

BUREAU OF THE CENSUS  
AUG 21 9 50 AM '62  
STATISTICAL  
ABSTRACT of the  
United States  
1962

*83d Annual Edition*

Prepared under the direction of  
EDWIN D. GOLDFIELD  
Chief, Statistical Reports Division



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### ACKNOWLEDGMENTS

The *Statistical Abstract of the United States* was prepared under the direction of Edwin D. Goldfield, Chief, Statistical Reports Division. Compilation was under the supervision of William Lerner, Assistant Chief, assisted by Dorothy M. Belzer for editorial supervision and Helen E. Teir for planning and review.

The cooperation of the many contributors to this volume is gratefully acknowledged. The list of sources of tables (pp. 989-992) and the source note below each table credit the various government and private agencies which have collaborated in furnishing information for the *Statistical Abstract*.

JULY 1962.

Library of Congress Card No. 4-18089

### SUGGESTED CITATION

U.S. Bureau of the Census, *Statistical Abstract of the United States: 1962*. (Eighty-third edition.) Washington, D.C., 1962.



## PREFACE

The *Statistical Abstract of the United States*, published annually 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 notes appearing below each table, the Guide to Sources (page 947), and a new feature, Guide to State Statistical Abstracts (page 986). The new Guide is intended for persons who need more detailed information for individual States than can be included in the national *Abstract*.

This volume includes a selection of data from many statistical publications, both governmental and private. The publications cited as sources usually contain additional statistical detail and a more complete discussion of definitions and concepts than can be presented here. Where contributing agencies are cited as sources, without mention of publications, more detailed information frequently is available from their unpublished tabulations and records.

Although emphasis in the *Statistical Abstract* is given primarily to national data, many tables present data for regions and individual States. Statistics for outlying areas of the United States are included in the State tables whenever available and supplemented by specialized information for those areas in section 32. Statistics for cities or other relatively small geographic units appear only in a few instances.

Wherever possible, statistics shown for the United States represent the 50 States and the District of Columbia. Figures for Alaska and Hawaii, whenever available, are presented separately in State tables and are also included in United States summary tables. Statements specifying inclusion or exclusion of the figures for Alaska and Hawaii appear in the headnotes to each table unless the inclusion or exclusion is self-evident.

**Changes in the 1962 edition.**—This edition, the 83d annual issue, presents data for the most recent year or period available during the early part of 1962.

Each year, in addition to the bringing up to date of the over 1,300 tables and charts included, new tables of current interest are introduced. Data that are less timely are eliminated and format and text changes are made where considered advisable.

A more comprehensive selection of statistics from the 1960 Census of Population is presented in this issue than was possible in the previous edition. In addition, final data from the 1959 Census of Agriculture have replaced preliminary figures published in the previous edition. Also, more of the data from the 1958 Census of Manufactures have been adjusted to include Alaska and Hawaii.

The tables on agriculture which were formerly divided into three sections have been reorganized and now appear as two sections. The former section, "Irrigation and Drainage," has been combined with the former section, "Agriculture—General Statistics," under the title "Agriculture—Farms, Land, and Finances." The second section on agriculture is now entitled "Agriculture—Production, Marketing, and Trade." A slighter change has affected the former "Power and Scientific Development" section which is now entitled "Power; Research and Development."

A total of 62 tables are new in this edition as compared with the 1961 edition. Some of these tables were included in earlier editions but were temporarily omitted until this year, pending the availability of more recent data. Certain others represent major rearrangement of subject matter. A third group contains data never presented before in the *Abstract*.

A large number of the new tables concern population characteristics and public welfare subjects, presented in various sections of the *Abstract*. Nine new tables were added to the population section alone, as more details became available from further analysis of the 1960 Census returns. Five new tables were added to the Vital Statistics section from such varied sources as the Public Health Service, the American Hospital Association, the Department of Agriculture, and the Bureau of the Census. Ten tables, primarily from the Office of Education, the National Education Association, and the Bureau of the Census were added to the Education section. Other subjects for which new tables are included concern air pollution, recreational activities, insurance coverage, labor unions, and assets and income of families and individuals. Statistical coverage of scientific activities was also considerably increased by the addition of seven new tables to the Power; Research and Development section, including four from the National Science Foundation and two from the National Aeronautics and Space Administration.

Following is a list of some of the subjects covered by the new tables:

Characteristics of the nonwhite population (p. 35)	U.S. defense expenditures abroad (p. 250)
Population mobility and migration, by States (pp. 39-40)	Characteristics of veterans in civil life (p. 263)
Live births, by sex and by attendant (pp. 53, 56)	Financial assets and liabilities of individuals (p. 328)
Children born to women 35 to 44 years old (p. 59)	Families, by income level (p. 333)
Hospital expense per patient day (p. 81)	Unit values of items imported and exported (p. 352)
Food donated to needy families (p. 92)	Assessed value of property subject to local taxation (p. 429)
Years of school completed (pp. 117, 118)	Interest rates paid by Federal Reserve member banks (p. 453)
Teachers' salaries (pp. 128-129)	Life insurance payments by family income groups (p. 477).
Pupil-teacher ratios (p. 130)	Employment in atomic energy (p. 541)
Marital status of students (p. 131)	Scientists and engineers (pp. 545-546)
College enrollment by educational status of fathers (p. 136)	Manned spacecraft (p. 547)
Adult education (p. 139)	Acreage treated and materials dispensed by aircraft (p. 628)
Urban and rural arrest rates (p. 152)	Production and sales of medicinals (p. 793)
Characteristics of lawyers (p. 157)	Employment attributable to exports (p. 881)
Air pollution (p. 176)	Economic development in Western Europe (p. 917)
Participation in recreational activities (p. 207)	Cost of living in various cities of the world (p. 940)
Expenditures of fishermen and hunters (p. 208)	
Farm workers covered by Federal old-age, survivors, and disability insurance programs (p. 237)	
Union membership (p. 242)	

Of the tables included in the 1961 edition, 54 were omitted from this issue. The majority of the omissions represent tables for which comparable details are given in the new or retained tables or for which no recent data are as yet available. The largest number of omissions occurs in the sections on Education, Agriculture, and Power, primarily as a result of rearrangement of the data rather than actual loss of information presented in 1961.

**Supplements to the Abstract.**—The *Statistical Abstract*, as an annual one-volume publication, is limited in amount of detail shown. To meet the need for more detailed information for small areas (cities, counties, metropolitan areas, and others) and for more historical data, a series of supplements to the *Abstract* has been issued.

The *County and City Data Book, 1962*, is the sixth edition in the *County and City Data Book* series. It is designed to help satisfy the need for statistical information about the social, economic, and governmental aspects of counties, cities, and other geographic areas. Conveniently assembled are 161 statistical items for each State and county in the United States and 163 items for each of the 676 incorporated cities

having 25,000 inhabitants or more in 1960. Comparable information is presented for geographic regions and divisions, standard metropolitan statistical areas, urbanized areas, and unincorporated places. Many of the statistics in this volume were obtained from the results of the most recent Censuses of Agriculture, Business, Governments, Housing, Manufactures, Mineral Industries, and Population. Also included are descriptive text, source notes, and maps. This volume is on sale by the Superintendent of Documents, Government Printing Office, Washington 25, D.C., for \$5.25 (cloth-bound).

The *Congressional District Data Book (Districts of the 87th Congress)*, issued in June 1961, is the first report of its type to be published by the Bureau of the Census. Based primarily on data from the most recent censuses, it presents 135 items on population, housing, and elections for all 437 congressional districts as constituted in 1960; 72 similar items pertaining to nonwhite population for selected districts; and 125 items on economic subjects for the 297 districts whose boundaries follow county lines. This report is available in most large public libraries.

*Historical Statistics of the United States, Colonial Times to 1957*, is the second edition in the *Historical Statistics* series. Compiled by the Bureau of the Census with the cooperation of the Social Science Research Council, this volume presents in compact and convenient form more than 8,000 statistical time series (mostly on an annual basis) covering periods from 1610 to 1957. It includes historical data on every major aspect of the Nation's social and economic development. The statistics are accompanied by text notes which specify the sources of the data, include references to other sources, discuss the historical development and reliability of the data, and present definitions of technical terms. Also included is a separate chapter on colonial statistics and a 15-page subject index. This volume is on sale by the Superintendent of Documents, Government Printing Office, Washington 25, D.C., for \$6.00 per copy (clothbound).

**Responsibility.**—The contents of this volume are taken from a large number of sources (see pp. 989–992). 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.

#### SUGGESTIONS AND COMMENTS

Many persons have offered suggestions for improving the presentation of the material. These comments have been most helpful and users are urged to continue to make their needs known for consideration in planning future editions. Suggestions and comments should be sent to the Director, Bureau of the Census, Washington 25, D.C.

#### FOR ADDITIONAL INFORMATION ON DATA PRESENTED

write to the agency indicated in the source note to the table which covers the desired subject.

## STATISTICAL ABSTRACT SUPPLEMENTS

*County and City Data Book, 1962.* A compact presentation of 161 items of statistical data for each State and county in the United States, and 163 items of statistical data for each of 676 incorporated cities having 25,000 inhabitants or more in 1960. Information comparable to that for counties is also presented for geographic regions and divisions, States, and standard metropolitan statistical areas, urbanized areas, and unincorporated places. Items included based largely on results of most recent Censuses of Agriculture, Business, Governments, Housing, Manufactures, Mineral Industries, and Population. Includes 53 maps, explanatory and definitive text, and source notes. Issued 1962. Price \$5.25 (clothbound).

*Congressional District Data Book (Districts of the 87th Congress).* A handy reference consisting of 135 statistical items for all 437 congressional districts as constituted in 1960; 72 items pertaining to nonwhite population for selected districts; and 125 items for the 297 districts whose boundaries follow county lines. Based largely on results of the most recent censuses. Includes text and source notes. 176 pages. Issued 1961. (Out of print.)

*Historical Statistics of the United States, Colonial Times to 1957.* Prepared with the cooperation of the Social Science Research Council. A compilation of more than 8,000 statistical time series, largely annual, on American social and economic development covering periods from 1610 to 1957. Includes definitions of terms and descriptive text. Specific source notes provide a basic guide to original published sources for further reference and additional data. Detailed alphabetical subject index. 801 pages. Issued 1960. Price \$6.00 (clothbound).

Purchase orders should be addressed to the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.

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## Section 1

### Population

This section relates to the population of the United States, its distribution, and its characteristics. The principal source of these data is the Decennial Census of Population, a house-to-house enumeration made by the Bureau of the Census. In accordance with a Constitutional provision for a decennial canvass of the population, the first census enumeration was made in 1790. The primary reason for the Census of Population, as set forth in the Constitution, was to provide a basis for the apportionment of Members of the House of Representatives among the several States. Until 1902, the census organization was temporary. The Bureau of the Census was then established as a permanent agency of the Government charged with responsibility for the decennial census and for compiling statistics on other subjects as needed. Currently, this Bureau supplies intercensal data based on surveys and estimates in addition to making the comprehensive decennial census enumeration.

**Decennial censuses.**—In accordance with census practice dating back to 1790, each person enumerated in the 1960 Census was counted as an inhabitant of his usual place of residence (the place where he lives and sleeps most of the time). This place is not necessarily the same as his legal residence, voting residence, or domicile; in most cases, however, the use of these different bases of classification would produce substantially the same statistics, although there may be appreciable differences for a few areas.

For the 1940, 1950, and 1960 Censuses, certain of the data are indicated as being obtained from representative samples of the population: 25 percent in 1960, 20 percent in 1950, and 5 percent in 1940. Exact agreement is not to be expected among the various samples, nor between them and the complete census count, but the sample data may be used with confidence where large numbers are involved, and may be assumed to indicate patterns and relationships where small numbers are involved. Detailed statements regarding the sampling errors are given in the original sources.

**Current Population Survey.**—Until May 1956, this Survey, conducted monthly by the Bureau of the Census, covered a sample of approximately 21,000 interviewed households spread over a sample of areas throughout the United States. Since then, the sample has been expanded to approximately 35,000 interviewed households in a larger number of areas. For a discussion of the reliability of estimates based on this sample, see Technical Note, page 213.

**Population estimates.**—Population estimates for dates after April 1950, which are not the result of sample surveys, are based on data from the 1950 and 1960 Censuses; statistics of births and deaths provided by the Public Health Service; statistics of immigration and emigration reported by the Immigration and Naturalization Service, Department of Justice; and statistics on the Armed Forces provided by the Department of Defense. Estimates of State population are based on the same types of data and also make use of school statistics provided by State Departments of Education and parochial school systems throughout the country.

**Urban and rural areas.**—According to the definition adopted for use in the 1960 Census, the urban population comprises all persons living in (a) places of 2,500 inhabitants or more incorporated as cities, boroughs, villages, and towns (except towns in New England, New York, and Wisconsin); (b) the densely settled urban fringe, whether incorporated or unincorporated, of urbanized areas; (c) towns in New England and townships in New Jersey and Pennsylvania which contain no incorporated municipalities as subdivisions and have either 25,000 inhabitants or more or a popu-

lation of 2,500 to 25,000 and a density of 1,500 persons or more per square mile; (d) counties in States other than the New England States, New Jersey, and Pennsylvania that have no incorporated municipalities within their boundaries and have a density of 1,500 persons or more per square mile; and (e) unincorporated places of 2,500 inhabitants or more.

This definition of urban is substantially the same as that used in 1950. The major difference between 1950 and 1960 is the designation in 1960 of urban towns in New England and of urban townships in New Jersey and Pennsylvania. In censuses prior to 1950, the urban population comprised all persons living in incorporated places of 2,500 inhabitants or more and areas (usually minor civil divisions) classified as urban under somewhat different special rules relating to population size and density.

In all definitions, the population not classified as urban constitutes the rural population. The term "current urban definition" refers to the population classified in accordance with the definitions used in 1950 and 1960. The term "previous urban definition" refers to the definition used prior to 1950.

A number of large and densely settled places are not included as urban because they are not incorporated places. To improve its measure of the urban population, the Bureau of the Census adopted, in 1950, the concept of the urbanized area and delineated, in advance of enumeration, boundaries for unincorporated places. All the population residing in urban-fringe areas and in unincorporated places of 2,500 or more is classified as urban according to the "current" definition.

**Farm and nonfarm residence.**—The rural population is divided into the rural-farm population, which comprises all residents living on farms, and the rural-nonfarm population, which comprises the remaining rural population. According to the definition used in the 1960 Census, the farm population consists of all persons living in rural territory on places of less than 10 acres yielding agricultural products which sold for \$250 or more in the previous year, or on places of 10 acres or more yielding agricultural products which sold for \$50 or more in the previous year. In the 1950 Census, farm population was determined by answers to the question, "Is this house on a farm (or ranch)?" However, persons on "farms" who paid cash rent for a house and yard only were classified as nonfarm. In both the 1950 and the 1960 Censuses rural persons in institutions, motels, and tourist camps were classified as nonfarm.

**Color and race.**—The concept of race as it has been used by the Bureau of the Census is derived from that which is commonly accepted by the general public. It does not, therefore, reflect clear-cut definitions of biological stocks, and several categories used obviously refer to nationality. "Color" divides the population into two groups, white and nonwhite. The nonwhite population consists of Negroes, American Indians, Japanese, Chinese, Filipinos, and all other groups not classified as white. Persons of Mexican birth or ancestry who are not definitely Indian or of other nonwhite stock are included in the white population. Persons of mixed parentage are placed in the race or color classification of the nonwhite parent.

Beginning with the 1960 Census, however, information regarding color and race was obtained by self-enumeration or self-reporting, whereas formerly race and color classification was obtained in most cases by the Census enumerator's observation.

**Mobility status.**—The population of the United States has been classified according to mobility status on the basis of a comparison between the place of residence of each individual at the survey or census date and the place of residence at a specified earlier date. *Mobile persons or movers* includes all persons living in a different house in the United States at the end of the period from the one they occupied at the beginning. They are subdivided into "same county movers" and "different county movers, or migrants," depending on whether they moved within the same county or into a different county. Migrants in turn are classified according to whether they moved within the same State or into a different State. *Nonmobile persons or nonmovers* includes all persons who were living in the same house in the United States at the beginning and

end of the period. *Persons abroad* includes all persons whose place of residence was outside the United States at the beginning of the period.

**Nativity.**—The category "Native" comprises persons born in the United States, the Commonwealth of Puerto Rico, or a possession of the United States. It also includes persons born in a foreign country or at sea who have at least one native United States parent. Persons whose place of birth was not reported are assumed to be native unless their census report contains contradictory information, such as an entry of a language spoken prior to coming to the United States. Persons not having any of the foregoing qualifications are classified as "foreign born."

**Household.**—A "household," according to present usage of the Census Bureau, comprises all persons who occupy a "housing unit," that is, a house, an apartment or other group of rooms, or a room that constitutes "separate living quarters." A household includes the "related persons" (the head of the household and others in the housing unit who are related to the head) and also the lodgers and employees, if any, who regularly live in the house. A person living alone or a group of unrelated persons sharing the same housing unit as partners is also counted as a household.

Prior to 1960 a household was defined as all the persons occupying a "dwelling unit." See section 28, Construction and Housing, for definitions of "housing unit" and "dwelling unit."

Group quarters are living arrangements for persons who do not live in housing units. Examples of group quarters are: A house with at least 5 lodgers, an institution, a college dormitory, or a military barracks.

**Family.**—The term "family," as used here, refers to a group of two or more persons related by blood, marriage, or adoption and residing together, and differs from the meaning of the term as used in the 1930 and 1940 Censuses. A primary family consists of the head of a household and all (one or more) other persons in the household related to the head. A secondary family comprises two or more persons such as guests, lodgers, or resident employees and their relatives, living in a household or group quarters (other than the negligible number of such groups among inmates of institutions) and related to each other.

**Subfamily.**—A subfamily is a married couple with or without children, or one parent with one or more children under 18 years old, living in a household and related to, but not including, the head of the household or his wife. Members of a subfamily are also members of the primary family with which they live. The number of subfamilies, therefore, is not included in the number of families.

**Married couple.**—A married couple is defined as a husband and his wife living together, with or without children and other relatives.

**Unrelated individuals.**—"Unrelated individuals" refer to persons (other than inmates of institutions) who are not living with any relatives. A primary individual is a household head living alone or with persons all of whom are unrelated to him. A secondary individual is a person in a household or group quarters such as a guest, lodger, or resident employee (excluding inmates of institutions) who is not related to the head or to any other person in the household or group quarters.

**Alaska and Hawaii.**—For a general statement concerning the treatment of data for Alaska and Hawaii, see preface. "Conterminous area" refers to the United States excluding Alaska, Hawaii, and outlying areas.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics, Colonial Times to 1957*, series A 17-21") provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

FIG. III. POPULATION AND HOUSEHOLDS: 1890 TO 1960  
[See tables 1, 2, and 37]

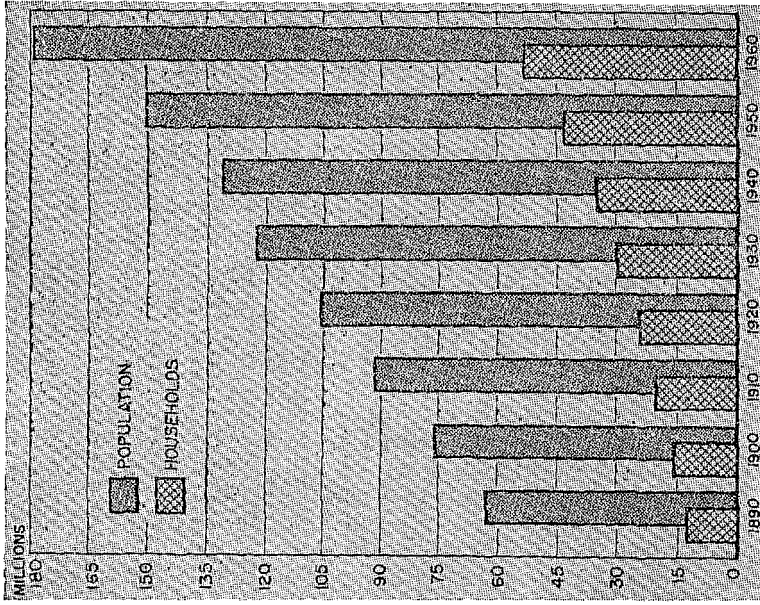
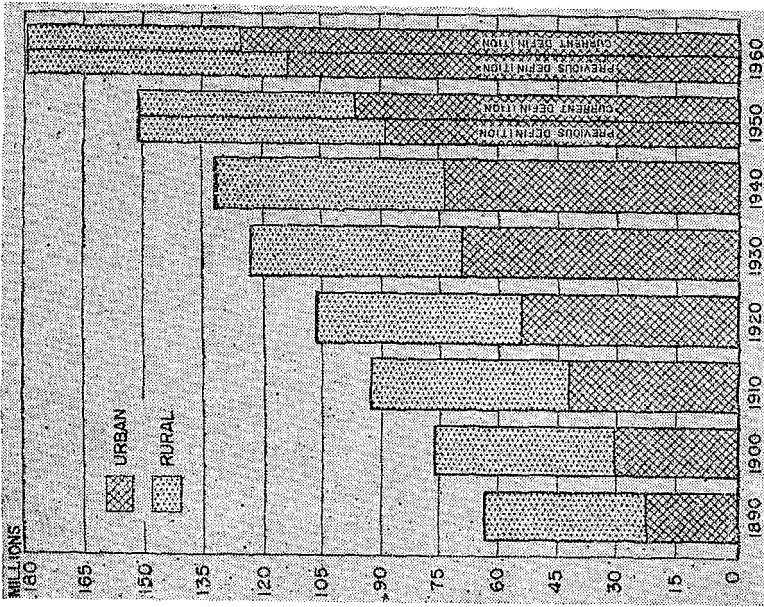


FIG. II. POPULATION, URBAN AND RURAL: 1890 TO 1960  
[See table 13. For description of previous and current definitions, see pp. 1, 2]



Source of figs. II and III: Department of Commerce, Bureau of the Census.

# Population

5

## No. 1. AREA AND POPULATION: 1790 TO 1960

[For additional area data, see tables 4 and 218. See also *Historical Statistics, Colonial Times to 1957*, series A 17-21]

CENSUS DATE	AREA (square miles) <sup>1</sup>			POPULATION			
	Gross	Land	Water	Number	Per square mile of land area	Increase over preceding census	
						Number	Percent
CONTINUOUS U.S. <sup>2</sup>							
1790 (Aug. 2) -----	888, 811	864, 746	24, 065	3, 920, 214	4.5		
1800 (Aug. 4) -----	888, 811	864, 746	24, 065	5, 308, 483	6.1	1, 379, 269	35.1
1810 (Aug. 6) -----	1, 716, 003	1, 681, 828	34, 175	7, 239, 881	4.3	1, 931, 398	26.4
1820 (Aug. 7) -----	1, 788, 006	1, 749, 462	38, 544	9, 638, 463	5.5	2, 398, 572	24.7
1830 (June 1) -----	1, 788, 006	1, 749, 462	38, 544	12, 866, 020	7.4	3, 227, 557	25.5
1840 (June 1) -----	1, 788, 006	1, 749, 462	38, 544	17, 069, 463	9.8	4, 203, 443	24.7
1850 (June 1) -----	2, 962, 747	2, 940, 042	52, 705	23, 191, 876	7.9	6, 122, 423	26.4
1860 (June 1) -----	3, 022, 387	2, 969, 640	52, 747	31, 443, 321	10.6	8, 251, 445	29.6
1870 (June 1) -----	3, 022, 387	2, 969, 640	52, 747	39, 818, 440	13.4	8, 375, 128	21.0
1880 (June 1) -----	3, 022, 387	2, 969, 640	52, 747	50, 155, 783	16.9	10, 337, 334	20.7
1890 (June 1) -----	3, 022, 387	2, 969, 640	52, 747	62, 947, 714	21.2	12, 791, 931	20.7
1900 (June 1) -----	3, 022, 387	2, 969, 834	52, 553	75, 994, 575	25.6	13, 046, 861	21.0
1910 (Apr. 15) -----	3, 022, 387	2, 969, 565	52, 822	91, 972, 266	31.0	15, 977, 691	17.1
1920 (Jan. 1) -----	3, 022, 387	2, 969, 451	52, 936	105, 710, 620	35.6	13, 738, 354	14.9
1930 (Apr. 1) -----	3, 022, 387	2, 977, 128	45, 259	122, 775, 046	41.2	17, 064, 426	12.5
1940 (Apr. 1) -----	3, 022, 387	2, 977, 128	45, 259	131, 669, 275	44.2	8, 894, 229	7.2
1950 (Apr. 1) -----	3, 022, 387	2, 974, 726	47, 661	150, 697, 361	50.7	19, 028, 086	14.5
1960 (Apr. 1) -----	3, 022, 387	2, 971, 494	50, 893	178, 464, 236	60.1	27, 766, 875	18.4
UNITED STATES <sup>4</sup>							
1950 (Apr. 1) -----	3, 015, 211	3, 552, 206	63, 005	151, 325, 798	42.6	19, 161, 229	14.5
1960 (Apr. 1) -----	3, 015, 211	3, 548, 974	66, 237	179, 323, 175	56.5	27, 997, 377	18.5

<sup>1</sup> Area figures for each census year represent continuous United States (see text, p. 3) 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.

<sup>2</sup> Excludes Alaska and Hawaii.

<sup>3</sup> Revised to include adjustments for underenumeration in Southern States; unrevised number is 38,553,371.

<sup>4</sup> Includes Alaska and Hawaii.

Source: Department of Commerce, Bureau of the Census; Reports of Fourteenth, Fifteenth, Sixteenth, Seventeenth, and Eighteenth Censuses, *Population*, Vol. I; and other reports and records. See also Sixteenth Census Reports, *Areas of the United States, 1940*.

## No. 2. ESTIMATED POPULATION: 1900 TO 1962

[In thousands. As of July 1, except where noted. Beginning 1940, includes Alaska and Hawaii. Estimates for 1900 to 1909 are sums of State estimates based on local data indicative of population change. Estimates for 1910 to 1962 are based on decennial censuses and statistics of births, deaths, immigration, emigration, and Armed Forces. See also *Historical Statistics, Colonial Times to 1957*, series A 1-3]

YEAR	Total population residing in United States <sup>1</sup>	YEAR	Total population residing in United States <sup>1</sup>	YEAR	Total population including Armed Forces abroad	Total population residing in United States <sup>1</sup>	Civilian population	YEAR AND MONTH	Total population including Armed Forces abroad	Total population residing in United States <sup>1</sup>	Civilian population
1900.....	76, 094	1915.....	100, 549	1930.....	123, 188	123, 077	122, 923	1948.....	147, 208	146, 730	145, 746
1901.....	77, 585	1916.....	101, 966	1931.....	124, 149	124, 040	123, 886	1949.....	149, 767	149, 304	148, 157
1902.....	79, 160	1917 <sup>2</sup> .....	103, 203	1932.....	124, 949	124, 840	124, 694	1950.....	152, 371	151, 868	150, 790
1903.....	80, 632	1918 <sup>2</sup> .....	103, 203	1933.....	125, 060	125, 579	125, 436	1951.....	154, 878	153, 982	151, 509
1904.....	82, 165	1919 <sup>2</sup> .....	104, 512	1934.....	126, 485	126, 374	126, 228	1952.....	157, 553	156, 393	153, 892
1905.....	83, 820	1920.....	106, 466	1935.....	127, 362	127, 260	127, 099	1953.....	160, 184	158, 956	156, 505
1906.....	85, 437	1921.....	108, 541	1936.....	128, 181	128, 053	127, 879	1954.....	163, 026	161, 884	159, 005
1907.....	87, 000	1922.....	110, 055	1937.....	128, 961	128, 825	128, 639	1955.....	165, 931	165, 000	162, 967
1908.....	88, 709	1923.....	111, 950	1938.....	129, 969	129, 825	129, 635	1956.....	168, 903	168, 088	166, 055
1909.....	90, 492	1924.....	114, 113	1939.....	131, 028	130, 880	130, 683	1957.....	171, 984	171, 187	169, 110
1910.....	92, 407	1925.....	115, 832	1940.....	132, 594	132, 457	132, 129	1958.....	174, 882	174, 149	172, 226
1911.....	93, 868	1926.....	117, 399	1941.....	133, 894	133, 669	132, 086	1959.....	177, 830	177, 135	175, 277
1912.....	95, 331	1927.....	119, 038	1942.....	135, 361	134, 617	131, 444	1960.....	180, 676	179, 983	178, 144
1913.....	97, 227	1928.....	120, 501	1943.....	137, 250	135, 107	128, 010	1961.....	183, 742	183, 043	181, 193
1914.....	99, 118	1929.....	121, 770	1944.....	138, 916	133, 915	127, 227	1962: <sup>3</sup>			
				1945.....	140, 468	133, 434	128, 112	Jan. 1.....	185, 290	184, 566	182, 430
				1946.....	141, 936	140, 688	138, 932	Feb. 1.....	185, 506	184, 772	182, 620
				1947.....	144, 698	144, 083	143, 138	Mar. 1.....	185, 708	184, 970	182, 823

<sup>1</sup> Excludes Armed Forces abroad.

<sup>2</sup> Total population including Armed Forces abroad (in thousands): 1917, 103,414; 1918, 104,550; 1919, 105,063. Civilian population (in thousands): 1917, 102,799; 1918, 101,488; 1919, 104,158.

<sup>3</sup> Provisional.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-25, and reports and records.

## Population

## No. 3. TOTAL POPULATION, BY AGE AND SEX: 1960 AND PROJECTIONS TO 1970

[in thousands. As of July 1. Includes Alaska and Hawaii. Includes Armed Forces abroad. Projections take account of 1960 census results. Series II and III imply following assumptions as to fertility: II—1955-57 level of fertility (approximately same as 1955-60) continues to 1965-70; III—1955-57 level declines to 1949-51 level by 1965-70]

YEAR AND SEX	Total, all ages	Under 5 years	5 to 9 years	10 to 14 years	15 to 19 years	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 and over	14 and over	18 and over	21 and over
<b>TOTAL</b>														
1960 <sup>1</sup> .....	180,677	20,318	18,789	16,985	13,424	11,137	22,936	24,222	20,580	15,628	16,658	127,302	116,203	108,861
1965:.....	196,217	22,170	20,346	18,865	17,019	13,543	22,327	24,526	22,125	17,054	18,243	138,362	124,345	115,043
Series II.....	194,454	20,408	18,789	16,985	13,424	11,137	22,936	24,222	20,580	15,628	16,658	127,302	116,203	108,861
Series III.....	214,222	25,135	22,215	20,400	18,910	17,094	25,048	23,118	23,541	18,724	20,035	150,450	134,783	124,059
Series II.....	208,631	21,600	20,459	18,865	17,019	13,543	22,327	24,526	22,125	17,054	18,243	138,362	124,345	115,043
Series III.....														
<b>MALE</b>														
1960 <sup>1</sup> .....	89,323	10,330	9,554	8,632	6,793	5,567	11,335	11,872	10,142	7,561	7,536	62,188	56,559	52,859
1965:.....	96,815	11,328	10,336	9,590	8,635	6,810	11,062	12,030	10,804	8,196	8,024	67,355	60,286	55,528
Series II.....	95,914	10,427	9,554	8,632	6,793	5,567	11,335	11,872	10,142	7,561	7,536	62,188	56,559	52,859
Series III.....	105,592	12,846	11,345	10,359	9,595	8,623	12,464	11,389	11,419	8,908	8,643	73,001	65,115	59,679
Series II.....	102,888	11,040	10,448	9,595	8,635	6,810	11,062	12,030	10,804	8,196	8,024	67,355	60,286	55,528
Series III.....														
<b>FEMALE</b>														
1960 <sup>1</sup> .....	91,354	9,988	9,235	8,353	6,631	5,570	11,601	12,350	10,438	8,067	9,122	65,114	59,644	56,002
1965:.....	99,402	10,842	10,009	9,275	8,384	6,732	11,266	12,495	11,321	8,859	10,218	71,007	64,109	59,516
Series II.....	98,540	9,981	9,235	8,353	6,631	5,570	11,601	12,350	10,438	8,067	9,122	65,114	59,644	56,002
Series III.....	105,630	12,289	10,870	10,042	9,316	8,471	12,584	11,729	12,122	9,816	11,392	77,388	69,667	64,380
Series II.....	106,043	10,560	10,011	9,275	8,384	6,732	11,266	12,495	11,321	8,859	10,218	71,007	64,109	59,516
Series III.....														

<sup>1</sup> Estimated as of July 1.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-25, Nos. 241 and 246.



# NO. 4. POPULATION AND AREA OF THE UNITED STATES AND OUTLYING AREAS: 1940 TO 1960

[For area figures of individual States, see table 220. See also *Historical Statistics, Colonial Times to 1967*, series A 4-16 and J 2]

AREA	POPULATION			Gross area (land and water), 1960
	1940	1950	1960	
<b>Total</b> .....	150,622,754	154,233,234	183,285,009	Sq. mi. 3,628,150
United States.....	132,164,569	151,325,708	179,323,175	3,615,211
Continiguous United States.....	131,660,275	150,697,361	178,464,236	3,622,387
Alaska.....	2 72,524	128,643	226,167	586,400
Hawaii.....	423,770	409,794	632,772	6,424
Commonwealth of Puerto Rico <sup>1</sup> .....	1,869,255	2,210,703	2,349,544	3,435
Possessions:				
Guam.....	22,290	50,498	67,044	212
Virgin Islands of the U.S.....	24,889	26,665	32,069	133
American Samoa.....	12,008	18,937	20,051	76
Midway Islands.....	437	410	2,356	2
Wake Island.....		349	1,697	3
Canton Island and Enderbury Island.....	44	4 272	4 320	27
Johnston Island and Sand Island.....	<sup>5</sup> 69	<sup>6</sup> 46	<sup>8</sup> 156	( <sup>9</sup> )
Swan Islands.....	( <sup>7</sup> )	<sup>8</sup> 36	<sup>8</sup> 28	1
Other <sup>7</sup> .....	10 10	(11)	(11)	12 9
Other outlying areas:				
Canal Zone <sup>12</sup> .....	51,827	52,822	42,122	553
Corn Islands <sup>14</sup> .....	<sup>16</sup> 1,523	<sup>16</sup> 1,304	<sup>15</sup> 1,872	4
Trust Territory of the Pacific Islands <sup>16</sup> .....	(17)	<sup>18</sup> 54,843	<sup>19</sup> 70,724	<sup>20</sup> 8,484
Population abroad <sup>21</sup> .....	<sup>22</sup> 118,933	<sup>23</sup> 481,545	1,374,421	-----
Members of the Armed Forces.....		301,595	609,720	-----
Civilian citizens employed by the U.S. Government.....	118,933	26,910	38,010	-----
Families of Armed Forces personnel or of civilian citizen employees.....	( <sup>24</sup> )	107,350	505,393	-----
Crews of merchant vessels.....	( <sup>24</sup> )	45,690	32,464	-----
Other citizens.....	( <sup>24</sup> )	( <sup>24</sup> )	<sup>25</sup> 187,834	-----

<sup>1</sup> Includes estimated population of the Philippine Islands (16,356,000), not shown separately.

<sup>2</sup> Census taken as of Oct. 1, 1939.

<sup>3</sup> 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.

<sup>4</sup> Enderbury Island uninhabited at time of enumeration.

<sup>5</sup> Sand Island uninhabited at time of enumeration.

<sup>6</sup> Less than 0.5 square mile.

<sup>7</sup> Not enumerated.

<sup>8</sup> Little Swan Island uninhabited at time of enumeration.

<sup>9</sup> Includes Caroline, Christmas, Danger (Pukapuka), Flint, Funafuti, Kingman Reef, Malden, Manahiki, Navassa, Nukufetau, Nukulailai, Nurakita, Palmyra, Penrhyn, Rakahanga, Starbuck, Vostok, Phoenix Group (except Canton and Enderbury), and Union (Tokelau) Group, not enumerated in decennial censuses; and Baker, Howland, and Jarvis Islands not inhabited in 1950 and 1960. Quita Sueño Bank, Roncador Cay, and Serrana Bank, claimed by both the United States and Colombia, not enumerated.

<sup>10</sup> Population of Baker, Howland, and Jarvis Islands. Other islands not enumerated or uninhabited at time of enumeration.

<sup>11</sup> Not enumerated or uninhabited at time of enumeration.

<sup>12</sup> Area is for Navassa (2 square miles), Baker, Howland, and Jarvis (combined area 3 square miles), and Palmyra (4 square miles). Excludes Kingman Reef, Quita Sueño Bank, Roncador Cay, and Serrana Bank (each less than 0.5 square mile); area of other islands listed in footnote 9 not available.

<sup>13</sup> Under jurisdiction of United States in accordance with treaty of Nov. 18, 1903, with Republic of Panama.

<sup>14</sup> Leased (1914) from the Republic of Nicaragua for 99 years.

<sup>15</sup> Figures from Government of Nicaragua. Little Corn Island uninhabited at time of enumeration.

<sup>16</sup> Under the United Nations Trusteeship System with the United States as administering authority since July 18, 1947.

<sup>17</sup> Population 1940, 131,258 (Census of Japan).

<sup>18</sup> Civilian population; Department of the Navy. *Report on the Administration of the Trust Territory of the Pacific Islands for the Period July 1, 1949, to June 30, 1950*, Government Printing Office, Washington, D.C., 1950.

<sup>19</sup> Census of 1958 conducted by the Office of the High Commissioner. Civilian population; see *Census Report, 1958: Trust Territory of the Pacific Islands*, Office of the High Commissioner, Agaña, Guam, June 1959.

<sup>20</sup> See references in footnotes 18 and 19, above. Comprised of 687 square miles of land area and 7,797 square miles of water area.

<sup>21</sup> Excludes United States 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 households.

<sup>22</sup> Excludes dependents of Federal employees and crews of merchant vessels.

<sup>23</sup> Based on 20-percent sample of reports received.

<sup>24</sup> Not available.

<sup>25</sup> Represents U.S. citizens abroad for extended periods of time. Since this population was enumerated on a voluntary basis, its coverage is probably less complete than that of other categories of Americans abroad.

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Population: 1960*, Vol. I.

## No. 5. CENTER OF POPULATION: 1790 TO 1960

["Center of population" is that point which may be considered as center of population gravity of the U. S. or that point upon which the U. S. would balance if it were a rigid plane without weight and the population distributed thereon with each individual being assumed to have equal weight and to exert an influence on a central point proportional to his distance from that point]

YEAR	North latitude	West longitude	Approximate location
CONTERMINOUS U.S. <sup>1</sup>			
1790.....	39 16 30	76 11 12	23 miles east of Baltimore, Md.
1800.....	39 16 6	76 56 30	18 miles west of Baltimore, Md.
1810.....	39 11 30	77 37 12	40 miles northwest by west of Washington, D. C. (in Virginia).
1820.....	39 5 42	78 33 0	16 miles east of Moorefield, W. Va. <sup>2</sup>
1830.....	38 57 54	79 16 54	19 miles west-southwest of Moorefield, W. Va. <sup>2</sup>
1840.....	39 2 0	80 18 0	16 miles south of Clarksburg, W. Va. <sup>2</sup>
1850.....	38 59 0	81 19 0	23 miles southeast of Parkersburg, W. Va. <sup>2</sup>
1860.....	39 0 24	82 48 48	20 miles south by east of Chillicothe, Ohio.
1870.....	39 12 0	83 35 42	48 miles east by north of Cincinnati, Ohio.
1880.....	39 4 8	84 39 40	8 miles west by south of Cincinnati, Ohio (in Kentucky).
1890.....	39 11 56	85 32 53	20 miles east of Columbus, Ind.
1900.....	39 9 36	85 48 54	6 miles southeast of Columbus, Ind.
1910.....	39 10 12	86 32 20	In the city of Bloomington, Ind.
1920.....	39 10 21	86 43 15	8 miles south-southeast of Spencer, Owen County, Ind.
1930.....	39 3 45	87 8 6	3 miles northeast of Linton, Greene County, Ind.
1940.....	38 56 54	87 22 35	2 miles southeast by east of Carlisle, Haddon township, Sullivan County, Ind.
1950.....	38 50 21	88 9 33	8 miles north-northwest of Olney, Richland County, Ill.
1960.....	38 37 57	88 52 23	4 miles east of Salem in Marion County, Ill.
UNITED STATES <sup>3</sup>			
1950.....	38 48 15	88 22 8	About 3 miles northeast of Louisville, in Clay County, Ill.
1960.....	38 35 58	89 12 35	6½ miles northwest of Centralia, Ill., and approximately 50 miles east of East St. Louis, Ill.

<sup>1</sup> Excludes Alaska and Hawaii.

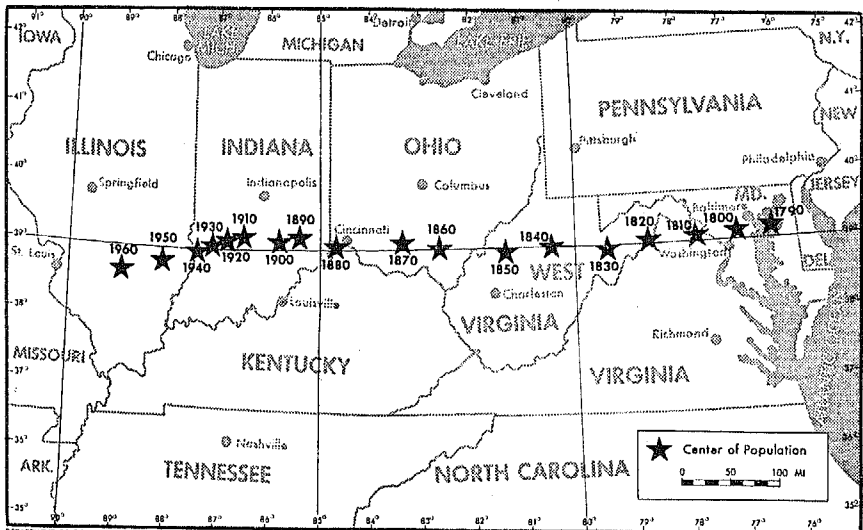
<sup>2</sup> West Virginia was set off from Virginia Dec. 31, 1862, and admitted as a State June 19, 1863.

<sup>3</sup> Includes Alaska and Hawaii.

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Population: 1960*, Vol. I.

FIG. IV. CENTER OF POPULATION FOR CONTERMINOUS U.S.: 1790 TO 1960

[See table 5]



Source: Department of Commerce, Bureau of the Census.

BUREAU OF THE CENSUS

# Population, by States

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## No. 6. ESTIMATED POPULATION, BY STATES AND FOR PUERTO RICO: 1951 to 1961

[In thousands. As of July 1. Preliminary. Includes Armed Forces stationed in area. Based on data from the 1950 Census, the 1960 Census, special Federal censuses, State censuses, vital statistics, immigration statistics, school statistics, and data on Armed Forces. For enumerated population, 1910 to 1960, see table 7]

STATE	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961
<b>U.S.</b> .....	154,060	156,472	159,035	161,015	165,064	168,043	171,108	174,057	177,131	179,977	182,953
<b>N.E.</b> .....	9,220	9,289	9,549	9,727	9,729	9,777	9,920	10,139	10,378	10,546	10,723
Maine.....	913	900	907	917	922	932	943	946	958	974	992
N.H.....	530	535	549	554	556	567	576	584	602	609	621
Vt.....	378	374	378	375	371	376	377	380	386	391	395
Mass.....	4,611	4,622	4,770	4,857	4,823	4,811	4,872	4,967	5,083	5,167	5,234
R.I.....	777	797	814	817	825	843	854	860	854	857	867
Conn.....	2,012	2,051	2,132	2,208	2,232	2,247	2,298	2,402	2,405	2,548	2,614
<b>M.A.</b> .....	30,487	30,846	31,237	31,864	32,256	32,491	32,753	33,234	33,815	34,269	34,745
N.Y.....	15,067	15,237	15,495	15,818	16,081	16,128	16,203	16,403	16,610	16,827	17,033
N.J.....	4,985	5,066	5,150	5,249	5,361	5,509	5,604	5,774	5,960	6,099	6,244
Pa.....	10,404	10,542	10,592	10,798	10,814	10,854	10,946	11,058	11,235	11,343	11,468
<b>E.N.C.</b> .....	30,740	31,249	32,026	32,954	33,525	34,129	34,718	35,427	35,869	36,340	36,822
Ohio.....	7,977	8,141	8,580	8,962	9,021	9,118	9,281	9,491	9,612	9,730	9,876
Ind.....	4,101	4,148	4,189	4,266	4,362	4,463	4,540	4,595	4,616	4,677	4,711
Ill.....	8,736	8,868	8,952	9,087	9,228	9,368	9,559	9,832	9,974	10,113	10,258
Mich.....	6,480	6,629	6,803	7,040	7,248	7,441	7,537	7,646	7,753	7,848	7,954
Wis.....	3,487	3,463	3,502	3,599	3,666	3,740	3,802	3,863	3,915	3,964	4,022
<b>W.N.C.</b> .....	14,200	14,223	14,353	14,543	14,835	15,034	15,142	15,129	15,278	15,425	15,581
Minn.....	3,016	3,038	3,064	3,127	3,188	3,260	3,314	3,334	3,378	3,426	3,470
Iowa.....	2,620	2,629	2,637	2,631	2,684	2,718	2,742	2,731	2,745	2,761	2,779
Mo.....	4,038	4,010	4,081	4,139	4,222	4,244	4,259	4,240	4,286	4,331	4,378
N.Dak.....	608	613	619	623	628	629	629	620	627	634	640
S.Dak.....	658	655	655	662	673	683	682	671	679	682	690
Nebrr.....	1,314	1,305	1,312	1,329	1,360	1,390	1,394	1,394	1,402	1,414	1,431
Kans.....	1,947	1,972	1,986	2,031	2,080	2,111	2,122	2,141	2,162	2,178	2,194
<b>S.A.</b> .....	21,818	22,173	22,482	22,777	23,394	23,997	24,625	25,181	25,621	26,066	26,545
Del.....	330	339	349	366	386	404	420	428	439	449	458
Md.....	2,447	2,503	2,556	2,642	2,794	2,852	2,874	2,974	3,051	3,116	3,188
D.O.....	808	806	829	828	800	773	776	768	767	762	761
Va.....	3,401	3,478	3,518	3,483	3,567	3,700	3,822	3,903	3,929	3,978	4,059
W.Va.....	1,997	1,969	1,949	1,927	1,907	1,892	1,884	1,880	1,872	1,857	1,850
N.C.....	4,139	4,139	4,168	4,185	4,307	4,379	4,442	4,448	4,502	4,563	4,614
S.C.....	2,184	2,209	2,228	2,234	2,270	2,293	2,329	2,346	2,368	2,392	2,407
Ga.....	3,546	3,611	3,691	3,651	3,693	3,763	3,832	3,863	3,902	3,940	3,987
Fla.....	2,966	3,118	3,284	3,462	3,670	3,941	4,245	4,571	4,790	5,000	5,222
<b>E.S.C.</b> .....	11,590	11,546	11,459	11,406	11,508	11,596	11,721	11,833	11,964	12,073	12,208
Ky.....	2,960	2,929	2,916	2,912	2,916	2,905	2,941	2,991	3,014	3,047	3,075
Tenn.....	3,363	3,352	3,326	3,364	3,422	3,444	3,472	3,500	3,547	3,573	3,615
Ala.....	3,073	3,088	3,086	3,051	3,093	3,126	3,175	3,221	3,240	3,273	3,302
Miss.....	2,194	2,177	2,181	2,070	2,077	2,120	2,133	2,121	2,162	2,180	2,215
<b>W.S.C.</b> .....	15,014	15,241	15,232	15,274	15,645	15,940	16,311	16,518	16,739	17,008	17,266
Ark.....	1,918	1,862	1,819	1,781	1,779	1,766	1,795	1,773	1,770	1,788	1,797
La.....	2,770	2,849	2,873	2,887	2,937	3,029	3,121	3,160	3,206	3,270	3,321
Okl.....	2,187	2,183	2,141	2,157	2,186	2,239	2,273	2,271	2,301	2,333	2,360
Texas.....	8,140	8,347	8,399	8,449	8,742	8,906	9,120	9,314	9,453	9,617	9,788
<b>Mt.</b> .....	5,190	5,355	5,561	5,716	5,933	6,158	6,395	6,525	6,715	6,897	7,073
Mont.....	593	597	608	613	622	646	662	664	667	678	682
Idaho.....	587	582	589	589	604	610	639	645	658	671	684
Wyo.....	293	297	295	300	315	321	323	322	325	332	338
Colo.....	1,328	1,378	1,464	1,520	1,583	1,655	1,693	1,690	1,727	1,758	1,781
N.Mex.....	725	747	775	784	808	823	870	904	928	958	983
Ariz.....	786	843	895	932	963	1,021	1,113	1,180	1,254	1,318	1,391
Utah.....	710	730	749	762	798	823	838	855	877	896	916
Nev.....	169	181	196	215	240	250	257	266	279	288	299
<b>Pac.</b> .....	15,831	16,550	17,136	17,653	18,298	18,921	19,523	20,080	20,753	21,352	21,989
Wash.....	2,431	2,459	2,485	2,539	2,630	2,689	2,740	2,783	2,823	2,860	2,902
Oreg.....	1,564	1,595	1,623	1,652	1,690	1,726	1,735	1,735	1,756	1,773	1,799
Calif.....	11,159	11,785	12,305	12,738	13,156	13,724	14,235	14,744	15,334	15,850	16,397
Alaska.....	164	196	212	218	221	220	228	213	220	228	234
Hawaii.....	613	515	511	507	541	561	585	605	620	642	657
Puerto Rico.....	2,235	2,227	2,204	2,214	2,250	2,240	2,260	2,299	2,322	2,361	2,406

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-25, Nos. 229, 238, and 239.

# NO. 7. POPULATION, POPULATION RANK, PERCENT INCREASE, AND POPULATION PER SQUARE MILE, BY STATES AND FOR PUERTO RICO: 1910 TO 1960

[Insofar as possible, population shown is that of present area of State. Minus sign (—) denotes decrease. See also *Historical Statistics, Colonial Times to 1907*, series A 123-180]

STATE OR OTHER AREA	POPULATION (1,000)						RANK					
	1910	1920	1930	1940	1950	1960	1910	1920	1930	1940	1950	1960
<b>United States.....</b>	<b>92, 228</b>	<b>106, 022</b>	<b>123, 202</b>	<b>132, 165</b>	<b>151, 326</b>	<b>179, 323</b>						
<b>Regions:</b>												
Northeast.....	25, 869	29, 662	34, 427	35, 977	39, 478	44, 678						
North Central.....	29, 889	34, 020	38, 594	40, 143	44, 461	51, 619						
South.....	29, 389	33, 120	37, 858	41, 066	47, 197	54, 973						
West.....	7, 082	9, 214	12, 321	14, 379	20, 191	28, 053						
<b>New England.....</b>	<b>6, 553</b>	<b>7, 401</b>	<b>8, 166</b>	<b>8, 437</b>	<b>9, 314</b>	<b>10, 509</b>						
Maine.....	742	768	797	847	914	960	34	35	35	35	35	36
New Hampshire.....	431	443	465	492	533	607	39	41	42	45	45	46
Vermont.....	356	352	300	359	378	390	42	45	47	47	47	48
Massachusetts.....	3, 366	3, 852	4, 250	4, 317	4, 691	5, 149	6	6	8	8	9	9
Rhode Island.....	643	604	687	713	792	859	38	38	37	36	37	39
Connecticut.....	1, 115	1, 381	1, 607	1, 709	2, 007	2, 535	31	29	20	31	28	25
<b>Middle Atlantic.....</b>	<b>19, 316</b>	<b>22, 261</b>	<b>26, 261</b>	<b>27, 539</b>	<b>30, 164</b>	<b>34, 168</b>						
New York.....	9, 114	10, 385	12, 588	13, 470	14, 830	16, 782	1	1	1	1	1	1
New Jersey.....	2, 537	3, 156	4, 041	4, 160	4, 835	5, 007	11	10	9	9	8	8
Pennsylvania.....	7, 665	8, 720	9, 631	9, 900	10, 498	11, 319	2	2	2	2	3	3
<b>East North Central.....</b>	<b>18, 251</b>	<b>21, 476</b>	<b>25, 297</b>	<b>26, 626</b>	<b>30, 399</b>	<b>36, 225</b>						
Ohio.....	4, 767	5, 759	6, 647	6, 908	7, 947	9, 706	4	4	4	4	5	5
Indiana.....	2, 701	2, 930	3, 239	3, 428	3, 934	4, 662	9	11	11	12	12	11
Illinois.....	5, 630	6, 485	7, 631	7, 897	8, 712	10, 081	3	3	3	3	4	4
Michigan.....	2, 810	3, 668	4, 842	5, 256	6, 372	7, 823	8	7	7	7	7	7
Wisconsin.....	2, 334	2, 332	2, 939	3, 138	3, 435	3, 952	13	13	13	13	14	15
<b>West North Central.....</b>	<b>11, 638</b>	<b>12, 544</b>	<b>13, 297</b>	<b>13, 517</b>	<b>14, 061</b>	<b>15, 394</b>						
Minnesota.....	2, 076	2, 387	2, 564	2, 792	2, 982	3, 414	19	17	18	18	18	18
Iowa.....	2, 225	2, 404	2, 471	2, 538	2, 621	2, 758	15	16	19	20	22	24
Missouri.....	3, 293	3, 404	3, 629	3, 785	3, 955	4, 320	7	9	10	10	11	13
North Dakota.....	577	647	681	642	620	632	37	36	38	39	42	45
South Dakota.....	584	637	693	643	653	681	36	37	36	38	41	41
Nebraska.....	1, 192	1, 296	1, 378	1, 316	1, 326	1, 411	29	31	32	32	33	34
Kansas.....	1, 691	1, 769	1, 881	1, 801	1, 905	2, 179	22	24	24	29	31	28
<b>South Atlantic.....</b>	<b>12, 195</b>	<b>13, 990</b>	<b>15, 794</b>	<b>17, 823</b>	<b>21, 182</b>	<b>25, 972</b>						
Delaware.....	202	223	238	267	318	446	47	48	48	48	48	47
Maryland.....	1, 295	1, 450	1, 632	1, 821	2, 343	3, 101	27	28	28	28	24	21
Dist. of Columbia.....	331	438	487	663	802	764	43	42	41	37	36	40
Virginia.....	2, 062	2, 309	2, 422	2, 678	3, 319	3, 967	20	20	20	19	15	14
West Virginia.....	1, 221	1, 464	1, 729	1, 902	2, 066	1, 860	28	27	27	25	29	30
North Carolina.....	2, 206	2, 559	3, 170	3, 572	4, 062	4, 556	16	14	12	11	10	12
South Carolina.....	1, 515	1, 684	1, 739	1, 900	2, 117	2, 383	26	26	26	26	27	26
Georgia.....	2, 609	2, 896	2, 909	3, 124	3, 445	3, 943	10	12	14	14	13	10
Florida.....	753	968	1, 463	1, 897	2, 771	4, 952	33	32	31	27	20	10
<b>East South Central.....</b>	<b>8, 410</b>	<b>8, 893</b>	<b>9, 887</b>	<b>10, 778</b>	<b>11, 477</b>	<b>12, 050</b>						
Kentucky.....	2, 290	2, 417	2, 615	2, 846	2, 945	3, 038	14	15	17	16	19	22
Tennessee.....	2, 185	2, 388	2, 617	2, 916	3, 292	3, 567	17	19	16	15	16	17
Alabama.....	2, 138	2, 348	2, 646	2, 833	3, 062	3, 207	18	18	15	17	17	19
Mississippi.....	1, 797	1, 791	2, 010	2, 184	2, 179	2, 178	21	23	23	23	26	29
<b>West South Central.....</b>	<b>8, 785</b>	<b>10, 242</b>	<b>12, 177</b>	<b>13, 065</b>	<b>14, 538</b>	<b>16, 951</b>						
Arkansas.....	1, 574	1, 752	1, 854	1, 949	1, 910	1, 786	25	25	25	24	30	31
Louisiana.....	1, 056	1, 799	2, 102	2, 364	2, 684	3, 267	24	22	22	21	21	20
Oklahoma.....	1, 657	2, 028	2, 396	2, 336	2, 233	2, 329	23	21	21	22	25	27
Texas.....	3, 897	4, 663	5, 825	6, 415	7, 711	9, 580	5	5	5	6	6	6
<b>Mountain.....</b>	<b>2, 634</b>	<b>3, 336</b>	<b>3, 702</b>	<b>4, 150</b>	<b>5, 075</b>	<b>6, 855</b>						
Montana.....	376	549	538	559	591	675	40	39	39	40	43	42
Idaho.....	326	432	445	525	589	607	45	43	43	43	44	43
Wyoming.....	146	194	226	251	291	330	49	49	49	49	49	49
Colorado.....	799	940	1, 036	1, 123	1, 325	1, 754	32	33	33	33	34	33
New Mexico.....	327	360	423	532	681	951	44	44	45	42	40	37
Arizona.....	204	334	436	499	750	1, 302	46	46	44	44	38	35
Utah.....	373	449	508	550	689	891	41	40	40	41	39	38
Nevada.....	82	77	91	110	160	285	50	50	50	50	50	50
<b>Pacific.....</b>	<b>4, 449</b>	<b>5, 878</b>	<b>8, 622</b>	<b>10, 229</b>	<b>15, 115</b>	<b>21, 193</b>						
Washington.....	1, 142	1, 357	1, 563	1, 736	2, 379	2, 853	30	30	30	30	23	23
Oregon.....	673	783	954	1, 090	1, 521	1, 769	35	34	34	34	32	32
California.....	2, 378	3, 427	5, 677	6, 907	10, 586	15, 717	12	8	6	5	2	2
Alaska.....	64	55	150	173	129	226	51	51	51	51	51	51
Hawaii.....	192	256	308	423	500	633	48	47	46	46	46	44
<b>Puerto Rico.....</b>	<b>1, 118</b>	<b>1, 300</b>	<b>1, 544</b>	<b>1, 809</b>	<b>2, 211</b>	<b>2, 350</b>						

<sup>1</sup> 1930 as of Oct. 1, 1929; 1940 as of Oct. 1, 1939.

No. 7. POPULATION, POPULATION RANK, PERCENT INCREASE, AND POPULATION PER SQUARE MILE, BY STATES AND FOR PUERTO RICO: 1910 TO 1960—Continued

STATE OR OTHER AREA	PERCENT INCREASE					POPULATION PER SQUARE MILE <sup>2</sup>					
	1910 to 1920	1920 to 1930	1930 to 1940	1940 to 1950	1950 to 1960	1910	1920	1930	1940	1950	1960
<b>United States</b> .....	15.0	16.2	7.3	14.5	18.5	26.0	29.9	34.7	37.2	42.6	50.5
<b>Regions:</b>											
Northeast.....	14.7	16.1	4.5	9.7	13.2	159.7	183.1	210.3	219.8	241.2	273.1
North Central.....	13.8	13.4	4.0	10.8	16.1	39.5	45.0	51.1	53.1	58.8	68.4
South.....	12.7	14.3	10.1	13.3	16.5	33.5	37.7	43.0	47.4	53.7	62.7
West.....	30.1	33.7	16.7	40.4	38.9	4.0	5.3	7.0	8.2	11.5	16.0
<b>New England</b> .....	12.9	10.3	3.3	10.4	12.8	105.7	119.4	129.2	133.5	147.5	166.5
Maine.....	3.5	3.8	6.2	7.9	6.1	24.8	25.7	25.7	27.3	29.4	31.3
New Hampshire.....	2.9	5.0	5.6	8.5	13.8	47.7	49.1	51.6	54.5	59.1	67.3
Vermont.....	-1.0	2.0	-0.1	5.2	3.2	39.0	38.6	38.8	38.7	40.7	42.0
Massachusetts.....	14.4	10.3	1.6	8.7	9.8	418.8	479.2	537.4	545.9	596.2	654.6
Rhode Island.....	11.4	13.7	3.8	11.0	8.5	508.5	566.4	649.8	674.2	748.5	812.4
Connecticut.....	23.9	16.4	6.4	17.4	26.3	231.3	286.4	328.0	348.9	409.7	517.5
<b>Middle Atlantic</b> .....	15.2	18.0	4.9	9.5	13.3	193.2	222.6	261.3	274.0	300.1	340.1
New York.....	14.0	21.2	7.1	10.0	13.2	191.2	217.9	262.6	281.2	309.3	350.1
New Jersey.....	24.4	28.1	2.9	16.2	25.5	337.7	420.0	537.3	553.1	642.8	806.7
Pennsylvania.....	13.8	10.5	2.8	6.0	7.8	171.0	194.6	213.8	219.8	233.1	251.5
<b>East North Central</b> .....	17.7	17.8	5.3	14.2	19.2	74.3	87.5	103.2	108.7	124.1	148.0
Ohio.....	20.8	15.4	3.9	15.0	22.1	117.0	141.4	161.6	168.0	193.8	236.9
Indiana.....	8.5	10.5	5.8	14.8	18.5	74.9	81.3	89.4	94.7	108.7	128.9
Illinois.....	15.0	17.7	3.5	10.3	15.7	100.6	115.7	136.4	141.2	155.8	180.3
Michigan.....	30.5	32.0	8.5	21.2	22.8	48.9	63.8	84.9	92.2	111.7	137.2
Wisconsin.....	12.8	11.7	6.8	9.5	15.1	42.2	47.6	53.7	57.3	62.8	72.2
<b>West North Central</b> .....	7.8	6.0	1.7	4.0	9.5	22.8	24.6	26.0	26.5	27.5	30.2
Minnesota.....	15.0	7.4	8.9	6.8	14.5	25.7	29.5	32.0	34.9	37.3	42.7
Iowa.....	8.1	2.8	2.7	3.3	5.2	40.0	43.2	44.1	45.3	46.8	49.2
Missouri.....	3.4	6.6	4.3	4.5	9.2	47.9	49.5	52.4	54.6	57.1	62.5
North Dakota.....	12.1	5.3	-3.5	2.1	8.2	9.2	9.2	9.7	9.2	8.8	9.1
South Dakota.....	9.0	8.8	-7.2	1.5	4.3	7.6	8.3	0.1	8.4	8.5	8.9
Nebraska.....	8.7	6.3	-4.5	0.7	6.5	15.5	16.9	18.0	17.2	17.3	18.4
Kansas.....	4.6	6.3	-4.3	5.8	14.3	20.7	21.6	22.9	21.9	23.2	26.6
<b>South Atlantic</b> .....	14.7	12.9	12.9	18.8	22.6	45.3	52.0	58.8	66.4	79.0	97.0
Delaware.....	10.2	6.9	11.8	19.4	40.3	109.0	113.5	120.5	134.7	160.8	225.0
Maryland.....	11.9	12.5	11.6	28.6	32.3	130.3	145.8	165.0	184.2	237.1	314.0
Dist. of Columbia.....	32.2	11.3	36.2	21.0	-4.8	5,617.8	7,292.9	7,981.5	10,870.3	13,150.5	12,523.9
Virginia.....	12.0	4.9	10.6	23.9	19.5	51.2	57.4	60.7	67.1	83.2	99.6
West Virginia.....	19.9	18.1	10.0	5.4	-7.2	50.8	60.9	71.8	79.0	83.3	77.3
North Carolina.....	16.0	23.9	12.7	13.7	12.2	45.3	52.5	64.5	72.7	82.7	92.9
South Carolina.....	11.1	3.3	9.3	11.4	12.5	40.7	55.2	66.8	62.1	69.9	78.9
Georgia.....	11.0	0.4	7.4	10.3	14.5	44.4	49.3	49.7	53.4	58.9	67.7
Florida.....	28.7	51.6	29.2	40.1	78.7	13.7	17.7	27.1	35.0	51.1	91.3
<b>East South Central</b> .....	5.7	11.2	9.0	6.5	5.0	46.8	49.5	54.8	59.7	63.8	67.0
Kentucky.....	5.5	8.2	8.8	3.5	3.2	57.0	60.1	65.2	70.9	73.9	76.2
Tennessee.....	7.0	11.9	11.4	12.9	8.4	52.4	56.1	62.4	69.5	78.8	85.4
Alabama.....	9.8	12.7	7.1	8.1	6.7	41.7	45.8	51.8	55.5	59.0	64.0
Mississippi.....	-0.4	12.2	8.7	-0.2	(*)	38.8	38.6	42.4	46.1	46.1	46.1
<b>West South Central</b> .....	16.6	18.9	7.3	11.3	16.6	20.4	23.8	28.3	30.3	33.8	39.5
Arkansas.....	11.3	5.8	5.1	-2.0	-6.5	30.0	33.4	35.2	37.0	36.3	34.0
Louisiana.....	8.6	16.9	12.5	13.5	21.4	36.5	39.6	46.5	52.3	59.4	72.2
Oklahoma.....	22.4	18.1	-2.5	-4.4	4.3	23.9	29.2	34.6	33.7	32.4	33.8
Texas.....	19.7	24.9	10.1	20.2	24.2	14.8	17.8	22.1	24.3	29.3	36.5
<b>Mountain</b> .....	26.7	11.0	12.1	22.3	35.1	3.1	3.9	4.3	4.8	5.9	8.0
Montana.....	46.0	-2.1	4.1	5.6	14.2	2.6	3.8	3.7	3.8	4.1	4.6
Idaho.....	32.6	3.0	17.9	12.1	13.3	3.9	5.2	5.4	6.3	7.1	8.1
Wyoming.....	33.2	16.0	11.2	15.9	13.6	1.5	2.0	2.3	2.6	3.0	3.4
Colorado.....	17.6	10.2	8.4	18.0	32.4	7.7	9.1	10.0	10.8	12.8	16.9
New Mexico.....	10.1	17.5	25.6	28.1	39.6	2.7	2.0	3.5	4.4	5.6	7.8
Arizona.....	63.5	30.3	14.6	50.1	73.7	1.8	2.0	3.8	4.4	6.6	11.5
Utah.....	20.4	13.0	8.4	25.2	29.3	4.5	5.5	6.2	6.7	8.4	10.8
Nevada.....	-5.5	17.6	21.1	45.2	78.2	0.7	0.7	0.8	1.0	1.6	2.6
<b>Pacific</b> .....	32.1	46.7	18.7	47.8	40.2	5.0	6.6	9.6	11.4	16.8	23.6
Washington.....	13.8	15.2	11.1	37.0	10.9	17.1	20.3	23.3	25.0	35.6	42.8
Oregon.....	16.4	21.8	14.2	39.6	16.3	7.0	8.2	9.9	11.3	15.8	18.4
California.....	44.1	65.7	21.7	53.3	48.5	15.3	22.0	35.2	44.1	67.5	100.4
Alaska.....	-14.5	7.7	22.3	77.4	75.8	0.1	0.1	10.1	10.1	0.2	0.4
Hawaii.....	33.4	43.9	14.9	18.1	26.6	30.0	39.0	57.5	66.0	78.0	98.6
Puerto Rico.....	16.3	18.8	21.1	18.3	6.3	326.6	379.7	451.0	546.1	645.8	684.4

<sup>1</sup> For United States, 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. However, 1930 figures are based on revised land areas used for 1940.

<sup>2</sup> Less than 0.1 percent.

Source: Department of Commerce, Bureau of the Census; Reports of Fourteenth and Sixteenth Censuses, Population, Vol. I, and U.S. Census of Population: 1960, Vol. I.

## No. 8. ESTIMATES OF COMPONENTS OF CHANGE IN POPULATION: 1940 TO 1961

[In thousands. Includes Alaska and Hawaii. Includes Armed Forces abroad]

YEAR	Net increase <sup>1</sup>	NATURAL INCREASE			Net civilian immigration	YEAR	Net increase <sup>1</sup>	NATURAL INCREASE			Net civilian immigration
		Total	Births <sup>2</sup>	Deaths <sup>3</sup>				Total	Births <sup>2</sup>	Deaths <sup>3</sup>	
1940.....	1,221	1,138	2,570	1,432	77	1955.....	2,925	2,591	4,128	1,537	337
1941.....	1,382	1,301	2,716	1,415	60	1956.....	3,058	2,672	4,244	1,572	387
1942.....	1,714	1,595	3,002	1,407	83	1957.....	2,961	2,691	4,332	1,641	272
1943.....	1,799	1,615	3,118	1,503	148	1958.....	2,915	2,623	4,279	1,655	292
1944.....	1,697	1,372	2,954	1,582	202	1959.....	2,939	2,650	4,313	1,663	292
1945.....	1,462	1,324	2,873	1,549	162	1960.....	2,926	2,601	4,307	1,706	326
1946.....	2,165	2,018	3,426	1,409	151	1961 <sup>4</sup> .....	2,978	2,627	4,329	1,702	348
1947.....	2,653	2,379	3,834	1,455	238	ANNUAL AVERAGE CHANGE Apr. 1, 1940, to Apr. 1, 1950.....	1,943	1,743	3,206	1,404	179
1948.....	2,533	2,201	3,655	1,453	280						
1949.....	2,556	2,215	3,607	1,422	323						
1950.....	2,486	2,177	3,645	1,468	299						
1951.....	2,698	2,344	3,845	1,501	335						
1952.....	2,663	2,421	3,933	1,512	242	Apr. 1, 1950, to Apr. 1, 1960.....	2,829	2,531	4,096	1,565	298
1953.....	2,717	2,457	3,989	1,531	261						
1954.....	2,808	2,613	4,102	1,489	287						

<sup>1</sup> Includes changes due to admissions into and discharges from, Armed Forces abroad, and "error of closure," (that amount necessary to make the components of change add to the net change between censuses), for which figures are not shown separately.

<sup>2</sup> Adjusted for underregistration.

<sup>3</sup> Adjusted for underregistration of infant deaths; includes estimates of deaths in Armed Forces abroad.

<sup>4</sup> Provisional estimates.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-25.

## No. 9. ESTIMATES OF COMPONENTS OF CHANGE IN POPULATION BETWEEN 1950 AND 1960, BY STATES

[In thousands. Covers period April 1, 1950, to April 1, 1960. Excludes Armed Forces abroad. Based on vital statistics and data on Armed Forces. For explanation of methodology, see source. Minus sign (-) denotes decrease. See also *Historical Statistics, Colonial Times to 1957*, series C 25-73]

STATE	NET INCREASE		Births	Deaths	Net total migration <sup>2</sup>	STATE	NET INCREASE		Births	Deaths	Net total migration <sup>2</sup>
	Num-ber	Per-cent <sup>1</sup>					Num-ber	Per-cent <sup>1</sup>			
U. S. ....	27,997	18.5	40,947	15,610	2,660	S. A.—Con.					
N. E. ....	1,195	12.8	2,218	1,046	23	W. Va. ....	-145	-7.2	474	172	-447
Maine ..	55	6.1	223	102	-66	N. C. ....	494	12.2	1,156	334	-328
N. H. ....	74	13.8	125	64	13	S. C. ....	266	12.5	675	188	-222
Vt. ....	12	3.2	93	43	-38	Ga. ....	499	14.5	1,031	319	-214
Mass. ....	458	9.8	1,089	538	-93	Fla. ....	2,180	78.7	915	351	1,617
R. I. ....	68	8.5	179	85	-26	E. S. C. ....	573	5.0	3,106	1,068	-1,464
Conn. ....	528	26.3	509	215	234	Ky. ....	93	3.2	766	283	-390
M. A. ....	4,065	13.3	7,037	3,344	312	Tenn. ....	275	8.4	850	302	-273
N. Y. ....	1,952	13.2	3,402	1,660	210	Ala. ....	205	6.7	851	277	-368
N. J. ....	1,231	25.5	1,194	540	577	Miss. ....	-1	( <sup>2</sup> )	639	206	-434
Pa. ....	821	7.8	2,440	1,144	-475	W. S. C. ....	2,414	16.6	4,317	1,316	-587
E. N. C. ....	5,826	19.2	8,376	3,249	699	Ark. ....	-123	6.5	470	161	-433
Ohio ..	1,760	22.1	2,221	869	409	La. ....	574	21.4	885	262	-50
Ind. ....	728	18.5	1,090	425	63	Okla. ....	95	4.3	520	206	-219
Ill. ....	1,369	15.7	2,215	970	124	Tex. ....	1,868	24.2	2,442	687	114
Mich. ....	1,451	22.8	1,926	631	166	Mt. ....	1,780	35.1	1,708	485	557
Wis. ....	617	15.1	925	354	-63	Mont. ....	84	14.2	171	62	-25
W. N. C. ....	1,333	9.5	3,614	1,461	-820	Idaho ..	79	13.3	169	51	-40
Minn. ....	431	14.5	822	294	-97	Wyo. ....	40	13.6	84	25	-20
Iowa. ....	136	5.2	640	271	-233	Colo. ....	429	32.4	401	135	164
Mo. ....	365	9.2	919	453	-130	N. Mex. ....	270	39.6	275	58	52
N. Dak. ....	13	2.1	170	52	-105	Ariz. ....	553	73.7	303	80	330
S. Dak. ....	28	4.3	183	61	-94	Utah. ....	202	29.3	246	54	10
Nebr. ....	86	6.5	336	133	-117	Nev. ....	125	78.2	59	20	80
Kans. ....	273	14.3	515	197	-44	Pac. ....	6,083	40.2	4,384	1,594	3,293
S. A. ....	4,789	22.6	6,188	2,046	647	Wash. ....	474	19.9	629	243	88
Del. ....	128	40.3	101	37	64	Oreg. ....	247	16.3	383	152	16
Md. ....	758	32.3	684	246	320	Calif. ....	5,131	48.5	3,142	1,156	3,145
D. C. ....	-38	-4.8	206	86	-158	Alaska ..	98	75.8	69	12	41
Va. ....	648	19.5	946	312	15	Hawaii ..	133	26.6	161	31	3

<sup>1</sup> Base is 1950 total population.

<sup>2</sup> Comprises both net immigration from abroad and net interdivisional or interstate migration according to the area shown. Includes movements of persons in the Armed Forces. <sup>3</sup> Less than 0.05 percent.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-25, No. 227.

## No. 10. POPULATION OF STANDARD METROPOLITAN STATISTICAL AREAS: 1960

[Minus sign (—) denotes decrease; percent increase based on areas as defined in 1960. A standard metropolitan statistical area is a county or group of contiguous counties (except in New England) which contains at least one city of 50,000 inhabitants or more or "twin cities" with a combined population of at least 50,000. In addition to the county, or counties, containing such a city or cities, contiguous counties are included in a standard metropolitan statistical area if, according to certain criteria, they are essentially metropolitan in character and are socially and economically integrated with the central city. In New England, towns and cities are the units used in defining standard metropolitan statistical areas. This list of areas is based on *Standard Metropolitan Statistical Areas, 1961*, issued by the Executive Office of the President, Bureau of the Budget]

STANDARD METROPOLITAN STATISTICAL AREA	1960, Apr. 1	Per- cent in- crease, 1950 to 1960	STANDARD METROPOLITAN STATISTICAL AREA	1960, Apr. 1	Per- cent in- crease, 1950 to 1960
United States (212 areas).....	112,885,178	26.4	Bay City, Mich.....	107,042	21.0
In central cities.....	58,004,334	10.7	Bay City.....	53,604	2.1
Outside central cities.....	54,880,844	48.6	Outside central city.....	53,438	48.7
Abilene, Tex.....	120,377	40.8	Beaumont-Port Arthur, Tex.....	306,016	29.9
Abilene.....	90,368	98.3	In central cities.....	185,851	22.6
Outside central city.....	30,009	-24.9	Beaumont.....	119,175	26.8
Akron, Ohio.....	513,569	25.3	Port Arthur.....	66,676	15.9
Akron.....	290,351	5.7	Outside central cities.....	120,165	42.9
Outside central city.....	223,218	64.8	Billings, Mont.....	79,016	41.4
Albany, Ga.....	75,680	73.5	Billings.....	52,851	66.0
Albany.....	55,890	79.4	Outside central city.....	26,165	8.8
Outside central city.....	19,790	58.8	Binghamton, N.Y.....	212,661	15.1
Albany-Schenectady-Troy, N.Y.....	657,503	11.6	Binghamton.....	75,941	-5.0
In central cities.....	278,900	-6.8	Outside central city.....	136,720	31.4
Albany.....	129,726	-3.9	Birmingham, Ala.....	634,864	13.6
Schenectady.....	81,682	-11.0	Birmingham.....	340,887	4.6
Troy.....	67,492	-6.7	Outside central city.....	293,977	26.2
Outside central cities.....	378,603	30.4	Boston, Mass.....	2,586,301	7.4
Albuquerque, N. Mex.....	262,199	80.0	Boston.....	697,197	-13.0
Albuquerque.....	201,189	107.8	Outside central city.....	1,892,104	17.6
Outside central city.....	61,010	24.0	Bridgeport, Conn.....	334,576	22.2
Allentown-Bethlehem-Easton, Pa.- N.J.....	492,168	12.4	Bridgeport.....	156,748	-1.2
In central cities.....	215,710	3.3	Outside central city.....	177,828	54.6
Allentown.....	108,347	1.5	Brockton, Mass.....	149,458	24.8
Bethlehem.....	75,408	13.7	Brockton.....	72,813	15.8
Easton.....	31,955	-10.3	Outside central city.....	76,645	34.8
Outside central cities.....	276,458	20.7	Brownsville-Harlingen-San Benito, Tex.....	151,098	20.7
Altoona, Pa.....	137,270	-1.6	In central cities.....	105,669	45.6
Altoona.....	69,407	-10.1	Brownsville.....	48,040	33.2
Outside central city.....	67,863	8.9	Harlingen.....	41,207	77.4
Amarillo, Tex.....	149,493	71.6	San Benito.....	16,422	23.7
Amarillo.....	137,969	85.8	Outside central cities.....	45,429	-13.6
Outside central city.....	11,524	-10.6	Buffalo, N.Y.....	1,306,957	20.0
Ann Arbor, Mich.....	172,440	28.1	Buffalo.....	532,759	-8.2
Ann Arbor.....	67,340	30.6	Outside central city.....	774,198	52.1
Outside central city.....	105,100	21.7	Canton, Ohio.....	340,345	20.2
Asheville, N.C.....	130,074	4.6	Canton.....	113,631	-2.8
Asheville.....	60,192	13.6	Outside central city.....	226,714	36.3
Outside central city.....	69,882	-2.1	Cedar Rapids, Iowa.....	136,890	31.3
Atlanta, Ga.....	1,017,188	39.9	Cedar Rapids.....	92,035	27.3
Atlanta.....	487,455	47.1	Outside central city.....	44,854	40.3
Outside central city.....	529,733	33.9	Champaign-Urbana, Ill.....	132,436	24.8
Atlantic City, N.J.....	160,880	21.5	In central cities.....	76,877	23.2
Atlantic City.....	59,544	-3.4	Champaign.....	49,583	25.3
Outside central city.....	101,336	43.2	Urbana.....	27,294	19.5
Augusta, Ga.-S.C.....	216,639	33.7	Outside central cities.....	55,559	27.1
Augusta.....	70,626	-1.2	Charleston, S.C.....	216,382	31.3
Outside central city.....	146,013	61.3	Charleston.....	65,925	-6.1
Austin, Tex.....	212,136	31.8	Outside central city.....	150,457	58.9
Austin.....	186,545	40.8	Charleston, W. Va.....	252,025	5.5
Outside central city.....	25,591	-10.3	Charleston.....	85,796	16.7
Bakersfield, Calif.....	201,984	27.9	Outside central city.....	167,129	0.6
Bakersfield.....	56,848	63.4	Charlotte, N.C.....	272,111	38.1
Outside central city.....	235,136	21.5	Charlotte.....	201,564	50.4
Baltimore, Md.....	1,727,023	22.9	Outside central city.....	70,547	12.0
Baltimore.....	939,024	-1.1	Chattanooga, Tenn.-Ga.....	283,169	14.9
Outside central city.....	787,999	72.9	Chattanooga.....	130,009	-0.8
Baton Rouge, La.....	230,058	45.4	Outside central city.....	153,160	32.7
Baton Rouge.....	152,419	21.3			
Outside central city.....	77,639	138.1			

**No. 10. POPULATION OF STANDARD METROPOLITAN STATISTICAL AREAS:  
1960—Continued**

STANDARD METROPOLITAN STATISTICAL AREA	1960, Apr. 1	Per- cent in- crease, 1950 to 1960	STANDARD METROPOLITAN STATISTICAL AREA	1960, Apr. 1	Per- cent in- crease, 1950 to 1960
Chicago, Ill.....	6,220,913	20.1	Erie, Pa.....	250,682	14.3
Chicago.....	3,550,404	-1.9	Erie.....	138,440	5.8
Outside central city.....	2,670,509	71.5	Outside central city.....	112,242	26.7
Cincinnati, Ohio-Ky.....	1,071,624	18.5	Eugene, Oreg.....	162,890	29.5
Cincinnati.....	502,550	-0.3	Eugene.....	50,977	42.1
Outside central city.....	569,074	42.1	Outside central city.....	111,913	24.5
Cleveland, Ohio.....	1,796,595	22.6	Evansville, Ind.-Ky.....	190,313	4.3
Cleveland.....	876,050	-4.2	Evansville.....	141,543	10.0
Outside central city.....	920,545	67.2	Outside central city.....	57,770	-7.6
Colorado Springs, Colo.....	143,742	92.9	Fall River, Mass.-R.I.....	138,156	0.6
Colorado Springs.....	70,194	54.4	Fall River.....	99,942	-10.7
Outside central city.....	73,548	153.2	Outside central city.....	38,214	50.8
Columbia, S.C.....	260,828	30.6	Fargo-Moorhead, N. Dak.-Minn.....	106,027	18.8
Columbia.....	97,433	12.1	In central cities.....	69,596	31.0
Outside central city.....	163,395	63.5	Fargo.....	46,662	22.0
Columbus, Ga.-Ala.....	217,985	27.8	Moorhead.....	22,934	54.2
Columbus.....	116,770	40.7	Outside central cities.....	36,431	0.9
Outside central city.....	101,206	11.3	Fitchburg-Leominster, Mass.....	82,486	10.1
Columbus, Ohio.....	682,962	35.7	In central cities.....	70,850	6.3
Columbus.....	471,316	25.4	Fitchburg.....	43,021	0.8
Outside central city.....	211,646	66.0	Leominster.....	27,929	16.0
Corpus Christi, Tex.....	221,573	33.9	Outside central cities.....	11,536	41.1
Corpus Christi.....	167,600	64.0	Flint, Mich.....	374,313	38.1
Outside central city.....	53,883	-5.8	Flint.....	196,940	20.7
Dallas, Tex.....	1,083,601	45.7	Outside central city.....	177,373	64.5
Dallas.....	679,084	56.4	Fort Lauderdale-Hollywood, Fla.....	333,946	297.9
Outside central city.....	403,917	30.7	In central cities.....	115,885	134.6
Davenport - Rock Island - Moline, Iowa-Ill.....	270,058	15.3	Fort Lauderdale.....	83,648	130.3
In central cities.....	183,549	14.2	Hollywood.....	35,237	145.5
Davenport.....	88,981	19.4	Outside central cities.....	215,061	546.7
Moline.....	42,705	14.2	Fort Smith, Ark.....	66,685	3.9
Rock Island.....	51,863	6.5	Fort Smith.....	52,991	10.5
Outside central cities.....	86,509	17.5	Outside central city.....	13,694	-15.8
Dayton, Ohio.....	694,623	33.9	Fort Wayne, Ind.....	232,196	26.4
Dayton.....	262,332	7.6	Fort Wayne.....	161,776	21.1
Outside central city.....	432,291	57.3	Outside central city.....	70,420	40.5
Decatur, Ill.....	118,257	10.6	Fort Worth, Tex.....	573,215	46.0
Decatur.....	78,004	17.7	Fort Worth.....	356,268	27.8
Outside central city.....	40,253	23.5	Outside central city.....	216,947	90.5
Denver, Colo.....	929,383	51.8	Fresno, Calif.....	365,945	32.3
Denver.....	493,887	18.8	Fresno.....	133,929	46.1
Outside central city.....	435,496	121.8	Outside central city.....	232,016	25.5
Des Moines, Iowa.....	266,315	17.8	Gadsden, Ala.....	96,980	3.3
Des Moines.....	208,982	17.4	Gadsden.....	58,038	4.2
Outside central city.....	57,333	19.3	Outside central city.....	38,892	1.9
Detroit, Mich.....	3,762,360	24.7	Galveston-Texas City, Tex.....	140,364	24.1
Detroit.....	1,670,144	-0.7	In central cities.....	99,240	19.3
Outside central city.....	2,092,216	79.3	Galveston.....	67,175	0.9
Dubuque, Iowa.....	80,048	12.2	Texas City.....	32,065	92.9
Dubuque.....	56,006	14.0	Outside central cities.....	41,124	37.6
Outside central city.....	23,442	8.2	Gary-Hammond-East Chicago, Ind.....	573,548	40.5
Duluth-Superior, Minn.-Wis.....	276,596	9.4	In central cities.....	347,687	26.1
In central cities.....	140,447	0.4	East Chicago.....	57,669	6.3
Duluth.....	109,884	2.3	Gary.....	178,320	33.2
Superior.....	33,563	-5.0	Hammond.....	111,698	27.5
Outside central cities.....	136,149	20.5	Outside central cities.....	225,861	70.5
Durham, N.C.....	111,995	10.2	Grand Rapids, Mich.....	363,187	26.0
Durham.....	78,302	9.8	Grand Rapids.....	177,313	0.5
Outside central city.....	33,693	11.1	Outside central city.....	185,874	66.3
El Paso, Tex.....	314,070	61.1	Great Falls, Mont.....	73,418	38.5
El Paso.....	276,687	112.0	Great Falls.....	55,857	41.2
Outside central city.....	37,383	-42.0	Outside central city.....	18,061	30.8
			Green Bay, Wis.....	125,082	27.2
			Green Bay.....	62,888	19.3
			Outside central city.....	62,194	36.5

† This figure officially revised to 55,244; area total and total for "outside central city" remain as shown.



## Metropolitan Statistical Areas

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No. 10. POPULATION OF STANDARD METROPOLITAN STATISTICAL AREAS:  
1960—Continued

STANDARD METROPOLITAN STATISTICAL AREA	1960, Apr. 1	Per- cent in- crease, 1950 to 1960	STANDARD METROPOLITAN STATISTICAL AREA	1960, Apr. 1	Per- cent in- crease, 1950 to 1960
Greensboro-High Point, N.C.	246,520	23.0	Lancaster, Pa.	278,359	18.6
In central cities	181,637	58.8	Lancaster	61,055	-4.3
Greensboro	119,574	60.7	Outside central city	217,304	27.1
High Point	62,063	55.3	Lansing, Mich.	298,949	22.4
Outside central cities	64,883	-15.4	Lansing	107,807	17.0
Greenville, S.C.	209,776	24.8	Outside central city	191,142	25.7
Greenville	66,188	13.8	Laredo, Tex.	64,791	15.4
Outside central city	143,588	30.5	Laredo	60,678	16.9
Hamilton-Middletown, Ohio	199,076	35.2	Outside central city	4,113	-2.8
In central cities	114,409	24.9	Las Vegas, Nev.	127,016	163.0
Hamilton	72,354	24.9	Las Vegas	64,405	161.6
Middletown	42,115	25.0	Outside central city	62,611	164.6
Outside central cities	84,667	52.3	Lawrence-Haverhill, Mass.-N.H.	187,601	2.8
Harrisburg, Pa.	345,071	18.1	In central cities	117,279	-8.2
Harrisburg	79,697	-11.0	Haverhill	46,546	-2.0
Outside central city	265,374	30.9	Lawrence	70,933	-11.9
Hartford, Conn.	525,207	29.2	Outside central cities	70,322	28.7
Hartford	182,178	-8.6	Lawton, Okla.	90,893	64.6
Outside central city	363,029	58.4	Lawton	61,697	77.5
Honolulu, Hawaii	500,409	41.8	Outside central city	29,106	42.6
Honolulu	294,194	18.6	Lewiston-Auburn, Me.	70,295	2.7
Outside central city	206,215	96.4	In central cities	65,253	1.8
Houston, Tex.	1,243,158	54.1	Auburn	24,449	5.7
Houston	938,219	57.4	Lewiston	40,804	-0.4
Outside central city	304,939	44.8	Outside central cities	5,042	16.8
Huntington-Ashland, W.Va.-Ky.			Lexington, Ky.	131,906	30.9
Ohio	254,780	3.7	Lexington	62,810	13.1
In central cities	114,910	-2.2	Outside central city	69,096	62.8
Ashland	31,283	0.5	Lima, Ohio	103,691	17.6
Huntington	83,627	-3.2	Lima	51,037	1.6
Outside central cities	139,870	9.0	Outside central city	52,654	38.8
Huntsville, Ala.	117,348	61.0	Lincoln, Nebr.	155,272	29.7
Huntsville	72,365	340.3	Lincoln	128,521	30.0
Outside central city	44,983	-20.3	Outside central city	20,751	28.3
Indianapolis, Ind.	697,567	26.4	Little Rock-North Little Rock, Ark.	242,980	23.5
Indianapolis	476,258	11.5	In central cities	165,845	13.4
Outside central city	221,309	77.6	Little Rock	107,813	5.5
Jackson, Mich.	131,994	22.3	North Little Rock	58,082	31.0
Jackson	50,720	-0.7	Outside central cities	77,135	53.1
Outside central city	81,274	43.0	Lorain-Elyria, Ohio	217,500	46.8
Jackson, Miss.	187,045	31.6	In central cities	112,714	38.3
Jackson	144,422	47.0	Elyria	43,782	44.5
Outside central city	42,623	-2.9	Lorain	68,932	34.6
Jacksonville, Fla.	455,411	49.8	Outside central cities	104,786	57.4
Jacksonville	201,030	-1.7	Los Angeles-Long Beach, Calif.	6,742,696	64.2
Outside central city	254,381	155.6	In central cities	2,823,183	27.1
Jersey City, N.J.	610,734	-5.7	Long Beach	344,168	37.2
Jersey City	276,101	-7.7	Los Angeles	2,479,015	25.8
Outside central city	334,633	-4.0	Outside central cities	3,919,513	82.6
Johnstown, Pa.	280,733	-3.6	Louisville, Ky.-Ind.	725,139	25.7
Johnstown	53,949	-14.7	Louisville	390,639	5.8
Outside central city	226,784	-0.6	Outside central city	334,500	61.0
Kalamazoo, Mich.	169,712	33.9	Lowell, Mass.	157,982	16.2
Kalamazoo	82,089	42.3	Lowell	92,107	-5.3
Outside central city	87,623	27.0	Outside central city	65,875	70.1
Kansas City, Mo.-Kans.	1,030,493	27.6	Lubbock, Tex.	156,271	54.7
Kansas City	475,539	4.1	Lubbock	128,691	79.4
Outside central city	553,954	57.6	Outside central city	27,580	-5.9
Kenosha, Wis.	100,615	33.7	Lynchburg, Va.	110,701	14.2
Kenosha	67,899	24.9	Lynchburg	54,790	14.8
Outside central city	32,716	56.8	Outside central city	55,911	13.6
Knoxville, Tenn.	368,080	9.2	Macon, Ga.	180,403	33.6
Knoxville	111,827	-10.4	Macon	69,764	-0.7
Outside central city	256,253	20.7	Outside central city	110,639	70.8
Lake Charles, La.	145,475	62.3	Madison, Wis.	222,095	31.1
Lake Charles	63,392	53.6	Madison	126,706	31.9
Outside central city	82,083	69.7	Outside central city	96,389	30.1

**No. 10. POPULATION OF STANDARD METROPOLITAN STATISTICAL AREAS:  
1960—Continued**

STANDARD METROPOLITAN STATISTICAL AREA	1960, Apr. 1	Per- cent in- crease, 1950 to 1960	STANDARD METROPOLITAN STATISTICAL AREA	1960, Apr. 1	Per- cent in- crease, 1950 to 1960
Manchester, N.H. ....	95,512	8.1	Newport News-Hampton, Va. ....	224,503	44.0
Manchester .....	88,282	6.7	In central cities .....	202,920	319.0
Outside central city .....	7,230	28.2	Hampton .....	80,258	1,306.1
Memphis, Tenn. ....	627,019	30.0	Newport News .....	113,602	168.3
Memphis .....	497,524	25.6	Outside central cities .....	21,583	-79.8
Outside central city .....	129,495	49.9	Norfolk-Portsmouth, Va. ....	578,507	20.7
Meriden, Conn. ....	51,850	17.6	In central cities .....	420,645	43.3
Meriden .....	51,850	17.6	Norfolk .....	305,872	43.3
Miami, Fla. ....	935,047	88.9	Portsmouth .....	114,773	43.4
Miami .....	291,688	17.0	Outside central cities .....	157,802	3.4
Outside central city .....	643,359	161.7	Norwalk, Conn. ....	96,756	47.3
Midland, Tex. ....	67,717	162.6	Norwalk .....	67,775	37.0
Midland .....	62,625	188.4	Outside central city .....	28,981	78.6
Outside central city .....	5,092	25.0	Odessa, Tex. ....	90,995	116.1
Milwaukee, Wis. ....	1,194,290	24.8	Odessa .....	80,338	172.4
Milwaukee .....	741,324	16.3	Outside central city .....	10,657	-15.6
Outside central city .....	452,966	41.7	Ogden, Utah .....	110,744	32.9
Minneapolis-St. Paul, Minn. ....	1,482,030	28.8	Ogden .....	70,197	22.0
In central cities .....	796,283	-4.4	Outside central city .....	40,547	54.7
Minneapolis .....	482,872	-7.4	Oklahoma City, Okla. ....	511,833	30.4
St. Paul .....	313,411	0.7	Oklahoma City .....	324,255	33.2
Outside central cities .....	685,747	115.7	Outside central city .....	187,580	25.0
Mobile, Ala. ....	314,301	36.0	Omaha, Nebraska-Iowa .....	457,873	25.0
Mobile .....	202,779	67.2	Omaha .....	301,698	20.1
Outside central city .....	111,522	9.2	Outside central city .....	156,275	35.6
Monroe, La. ....	101,603	36.1	Orlando, Fla. ....	318,487	124.6
Monroe .....	52,210	35.4	Orlando .....	88,135	68.3
Outside central city .....	40,444	36.8	Outside central city .....	230,352	167.5
Montgomery, Ala. ....	160,210	21.8	Paterson-Clifton-Passaic, N.J. ....	1,186,873	35.5
Montgomery .....	134,303	26.2	In central cities .....	279,710	6.0
Outside central city .....	34,817	7.3	Clifton .....	82,084	27.2
Muncie, Ind. ....	110,938	22.9	Passaic .....	53,963	-6.5
Muncie .....	68,603	17.3	Paterson .....	143,663	3.1
Outside central city .....	42,335	33.2	Outside central cities .....	907,163	47.6
Muskegon-Muskegon Heights, Mich. ....	149,943	23.4	Pensacola, Fla. ....	203,376	54.9
In central cities .....	66,037	-1.8	Pensacola .....	56,752	30.5
Muskegon .....	46,485	-4.0	Outside central city .....	146,624	67.0
Muskegon Heights .....	19,552	3.8	Peoria, Ill. ....	288,833	15.3
Outside central cities .....	83,906	54.6	Peoria .....	103,162	-7.8
Nashville, Tenn. ....	399,743	24.2	Outside central city .....	185,671	33.9
Nashville .....	170,874	-2.0	Philadelphia, Pa.-N.J. ....	4,342,897	18.3
Outside central city .....	228,869	55.2	Philadelphia .....	2,002,512	-3.3
New Bedford, Mass. ....	143,176	0.8	Outside central city .....	2,340,385	46.3
New Bedford .....	102,477	-6.1	Phoenix, Ariz. ....	663,510	100.0
Outside central city .....	40,699	24.1	Phoenix .....	439,170	311.1
New Britain, Conn. ....	129,307	24.1	Outside central city .....	224,340	-0.3
New Britain .....	82,201	11.5	Pittsburgh, Pa. ....	2,405,435	8.7
Outside central city .....	47,106	54.6	Pittsburgh .....	604,332	-10.7
New Haven, Conn. ....	311,681	15.6	Outside central city .....	1,801,103	17.2
New Haven .....	152,048	-7.5	Pittsfield, Mass. ....	73,839	10.9
Outside central city .....	159,633	51.6	Pittsfield .....	57,879	8.5
New London-Groton-Norwich, Conn. ....	156,913	27.4	Outside central city .....	15,960	20.7
In central cities .....	72,638	6.6	Portland, Me. ....	120,655	0.6
New London .....	34,182	11.9	Portland .....	72,566	-6.5
Norwich .....	38,506	2.3	Outside central city .....	48,089	13.7
Outside central cities .....	84,225	53.3	Portland, Oreg.-Wash. ....	821,897	16.6
New Orleans, La. ....	868,480	26.7	Portland .....	372,676	-0.3
New Orleans .....	627,625	10.0	Outside central city .....	449,221	35.6
Outside central city .....	240,855	109.6	Providence-Pawtucket, R.I.-Mass. ....	816,148	7.4
New York, N.Y. ....	10,604,633	11.9	In central cities .....	288,490	-12.6
New York .....	7,781,984	-1.4	Pawtucket .....	81,001	-0.5
Outside central city .....	2,912,649	75.0	Providence .....	207,498	-16.6
Newark, N.J. ....	1,689,420	15.0	Outside central cities .....	527,649	22.7
Newark .....	405,220	-7.6			
Outside central city .....	1,284,200	24.7			

<sup>2</sup> This figure officially revised to 304,869; area total and total for "outside central cities" remain as shown.

## Metropolitan Statistical Areas

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No. 10. POPULATION OF STANDARD METROPOLITAN STATISTICAL AREAS:  
1960—Continued

STANDARD METROPOLITAN STATISTICAL AREA	1960, Apr. 1	Per- cent in- crease, 1950 to 1960	STANDARD METROPOLITAN STATISTICAL AREA	1960, Apr. 1	Per- cent in- crease, 1950 to 1960
Provo-Orem, Utah.....	106,991	30.6	San Francisco-Oakland, Calif.....	2,783,859	24.2
In central cities.....	54,441	46.0	In central cities.....	1,107,864	-4.5
Orem.....	18,304	120.3	Oakland.....	367,548	-4.4
Provo.....	36,047	24.6	San Francisco.....	740,316	-4.5
Outside central cities.....	52,550	17.8	Outside central cities.....	1,675,495	55.0
Pueblo, Colo.....	118,707	31.6	San Jose, Calif.....	642,315	121.1
Pueblo.....	91,181	43.2	San Jose.....	204,196	114.3
Outside central city.....	27,526	3.9	Outside central city.....	438,119	124.4
Racine, Wis.....	141,781	29.4	Santa Barbara, Calif.....	168,962	72.0
Racine.....	89,144	25.2	Santa Barbara.....	58,708	30.8
Outside central city.....	52,637	37.1	Outside central city.....	110,194	106.7
Raleigh, N.C.....	169,082	23.9	Savannah, Ga.....	188,299	24.3
Raleigh.....	93,931	43.0	Savannah.....	149,245	24.7
Outside central city.....	75,151	6.2	Outside central city.....	39,054	22.6
Reading, Pa.....	275,414	7.7	Seranton, Pa.....	234,531	-8.9
Reading.....	98,177	-10.2	Seranton.....	111,443	-11.2
Outside central city.....	177,237	21.0	Outside central city.....	123,088	-6.7
Reno, Nev.....	84,743	68.8	Seattle, Wash.....	1,107,213	31.1
Reno.....	51,470	58.4	Seattle.....	557,087	19.1
Outside central city.....	33,273	87.9	Outside central city.....	550,126	45.9
Richmond, Va.....	408,494	24.5	Shreveport, La.....	284,481	29.0
Richmond.....	210,958	-4.5	Shreveport.....	164,372	20.2
Outside central city.....	198,536	92.9	Outside central city.....	117,109	30.9
Roanoke, Va.....	158,803	10.0	Sioux City, Iowa.....	107,549	3.8
Roanoke.....	97,110	5.6	Sioux City.....	89,159	6.2
Outside central city.....	61,693	48.7	Outside central city.....	18,690	-6.2
Rochester, N.Y.....	586,387	20.3	Sioux Falls, S. Dak.....	86,575	22.1
Rochester.....	318,611	-4.2	Sioux Falls.....	65,466	24.2
Outside central city.....	267,776	72.6	Outside central city.....	21,109	15.9
Rockford, Ill.....	209,765	37.7	South Bend, Ind.....	238,614	16.4
Rockford.....	126,766	36.4	South Bend.....	132,445	14.3
Outside central city.....	83,059	30.7	Outside central city.....	106,169	19.1
Sacramento, Calif.....	502,778	81.4	Spokane, Wash.....	278,333	25.6
Sacramento.....	191,667	39.3	Spokane.....	181,608	12.3
Outside central city.....	311,111	122.9	Outside central city.....	96,725	61.6
Saginaw, Mich.....	190,752	24.3	Springfield, Ill.....	146,539	11.5
Saginaw.....	98,265	5.8	Springfield.....	83,271	2.0
Outside central city.....	92,487	52.6	Outside central city.....	63,268	26.9
St. Joseph, Mo.....	90,581	-6.4	Springfield, Mo.....	126,276	20.5
St. Joseph.....	79,673	1.4	Springfield.....	95,865	43.7
Outside central city.....	10,908	-40.2	Outside central city.....	30,411	-20.2
St. Louis, Mo.-Ill.....	2,060,103	19.8	Springfield, Ohio.....	131,440	17.7
St. Louis.....	750,026	-12.5	Springfield.....	82,723	5.4
Outside central city.....	1,310,077	51.9	Outside central city.....	48,717	46.9
Salt Lake City, Utah.....	383,035	39.3	Springfield-Chicopee-Holyoke, Mass.....	478,592	15.7
Salt Lake City.....	189,454	4.0	In central cities.....	288,705	8.4
Outside central city.....	193,581	108.7	Chicopee.....	61,553	25.1
San Angelo, Tex.....	64,630	9.7	Holyoke.....	52,689	-3.6
San Angelo.....	58,815	12.9	Springfield.....	174,463	7.4
Outside central city.....	5,815	-14.9	Outside central cities.....	180,887	29.0
San Antonio, Tex.....	687,151	37.3	Stamford, Conn.....	178,409	32.3
San Antonio.....	587,718	43.9	Stamford.....	92,713	24.8
Outside central city.....	99,433	8.1	Outside central city.....	85,696	41.4
San Bernardino-Riverside-Ontario, Calif.....	809,782	79.3	Stenubenville-Weirton, Ohio-W. Va. In central cities.....	167,756	6.3
In central cities.....	222,871	68.0	Stenubenville.....	60,696	1.4
Ontario.....	46,617	103.8	Weirton.....	32,495	-9.4
Riverside.....	84,332	80.3	Outside central cities.....	28,201	17.5
San Bernardino.....	91,922	45.8	Outside central cities.....	107,060	9.3
Outside central cities.....	586,911	84.0	Stockton, Calif.....	249,950	24.5
San Diego, Calif.....	1,033,011	85.5	Stockton.....	86,321	21.8
San Diego.....	573,224	71.4	Outside central city.....	163,668	26.0
Outside central city.....	459,787	106.7	Syracuse, N.Y.....	563,781	21.2
			Syracuse.....	216,038	-2.1
			Outside central city.....	347,743	42.2

**NO. 10. POPULATION OF STANDARD METROPOLITAN STATISTICAL AREAS:  
1960—Continued**

STANDARD METROPOLITAN STATISTICAL AREA	1960, Apr. 1	Per- cent in- crease, 1950 to 1960	STANDARD METROPOLITAN STATISTICAL AREA	1960, Apr. 1	Per- cent in- crease, 1950 to 1960
Tacoma, Wash. ....	321,500	16.6	Wheeling, W. Va.-Ohio .....	190,342	-3.0
Tacoma .....	147,979	3.0	Wheeling .....	53,400	-9.3
Outside central city .....	173,611	31.3	Outside central city .....	136,942	-0.3
Tampa-St. Petersburg, Fla. ....	772,453	88.8	Wichita, Kans. ....	343,231	54.4
In central cities .....	456,268	106.1	Wichita .....	254,698	51.4
St. Petersburg .....	181,298	87.4	Outside central city .....	88,533	63.9
Tampa .....	274,970	120.5	Wichita Falls, Tex. ....	120,638	23.1
Outside central cities .....	316,185	68.4	Wichita Falls .....	101,724	49.5
Terre Haute, Ind. ....	108,458	3.1	Outside central city .....	27,914	-25.1
Terre Haute .....	72,500	12.9	Wilkes-Barre-Hazleton, Pa. ....	346,972	-11.5
Outside central city .....	35,958	-12.2	In central cities .....	95,607	-14.9
Texarkana, Tex.-Ark. ....	91,657	-2.1	Hazleton .....	32,056	-9.7
In central cities .....	50,006	23.1	Wilkes-Barre .....	63,551	-17.3
Texarkana, Ark. ....	19,788	24.6	Outside central cities .....	251,365	-10.2
Texarkana, Tex. ....	30,218	22.1	Wilmington, Del.-N.J. ....	366,157	36.4
Outside central cities .....	41,051	-22.8	Wilmington .....	95,827	-13.2
Toledo, Ohio .....	456,931	15.5	Outside central city .....	270,330	71.1
Toledo .....	318,003	4.7	Winston-Salem, N.C. ....	189,428	20.6
Outside central city .....	138,928	51.1	Winston-Salem .....	111,135	23.6
Topeka, Kans. ....	141,236	34.0	Outside central city .....	78,293	34.2
Topeka .....	119,484	51.6	Worcester, Mass. ....	323,306	6.7
Outside central city .....	21,802	-18.1	Worcester .....	186,587	-8.3
Trenton, N.J. ....	266,392	15.9	Outside central city .....	136,719	37.3
Trenton .....	114,167	-10.8	York, Pa. ....	238,336	17.6
Outside central city .....	152,225	49.6	York .....	54,504	-0.1
Tucson, Ariz. ....	265,000	88.1	Outside central city .....	183,832	28.7
Tucson .....	212,892	368.4	Youngstown-Warren, Ohio. ....	509,006	22.2
Outside central city .....	52,798	-44.9	In central cities .....	226,337	3.7
Tulsa, Okla. ....	418,974	27.8	Warren .....	59,648	19.6
Tulsa .....	261,685	43.2	Youngstown .....	166,689	-1.0
Outside central city .....	157,289	8.4	Outside central cities .....	282,669	42.5
Tuscaloosa, Ala. ....	109,047	15.9	STANDARD CONSOLIDATED AREAS		
Tuscaloosa .....	63,370	36.6	New York-Northeastern New Jer-		
Outside central city .....	45,677	-4.2	sey .....	14,750,420	14.3
Tyler, Tex. ....	86,350	15.6	New York, N.Y., SMSA .....	10,694,633	11.9
Tyler .....	51,230	31.5	Newark, N.J., SMSA .....	1,689,420	15.0
Outside central city .....	35,120	-1.7	Jersey City, N.J., SMSA .....	610,734	-5.7
Utica-Rome, N.Y. ....	330,771	10.4	Paterson-Clifton-Passaic, N.J.,		
In central cities .....	152,056	6.2	SMSA .....	1,186,873	35.5
Rome .....	51,646	23.9	Middlesex County, N.J. ....	433,856	63.8
Utica .....	109,410	-1.1	Somerset County, N.J. ....	143,913	45.3
Outside central cities .....	178,715	26.7	Chicago, Ill.-Northwestern Indiana.		
Waco, Tex. ....	150,091	15.3	Chicago, Ill., SMSA .....	6,794,461	21.6
Waco .....	97,808	15.5	Gary-Hammond-East Chicago,		
Outside central city .....	52,283	14.9	Ind., SMSA .....	573,548	40.5
Washington, D.C.-Md.-Va. ....	2,091,897	36.7	PUERTO RICO		
Washington .....	763,956	-4.8	Mayaguez .....	83,850	-4.0
Outside central city .....	1,237,941	87.0	Mayaguez .....	50,147	-14.9
Waterbury, Conn. ....	181,638	17.4	Outside central city .....	33,703	18.8
Waterbury .....	107,130	2.5	Ponce .....	145,586	14.8
Outside central city .....	74,508	48.5	Ponce .....	114,286	14.9
Waterloo, Iowa .....	122,482	21.9	Outside central city .....	31,300	14.6
Waterloo .....	71,755	10.1	San Juan .....	588,805	26.4
Outside central city .....	50,727	43.9	San Juan .....	432,377	21.0
West Palm Beach, Fla. ....	228,106	98.9	Outside central city .....	156,428	44.1
West Palm Beach .....	56,208	30.2			
Outside central city .....	171,893	140.3			

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Population: 1960*, Vol. I.

# No. 11. POPULATION OF THE UNITED STATES, BY AREA OF RESIDENCE, BY REGIONS, DIVISIONS, AND STATES: 1960

[In thousands. Covers 212 areas listed in *Standard Metropolitan Statistical Areas, 1961*, issued by the Bureau of the Budget. For definitions, see headnote, table 10, and text, pp. 1, 2. Central cities are those cities named in the title of each standard metropolitan statistical area, as listed in table 10]

REGION, DIVISION, AND STATE	Total population	WITHIN STANDARD METROPOLITAN STATISTICAL AREAS					OUTSIDE STANDARD METROPOLITAN STATISTICAL AREAS			
		Total	Urban		Rural		Total	Rural		
			Central cities	Other	Places of 1,000 to 2,500	Other		Urban	Places of 1,000 to 2,500	Other
<b>United States.....</b>	<b>179,323</b>	<b>112,885</b>	<b>58,004</b>	<b>41,558</b>	<b>1,283</b>	<b>12,040</b>	<b>66,438</b>	<b>25,706</b>	<b>5,214</b>	<b>35,518</b>
<b>Regions:</b>										
Northeast.....	44,678	35,347	17,322	14,216	435	3,374	9,331	4,303	755	4,274
North Central.....	51,619	30,960	16,511	10,959	371	3,119	20,659	8,011	1,826	10,822
South.....	54,973	26,447	15,062	7,362	306	3,718	28,526	9,737	1,957	16,833
West.....	28,053	20,131	9,110	9,021	171	1,828	7,922	3,656	677	3,580
<b>New England.....</b>	<b>10,509</b>	<b>7,393</b>	<b>3,246</b>	<b>3,345</b>	<b>68</b>	<b>735</b>	<b>3,116</b>	<b>1,441</b>	<b>252</b>	<b>1,423</b>
Maine.....	969	191	138	42	3	0	778	318	71	390
New Hampshire.....	607	108	88	6	1	12	499	259	45	195
Vermont.....	390						390	150	40	200
Massachusetts.....	5,149	4,887	1,786	2,187	41	404	761	360	68	394
Rhode Island.....	850	741	288	386	5	62	119	68	2	48
Connecticut.....	2,535	1,966	945	754	19	248	569	286	26	287
<b>Middle Atlantic.....</b>	<b>34,168</b>	<b>27,954</b>	<b>14,076</b>	<b>10,871</b>	<b>367</b>	<b>2,640</b>	<b>6,215</b>	<b>2,862</b>	<b>503</b>	<b>2,850</b>
New York.....	16,782	14,353	9,356	3,966	111	919	2,430	1,009	198	1,223
New Jersey.....	6,067	4,788	1,355	3,329	33	291	1,279	911	50	310
Pennsylvania.....	11,319	8,813	3,685	3,575	223	1,430	2,506	942	246	1,318
<b>East North Central.....</b>	<b>36,225</b>	<b>24,294</b>	<b>12,660</b>	<b>8,856</b>	<b>306</b>	<b>2,473</b>	<b>11,931</b>	<b>4,919</b>	<b>948</b>	<b>6,064</b>
Ohio.....	9,706	6,748	3,454	2,445	78	772	2,958	1,224	263	1,531
Indiana.....	4,602	2,241	1,401	509	26	306	2,421	1,000	172	1,240
Illinois.....	10,081	7,755	4,113	3,006	102	533	2,326	1,021	253	1,071
Michigan.....	7,823	5,721	2,570	2,403	66	681	2,163	765	175	1,162
Wisconsin.....	3,962	1,829	1,122	492	35	181	2,123	909	164	1,060
<b>West North Central.....</b>	<b>15,394</b>	<b>6,666</b>	<b>3,851</b>	<b>2,103</b>	<b>64</b>	<b>647</b>	<b>8,728</b>	<b>3,092</b>	<b>878</b>	<b>4,759</b>
Minnesota.....	3,414	1,753	926	609	23	135	1,661	528	177	956
Iowa.....	2,758	916	608	159	16	133	1,842	696	181	955
Missouri.....	4,320	2,500	1,401	883	13	203	1,820	592	157	1,070
North Dakota.....	632	87	47	4	1	15	565	172	74	320
South Dakota.....	681	87	65	1	2	18	594	201	52	342
Nebraska.....	1,411	530	430	44	5	51	881	292	97	432
Kansas.....	2,179	814	374	343	5	92	1,365	612	140	614
<b>South Atlantic.....</b>	<b>25,972</b>	<b>13,401</b>	<b>6,220</b>	<b>4,554</b>	<b>157</b>	<b>2,109</b>	<b>12,931</b>	<b>4,977</b>	<b>895</b>	<b>7,958</b>
Delaware.....	446	307	96	171	4	37	139	26	13	99
Maryland.....	3,101	2,425	939	1,120	17	349	675	195	46	435
Dist. of Columbia.....	764	764	764							
Virginia.....	3,907	2,021	995	738	14	273	1,946	472	95	1,380
West Virginia.....	1,860	575	251	135	15	174	1,285	325	131	829
North Carolina.....	4,556	1,119	727	64	18	310	3,437	1,011	220	2,206
South Carolina.....	2,383	768	230	250	30	249	1,615	493	122	1,000
Georgia.....	3,943	1,814	950	620	27	317	2,129	711	153	1,266
Florida.....	4,952	3,247	1,260	1,548	31	390	1,705	845	116	744
<b>East South Central.....</b>	<b>12,050</b>	<b>4,344</b>	<b>2,411</b>	<b>1,138</b>	<b>38</b>	<b>757</b>	<b>7,706</b>	<b>2,282</b>	<b>438</b>	<b>4,987</b>
Kentucky.....	3,038	1,036	485	398	4	150	2,002	470	128	1,404
Tennessee.....	3,567	1,633	910	406	17	299	1,934	549	106	1,270
Alabama.....	3,267	1,488	872	327	15	274	1,779	592	95	1,091
Mississippi.....	2,178	187	144	6	3	34	1,991	670	108	1,213
<b>West South Central.....</b>	<b>16,951</b>	<b>9,063</b>	<b>6,430</b>	<b>1,670</b>	<b>110</b>	<b>852</b>	<b>7,888</b>	<b>3,377</b>	<b>621</b>	<b>3,887</b>
Arkansas.....	1,786	341	239	34	3	66	1,445	492	88	864
Louisiana.....	3,257	1,627	1,060	388	16	164	1,630	613	115	903
Oklahoma.....	2,328	1,022	648	235	14	125	1,307	582	112	613
Texas.....	9,580	6,073	4,484	1,013	78	497	3,507	1,690	309	1,508
<b>Mountain.....</b>	<b>6,855</b>	<b>3,348</b>	<b>2,047</b>	<b>915</b>	<b>27</b>	<b>360</b>	<b>3,507</b>	<b>1,640</b>	<b>339</b>	<b>1,528</b>
Montana.....	675	162	108	15		29	522	216	60	247
Idaho.....	667						667	317	66	294
Wyoming.....	330						330	188	26	116
Colorado.....	1,754	1,192	655	424	4	109	562	213	59	280
New Mexico.....	951	262	201	40		21	689	385	34	269
Arizona.....	1,302	929	652	157	13	108	373	102	39	173
Utah.....	891	601	314	218	11	58	290	135	50	106
Nevada.....	285	212	116	60		36	74	25	15	34
<b>Pacific.....</b>	<b>21,198</b>	<b>16,783</b>	<b>7,063</b>	<b>8,107</b>	<b>144</b>	<b>1,468</b>	<b>4,415</b>	<b>2,016</b>	<b>338</b>	<b>2,061</b>
Washington.....	2,853	1,801	887	571	35	309	1,082	486	75	491
Oregon.....	1,769	891	424	295	11	162	878	382	63	432
California.....	15,717	13,501	5,459	7,103	89	940	2,126	1,012	152	962
Alaska.....	226						226	86	24	116
Hawaii.....	633	500	294	139	10	58	132	51	23	58

# No. 12. POPULATION, URBAN AND RURAL, BY STATES AND FOR PUERTO RICO: 1950 AND 1960

[In thousands. For explanation of previous and current urban definitions, see pp. 1, 2]

STATE OR OTHER AREA	PREVIOUS URBAN DEFINITION					CURRENT URBAN DEFINITION				
	1950		1960			1950		1960		
	Urban	Rural	Urban		Rural	Urban	Rural	Urban		Rural
			Num- ber	Percent urban				Num- ber	Percent urban	
United States.....	90, 128	61, 198	113, 056	63.0	66, 267	96, 847	54, 479	125, 269	69.9	54, 054
New England.....	6, 970	2, 345	7, 888	75.1	2, 622	7, 102	2, 213	8, 032	76.4	2, 478
Maine.....	375	539	387	39.9	582	472	442	497	51.3	472
New Hampshire.....	312	221	303	59.8	244	307	226	354	58.3	253
Vermont.....	138	240	144	37.0	246	138	240	150	38.5	240
Massachusetts.....	4, 066	625	4, 471	86.8	677	3, 959	731	4, 303	83.6	846
Rhode Island.....	689	103	773	89.9	87	667	125	743	86.4	117
Connecticut.....	1, 391	617	1, 750	69.0	786	1, 550	449	1, 986	78.3	550
Middle Atlantic.....	22, 811	7, 353	24, 654	71.8	9, 514	24, 272	5, 892	27, 808	81.4	6, 360
New York.....	11, 907	2, 923	12, 221	72.8	4, 562	12, 082	2, 148	14, 332	85.4	2, 450
New Jersey.....	3, 918	917	5, 013	82.6	1, 053	4, 180	649	5, 374	88.6	692
Pennsylvania.....	6, 985	3, 513	7, 420	65.6	3, 899	7, 403	3, 065	8, 102	71.6	3, 217
East North Central.....	20, 166	10, 233	24, 377	67.3	11, 848	21, 186	9, 214	26, 435	73.0	9, 790
Ohio.....	5, 346	2, 600	6, 538	67.4	3, 169	5, 578	2, 368	7, 123	73.4	2, 583
Indiana.....	2, 217	1, 717	2, 650	56.8	2, 012	2, 357	1, 577	2, 910	62.4	1, 752
Illinois.....	6, 487	2, 226	7, 651	75.9	2, 431	6, 759	1, 953	8, 140	80.7	1, 941
Michigan.....	4, 166	2, 206	5, 086	65.0	2, 737	4, 503	1, 869	5, 739	73.4	2, 084
Wisconsin.....	1, 949	1, 485	2, 452	62.1	1, 499	1, 988	1, 447	2, 522	63.8	1, 430
West North Central.....	7, 018	7, 043	8, 617	56.0	6, 777	7, 305	6, 756	9, 046	58.8	6, 348
Minnesota.....	1, 097	1, 375	2, 081	61.0	1, 333	1, 626	1, 358	2, 123	62.2	1, 291
Iowa.....	1, 229	1, 392	1, 440	52.2	1, 318	1, 251	1, 370	1, 463	53.0	1, 295
Missouri.....	2, 290	1, 065	2, 647	61.3	1, 073	2, 433	1, 522	2, 877	66.0	1, 443
N. Dakota.....	165	455	222	35.1	411	165	455	223	35.2	410
S. Dakota.....	216	437	265	39.0	415	217	436	267	39.3	413
Nebraska.....	607	719	734	52.0	678	622	704	766	54.3	645
Kansas.....	903	1, 002	1, 229	56.4	950	993	912	1, 329	61.0	850
South Atlantic.....	9, 276	11, 907	12, 755	49.1	13, 216	10, 391	10, 791	14, 852	57.2	11, 120
Delaware.....	148	170	145	32.6	301	199	119	293	65.6	154
Maryland.....	1, 426	917	1, 742	56.2	1, 359	1, 616	727	2, 254	72.7	847
Dist. of Col.....	802	---	764	100.0	---	802	---	764	100.0	---
Virginia.....	1, 375	1, 944	1, 932	48.7	2, 034	1, 759	2, 205	2, 205	55.6	1, 762
W. Virginia.....	641	1, 365	666	35.8	1, 195	694	1, 311	711	38.2	1, 149
N. Carolina.....	1, 238	2, 824	1, 647	36.2	2, 909	1, 368	2, 094	1, 802	39.5	2, 754
S. Carolina.....	653	1, 464	818	34.3	1, 565	1, 339	981	981	41.2	1, 401
Georgia.....	1, 426	2, 018	1, 963	49.8	1, 980	1, 758	1, 885	2, 180	55.3	1, 763
Florida.....	1, 567	1, 205	3, 078	62.2	1, 874	1, 814	957	3, 661	73.9	1, 290
East South Central.....	4, 080	7, 397	5, 253	43.6	6, 797	4, 485	6, 992	5, 831	48.4	6, 220
Kentucky.....	986	1, 959	1, 145	37.7	1, 804	1, 084	1, 861	1, 353	44.5	1, 685
Tennessee.....	1, 264	2, 028	1, 632	45.7	1, 935	1, 453	1, 830	1, 865	52.3	1, 702
Alabama.....	1, 228	1, 834	1, 689	51.7	1, 577	1, 341	1, 721	1, 702	54.8	1, 475
Mississippi.....	602	1, 577	788	36.2	1, 390	607	1, 572	821	37.7	1, 357
West South Central.....	7, 717	6, 821	10, 958	64.6	5, 994	8, 080	6, 458	11, 478	67.7	5, 473
Arkansas.....	617	1, 202	743	41.6	1, 043	631	1, 270	765	42.8	1, 021
Louisiana.....	1, 380	1, 304	1, 832	56.2	1, 425	1, 472	1, 212	2, 061	63.3	1, 196
Oklahoma.....	1, 107	1, 126	1, 420	61.0	908	1, 139	1, 094	1, 465	62.9	863
Texas.....	4, 613	3, 090	6, 963	72.7	2, 617	4, 838	2, 873	7, 187	75.0	2, 392
Mountain.....	2, 497	2, 578	4, 145	60.5	2, 710	2, 786	2, 289	4, 601	67.1	2, 254
Montana.....	253	338	312	40.3	333	258	333	338	50.2	336
Idaho.....	234	354	276	41.4	391	253	336	317	47.5	350
Wyoming.....	145	146	188	56.8	143	145	146	188	56.8	143
Colorado.....	760	565	1, 090	62.1	664	831	494	1, 293	73.7	461
New Mexico.....	315	367	538	61.8	363	342	339	626	65.0	325
Arizona.....	274	476	910	60.9	392	416	334	971	74.5	332
Utah.....	433	256	592	66.5	299	450	239	667	74.9	223
Nevada.....	84	76	189	66.3	96	92	68	201	70.4	85
Pacific.....	9, 594	5, 521	14, 409	68.0	6, 789	11, 241	3, 874	17, 186	81.1	4, 012
Washington.....	1, 274	1, 105	1, 667	58.4	1, 137	1, 503	876	1, 943	68.1	910
Oregon.....	732	789	944	53.4	825	819	702	1, 100	62.2	669
California.....	7, 209	3, 377	11, 274	71.7	4, 443	8, 539	2, 047	13, 573	86.4	2, 144
Alaska.....	34	94	86	37.9	140	34	94	86	37.9	140
Hawaii.....	345	155	439	69.3	194	345	155	484	76.5	149
Puerto Rico.....	895	1, 316	951	40.5	1, 399	805	1, 310	1, 039	44.2	1, 310

Source: Department of Commerce, Bureau of the Census; U.S. Census of Population: 1960, Vol. I.

# No. 13. URBAN AND RURAL PLACES AND POPULATION, BY SIZE OF PLACE: 1910 TO 1960

[Beginning 1960, includes Alaska and Hawaii. For description of previous and current definitions, see pp. 1, 2. See also *Historical Statistics, Colonial Times to 1967*, series A 181-200]

CLASS AND SIZE	1910	1920	1930	1940	1950		1960	
					Previous urban definition	Current urban definition	Previous urban definition	Current urban definition
PLACES								
Urban.....	2,262	2,722	3,165	3,464	4,051	4,741	5,022	6,041
Places of 1,000,000 or more.....	3	3	5	5	5	5	5	5
Places of 500,000 to 1,000,000.....	5	9	8	9	13	13	16	16
Places of 250,000 to 500,000.....	11	13	24	23	23	23	30	30
Places of 100,000 to 250,000.....	31	43	56	55	67	65	80	81
Places of 50,000 to 100,000.....	59	76	98	107	129	128	203	201
Places of 25,000 to 50,000.....	119	143	185	213	283	252	427	432
Places of 10,000 to 25,000.....	369	465	606	665	831	778	1,146	1,134
Places of 5,000 to 10,000.....	605	715	851	965	1,129	1,176	1,326	1,394
Places of 2,500 to 5,000.....	1,060	1,255	1,332	1,422	1,574	1,846	1,789	2,152
Places under 2,500.....						457		596
Rural.....	11,830	12,855	13,433	13,288	13,235	13,807	13,418	13,749
Places of 1,000 to 2,500.....	2,717	3,030	3,087	3,205	3,404	4,158	3,545	4,151
Places under 1,000.....	9,113	9,825	10,346	10,083	9,831	9,649	9,873	9,598
POPULATION (1,000)								
United States.....	91,972	105,711	122,775	131,669	150,697	150,697	179,323	179,323
Urban.....	41,999	54,158	68,955	74,424	89,749	96,468	113,056	125,260
Places of 1,000,000 or more.....	8,501	10,146	15,065	15,011	17,404	17,404	17,484	17,484
Places of 500,000 to 1,000,000.....	3,011	6,224	5,764	6,457	9,187	9,187	11,111	11,111
Places of 250,000 to 500,000.....	3,950	4,541	7,956	7,828	8,242	8,242	10,766	10,766
Places of 100,000 to 250,000.....	4,840	6,519	7,541	7,793	9,724	9,479	11,548	11,652
Places of 50,000 to 100,000.....	4,179	5,265	6,491	7,344	8,138	8,931	13,959	13,836
Places of 25,000 to 50,000.....	4,023	5,075	6,426	7,417	9,876	8,808	14,776	14,951
Places of 10,000 to 25,000.....	5,549	7,035	9,007	9,967	12,768	11,867	17,731	17,568
Places of 5,000 to 10,000.....	4,217	4,968	5,897	6,682	7,832	8,139	9,350	9,739
Places of 2,500 to 5,000.....	3,728	4,386	4,718	5,026	5,579	6,490	6,332	7,580
Places under 2,500.....						578		690
Unincorporated parts of urbanized areas.....						7,344		9,851
Rural.....	49,973	51,553	53,820	57,246	60,948	54,230	66,267	54,054
Places of 1,000 to 2,500.....	4,234	4,712	4,821	5,027	5,383	6,473	5,616	6,497
Places under 1,000.....	3,930	4,255	4,363	4,316	4,120	4,031	4,032	3,894
Other rural.....	41,809	42,586	44,637	47,903	51,437	43,725	56,619	43,664
PERCENT OF TOTAL POPULATION								
United States.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Urban.....	45.7	51.2	56.2	56.5	59.6	64.0	63.0	69.9
Places of 1,000,000 or more.....	9.2	9.6	12.3	12.1	11.5	11.5	9.8	9.8
Places of 500,000 to 1,000,000.....	3.3	5.9	4.7	4.9	6.1	6.1	6.2	6.2
Places of 250,000 to 500,000.....	4.3	4.3	6.5	5.9	5.5	5.5	6.0	6.0
Places of 100,000 to 250,000.....	5.3	6.2	6.1	5.9	6.5	6.3	6.4	6.5
Places of 50,000 to 100,000.....	4.5	5.0	5.3	5.6	6.1	5.9	7.8	7.7
Places of 25,000 to 50,000.....	4.4	4.8	5.2	5.6	6.6	5.8	8.2	8.3
Places of 10,000 to 25,000.....	6.0	6.7	7.4	7.6	8.5	7.9	9.9	9.8
Places of 5,000 to 10,000.....	4.6	4.7	4.8	5.1	5.2	5.4	5.2	5.5
Places of 2,500 to 5,000.....	4.1	4.1	3.8	3.8	3.7	4.3	3.5	4.2
Places under 2,500.....						0.4		0.4
Unincorporated parts of urbanized areas.....						4.9		5.5
Rural.....	54.3	48.8	43.8	43.5	40.4	36.0	37.0	30.1
Places of 1,000 to 2,500.....	4.6	4.5	3.9	3.8	3.6	4.3	3.1	3.6
Places under 1,000.....	4.3	4.0	3.6	3.3	2.7	2.7	2.2	2.2
Other rural.....	45.5	40.3	36.4	36.4	34.1	29.0	31.6	24.3

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Population: 1960*, Vol. I.

# No. 14. POPULATION OF CITIES HAVING 100,000 INHABITANTS OR MORE IN 1960, 1910 TO 1960, AND AREA, 1960

[Increase from census to census includes that due to annexation of territory as well as to direct growth. "Cities" refers to political subdivisions which are incorporated as cities, boroughs, towns, or villages with the exception that towns are not recognized as incorporated places in New England States, New York, and Wisconsin. Land area figures generally supplied by city engineers and reviewed for reasonableness by Bureau of the Census]

CITY	1910	1920	1930	1940	1950	1960		
						Popula- tion	Rank order <sup>1</sup>	Land area (sq. mi.)
Akron, Ohio.....	69,067	208,435	255,040	244,791	274,605	290,351	45	53.9
Albany, N. Y.....	100,253	113,344	127,412	130,577	134,995	129,726	93	19.0
Albuquerque, N. Mex.....	11,020	15,157	26,570	35,449	96,815	201,189	60	56.2
Allentown, Pa.....	51,913	73,502	92,463	96,904	106,756	108,347	116	17.6
Anaheim, Calif.....	9,957	15,494	43,132	51,686	74,246	137,060	88	54.8
Anaheim, Calif.....	2,628	5,526	10,995	11,031	14,556	104,184	123	24.8
Atlanta, Ga.....	154,839	200,616	270,366	302,288	331,314	487,455	24	128.2
Austin, Tex.....	29,860	34,876	53,120	87,930	132,450	186,545	67	49.4
Baltimore, Md.....	558,485	733,826	804,874	859,100	949,708	939,024	6	79.0
Baton Rouge, La.....	14,897	21,782	30,720	34,719	125,620	152,419	80	31.0
Beaumont, Tex.....	20,040	40,422	57,732	59,061	94,014	119,175	102	70.8
Berkeley, Calif.....	40,434	56,036	82,169	85,547	113,805	111,268	114	9.7
Birmingham, Ala.....	132,685	178,806	259,678	267,883	326,037	340,887	36	74.5
Boston, Mass.....	670,585	748,060	781,188	770,816	801,444	697,197	13	47.8
Bridgeport, Conn.....	102,054	143,555	146,716	147,121	158,790	156,748	70	15.1
Buffalo, N. Y.....	423,715	506,775	573,076	575,901	580,132	532,750	20	30.4
Cambridge, Mass.....	104,839	109,694	113,643	110,879	120,740	107,716	119	6.3
Camden, N. J.....	94,538	116,309	118,700	117,536	124,555	117,159	103	8.7
Canton, Ohio.....	50,217	87,091	104,006	108,401	116,912	113,631	109	14.3
Charlotte, N. C.....	34,014	46,338	82,675	100,899	134,042	201,564	59	64.8
Chattanooga, Tenn.....	44,604	57,895	110,798	128,163	131,041	130,009	92	36.7
Chicago, Ill.....	2,185,283	2,701,707	3,376,438	3,396,808	3,620,962	3,550,404	2	224.2
Cincinnati, Ohio.....	363,591	401,247	451,160	455,610	503,998	502,550	21	77.3
Cleveland, Ohio.....	560,663	796,841	900,429	878,336	914,803	876,050	8	81.2
Columbus, Ga.....	20,554	31,125	43,131	53,280	79,801	116,779	104	26.4
Columbus, Ohio.....	181,511	237,031	290,564	306,087	375,901	471,316	28	80.0
Corpus Christi, Tex.....	8,222	10,522	27,741	57,301	102,287	167,690	74	37.8
Dallas, Tex.....	92,104	158,976	260,475	294,734	434,462	679,684	14	279.9
Dayton, Ohio.....	116,577	152,559	200,982	210,718	243,872	282,332	49	33.6
Dearborn, Mich.....	911	2,470	50,358	63,584	94,994	112,007	110	25.3
Denver, Colo.....	213,381	256,491	287,861	322,412	415,786	493,887	23	71.0
Des Moines, Iowa.....	86,368	126,468	142,559	159,819	177,965	208,982	55	64.5
Detroit, Mich.....	465,766	993,678	1,568,662	1,623,452	1,849,568	1,670,144	5	139.6
Duluth, Minn.....	78,466	98,917	101,463	101,065	104,511	106,884	122	62.6
Elizabeth, N. J.....	73,409	95,783	114,589	109,912	112,817	107,698	120	11.7
El Paso, Tex.....	39,279	77,660	102,421	96,810	130,485	176,687	46	114.6
Eric, Pa.....	66,525	93,372	115,967	116,955	130,803	138,440	87	18.8
Evansville, Ind.....	69,647	85,264	102,249	97,062	128,636	141,543	86	32.0
Flint, Mich.....	38,550	91,599	156,492	151,543	163,143	196,940	62	29.9
Fort Wayne, Ind.....	63,933	86,549	114,946	118,410	133,007	161,776	78	36.8
Fort Worth, Tex.....	73,312	106,482	163,447	177,602	278,778	356,268	34	140.5
Fresno, Calif.....	24,892	45,086	52,513	60,685	91,669	133,929	90	28.6
Gary, Ind.....	16,802	55,378	100,426	111,719	133,911	178,320	70	41.6
Glendale, Calif.....	2,746	13,536	62,736	82,582	95,702	119,442	101	29.3
Grand Rapids, Mich.....	112,671	137,634	168,502	164,292	176,515	177,313	71	24.4
Greensboro, N. C.....	16,895	19,861	53,599	59,319	74,389	119,574	90	48.6
Hammond, Ind.....	20,925	30,004	64,560	70,184	87,594	111,698	112	23.5
Hartford, Conn.....	98,915	138,036	164,072	166,267	177,397	162,178	77	17.4
Honolulu, Hawaii.....	52,183	83,327	137,582	179,358	248,034	294,104	43	83.9
Houston, Tex.....	78,800	138,276	292,352	384,514	596,163	938,219	7	328.1
Indianapolis, Ind.....	233,650	314,194	364,161	386,972	427,173	476,258	26	71.2
Jackson, Miss.....	21,262	22,817	48,282	62,107	98,271	144,422	84	46.5
Jacksonville, Fla.....	57,699	91,558	129,549	173,065	204,517	201,030	61	30.2
Jersey City, N. J.....	267,779	298,103	316,715	301,173	299,017	276,101	47	13.0
Kansas City, Kans.....	82,351	101,177	121,857	121,458	129,553	121,901	98	40.6
Kansas City, Mo.....	248,381	324,410	399,746	390,178	456,622	476,539	27	129.8
Knoxville, Tenn.....	36,346	77,818	105,802	111,580	124,769	111,827	111	25.4
Lansing, Mich.....	31,229	57,327	78,307	78,753	92,129	107,807	118	21.2
Lincoln, Nebr.....	43,073	54,948	75,933	81,984	98,884	128,521	95	25.4
Little Rock, Ark.....	45,941	65,142	81,679	88,039	102,213	107,813	117	28.3
Long Beach, Calif.....	17,809	55,593	142,032	164,271	250,767	344,108	35	45.9
Los Angeles, Calif.....	319,198	576,673	1,238,048	1,604,277	1,970,358	2,479,015	3	454.8
Louisville, Ky.....	223,028	234,891	307,745	310,077	369,129	360,639	31	57.1
Lubbock, Tex.....	1,038	4,051	20,320	31,853	71,747	128,691	94	75.0
Madison, Wis.....	25,631	38,378	67,899	67,447	96,066	126,706	96	35.7
Memphis, Tenn.....	131,105	162,351	253,143	292,042	396,000	497,524	22	128.2
Miami, Fla.....	5,471	20,671	110,637	172,172	249,276	291,688	44	34.2
Milwaukee, Wis.....	373,857	457,147	578,249	587,472	637,392	741,324	11	91.1

See footnotes at end of table.



## Principal Cities

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No. 14. POPULATION OF CITIES HAVING 100,000 INHABITANTS OR MORE IN 1960, 1910 TO 1960, AND AREA, 1960—Continued

CITY	1910	1920	1930	1940	1950	1960		
						Popula- tion	Rank order <sup>1</sup>	Land area (sq. mi.)
Minneapolis, Minn.....	301,408	380,582	464,356	492,370	521,718	482,872	25	56.5
Mobile, Ala.....	51,521	60,777	68,202	78,720	129,009	202,779	58	152.0
Montgomery, Ala.....	38,136	43,464	60,079	78,084	106,525	134,303	89	31.8
Nashville, Tenn.....	110,364	118,342	153,866	167,402	174,307	170,874	73	29.0
New Bedford, Mass.....	96,652	121,217	112,597	110,341	109,189	102,477	125	19.1
New Haven, Conn.....	133,605	162,537	162,655	160,605	164,443	152,048	81	17.9
New Orleans, La.....	339,075	387,219	458,762	494,537	570,445	627,525	15	198.8
New York, N.Y. <sup>2</sup> .....	4,766,883	5,620,048	6,930,446	7,454,995	7,881,957	7,781,984	1	315.1
Bronx Borough.....	430,980	732,016	1,265,258	1,394,711	1,451,277	1,424,815	-----	43.4
Brooklyn Borough.....	1,634,351	2,018,356	2,500,401	2,698,285	2,738,175	2,627,319	-----	76.1
Manhattan Borough.....	2,331,542	2,284,103	1,867,312	1,889,924	1,960,101	1,698,281	-----	22.3
Queens Borough.....	284,041	469,042	1,079,129	1,297,634	1,560,849	1,809,578	-----	113.0
Richmond Borough.....	85,969	116,531	158,346	174,441	191,555	221,991	-----	60.3
Newark, N.J.....	347,469	414,524	442,337	429,760	438,776	405,220	30	23.6
Newport News, Va.....	20,205	35,596	34,417	37,067	42,358	113,662	108	75.0
Niagara Falls, N.Y.....	30,445	50,760	75,460	78,029	90,872	102,394	126	13.5
Norfolk, Va.....	67,452	115,777	129,710	144,332	213,513	305,872	41	50.0
Oakland, Calif.....	150,174	216,261	284,063	302,163	384,576	367,548	33	53.0
Oklahoma City, Okla....	64,205	91,295	185,389	204,424	243,504	324,253	37	321.5
Omaha, Nebr. <sup>4</sup> .....	124,096	191,601	214,066	223,844	251,117	301,598	42	51.2
Pasadena, Calif.....	30,291	45,354	76,086	81,804	104,577	116,407	105	22.6
Paterson, N.J.....	125,609	135,875	138,513	139,655	139,330	143,063	85	8.4
Peoria, Ill.....	66,950	76,121	104,969	105,087	111,856	103,162	124	15.2
Philadelphia, Pa.....	1,549,005	1,823,779	1,950,961	1,931,334	2,071,053	2,002,512	4	127.2
Phoenix, Ariz.....	11,134	29,053	48,118	65,414	108,818	439,170	29	187.4
Pittsburgh, Pa.....	533,905	588,343	669,817	671,659	676,806	604,332	16	54.1
Portland, Oreg.....	207,214	258,288	301,815	305,394	373,028	372,676	32	67.2
Portsmouth, Va.....	33,190	54,387	45,704	50,745	80,039	114,773	100	18.0
Providence, R.I.....	224,326	237,595	252,981	253,504	248,674	207,498	56	17.9
Richmond, Va.....	127,628	171,067	182,929	193,042	230,310	219,958	52	37.0
Rochester, N.Y.....	218,149	295,750	328,132	324,975	332,488	318,611	38	36.4
Rockford, Ill.....	45,401	65,651	85,864	84,637	92,927	126,706	90	25.0
Sacramento, Calif.....	44,696	65,908	93,750	105,958	137,572	191,667	63	45.1
St. Louis, Mo.....	687,029	772,897	821,990	816,048	856,796	750,026	10	61.0
St. Paul, Minn.....	214,744	234,698	271,606	287,736	311,349	313,411	40	52.2
St. Petersburg, Fla.....	4,127	14,237	40,425	60,812	96,738	181,298	69	54.0
Salt Lake City, Utah.....	92,777	118,110	140,267	149,034	182,121	189,454	65	56.1
San Antonio, Tex.....	96,614	161,379	231,542	253,854	408,442	587,718	17	160.5
San Diego, Calif.....	39,578	74,361	147,995	203,341	334,387	573,224	18	192.4
San Francisco, Calif.....	416,912	506,676	634,394	634,536	775,357	740,316	12	44.6
San Jose, Calif.....	28,946	39,642	57,651	68,457	95,280	204,196	57	54.5
Santa Ana, Calif.....	8,429	15,485	30,322	31,921	45,533	100,350	130	21.3
Savannah, Ga.....	65,064	83,252	85,024	95,996	119,638	149,245	82	41.5
Seranton, Pa.....	129,867	137,783	143,433	140,404	125,536	111,443	113	25.3
Seattle, Wash.....	237,194	315,312	365,583	368,302	467,591	557,087	19	88.5
Shreveport, La.....	28,015	43,874	76,655	98,167	127,206	164,372	76	36.0
South Bend, Ind.....	53,694	70,983	104,193	101,268	115,911	132,445	91	23.8
Spokane, Wash.....	104,402	104,437	115,514	122,001	161,721	181,698	68	43.0
Springfield, Mass.....	88,926	129,614	149,900	149,554	162,399	174,463	72	33.1
Syracuse, N.Y.....	137,249	171,717	209,326	205,967	220,583	160,038	53	25.0
Tacoma, Wash.....	83,743	90,965	106,817	109,408	143,673	147,979	83	47.5
Tampa, Fla.....	37,782	51,608	101,161	108,391	124,681	274,070	48	85.0
Toledo, Ohio.....	168,497	243,164	290,718	282,340	303,616	318,093	39	48.2
Topeka, Kans.....	43,684	50,022	64,120	67,833	78,791	119,484	100	36.1
Torrance, Calif.....	-----	-----	7,271	9,950	22,241	100,991	128	20.0
Trenton, N.J.....	96,815	119,289	123,356	124,697	128,009	114,167	107	7.4
Tucson, Ariz.....	13,193	20,292	32,506	35,752	45,454	212,892	64	70.9
Tulsa, Okla.....	18,182	72,075	141,258	142,157	182,740	261,685	50	47.8
Utica, N.Y.....	74,419	94,150	101,740	100,518	101,531	100,410	129	17.0
Washington, D.C.....	331,069	437,571	486,869	663,091	802,178	763,956	9	61.4
Waterbury, Conn.....	73,141	91,715	99,902	99,314	104,477	107,130	121	27.6
Wichita, Kans.....	52,450	72,217	111,110	114,966	168,279	254,098	51	51.9
Wichita Falls, Tex.....	8,200	40,079	43,690	45,112	65,042	101,724	127	37.9
Winston-Salem, N.C.....	22,700	48,395	75,274	79,815	97,811	111,153	116	31.1
Worcester, Mass.....	145,986	179,754	195,311	193,604	203,480	186,587	66	37.0
Yonkers, N.Y.....	79,803	100,176	134,646	142,598	152,798	190,634	64	18.3
Youngstown, Ohio.....	79,096	132,359	170,002	167,720	193,330	160,689	75	33.2

<sup>1</sup> The cities of Madison, Wis., and Rockford, Ill., share the same rank of 96. In order to have the lowest rank equal to the number of cities presented, the number 97 is omitted.

<sup>2</sup> Population shown is for New York City as now constituted.

<sup>3</sup> Revised population figure for Norfolk is 304,869.

<sup>4</sup> Omaha and South Omaha cities consolidated between 1910 and 1920. Combined population, 1910: 150,355.

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Population: 1960*, Vol. I.

## NO. 15. POPULATION, BY SEX, RACE, RESIDENCE, AND MEDIAN AGE: 1790 TO 1960

[See also *Historical Statistics, Colonial Times to 1957*, series A 34-50 and A 86-94]

YEAR	SEX		RACE			RESIDENCE <sup>1</sup>		MEDIAN AGE	
	Male	Female	White	Negro	Other	Urban	Rural	All classes	White
CONTE- MINOUS U.S. <sup>2</sup>									
1790.....			3,172,006	757,208		201,655	3,727,550		
1800.....			4,306,446	1,002,037		322,371	4,986,112		16.0
1810.....			5,802,073	1,377,808		525,450	6,714,422		16.0
1820.....	4,896,605	4,741,848	7,866,797	1,771,656		693,255	8,945,198	16.7	16.5
1830.....	6,529,684	6,336,336	10,537,378	2,328,642		1,127,247	11,738,773	17.2	17.2
1840.....	8,688,532	8,380,921	14,195,805	2,873,648		1,845,055	15,224,398	17.8	17.9
1850.....	11,837,660	11,354,216	19,553,068	3,638,808		3,543,716	19,448,160	18.9	19.2
1860.....	16,085,204	15,358,117	26,922,537	4,441,830	78,954	6,216,518	25,226,803	19.4	19.7
1870.....	19,493,565	19,064,806	33,589,377	4,880,009	88,985	9,902,361	28,656,010	20.2	20.4
1880.....	25,518,820	24,636,963	43,402,970	6,580,793	172,020	14,129,735	36,026,048	20.9	21.4
1890.....	32,237,101	30,710,613	55,101,258	7,488,676	357,780	22,106,265	40,841,449	22.0	22.5
1900.....	38,516,448	37,178,127	66,809,196	8,833,994	351,385	30,159,921	45,834,664	22.9	23.4
1910.....	47,332,277	44,639,989	81,781,957	9,827,763	412,646	41,998,932	49,973,334	24.1	24.6
1920.....	59,000,431	51,810,189	94,820,915	10,463,131	426,574	54,157,973	61,562,047	25.3	25.6
1930.....	62,137,080	60,637,966	110,286,740	11,891,143	597,163	68,954,823	63,820,223	26.4	26.9
1940.....	66,061,592	65,007,683	118,214,870	12,865,518	688,887	74,423,702	67,245,673	29.0	29.5
1950.....	74,833,239	75,864,122	134,942,028	15,042,286	713,047	96,467,686	54,229,675	30.2	30.8
1960.....	87,864,510	90,599,726	158,454,956	18,800,117	1,149,163	124,699,022	53,765,214	29.6	30.3
U.S. <sup>3</sup>									
1950.....	75,186,606	76,139,192	135,149,629	15,044,937	1,131,232	96,846,817	54,478,981	30.2	30.7
1960.....	88,331,494	90,991,681	163,831,732	18,871,831	1,619,612	125,268,750	54,054,425	29.5	30.3

<sup>1</sup> Beginning 1950, current definition. For explanation of change, see pp. 1, 2.<sup>2</sup> Excludes Alaska and Hawaii.<sup>3</sup> Includes Alaska and Hawaii.Source: Department of Commerce, Bureau of the Census; Fifteenth Census Reports, *Population*, Vol. II; Sixteenth Census Reports, *Population*, Vol. II, Part I, and Vol. IV, Part I; *U.S. Census of Population: 1960*, Vol. II, Part I; and *U.S. Census of Population, 1960*, Vol. I.

## NO. 16. SEX RATIO OF THE POPULATION, BY AGE GROUPS, 1910 TO 1961, AND BY COLOR, 1961

[Ratio represents number of males per 100 females. Beginning 1950, includes Alaska and Hawaii. Includes Armed Forces abroad]

AGE							1961 <sup>1</sup>		
	1910	1920	1930	1940	1950	1960	Total	White	Non-white
All ages.....	<sup>2</sup> 106.0	<sup>2</sup> 104.0	<sup>2</sup> 102.5	100.7	99.3	97.8	97.7	98.0	95.0
Under 15 years.....	102.2	102.1	102.6	103.0	103.7	103.4	103.5	104.0	100.1
15 to 24 years.....	101.0	96.8	97.9	98.5	99.8	101.3	101.5	102.2	96.2
25 to 44 years.....	110.2	105.1	101.8	98.5	97.2	96.9	96.0	98.0	88.5
45 to 64 years.....	114.4	115.2	109.1	105.2	100.2	95.8	95.3	95.3	95.1
65 and over.....	101.1	101.3	100.5	95.5	89.7	82.8	81.6	81.1	88.6

<sup>1</sup> Estimated as of July 1. <sup>2</sup> Includes figures for "age not reported."Source: Department of Commerce, Bureau of the Census; *U.S. Census of Population: 1960*, Vol. I, and *Current Population Reports*, Series P-25, No. 246.

## No. 17. POPULATION, BY SEX, BY STATES AND FOR PUERTO RICO: 1940 TO 1960

STATE OR OTHER AREA	1940			1950			1960		
	Male	Female	Males per 100 females	Male	Female	Males per 100 females	Male	Female	Males per 100 females
<b>United States</b> .....	66,349,730	65,815,399	100.8	75,186,606	76,139,192	98.7	88,331,494	90,991,681	97.1
<b>New England</b> .....	4,154,760	4,282,530	97.0	4,553,770	4,760,683	95.7	5,121,213	5,388,154	95.0
Maine.....	425,821	421,405	101.0	454,145	450,620	98.8	479,054	490,211	97.7
New Hampshire.....	244,909	266,615	99.3	262,424	270,818	96.9	298,107	308,814	96.6
Vermont.....	182,224	177,007	102.9	187,754	189,993	98.8	191,743	198,138	96.8
Massachusetts.....	2,102,470	2,214,242	95.0	2,270,367	2,420,147	93.8	2,486,235	2,662,343	93.4
Rhode Island.....	349,404	363,942	96.0	390,583	401,313	97.3	421,845	437,643	96.4
Connecticut.....	849,923	860,319	98.9	988,497	1,018,783	97.0	1,244,229	1,291,005	96.4
<b>Middle Atlantic</b> .....	13,710,692	13,828,795	99.1	14,793,099	15,370,434	96.2	16,605,081	17,563,371	94.5
New York.....	6,690,326	6,788,816	98.5	7,230,044	7,590,245	95.4	8,123,239	8,659,065	93.6
New Jersey.....	2,060,150	2,091,006	99.0	2,382,744	2,452,585	97.2	2,971,991	3,094,791	96.0
Pennsylvania.....	4,951,207	4,948,973	100.0	5,170,411	5,327,601	97.0	5,509,851	5,809,515	94.8
<b>E. North Central</b> .....	13,438,325	13,188,017	101.9	15,145,262	15,254,106	99.3	17,863,212	18,361,812	97.3
Ohio.....	3,461,072	3,446,540	100.4	3,928,534	4,018,093	97.8	4,764,223	4,942,169	96.4
Indiana.....	1,725,201	1,702,505	101.3	1,958,516	1,975,708	99.1	2,298,738	2,363,760	97.2
Illinois.....	3,957,149	3,940,092	100.4	4,319,251	4,392,925	98.3	4,952,866	5,128,292	96.6
Michigan.....	2,694,727	2,561,379	105.2	3,212,119	3,159,647	101.7	3,882,868	3,940,322	98.5
Wisconsin.....	1,600,176	1,537,411	104.1	1,728,842	1,707,733	101.1	1,964,512	1,987,255	98.9
<b>W. North Central</b> .....	6,829,395	6,687,655	102.1	7,033,415	7,027,979	100.1	7,609,179	7,784,945	97.7
Minnesota.....	1,427,545	1,364,755	104.6	1,501,202	1,481,275	101.3	1,692,962	1,720,092	98.4
Iowa.....	1,280,494	1,257,774	101.8	1,310,283	1,310,790	100.0	1,350,477	1,398,400	97.2
Missouri.....	1,881,252	1,903,412	98.8	1,940,863	2,013,700	96.4	2,108,279	2,211,534	95.3
North Dakota.....	335,402	306,533	109.4	322,044	324,602	100.8	323,208	309,238	104.5
South Dakota.....	332,514	310,447	107.1	337,251	315,450	106.9	344,271	336,243	102.4
Nebraska.....	665,758	650,046	102.4	667,332	658,178	101.4	700,626	711,304	98.4
Kansas.....	906,340	894,088	101.3	953,534	951,765	100.3	1,081,377	1,097,234	98.6
<b>South Atlantic</b> .....	8,870,589	8,952,562	99.1	10,496,597	10,685,738	98.2	12,702,497	13,179,235	97.1
Delaware.....	134,333	132,172	101.6	157,344	160,741	97.9	221,136	225,156	98.2
Maryland.....	915,038	906,260	101.0	1,166,003	1,176,308	99.2	1,533,200	1,567,489	97.8
Dist. of Col.....	317,522	345,560	91.9	377,918	424,200	89.1	358,171	405,785	88.3
Virginia.....	1,349,004	1,328,760	101.5	1,675,216	1,643,464	101.9	1,970,372	1,987,577	99.6
West Virginia.....	908,582	933,392	103.8	1,006,287	990,255	100.7	915,035	945,386	96.8
North Carolina.....	1,772,990	1,798,633	98.6	2,017,105	2,044,824	98.6	2,247,060	2,309,086	97.3
South Carolina.....	935,230	964,665	97.0	1,040,540	1,076,487	96.7	1,175,818	1,206,776	97.4
Georgia.....	1,534,758	1,588,965	96.6	1,688,667	1,755,911	96.2	1,925,913	2,017,203	95.6
Florida.....	943,123	954,201	98.8	1,366,017	1,404,388	97.3	2,436,783	2,514,777	96.9
<b>E. South Central</b> .....	5,366,024	5,412,201	99.1	5,677,525	5,799,656	97.9	5,968,789	6,141,346	96.2
Kentucky.....	1,435,812	1,400,815	101.8	1,474,387	1,493,819	100.4	1,598,448	1,520,708	98.6
Tennessee.....	1,445,829	1,470,012	98.4	1,623,107	1,668,611	97.3	1,740,690	1,826,399	95.3
Alabama.....	1,399,901	1,433,060	97.7	1,502,640	1,553,103	96.4	1,591,709	1,675,031	95.0
Mississippi.....	1,084,482	1,099,314	98.7	1,076,791	1,102,123	97.7	1,067,933	1,110,208	96.2
<b>W. South Central</b> .....	6,558,293	6,506,232	100.8	7,249,397	7,288,175	99.5	8,364,073	8,587,182	97.4
Arkansas.....	982,916	966,471	101.7	951,534	957,077	99.3	878,987	907,285	96.9
Louisiana.....	1,172,352	1,191,498	98.4	1,319,166	1,364,350	96.7	1,502,254	1,604,768	95.6
Oklahoma.....	1,181,892	1,154,642	102.4	1,115,555	1,117,796	99.8	1,147,851	1,180,433	97.2
Texas.....	3,221,103	3,193,721	100.9	3,863,142	3,848,052	100.4	4,744,981	4,834,696	98.1
<b>Mountain</b> .....	2,149,398	2,000,605	107.4	2,591,918	2,483,080	104.4	3,448,789	3,466,271	101.2
Montana.....	299,090	260,447	114.8	309,423	281,601	109.9	343,743	311,024	103.8
Idaho.....	276,579	243,294	111.4	303,237	285,400	106.2	338,421	328,770	102.9
Wyoming.....	135,055	115,587	116.7	154,853	135,676	114.1	169,015	161,051	104.9
Colorado.....	568,778	554,518	102.6	605,149	650,940	100.8	870,467	883,480	98.5
New Mexico.....	271,846	250,972	104.6	347,544	333,643	104.2	470,770	471,253	101.8
Arizona.....	258,170	241,091	107.1	370,059	370,528	102.3	654,928	647,233	101.2
Utah.....	278,620	271,690	102.6	347,636	341,226	101.9	444,924	445,703	99.8
Nevada.....	61,341	48,006	125.4	85,017	75,066	113.3	147,521	137,757	107.1
<b>Pacific</b> .....	5,272,314	4,956,802	106.4	7,645,623	7,469,341	102.4	10,618,679	10,579,365	100.4
Washington.....	905,757	830,434	109.1	1,223,851	1,155,112	106.0	1,435,037	1,418,177	101.2
Oregon.....	562,689	526,095	106.8	772,776	748,565	103.2	870,951	888,736	99.0
California.....	3,515,730	3,391,657	103.7	5,295,620	5,290,594	100.1	7,836,707	7,880,497	99.4
Alaska.....	43,003	29,521	145.7	79,472	49,171	161.6	128,811	97,356	132.3
Hawaii.....	245,135	178,195	137.6	273,895	225,899	121.2	338,173	294,590	114.8
<b>Puerto Rico</b> .....	938,280	930,975	100.8	1,110,946	1,099,757	101.0	1,162,764	1,186,780	98.0

1 1940 as of Oct. 1, 1939.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Report, *Population*, Vol. II, *U. S. Census of Population: 1950*, Vol. II, Parts I and 51-53, and *U. S. Census of Population: 1960*, Vol. I.

# NO. 18. POPULATION, BY AGE AND SEX, 1930 TO 1960, AND BY COLOR, 1950 AND 1960

[In thousands. Beginning 1960, includes Alaska and Hawaii. The median is the value which divides the distribution into two equal parts—one-half of the cases falling below this value and one-half exceeding this value. See also *Historical Statistics, Colonial Times to 1957*, series A 71-94]

AGE AND SEX	1930	1940	1950			1960		
			Total	White	Non-white	Total	White	Non-white
<b>Total</b> .....	<b>122, 775</b>	<b>131, 669</b>	<b>150, 697</b>	<b>134, 942</b>	<b>15, 755</b>	<b>179, 323</b>	<b>158, 832</b>	<b>20, 491</b>
Under 5 years.....	11, 444	10, 542	16, 164	14, 185	1, 979	20, 321	17, 350	2, 962
5 to 9 years.....	12, 608	10, 685	13, 200	11, 597	1, 603	18, 092	16, 088	2, 604
10 to 14 years.....	12, 005	11, 746	11, 119	9, 695	1, 425	16, 773	14, 630	2, 135
15 to 19 years.....	11, 562	12, 334	10, 617	9, 331	1, 286	13, 210	11, 008	1, 611
20 to 24 years.....	10, 870	11, 588	11, 482	10, 179	1, 303	10, 801	9, 471	1, 330
25 to 29 years.....	9, 834	11, 097	12, 242	10, 925	1, 317	10, 860	9, 556	1, 314
30 to 34 years.....	9, 120	10, 242	11, 517	10, 356	1, 161	11, 049	10, 580	1, 360
35 to 39 years.....	9, 209	9, 545	11, 246	10, 058	1, 188	12, 481	11, 141	1, 340
40 to 44 years.....	7, 990	8, 788	10, 204	9, 190	1, 014	11, 600	10, 423	1, 177
45 to 49 years.....	7, 042	8, 255	9, 070	8, 169	901	10, 879	9, 785	1, 094
50 to 54 years.....	5, 076	7, 257	8, 272	7, 535	737	9, 606	8, 094	912
55 to 59 years.....	4, 646	5, 844	7, 235	6, 696	539	8, 430	7, 626	804
60 to 64 years.....	3, 751	4, 723	6, 059	5, 653	407	7, 142	6, 551	592
65 to 69 years.....	2, 771	3, 807	5, 003	4, 586	417	6, 258	5, 739	519
70 to 74 years.....	1, 950	2, 570	3, 412	3, 182	230	4, 739	4, 391	348
75 years and over.....	1, 913	2, 643	3, 855	3, 607	248	5, 563	5, 174	389
Not reported.....	94							
<b>Median age</b> .....	<b>26. 5</b>	<b>29. 0</b>	<b>30. 2</b>	<b>30. 8</b>	<b>26. 1</b>	<b>29. 5</b>	<b>30. 3</b>	<b>23. 5</b>
<b>Male</b> .....	<b>62, 137</b>	<b>66, 062</b>	<b>74, 833</b>	<b>67, 129</b>	<b>7, 704</b>	<b>88, 331</b>	<b>78, 367</b>	<b>9, 964</b>
Under 5 years.....	5, 806	5, 355	8, 236	7, 244	992	10, 330	8, 849	1, 481
5 to 9 years.....	6, 381	5, 419	6, 715	5, 915	799	9, 504	8, 202	1, 302
10 to 14 years.....	6, 069	5, 952	5, 060	4, 945	716	8, 524	7, 458	1, 068
15 to 19 years.....	5, 758	6, 180	5, 311	4, 686	626	6, 034	5, 837	707
20 to 24 years.....	5, 337	5, 692	5, 606	5, 003	604	5, 272	4, 646	627
25 to 29 years.....	4, 860	5, 451	5, 972	5, 350	622	5, 333	4, 722	611
30 to 34 years.....	4, 562	5, 070	5, 625	5, 081	544	5, 846	5, 218	628
35 to 39 years.....	4, 080	4, 746	5, 518	4, 956	562	6, 080	5, 447	633
40 to 44 years.....	4, 136	4, 419	5, 070	4, 574	497	5, 076	5, 117	550
45 to 49 years.....	3, 672	4, 209	4, 526	4, 080	446	5, 358	4, 828	530
50 to 54 years.....	3, 132	3, 753	4, 129	3, 756	373	4, 735	4, 286	449
55 to 59 years.....	2, 426	3, 011	3, 630	3, 351	279	4, 127	3, 729	399
60 to 64 years.....	1, 942	2, 398	3, 038	2, 829	208	3, 409	3, 122	288
65 to 69 years.....	1, 418	1, 896	2, 425	2, 223	202	2, 931	2, 684	247
70 to 74 years.....	992	1, 271	1, 629	1, 513	116	2, 185	2, 018	167
75 years and over.....	916	1, 239	1, 744	1, 624	120	2, 387	2, 206	181
Not reported.....	52							
<b>Median age</b> .....	<b>26. 7</b>	<b>29. 1</b>	<b>29. 9</b>	<b>30. 4</b>	<b>25. 9</b>	<b>28. 7</b>	<b>29. 4</b>	<b>22. 7</b>
<b>Female</b> .....	<b>60, 638</b>	<b>65, 608</b>	<b>75, 864</b>	<b>67, 813</b>	<b>8, 051</b>	<b>90, 992</b>	<b>80, 465</b>	<b>10, 527</b>
Under 5 years.....	5, 638	5, 187	7, 927	6, 940	987	9, 991	8, 500	1, 482
5 to 9 years.....	6, 227	5, 266	6, 485	5, 651	804	9, 187	7, 885	1, 302
10 to 14 years.....	5, 936	5, 794	5, 459	4, 750	709	8, 249	7, 182	1, 067
15 to 19 years.....	5, 794	6, 153	5, 305	4, 645	661	6, 586	5, 771	814
20 to 24 years.....	5, 534	5, 805	5, 876	5, 176	699	5, 528	4, 825	703
25 to 29 years.....	4, 973	5, 646	6, 270	5, 375	695	5, 530	4, 834	702
30 to 34 years.....	4, 559	5, 172	5, 892	5, 276	617	6, 103	5, 371	732
35 to 39 years.....	4, 529	4, 500	5, 729	5, 103	626	6, 402	5, 694	708
40 to 44 years.....	3, 854	4, 369	5, 134	4, 617	517	5, 924	5, 306	618
45 to 49 years.....	3, 370	4, 046	4, 544	4, 089	455	5, 522	4, 957	565
50 to 54 years.....	2, 844	3, 504	4, 144	3, 779	364	4, 871	4, 408	464
55 to 59 years.....	2, 220	2, 833	3, 605	3, 345	260	4, 303	3, 898	405
60 to 64 years.....	1, 810	2, 331	3, 022	2, 823	198	3, 733	3, 429	304
65 to 69 years.....	1, 353	1, 911	2, 578	2, 363	216	3, 327	3, 055	272
70 to 74 years.....	958	1, 299	1, 783	1, 668	115	2, 554	2, 373	181
75 years and over.....	997	1, 404	2, 111	1, 983	129	3, 176	2, 968	208
Not reported.....	42							
<b>Median age</b> .....	<b>26. 2</b>	<b>29. 0</b>	<b>30. 5</b>	<b>31. 1</b>	<b>26. 2</b>	<b>30. 3</b>	<b>31. 1</b>	<b>24. 3</b>

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Population: 1960*, Vol. I.

## No. 19. POPULATION, BY AGE, BY STATES AND FOR PUERTO RICO: 1960

[In thousands]

STATE OR OTHER AREA	Under 5 years	5 to 9 years	10 to 14 years	15 to 19 years	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 and over	21 and over	Median age
<b>United States</b> .....	20,321	18,692	16,773	13,219	10,801	22,813	24,081	20,485	15,572	16,560	108,124	29.5
<b>New England</b> .....	1,135	1,016	927	747	599	1,295	1,442	1,238	989	1,122	6,561	31.6
Maine.....	109	99	93	75	58	116	119	106	88	107	581	29.5
New Hampshire.....	66	60	56	44	35	72	70	60	57	68	373	31.0
Vermont.....	44	41	35	32	22	44	47	43	35	44	231	29.3
Massachusetts.....	548	488	444	362	294	632	698	609	501	572	3,245	32.1
Rhode Island.....	90	80	74	63	54	105	120	102	82	90	540	31.9
Connecticut.....	278	248	221	170	135	326	379	309	226	243	1,591	31.8
<b>Middle Atlantic</b> .....	3,521	3,215	2,935	2,289	1,871	4,398	4,894	4,298	3,370	3,377	21,842	32.6
New York.....	1,691	1,531	1,405	1,094	934	2,188	2,360	2,151	1,741	1,688	10,881	33.1
New Jersey.....	642	582	524	396	321	707	919	757	567	560	3,861	32.4
Pennsylvania.....	1,188	1,102	1,005	800	615	1,413	1,615	1,390	1,062	1,129	7,100	32.0
<b>E. North Central</b> .....	4,251	3,844	3,327	2,556	2,106	4,628	4,882	4,107	3,164	3,358	21,833	29.6
Ohio.....	1,139	1,034	905	676	571	1,260	1,328	1,079	817	897	5,839	29.5
Indiana.....	543	490	439	345	283	504	610	509	394	446	2,778	28.9
Illinois.....	1,130	1,003	868	687	582	1,288	1,385	1,216	947	975	6,281	31.2
Michigan.....	960	879	744	564	447	1,013	1,064	850	645	638	4,580	28.3
Wisconsin.....	470	428	371	284	223	473	494	445	361	403	2,354	29.4
<b>W. North Central</b> .....	1,758	1,622	1,419	1,124	895	1,822	1,890	1,715	1,429	1,720	9,288	30.0
Minnesota.....	416	381	325	251	195	400	416	370	306	354	2,001	28.6
Iowa.....	307	292	259	203	155	317	335	303	259	328	1,664	30.3
Missouri.....	466	422	377	308	252	514	541	511	425	503	2,696	31.6
North Dakota.....	80	74	65	52	38	73	73	68	52	59	355	26.2
South Dakota.....	83	78	67	52	39	78	90	71	60	72	392	27.7
Nebraska.....	160	147	128	100	83	169	171	155	133	164	858	30.2
Kansas.....	246	228	198	157	133	270	274	237	195	240	1,322	29.9
<b>South Atlantic</b> .....	2,989	2,790	2,579	2,092	1,717	3,371	3,471	2,830	2,031	2,099	15,160	27.5
Delaware.....	55	48	40	30	27	62	64	49	34	36	267	28.7
Maryland.....	367	332	294	226	189	421	459	347	240	227	1,845	28.7
Dist. of Columbia.....	78	63	52	49	60	109	107	100	76	69	509	32.2
Virginia.....	458	423	388	324	285	532	552	426	291	289	2,313	27.1
West Virginia.....	196	200	202	156	105	217	239	212	161	173	1,083	28.5
North Carolina.....	526	508	487	408	318	599	593	479	326	312	2,557	25.5
South Carolina.....	295	286	269	229	167	297	300	235	154	151	1,266	23.4
Georgia.....	472	440	412	332	271	598	595	426	287	291	2,231	25.9
Florida.....	541	491	435	337	296	626	653	557	463	553	3,088	31.2
<b>E. South Central</b> .....	1,406	1,329	1,262	1,027	765	1,448	1,476	1,315	971	1,052	6,861	26.7
Kentucky.....	342	326	312	254	193	363	374	325	257	292	1,764	27.6
Tennessee.....	394	376	359	297	229	449	490	403	293	309	2,093	28.0
Alabama.....	390	368	350	279	208	400	404	358	249	261	1,834	26.0
Mississippi.....	278	260	242	197	135	236	239	229	172	190	1,171	24.2
<b>W. South Central</b> .....	2,022	1,885	1,681	1,343	1,076	2,153	2,119	1,859	1,382	1,439	9,797	27.2
Arkansas.....	194	188	187	151	100	190	209	207	166	194	1,043	29.0
Louisiana.....	423	388	337	262	205	408	400	344	249	242	1,804	25.3
Oklahoma.....	243	234	220	184	145	279	288	269	216	249	1,416	30.0
Texas.....	1,162	1,075	936	746	626	1,276	1,223	1,039	752	745	5,534	27.0
<b>Mountain</b> .....	877	802	694	534	444	888	885	710	493	527	3,858	25.9
Montana.....	83	77	67	51	40	81	86	73	52	65	389	27.6
Idaho.....	82	79	71	55	39	77	84	72	50	58	372	26.0
Wyoming.....	41	38	33	25	20	44	44	36	25	26	190	27.3
Colorado.....	209	193	167	131	112	232	232	185	135	158	1,031	27.9
New Mexico.....	136	121	103	76	68	132	119	98	56	51	501	22.8
Arizona.....	167	152	134	101	86	170	173	137	93	90	732	25.7
Utah.....	126	113	95	76	61	113	105	83	59	60	468	22.9
Nevada.....	33	29	25	19	19	40	43	36	23	18	175	20.5
<b>Pacific</b> .....	2,362	2,189	1,948	1,507	1,328	2,813	3,023	2,412	1,742	1,873	12,923	29.7
Washington.....	316	301	276	209	174	346	388	327	239	279	1,718	29.6
Oregon.....	185	188	172	130	96	204	235	214	160	184	1,073	30.8
California.....	1,746	1,600	1,418	1,096	984	2,130	2,278	1,703	1,296	1,376	9,600	30.0
Alaska.....	34	27	20	17	21	40	32	19	9	5	124	23.3
Hawaii.....	81	73	64	55	51	93	90	60	38	29	348	24.3
<b>Puerto Rico</b> .....	354	323	321	247	172	263	238	181	124	122	1,062	18.5

Source: Department of Commerce, Bureau of the Census; U.S. Census of Population: 1960, Vol. I.

# NO. 20. ESTIMATED POPULATION, BY AGE, SEX, AND COLOR: 1961

[In thousands. As of July 1. Includes Alaska, Hawaii, and Armed Forces abroad. Based on 1960 Census age data]

AGE	ALL CLASSES			WHITE			NONWHITE		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All ages.....	183,642	90,736	92,907	162,488	80,428	82,060	21,154	10,308	10,846
Under 5 years.....	20,609	10,487	10,122	17,560	8,960	8,600	3,049	1,527	1,522
5 to 9 years.....	19,172	9,748	9,424	16,472	8,398	8,074	2,700	1,350	1,350
10 to 14 years.....	17,859	9,075	8,784	15,535	7,912	7,623	2,324	1,163	1,161
15 to 19 years.....	13,739	6,958	6,781	12,073	6,120	5,943	1,666	828	837
20 to 24 years.....	11,459	5,734	5,725	10,056	5,058	4,998	1,408	676	727
25 to 29 years.....	10,898	5,409	5,489	9,583	4,790	4,793	1,315	619	696
30 to 34 years.....	11,770	5,805	5,965	10,414	5,178	5,237	1,355	628	728
35 to 44 years.....	24,383	11,944	12,439	21,817	10,730	11,085	2,666	1,213	1,354
45 to 54 years.....	20,890	10,273	10,617	18,843	9,281	9,563	2,046	992	1,055
55 to 64 years.....	15,853	7,659	8,194	14,423	6,956	7,467	1,430	703	727
65 to 69 years.....	6,281	2,918	3,363	5,707	2,675	3,032	514	243	271
70 years and over.....	10,729	4,727	6,002	9,944	4,359	5,585	785	368	418
Under 1 year.....	4,261	2,170	2,086	3,605	1,845	1,760	656	331	326
1 to 4 years.....	16,347	8,311	8,036	13,955	7,115	6,840	2,393	1,196	1,196
5 to 9 years.....	33,271	16,911	16,360	28,673	14,611	14,062	4,698	2,300	2,298
10 to 14 years.....	12,035	6,109	5,926	10,591	5,390	5,202	1,444	719	724
15 to 19 years.....	10,213	5,147	5,066	8,976	4,537	4,439	1,238	610	628
20 to 24 years.....	129,763	63,338	66,425	116,255	56,857	59,398	13,508	6,481	7,026
25 to 29 years.....	117,728	57,229	60,499	105,664	51,467	54,197	12,064	5,762	6,302
30 to 34 years.....	109,826	53,241	56,585	98,714	47,951	50,763	11,112	5,290	5,822
35 to 44 years.....	17,011	7,645	9,366	15,711	7,034	8,677	1,300	611	689
Median age..... years..	29.1	28.1	30.1	30.0	28.9	31.0	23.0	22.1	23.8

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-25, No. 240.

# NO. 21. METROPOLITAN AND NONMETROPOLITAN POPULATION, URBAN AND RURAL, BY AGE: 1960

[In thousands. Based on 25-percent sample; see source for sampling variability. For definition of standard metropolitan statistical areas, see headnote, table 10; for definition of urban and rural, see text, pp. 1, 2]

AGE AND SEX	United States	INSIDE STANDARD METROPOLITAN STATISTICAL AREAS					OUTSIDE STANDARD METROPOLITAN STATISTICAL AREAS				
		Total	Urban			Rural non-farm	Rural farm	Total	Urban	Rural non-farm	Rural farm
			Total	Central cities	Other urban						
All ages.....	179,326	112,884	99,571	58,208	41,363	11,675	1,637	66,442	25,712	28,922	11,808
Under 5.....	20,322	12,818	11,195	6,205	4,990	1,469	154	7,503	2,867	3,457	1,179
5 to 9.....	18,659	11,502	9,976	5,382	4,593	1,352	173	7,157	2,606	3,241	1,311
10 to 14.....	16,816	10,082	8,720	4,785	3,934	1,182	181	6,734	2,362	2,992	1,380
15 to 19.....	13,287	7,818	6,774	3,680	2,785	897	148	5,460	2,003	2,349	1,117
20 to 24.....	10,803	6,876	6,060	3,330	2,230	745	71	3,927	1,669	1,750	508
25 to 29.....	10,870	7,143	6,320	3,719	2,601	758	66	3,727	1,536	1,711	481
30 to 34.....	11,952	7,938	7,006	3,903	3,102	861	81	4,014	1,631	1,807	575
35 to 39.....	12,508	8,334	7,374	4,068	3,306	861	99	4,174	1,689	1,803	683
40 to 44.....	11,567	7,592	6,737	3,816	2,921	747	107	3,975	1,575	1,654	746
45 to 49.....	10,929	7,022	6,251	3,705	2,546	657	114	3,907	1,509	1,598	801
50 to 54.....	9,066	6,175	5,525	3,302	2,133	547	103	3,521	1,363	1,425	733
55 to 59.....	8,506	5,456	4,908	3,119	1,790	453	95	3,140	1,217	1,262	661
60 to 64.....	7,112	4,483	4,045	2,616	1,429	356	82	2,629	1,028	1,060	541
65 to 69.....	6,187	3,789	3,416	2,236	1,180	305	67	2,398	948	1,003	446
70 to 74.....	4,661	2,790	2,517	1,651	867	226	46	1,871	757	804	311
75 and over.....	5,359	3,066	2,747	1,791	956	269	50	2,293	953	1,005	336
Median age..... years..	29.5	30.0	30.5	31.5	29.1	26.3	31.5	28.3	29.4	27.0	29.3
Male.....	88,303	55,178	48,309	28,031	20,277	6,022	847	33,125	12,410	14,605	6,110
Median age..... years..	28.5	29.2	29.6	30.4	28.4	25.7	31.3	27.3	28.1	26.2	28.8
Female.....	91,023	57,706	51,263	30,177	21,086	5,653	790	33,316	13,302	14,316	5,698
Median age..... years..	30.4	30.9	31.4	32.6	29.8	26.9	31.8	29.2	30.6	27.7	29.7

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Population: 1960*, Vol. I.

**NO. 22. POPULATION, BY RACE, NATIVITY, AND SEX, 1930 TO 1960, AND URBAN AND RURAL, 1950 AND 1960**

[In thousands. Beginning 1960, includes Alaska and Hawaii. Parentage data for 1940 and 1950, and nativity and parentage data for 1960, based on sample and do not necessarily add to totals, which are derived from a different source. For explanation of current urban definition, see pp. 1, 2. See also *Historical Statistics, Colonial Times to 1957, series A 34-70*]

RACE AND SEX	1930	1940	1950, CURRENT URBAN DEFINITION			1960, CURRENT URBAN DEFINITION		
			Total	Urban	Rural	Total	Urban	Rural
<b>Total</b> .....	122,775	131,669	150,697	96,468	54,230	179,323	125,269	54,054
White.....	110,287	118,215	134,942	80,756	48,186	158,832	110,428	48,403
Native.....	95,303	105,796	124,781	78,268	46,513	149,544	102,312	47,232
Native parentage.....	70,401	84,125	100,805	59,216	41,589	125,750	82,798	42,961
Foreign or mixed parentage.....	25,902	23,158	23,579	18,801	4,777	23,784	19,514	4,270
Foreign.....	17,408	15,184	14,816	12,174	2,642	(1)	(1)	(1)
Mixed.....	8,495	7,974	8,763	6,628	2,135	(1)	(1)	(1)
Foreign born.....	13,983	11,419	10,161	8,489	1,672	9,294	8,131	1,163
Negro.....	11,891	12,866	15,042	9,393	5,650	18,872	13,808	5,064
Other races.....	597	580	713	319	394	1,620	1,033	587
Indian.....	332	334	343	56	287	524	146	378
Japanese.....	139	127	142	101	41	464	381	83
Chinese.....	75	78	118	109	8	237	227	11
Filipino.....	45	40	62	41	21	176	130	47
All other <sup>2</sup> .....	6	5	49	11	37	218	150	68
<b>Male</b> .....	62,137	66,062	74,833	46,392	27,941	88,331	60,733	27,598
White.....	55,923	59,449	67,129	42,250	24,870	78,307	53,631	24,736
Native.....	48,420	53,438	61,953	37,994	23,958	(1)	(1)	(1)
Foreign born.....	7,502	6,011	5,176	4,256	921	(1)	(1)	(1)
Negro.....	5,856	6,269	7,299	4,450	2,849	9,113	6,557	2,556
Other races.....	359	344	405	192	213	851	545	306
Indian.....	170	171	179	30	149	263	72	191
Japanese.....	82	72	77	53	23	225	184	41
Chinese.....	60	57	77	72	5	136	129	6
Filipino.....	42	40	46	30	17	112	80	32
All other <sup>2</sup> .....	5	4	27	7	20	115	79	36
<b>Female</b> .....	60,638	65,608	75,864	49,576	26,288	90,992	64,536	26,456
White.....	54,364	58,766	67,813	44,507	23,300	80,465	55,797	24,667
Native.....	47,883	53,358	62,828	40,273	22,555	(1)	(1)	(1)
Foreign born.....	6,481	5,408	4,955	4,233	721	(1)	(1)	(1)
Negro.....	6,035	6,596	7,744	4,943	2,801	9,758	7,251	2,508
Other races.....	238	245	308	127	181	769	488	281
Indian.....	162	163	165	26	139	260	74	187
Japanese.....	57	55	65	47	18	240	197	43
Chinese.....	15	20	41	38	3	102	97	5
Filipino.....	3	6	10	11	4	64	53	11
All other <sup>2</sup> .....	1	1	22	4	18	103	71	33

<sup>1</sup> Not available. <sup>2</sup> Comprises Asian Indians, Koreans, Polynesians, Indonesians, Hawaiians, Aleuts, Eskimos, and other nonwhite races.

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Population: 1950*, Vol. II, Part 1, and Vol. IV, Part 3; and *U.S. Census of Population: 1960*, Vol. I.

**NO. 23. POPULATION OF NONWHITE RACES (EXCLUDING NEGRO), BY STATES: 1960**

STATE	Indian	Japanese	Chinese	Filipino	All other <sup>1</sup>	STATE	Indian	Japanese	Chinese	Filipino	All other <sup>1</sup>
<b>U.S.</b> .....	523,591	464,332	237,292	176,310	218,087	Mo......	1,723	1,473	954	719	1,124
Ala......	1,276	500	288	127	669	Mont......	21,181	589	240	253	209
Alaska.....	14,444	818	137	814	28,637	Nebr......	5,545	905	280	123	441
Ariz......	83,387	1,501	2,936	943	474	Nev......	6,681	544	572	286	208
Ark......	590	237	676	83	206	N.H......	135	207	152	41	149
Calif......	39,014	157,317	95,600	65,459	20,723	N.J......	1,609	3,514	3,813	1,451	2,427
Colo......	4,288	6,846	724	605	792	N. Mex......	56,255	930	362	192	458
Conn......	923	933	805	726	802	N.Y......	16,491	8,702	37,573	5,403	0,553
Del......	597	152	191	67	270	N.O......	38,129	1,265	404	343	708
D.C......	587	900	2,632	1,153	1,079	N. Dak......	11,736	127	100	47	121
Fla......	2,504	1,315	1,023	1,361	1,290	Ohio......	1,910	3,135	2,507	943	2,107
Ga......	749	885	686	433	544	Okla......	64,689	749	398	267	1,197
Hawaii.....	472	203,455	38,197	60,070	114,405	Oreg......	8,026	5,016	2,995	1,109	1,371
Idaho.....	5,231	2,254	311	103	817	Pa......	2,122	2,348	3,741	1,840	2,761
Ill......	4,704	14,074	7,047	3,587	4,024	R.I......	932	192	574	424	322
Ind......	948	1,093	952	402	1,274	S.C......	1,098	460	158	328	237
Iowa.....	1,708	599	428	167	677	S. Dak......	25,794	188	89	59	172
Kans......	5,069	1,362	537	372	1,160	Tenn......	638	507	487	249	579
Ky......	391	774	288	236	435	Texas......	5,750	4,053	4,172	1,623	2,123
La......	3,587	519	731	754	509	Utah......	6,961	4,371	629	207	483
Maine.....	1,879	343	123	131	180	Vt......	57	79	68	25	41
Md......	1,538	1,842	2,188	1,670	1,122	Va......	2,155	1,733	1,135	1,857	1,368
Mass......	2,118	1,924	6,745	809	1,996	Wash......	21,076	16,652	5,491	7,110	2,472
Mich......	9,701	3,211	3,234	1,134	2,468	W. Va......	181	176	138	105	310
Minn......	15,496	1,726	1,270	646	860	Wis......	14,297	1,425	1,010	401	1,195
Miss......	3,119	178	1,244	59	252	Wyo......	4,020	514	192	99	136

<sup>1</sup> See footnote 2, table 22.

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Population: 1960*, Vol. I.

## No. 24. POPULATION, BY RACE, BY STATES: 1940 to 1960

STATE	1940			1950			1960		
	White	Negro	Other races	White	Negro	Other races	White	Negro	Other races
<b>United States..</b>	<b>118,357,831</b>	<b>12,865,914</b>	<b>941,384</b>	<b>135,149,629</b>	<b>15,044,937</b>	<b>1,131,232</b>	<b>158,831,732</b>	<b>18,871,831</b>	<b>1,610,612</b>
<b>New England.....</b>	<b>8,329,146</b>	<b>101,509</b>	<b>6,635</b>	<b>9,161,156</b>	<b>142,941</b>	<b>10,356</b>	<b>10,242,389</b>	<b>243,363</b>	<b>23,615</b>
Maine.....	844,543	1,304	1,379	910,846	1,221	1,707	963,291	3,318	2,656
New Hampshire.....	490,989	414	121	532,275	731	236	604,334	1,903	684
Vermont.....	358,806	384	41	377,188	443	116	389,002	519	270
Massachusetts.....	4,257,596	55,391	3,794	4,611,503	73,171	5,840	5,023,144	111,842	13,592
Rhode Island.....	701,805	11,024	517	777,015	13,903	978	838,712	18,332	2,444
Connecticut.....	1,675,407	32,992	843	1,952,320	53,472	1,479	2,423,810	107,449	8,969
<b>Middle Atlantic.....</b>	<b>26,237,622</b>	<b>1,268,366</b>	<b>33,499</b>	<b>28,237,528</b>	<b>1,875,241</b>	<b>50,764</b>	<b>31,280,078</b>	<b>2,785,136</b>	<b>103,238</b>
New York.....	12,870,546	571,221	28,375	13,872,095	918,191	39,906	15,287,071	1,417,511	77,722
New Jersey.....	3,631,087	226,973	2,105	4,511,585	318,565	5,179	5,539,003	514,875	12,904
Pennsylvania.....	9,426,989	470,172	3,019	9,853,848	638,485	5,679	10,464,004	852,750	12,612
<b>E. N. Central.....</b>	<b>25,528,451</b>	<b>1,069,326</b>	<b>28,565</b>	<b>28,549,307</b>	<b>1,803,698</b>	<b>52,363</b>	<b>33,253,272</b>	<b>2,884,969</b>	<b>86,783</b>
Ohio.....	6,566,531	339,461	1,020	7,428,222	513,072	5,333	8,909,698	786,097	10,002
Indiana.....	3,305,323	121,916	557	3,758,512	174,108	1,844	4,388,554	269,275	4,600
Illinois.....	7,504,202	387,446	5,503	8,046,058	645,980	20,138	9,010,252	1,037,470	33,436
Michigan.....	5,039,643	288,345	8,118	5,917,825	422,296	11,645	7,085,865	717,581	19,748
Wisconsin.....	3,112,752	12,158	12,677	3,392,690	28,192	13,703	3,858,003	74,546	18,327
<b>W. N. Central.....</b>	<b>13,111,519</b>	<b>350,992</b>	<b>54,479</b>	<b>13,576,077</b>	<b>424,178</b>	<b>61,139</b>	<b>14,749,345</b>	<b>561,068</b>	<b>83,702</b>
Minnesota.....	2,768,982	9,928	13,390	2,953,697	14,022	14,764	3,371,603	22,203	19,998
Iowa.....	2,620,691	16,694	883	2,599,546	10,692	1,835	2,728,709	25,354	3,474
Missouri.....	3,539,187	244,386	1,091	3,655,593	297,088	1,972	3,922,087	390,853	5,993
North Dakota.....	631,464	201	10,270	608,448	257	10,631	619,538	777	12,131
South Dakota.....	619,075	474	23,412	628,504	727	23,609	653,098	1,114	26,302
Nebraska.....	1,207,624	14,171	4,039	1,301,328	19,234	4,948	1,374,704	29,262	7,304
Kansas.....	1,734,496	66,138	1,394	1,828,961	73,158	3,180	2,078,666	91,445	8,560
<b>S. Atlantic.....</b>	<b>13,095,227</b>	<b>4,698,863</b>	<b>29,061</b>	<b>16,041,709</b>	<b>5,094,744</b>	<b>45,882</b>	<b>20,047,496</b>	<b>5,844,565</b>	<b>79,671</b>
Delaware.....	230,528	35,876	101	273,878	43,598	609	384,327	60,088	1,277
Maryland.....	1,518,481	301,931	832	1,954,975	385,972	2,054	2,573,919	518,410	8,360
Dist. of Col.....	474,326	187,266	1,499	517,805	280,803	3,510	345,263	411,737	6,956
Virginia.....	2,015,583	661,449	741	2,581,556	734,211	2,914	3,142,443	816,258	8,248
West Virginia.....	1,784,102	117,754	118	1,890,282	114,807	403	1,770,133	89,378	910
North Carolina.....	2,567,635	981,208	22,600	2,983,121	1,047,353	31,455	3,399,285	1,116,021	40,849
South Carolina.....	1,084,308	814,164	1,332	1,293,405	822,077	1,544	1,551,022	820,291	2,281
Georgia.....	2,038,278	1,084,927	518	2,380,577	1,062,762	1,239	2,817,223	1,122,596	3,297
Florida.....	1,381,986	514,198	1,230	2,166,051	603,101	2,153	4,063,881	880,186	7,493
<b>E. S. Central.....</b>	<b>7,993,755</b>	<b>2,780,635</b>	<b>3,835</b>	<b>8,770,570</b>	<b>2,698,635</b>	<b>7,976</b>	<b>9,338,991</b>	<b>2,698,839</b>	<b>12,296</b>
Kentucky.....	2,631,426	214,031	171	2,742,090	201,921	795	2,820,083	215,949	2,124
Tennessee.....	2,406,906	508,736	199	2,760,257	530,603	858	2,977,753	586,876	2,460
Alabama.....	1,849,097	983,290	574	2,079,591	979,617	2,535	2,283,609	980,271	2,860
Mississippi.....	1,106,327	1,074,578	2,891	1,188,632	986,494	3,688	1,257,546	915,743	4,852
<b>W. S. Central.....</b>	<b>10,569,596</b>	<b>2,425,121</b>	<b>69,808</b>	<b>12,037,250</b>	<b>2,432,028</b>	<b>68,294</b>	<b>14,090,149</b>	<b>2,768,203</b>	<b>92,903</b>
Arkansas.....	1,466,084	482,578	725	1,481,507	426,639	1,365	1,395,703	388,787	1,782
Louisiana.....	1,511,739	849,303	2,838	1,796,683	882,428	4,405	2,211,715	1,039,207	6,100
Oklahoma.....	2,104,228	168,849	63,357	2,032,526	145,503	55,322	2,107,900	153,084	67,300
Texas.....	5,487,546	924,391	2,888	6,720,534	977,458	7,202	8,374,831	1,187,125	17,721
<b>Mountain.....</b>	<b>3,978,913</b>	<b>36,411</b>	<b>134,679</b>	<b>4,845,634</b>	<b>66,429</b>	<b>162,935</b>	<b>6,514,294</b>	<b>123,242</b>	<b>217,524</b>
Montana.....	540,468	1,120	17,868	572,038	1,232	17,754	650,738	1,407	22,562
Idaho.....	519,292	595	4,986	581,395	1,050	6,192	657,383	1,602	8,306
Wyoming.....	240,597	956	3,189	284,009	2,557	3,063	322,922	2,183	4,901
Colorado.....	1,160,502	12,176	4,618	1,296,653	20,177	8,259	1,700,700	39,992	13,255
New Mexico.....	492,312	4,672	34,834	630,211	8,408	42,668	875,763	17,063	58,197
Arizona.....	420,792	14,903	57,476	654,511	25,974	69,102	1,189,517	43,403	80,241
Utah.....	542,920	1,236	6,155	676,909	2,729	9,274	873,828	4,148	12,651
Nevada.....	104,030	604	5,553	149,908	4,302	5,223	263,443	13,484	8,351
<b>Pacific.....</b>	<b>9,513,602</b>	<b>134,691</b>	<b>580,823</b>	<b>13,936,398</b>	<b>507,043</b>	<b>671,523</b>	<b>19,315,718</b>	<b>962,446</b>	<b>919,880</b>
Washington.....	1,698,147	7,424	30,620	2,316,496	30,691	31,776	2,751,675	48,738	52,801
Oregon.....	1,075,731	2,555	11,388	1,497,128	11,529	12,684	1,732,037	18,133	18,517
California.....	6,596,763	124,306	186,318	9,015,173	462,172	208,878	14,455,230	883,861	378,113
Alaska.....	39,170	141	33,213	92,808	(1)	35,835	174,546	6,771	44,860
Hawaii.....	103,791	255	319,284	114,793	2,651	382,350	202,230	4,943	425,599

1 Not available.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, *Population*, Vol. II, *U.S. Census of Population: 1960*, Vol. II, Part I, and *U.S. Census of Population: 1960*, Vol. I.



## No. 25. POPULATION, BY RACE AND SEX, BY STATES: 1960

STATE	WHITE			NONWHITE					
	Male	Female	Males per 100 fe- males	Negro			Other races		
				Male	Female	Males per 100 fe- males	Male	Female	Males per 100 fe- males
<b>United States..</b>	<b>78,367,149</b>	<b>80,464,583</b>	<b>97.4</b>	<b>9,113,408</b>	<b>9,758,423</b>	<b>93.4</b>	<b>850,937</b>	<b>768,675</b>	<b>110.7</b>
<b>New England.....</b>	<b>4,988,530</b>	<b>5,253,859</b>	<b>94.9</b>	<b>119,802</b>	<b>123,561</b>	<b>97.0</b>	<b>12,881</b>	<b>10,734</b>	<b>120.0</b>
Maine.....	475,682	487,609	97.6	2,045	1,273	160.6	1,327	1,329	99.8
New Hampshire.....	200,602	307,672	96.4	1,098	805	136.4	347	337	103.0
Vermont.....	191,321	197,771	96.7	289	230	125.7	133	137	97.1
Massachusetts.....	2,423,947	2,599,197	93.3	54,748	57,094	95.0	7,540	6,052	124.6
Rhode Island.....	411,265	427,447	96.2	9,228	9,104	101.4	1,352	1,092	123.8
Connecticut.....	1,189,653	1,234,163	96.4	52,304	55,055	95.2	2,182	1,787	122.1
<b>Middle Atlantic.....</b>	<b>15,232,755</b>	<b>16,047,323</b>	<b>94.9</b>	<b>1,314,789</b>	<b>1,470,347</b>	<b>89.4</b>	<b>57,537</b>	<b>45,701</b>	<b>125.9</b>
New York.....	7,421,364	7,865,707	94.4	657,534	759,977	86.5	44,341	33,381	132.8
New Jersey.....	2,717,512	2,821,491	96.3	247,933	266,942	92.9	6,546	6,358	103.0
Pennsylvania.....	5,093,870	5,360,125	95.0	409,322	443,428	92.3	6,650	5,902	111.5
<b>East North Central.....</b>	<b>16,415,943</b>	<b>16,837,329</b>	<b>97.5</b>	<b>1,401,295</b>	<b>1,483,674</b>	<b>94.4</b>	<b>45,974</b>	<b>40,809</b>	<b>112.7</b>
Ohio.....	4,376,126	4,533,572	96.5	382,627	403,470	94.8	5,475	5,127	106.8
Indiana.....	2,165,509	2,223,045	97.4	130,725	138,550	94.4	2,504	2,165	115.7
Illinois.....	4,435,687	4,574,565	97.0	498,884	538,586	92.6	18,295	15,141	120.8
Michigan.....	3,520,422	3,565,443	98.7	352,142	365,439	95.4	10,304	9,444	109.1
Wisconsin.....	1,918,199	1,940,704	98.8	36,917	37,629	98.1	9,396	8,932	105.2
<b>West North Central.....</b>	<b>7,294,887</b>	<b>7,454,458</b>	<b>97.9</b>	<b>271,885</b>	<b>289,183</b>	<b>94.0</b>	<b>42,398</b>	<b>41,304</b>	<b>102.6</b>
Minnesota.....	1,671,493	1,700,110	98.3	11,217	11,046	101.5	1,745	1,746	105.2
Iowa.....	1,344,933	1,383,776	97.2	12,373	12,981	95.3	1,741	1,733	100.5
Missouri.....	1,918,378	2,004,589	95.7	186,742	204,111	91.5	3,159	2,834	111.5
North Dakota.....	316,637	302,901	104.5	492	285	172.0	6,079	6,052	100.4
South Dakota.....	330,434	322,664	102.4	667	447	149.2	13,170	13,132	100.3
Nebraska.....	681,603	693,161	98.3	14,651	14,611	100.3	3,772	3,532	108.8
Kansas.....	1,031,409	1,047,257	98.5	45,743	45,702	100.1	4,225	4,275	98.8
<b>South Atlantic.....</b>	<b>9,916,950</b>	<b>10,130,546</b>	<b>97.9</b>	<b>2,834,653</b>	<b>3,009,912</b>	<b>94.2</b>	<b>40,894</b>	<b>38,777</b>	<b>105.5</b>
Delaware.....	190,186	194,141	98.0	30,311	30,377	99.8	639	638	100.2
Maryland.....	1,273,444	1,300,475	97.9	255,316	263,094	97.0	4,440	3,920	113.3
District of Colum- bia.....	158,124	187,139	84.5	196,257	215,480	91.1	3,790	3,166	119.7
Virginia.....	1,571,139	1,571,304	100.0	403,858	412,400	97.9	4,375	3,873	113.0
West Virginia.....	871,178	898,955	96.9	43,360	46,009	94.3	4,488	4,222	115.6
North Carolina.....	1,684,797	1,714,488	98.3	541,095	574,026	94.4	20,277	20,872	98.6
South Carolina.....	775,754	775,268	100.1	398,931	430,360	92.7	1,133	1,148	98.7
Georgia.....	1,391,735	1,425,488	97.6	532,509	590,087	90.2	1,609	1,628	102.5
Florida.....	2,000,593	2,063,288	97.0	432,107	448,079	96.4	4,083	3,410	119.7
<b>East South Central.....</b>	<b>4,610,484</b>	<b>4,728,507</b>	<b>97.5</b>	<b>1,292,182</b>	<b>1,406,657</b>	<b>91.9</b>	<b>6,114</b>	<b>6,182</b>	<b>98.9</b>
Kentucky.....	1,401,904	1,418,179	98.9	105,547	110,402	95.6	907	1,127	88.5
Tennessee.....	1,459,508	1,518,245	96.1	279,935	306,941	91.2	1,247	1,213	102.8
Alabama.....	1,124,061	1,159,548	96.9	466,206	514,065	90.7	1,442	1,418	101.7
Mississippi.....	625,011	632,535	98.8	440,494	475,249	92.7	2,428	2,424	100.2
<b>West South Central.....</b>	<b>6,981,780</b>	<b>7,108,369</b>	<b>98.2</b>	<b>1,335,945</b>	<b>1,432,258</b>	<b>93.3</b>	<b>46,348</b>	<b>46,555</b>	<b>99.6</b>
Arkansas.....	690,702	704,941	98.0	187,336	201,453	93.0	889	893	99.6
Louisiana.....	1,090,306	1,121,409	97.2	498,758	540,449	92.3	3,190	2,910	109.6
Oklahoma.....	1,041,202	1,066,698	97.6	73,388	79,696	92.1	33,261	34,039	97.7
Texas.....	4,159,510	4,215,321	98.7	576,403	610,662	94.4	9,008	8,713	103.4
<b>Mountain.....</b>	<b>3,276,316</b>	<b>3,237,978</b>	<b>101.2</b>	<b>63,129</b>	<b>60,113</b>	<b>105.0</b>	<b>109,344</b>	<b>108,180</b>	<b>101.1</b>
Montana.....	331,374	319,364	103.8	864	603	143.3	11,505	11,057	104.1
Idaho.....	333,298	324,085	102.8	808	694	116.4	4,315	3,991	108.1
Wyoming.....	165,349	157,573	104.9	1,142	1,041	109.7	2,524	2,437	103.6
Colorado.....	843,575	857,125	98.4	20,060	19,932	100.6	6,832	6,423	106.4
New Mexico.....	442,352	433,411	102.1	8,921	8,142	109.6	28,497	29,700	95.9
Arizona.....	587,872	581,645	101.1	22,252	21,151	105.2	44,804	44,437	100.8
Utah.....	436,198	437,630	99.7	2,182	1,966	111.0	6,544	6,107	107.2
Nevada.....	136,298	127,145	107.2	6,900	6,584	104.8	4,323	4,028	107.3
<b>Pacific.....</b>	<b>9,649,504</b>	<b>9,666,214</b>	<b>99.8</b>	<b>479,728</b>	<b>482,718</b>	<b>99.4</b>	<b>489,447</b>	<b>430,433</b>	<b>113.7</b>
Washington.....	1,381,261	1,370,414	100.8	26,000	22,738	114.3	27,776	25,025	111.0
Oregon.....	861,094	870,997	98.9	9,141	8,992	101.7	9,770	8,747	111.7
California.....	7,193,044	7,262,136	99.0	436,881	446,980	97.7	206,732	171,381	120.6
Alaska.....	101,194	73,352	138.0	4,301	2,470	174.1	23,316	21,534	108.3
Hawaii.....	112,915	89,315	126.4	3,405	1,538	221.4	221,853	203,746	108.9

Source: Department of Commerce, Bureau of the Census; U.S. Census of Population: 1960, Vol. I.

## NO. 26. POPULATION 21 YEARS OLD AND OVER, BY SEX, BY STATES: 1950 AND 1960

STATE	1950			1960		
	Total, 21 years old and over	Sex		Total, 21 years old and over	Sex	
		Male	Female		Male	Female
<b>United States</b> .....	97,770,866	48,067,896	49,702,970	108,123,552	52,272,594	55,850,958
<b>New England:</b>						
Maine.....	576,840	283,509	293,331	580,855	281,630	299,225
New Hampshire.....	352,780	171,020	181,760	372,725	178,753	193,972
Vermont.....	237,552	116,599	120,953	230,645	110,731	119,914
Massachusetts.....	3,237,104	1,520,510	1,685,594	3,245,066	1,523,958	1,721,108
Rhode Island.....	538,124	259,686	278,438	539,804	257,054	282,750
Connecticut.....	1,382,373	670,521	711,852	1,591,461	795,150	823,311
<b>Middle Atlantic:</b>						
New York.....	10,374,446	4,994,000	5,380,386	10,880,592	5,155,837	5,724,755
New Jersey.....	3,354,160	1,628,358	1,725,802	3,801,074	1,853,802	2,007,212
Pennsylvania.....	6,997,219	3,408,977	3,588,242	7,100,482	3,385,080	3,715,402
<b>East North Central:</b>						
Ohio.....	5,279,761	2,596,095	2,693,666	5,839,311	2,816,884	3,022,427
Indiana.....	2,556,487	1,261,119	1,295,348	2,777,924	1,344,943	1,432,981
Illinois.....	5,958,601	2,925,046	3,033,555	6,280,637	3,034,992	3,245,645
Michigan.....	4,106,606	2,006,908	2,039,698	4,580,295	2,246,835	2,333,460
Wisconsin.....	2,222,423	1,112,677	1,109,746	2,354,489	1,156,004	1,198,485
<b>West North Central:</b>						
Minnesota.....	1,910,153	958,369	951,784	2,001,455	981,274	1,020,181
Iowa.....	1,604,619	840,331	854,288	1,604,371	804,826	859,545
Missouri.....	2,643,120	1,281,239	1,361,880	2,995,614	1,286,062	1,409,552
North Dakota.....	366,590	194,439	172,151	354,866	182,183	172,683
South Dakota.....	401,146	209,349	191,797	391,597	197,000	193,597
Nebraska.....	860,391	431,142	429,249	858,318	419,864	438,454
Kansas.....	1,242,541	616,047	626,494	1,321,835	645,724	676,111
<b>South Atlantic:</b>						
Delaware.....	210,918	103,149	107,769	267,249	130,626	136,623
Maryland.....	1,527,080	752,882	774,207	1,845,067	898,505	946,562
District of Columbia.....	583,338	295,844	314,494	509,110	233,443	275,667
Virginia.....	2,026,339	1,011,610	1,013,820	2,312,887	1,135,065	1,177,822
West Virginia.....	1,171,878	587,373	584,505	1,063,347	522,215	561,132
North Carolina.....	2,311,771	1,130,024	1,181,047	2,556,884	1,228,283	1,328,601
South Carolina.....	1,150,867	554,085	596,782	1,260,251	603,929	662,322
Georgia.....	2,008,828	964,109	1,044,719	2,231,375	1,059,866	1,171,509
Florida.....	1,823,513	887,957	935,556	3,087,699	1,493,604	1,594,095
<b>East South Central:</b>						
Kentucky.....	1,742,978	864,430	878,548	1,763,644	857,870	905,774
Tennessee.....	1,978,548	961,147	1,017,401	2,092,891	994,486	1,098,405
Alabama.....	1,747,750	843,927	903,822	1,834,378	869,029	965,349
Mississippi.....	1,208,023	587,284	620,739	1,170,522	555,549	614,973
<b>West South Central:</b>						
Arkansas.....	1,112,866	550,158	562,708	1,043,260	502,450	540,810
Louisiana.....	1,587,145	770,580	816,565	1,803,805	860,651	942,854
Oklahoma.....	1,382,108	682,993	699,115	1,416,050	683,955	732,095
Texas.....	4,737,225	2,351,820	2,385,405	5,534,277	2,690,014	2,844,263
<b>Mountain:</b>						
Montana.....	372,345	198,368	173,977	388,673	199,142	189,531
Idaho.....	349,016	181,675	167,341	372,484	188,470	184,014
Wyoming.....	178,881	96,131	82,450	190,305	97,850	92,446
Colorado.....	844,748	420,846	423,902	1,031,263	503,602	527,661
New Mexico.....	375,387	192,582	182,805	500,675	252,673	248,002
Arizona.....	441,889	223,303	218,586	731,682	366,554	365,128
Utah.....	389,843	196,181	193,662	467,817	231,242	236,575
Nevada.....	107,173	57,810	49,363	175,365	91,707	83,658
<b>Pacific:</b>						
Washington.....	1,550,266	799,604	750,662	1,717,597	858,452	859,145
Oregon.....	1,001,716	509,726	491,990	1,073,431	529,340	544,082
California.....	7,211,825	3,569,206	3,642,619	9,660,178	4,743,305	4,916,873
Alaska.....	78,922	50,423	28,499	123,631	73,090	50,533
Hawaii.....	288,637	163,779	124,858	348,330	188,564	159,766

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Population: 1960, Vol. I.*

No. 27. NATIVITY AND PARENTAGE OF THE FOREIGN WHITE STOCK, BY STATES:  
1950 AND 1960

[1950 data for foreign-born white based on complete count; data for native white of foreign or mixed parentage based on 20-percent sample. 1960 data based on 25-percent sample. See source for sampling variability]

STATE	1950				1960			
	Total foreign white stock		Foreign-born white	Native white of foreign or mixed parentage	Total foreign white stock		Foreign-born white	Native white of foreign or mixed parentage
	Number	Percent			Number	Percent		
<b>United States.....</b>	<b>33,750,653</b>	<b>100.0</b>	<b>10,161,168</b>	<b>23,589,485</b>	<b>33,078,380</b>	<b>100.0</b>	<b>9,294,033</b>	<b>23,784,347</b>
<b>New England:</b>								
Maine.....	215,477	0.7	74,342	171,135	224,740	0.7	50,523	165,217
New Hampshire.....	191,664	0.6	58,134	133,530	176,541	0.5	44,418	132,123
Vermont.....	96,423	0.3	28,753	67,670	85,639	0.3	23,218	62,421
Massachusetts.....	2,272,919	6.7	713,699	1,559,220	2,032,924	6.1	564,556	1,468,368
Rhode Island.....	387,429	1.1	113,264	274,165	336,452	1.0	84,667	251,785
Connecticut.....	964,354	2.9	297,859	666,495	973,620	2.9	271,253	702,367
<b>Middle Atlantic:</b>								
New York.....	6,893,774	20.2	2,500,420	4,393,345	6,200,665	19.0	2,181,868	4,118,797
New Jersey.....	2,013,656	6.0	630,761	1,382,895	2,089,945	6.3	606,384	1,483,561
Pennsylvania.....	2,830,289	8.4	776,609	2,053,680	2,485,753	7.5	596,118	1,889,636
<b>East North Central:</b>								
Ohio.....	1,578,548	4.7	443,158	1,135,390	1,479,253	4.5	390,950	1,088,303
Indiana.....	400,980	1.2	100,630	300,350	373,428	1.1	90,972	282,456
Illinois.....	2,684,567	8.0	783,277	1,901,290	2,420,917	7.3	673,029	1,747,888
Michigan.....	1,967,465	5.8	603,735	1,363,730	1,881,474	5.7	521,546	1,359,928
Wisconsin.....	1,059,349	3.1	218,234	841,115	1,001,398	2.8	169,481	740,917
<b>West North Central:</b>								
Minnesota.....	1,022,641	3.0	210,231	812,410	870,161	2.6	141,655	728,506
Iowa.....	482,637	1.4	84,582	398,055	380,593	1.2	55,422	331,171
Missouri.....	403,865	1.2	92,050	311,815	362,889	1.1	75,492	287,397
North Dakota.....	241,442	0.7	49,232	192,210	188,793	0.6	29,652	159,141
South Dakota.....	173,752	0.5	30,767	142,985	141,275	0.4	18,333	122,942
Nebraska.....	299,168	0.9	57,273	241,895	256,872	0.8	39,682	217,190
Kansas.....	217,997	0.6	38,577	179,420	202,129	0.6	31,098	171,031
<b>South Atlantic:</b>								
Delaware.....	48,304	0.1	13,844	34,460	58,146	0.2	14,307	43,839
Maryland.....	313,005	0.9	84,440	228,565	363,744	1.1	89,975	273,769
Dist. of Columbia.....	120,332	0.4	39,497	80,835	87,503	0.3	33,450	54,053
Virginia.....	128,020	0.4	35,070	92,950	171,664	0.5	44,005	127,659
West Virginia.....	110,821	0.3	34,586	76,235	90,614	0.3	23,453	67,161
North Carolina.....	46,334	0.1	16,134	30,200	64,000	0.2	20,041	44,959
South Carolina.....	24,148	0.1	7,503	16,645	36,277	0.1	10,343	25,934
Georgia.....	51,405	0.2	16,730	34,675	76,795	0.2	23,888	51,008
Florida.....	336,991	1.0	122,731	214,260	702,941	2.1	255,071	447,870
<b>East South Central:</b>								
Kentucky.....	75,973	0.2	16,068	59,905	73,559	0.2	15,726	57,833
Tennessee.....	51,210	0.2	15,065	36,145	56,940	0.2	14,702	42,238
Alabama.....	46,378	0.1	13,813	32,565	53,097	0.2	14,092	39,005
Mississippi.....	25,269	0.1	8,314	16,955	26,773	0.1	7,125	19,648
<b>West South Central:</b>								
Arkansas.....	33,479	0.1	9,289	24,190	32,883	0.1	7,017	25,866
Louisiana.....	116,124	0.3	28,884	87,240	119,387	0.4	28,668	90,719
Oklahoma.....	84,461	0.3	18,906	65,555	80,872	0.3	18,623	67,249
Texas.....	932,280	2.8	276,645	655,635	1,070,270	3.2	292,241	778,029
<b>Mountain:</b>								
Montana.....	168,184	0.5	43,119	125,065	147,490	0.4	29,905	117,585
Idaho.....	88,427	0.3	19,407	69,020	80,652	0.2	14,779	65,873
Wyoming.....	53,490	0.2	13,290	40,200	47,705	0.1	9,376	38,329
Colorado.....	244,897	0.7	58,987	185,910	254,124	0.8	56,789	197,335
New Mexico.....	60,621	0.2	17,336	43,285	77,235	0.2	20,584	56,651
Arizona.....	156,399	0.5	45,594	110,805	220,322	0.7	67,829	161,493
Utah.....	135,159	0.4	29,844	105,315	135,620	0.4	30,524	105,096
Nevada.....	34,705	0.1	10,530	24,265	48,255	0.1	12,343	35,912
<b>Pacific:</b>								
Washington.....	633,421	1.9	191,001	442,420	625,344	1.9	164,782	460,562
Oregon.....	309,042	0.9	83,612	225,430	293,581	0.9	68,009	225,572
California.....	2,982,388	8.8	985,333	1,997,055	3,725,187	11.3	1,211,713	2,513,474
Alaska.....	(1)	(1)	(1)	(1)	(1)	0.1	7,118	20,308
Hawaii.....	(1)	(1)	(1)	(1)	34,903	0.1	7,008	27,295

<sup>1</sup> Not available.

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Population: 1950*, Vol. IV, and *1960*, Vol. I.

# No. 28. NATIVITY AND PARENTAGE OF THE FOREIGN WHITE STOCK, BY COUNTRY OF ORIGIN: 1940 TO 1960

[In thousands, except percent. Beginning 1960, includes Alaska and Hawaii. Data for foreign-born white, 1940 and 1950, based on complete count; for native white of foreign or mixed parentage, 1940 based on 5-percent sample, and 1960 on 20-percent sample. Data for 1960 based on 25-percent sample. See source for sampling variability. See also *Historical Statistics, Colonial Times to 1957*, series C 185-283]

COUNTRY OF BIRTH	1940				1950				1960, TOTAL FOREIGN STOCK	
	Total foreign white stock		For- eign- born white	Native white of foreign or mixed par- ent- age	Total foreign white stock		For- eign- born white	Native white of foreign or mixed par- ent- age	Num- ber	Per- cent
	Num- ber	Per- cent			Num- ber	Per- cent				
All countries.....	34,577	100.0	11,419	23,158	33,751	100.0	10,161	23,589	34,050	100.0
England and Wales.....	2,124	6.1	657	1,467	2,028	6.0	585	1,443	2,885	8.5
Scotland.....	726	2.1	270	447	708	2.1	244	463		
Northern Ireland.....	377	1.1	106	271	45	0.1	15	30	1,773	5.2
Ireland (Eire).....	2,411	7.0	572	1,839	2,390	7.1	505	1,891	775	2.3
Norway.....	925	2.7	262	663	855	2.5	202	652	1,047	3.1
Sweden.....	1,301	3.8	445	856	1,190	3.5	325	865	399	1.2
Denmark.....	444	1.3	138	306	427	1.3	108	319	273	0.8
Netherlands.....	372	1.1	111	261	375	1.1	102	273	352	1.0
Belgium.....	130	0.4	54	76	138	0.4	53	86	(1)	(1)
Switzerland.....	294	0.9	88	206	287	0.9	72	216	263	0.8
France.....	349	1.0	103	246	362	1.1	108	254	391	1.1
Germany.....	5,237	15.1	1,238	3,999	4,727	14.0	984	3,743	4,321	12.7
Poland.....	2,906	8.4	993	1,912	2,786	8.3	801	1,925	2,780	8.2
Czechoslovakia.....	985	2.8	320	665	984	2.9	278	706	918	2.7
Austria.....	1,261	3.6	480	781	1,225	3.6	409	816	1,099	3.2
Hungary.....	662	1.9	290	372	705	2.1	268	437	702	2.1
Yugoslavia.....	383	1.1	161	222	384	1.1	144	240	449	1.3
U.S.S.R.....	2,610	7.5	1,041	1,569	2,542	7.5	895	1,647	2,290	6.7
Lithuania.....	395	1.1	166	229	398	1.2	148	250	403	1.2
Finland.....	284	0.8	117	167	268	0.8	96	172	241	0.7
Romania.....	248	0.7	116	132	215	0.6	85	130	234	0.7
Greece.....	327	0.9	163	163	304	1.1	169	195	370	1.1
Italy.....	4,595	13.3	1,624	2,971	4,571	13.5	1,427	3,143	4,544	13.3
Spain.....	109	0.3	48	62	115	0.3	46	68	(1)	(1)
Portugal.....	176	0.5	62	114	172	0.5	54	118	277	0.8
Other Europe.....	132	0.4	61	72	214	0.6	86	128	492	1.4
Asia.....	342	1.0	154	187	420	1.2	180	240	1,142	3.4
Canada-French.....	908	2.6	273	635	758	2.2	238	519	3,181	9.3
Canada-other.....	2,049	5.9	792	1,257	2,221	6.6	756	1,468	892	2.6
Mexico.....	1,077	3.1	377	699	1,343	4.0	451	892	1,736	5.1
Other America.....	133	0.6	67	66	222	0.7	120	101	581	1.7
All other and not reported.....	304	0.9	59	245	304	0.9	147	157	391	1.1

<sup>1</sup> Included in "Other Europe."

Source: Department of Commerce, Bureau of the Census, *Sixteenth Census of the U.S.: 1940, Nativity and Parentage of the White Population, U.S. Census of Population: 1950*, Vol. IV, Special Reports, Part 3A, and 1960 Vol. I.

# No. 29. NATIVE POPULATION, BORN IN STATE OF RESIDENCE AND BORN ELSEWHERE: 1900 TO 1960

[1950 based on 20-percent sample; 1960 based on 25-percent sample. See source for discussion of sampling variability. See also *Historical Statistics, Colonial Times to 1957*, series C 1-14]

YEAR	Total	Born in State of residence	BORN IN OTHER STATES		State of birth not reported	Born in outlying areas <sup>1</sup>	American citizens born abroad or at sea
			Number	Percent			
1900.....	65,653,299	51,901,722	13,501,045	20.6	180,458	2,923	67,151
1910.....	78,456,380	61,185,305	16,910,114	21.6	285,685	7,365	67,911
1920.....	91,789,928	71,071,013	20,274,450	22.1	313,582	38,020	92,863
1930.....	108,570,897	82,677,619	25,388,100	23.4	238,469	136,032	130,677
1940.....	120,074,379	92,609,754	26,905,986	22.4	279,514	156,956	122,169
1950.....	139,868,715	102,788,385	35,284,220	25.2	1,369,785	329,970	96,355
1960.....	169,587,528	119,293,444	44,691,064	26.4	4,541,130	1,081,890	

<sup>1</sup> For 1960 to 1950, includes Alaska and Hawaii.

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Population: 1960*, Vol. IV, Part 4A, 1960, Vol. I, and records.

# Nonwhite Population

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## NO. 30. SELECTED CHARACTERISTICS OF THE NONWHITE POPULATION, URBAN AND RURAL: 1950 AND 1960

[In millions, except medians. 1960 includes Alaska and Hawaii]

ITEM	1950			1960			
	Total nonwhite	Urban	Rural	Total nonwhite	Urban	Rural nonfarm	Rural farm
<b>AGE</b>							
Total, all ages	15,755	9,711	6,044	20,488	14,841	4,054	1,593
Under 5 years	1,979	1,106	874	2,956	2,122	599	235
5 to 14 years	3,028	1,552	1,476	4,730	3,221	1,030	471
15 to 24 years	2,589	1,518	1,071	2,944	2,020	652	273
25 to 34 years	2,478	1,754	724	2,661	2,094	445	122
35 to 44 years	2,202	1,541	660	2,512	1,970	401	141
45 to 54 years	1,638	1,126	512	2,009	1,510	354	145
55 to 64 years	946	608	338	1,427	1,064	265	108
65 years and over	896	507	389	1,248	850	300	90
21 years and over	9,208	6,224	2,984	10,908	8,259	1,971	678
Median age	26.1	28.7	21.3	23.5	25.3	20.0	17.4
<b>SCHOOL ENROLLMENT<sup>1</sup></b>							
Total, 5 to 34 years old	3,419	2,183	2,153	5,446	3,771	1,147	528
Kindergarten	64	68	6	223	207	15	2
Elementary school (1 to 8 years)	2,575	1,293	1,282	3,972	2,658	892	422
High school (1 to 4 years)	550	374	176	1,058	736	220	102
College	114	94	19	192	170	20	3
<b>YEARS OF SCHOOL COMPLETED</b>							
Total, 25 years old and over	3,174	2,524	2,650	9,857	7,478	1,764	614
No school years completed	535	252	283	555	315	179	62
Elementary:							
1 to 4 years	2,033	1,073	960	1,759	1,079	481	199
5 to 7 years	2,228	1,456	772	2,303	1,623	488	192
8 years	937	726	211	1,204	1,018	185	61
High school:							
1 to 3 years	1,065	877	188	1,842	1,559	226	57
4 years	660	585	75	1,356	1,194	133	29
College:							
1 to 3 years	238	204	34	431	385	36	8
4 years or more	176	151	26	347	304	37	7
Median school years completed	6.9	7.8	5.1	8.2	8.7	6.4	5.7
<b>EMPLOYMENT STATUS</b>							
Total, 14 years old and over	11,021	7,191	3,830	13,154	9,721	2,501	931
Labor force	6,145	4,205	1,940	7,399	5,775	1,182	442
Civilian labor force	6,078	4,175	1,903	7,259	5,701	1,116	442
Employed	5,602	3,775	1,827	6,629	5,188	1,019	422
Unemployed	476	400	76	630	513	97	20
Not in labor force	4,876	2,986	1,890	5,754	3,946	1,319	489
<b>MAJOR OCCUPATION GROUP</b>							
Total employed, 14 years old and over	5,607	3,782	1,826	6,629	5,188	1,019	422
Professional, technical, and kindred workers	191	151	39	352	305	40	8
Farmers and farm managers	529	10	519	193	16	43	133
Managers, officials, and proprietors, except farm	111	93	19	121	107	13	2
Clerical, sales, and kindred workers	273	256	17	530	501	25	4
Craftsmen, foremen, and kindred workers	295	248	48	425	359	57	0
Operatives and kindred workers	1,042	848	194	1,276	1,055	187	34
Private household workers	830	603	163	930	721	172	37
Service workers, exc. private household	854	772	82	1,092	976	103	13
Farm laborers, unpaid family workers, and farm foremen	537	44	493	362	50	165	146
Laborers, except farm and mine	863	639	224	801	606	169	27
Occupation not reported	82	53	29	547	491	45	10
<b>INCOME</b>							
All persons, 14 years old and over	2,10,998	2,7,164	2,3,834	13,154	9,721	2,501	931
Persons with income	6,733	4,550	2,182	9,434	7,134	1,717	583
Less than \$500	2,048	977	1,071	1,944	1,092	578	275
\$500 to \$999	1,431	910	512	1,709	1,166	402	142
\$1,000 to \$1,499	1,000	721	279	1,061	795	201	64
\$1,500 to \$1,999	781	628	153	784	615	136	33
\$2,000 to \$2,999	1,046	918	128	1,395	1,167	193	35
\$3,000 to \$4,999	383	351	32	1,776	1,594	158	24
\$5,000 and over	43	36	7	765	707	50	9
Median income	961	1,263	520	1,502	1,919	849	557
Persons without income	3,417	2,066	1,351	3,719	2,587	784	349

<sup>1</sup> For 1950, represents population 5 to 29 years old.

<sup>2</sup> Includes not reported, not shown separately.

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Population: 1960*, Vol. I.

## No. 31. MARITAL STATUS OF THE POPULATION, BY SEX, BY STATES: 1960

[In thousands of persons 14 years old and over]

STATE	MALE				FEMALE			
	Total	Single	Married	Widowed or divorced	Total	Single	Married	Widowed or divorced
<b>United States.....</b>	<b>61,362</b>	<b>15,413</b>	<b>42,417</b>	<b>3,532</b>	<b>64,914</b>	<b>12,380</b>	<b>42,749</b>	<b>9,785</b>
<b>New England.....</b>	<b>3,629</b>	<b>969</b>	<b>2,450</b>	<b>211</b>	<b>3,952</b>	<b>893</b>	<b>2,467</b>	<b>592</b>
Maine.....	334	86	225	23	349	68	225	56
New Hampshire.....	210	53	143	14	224	45	144	34
Vermont.....	132	37	88	8	141	31	88	22
Massachusetts.....	1,768	488	1,178	102	1,972	479	1,190	302
Rhode Island.....	304	84	202	18	324	73	203	48
Connecticut.....	881	221	614	46	943	197	617	129
<b>Middle Atlantic.....</b>	<b>11,930</b>	<b>3,044</b>	<b>8,235</b>	<b>651</b>	<b>13,047</b>	<b>2,755</b>	<b>8,362</b>	<b>1,931</b>
New York.....	5,889	1,537	4,036	316	6,499	1,407	4,110	982
New Jersey.....	2,125	519	1,498	109	2,278	443	1,511	325
Pennsylvania.....	3,915	988	2,701	226	4,270	905	2,741	625
<b>East North Central.....</b>	<b>12,317</b>	<b>2,942</b>	<b>8,635</b>	<b>739</b>	<b>13,011</b>	<b>2,423</b>	<b>8,684</b>	<b>1,904</b>
Ohio.....	3,267	743	2,322	202	3,499	643	2,333	523
Indiana.....	1,680	368	1,127	95	1,671	289	1,132	250
Illinois.....	3,499	862	2,421	215	3,720	705	2,440	575
Michigan.....	2,623	627	1,845	151	2,726	501	1,856	368
Wisconsin.....	1,348	353	919	76	1,395	286	922	188
<b>West North Central.....</b>	<b>5,282</b>	<b>1,316</b>	<b>3,665</b>	<b>301</b>	<b>5,545</b>	<b>1,042</b>	<b>3,678</b>	<b>825</b>
Minnesota.....	1,148	314	770	59	1,196	257	778	161
Iowa.....	942	225	664	53	999	187	686	147
Missouri.....	1,496	340	1,083	97	1,621	286	1,060	274
North Dakota.....	218	69	139	10	208	45	139	24
South Dakota.....	234	66	165	12	230	44	155	30
Nebraska.....	489	120	341	27	508	92	342	74
Kansas.....	765	175	537	43	783	130	537	116
<b>South Atlantic.....</b>	<b>8,775</b>	<b>2,294</b>	<b>6,031</b>	<b>450</b>	<b>9,270</b>	<b>1,775</b>	<b>6,106</b>	<b>1,388</b>
Delaware.....	151	36	107	8	158	30	107	21
Maryland.....	1,054	267	733	54	1,101	210	740	150
Dist. of Columbia.....	266	82	164	19	313	84	169	60
Virginia.....	1,369	379	924	65	1,394	273	926	195
West Virginia.....	627	163	428	37	668	134	435	99
North Carolina.....	1,618	422	1,036	60	1,600	353	1,054	214
South Carolina.....	769	224	506	30	811	178	517	116
Georgia.....	1,290	335	892	63	1,398	262	910	226
Florida.....	1,730	375	1,242	114	1,827	273	1,249	306
<b>East South Central.....</b>	<b>3,989</b>	<b>1,032</b>	<b>2,741</b>	<b>215</b>	<b>4,278</b>	<b>819</b>	<b>2,789</b>	<b>670</b>
Kentucky.....	1,037	273	703	60	1,074	203	708	163
Tennessee.....	1,199	299	837	64	1,300	246	860	204
Alabama.....	1,060	271	736	53	1,158	222	752	183
Mississippi.....	693	190	466	37	746	148	479	119
<b>West South Central.....</b>	<b>5,669</b>	<b>1,367</b>	<b>3,975</b>	<b>327</b>	<b>5,975</b>	<b>1,022</b>	<b>4,009</b>	<b>944</b>
Arkansas.....	606	145	423	38	643	109	429	106
Louisiana.....	1,038	268	716	54	1,127	221	734	172
Oklahoma.....	812	185	574	53	856	131	576	149
Texas.....	3,213	769	2,262	182	3,349	562	2,270	517
<b>Mountain.....</b>	<b>2,299</b>	<b>574</b>	<b>1,589</b>	<b>136</b>	<b>2,294</b>	<b>403</b>	<b>1,584</b>	<b>306</b>
Montana.....	234	63	155	16	224	38	155	31
Idaho.....	226	55	158	13	221	36	158	27
Wyoming.....	115	28	80	7	109	17	79	14
Colorado.....	595	145	414	30	617	109	416	91
New Mexico.....	305	79	211	16	301	56	210	35
Arizona.....	436	108	301	26	435	77	299	60
Utah.....	282	71	198	13	290	57	199	34
Nevada.....	105	25	71	9	97	13	70	14
<b>Pacific.....</b>	<b>7,473</b>	<b>1,874</b>	<b>5,096</b>	<b>503</b>	<b>7,542</b>	<b>1,248</b>	<b>5,069</b>	<b>1,225</b>
Washington.....	1,064	248	687	69	1,062	163	687	152
Oregon.....	617	139	435	42	635	103	436	96
California.....	5,531	1,372	3,786	373	5,652	929	3,772	952
Alaska.....	89	31	53	5	60	9	46	5
Hawaii.....	233	85	134	13	194	44	129	21

Source: Department of Commerce, Bureau of the Census; 1960 Census of Population, Series PC (1)-1B.

## No. 32. MARITAL STATUS OF THE POPULATION, BY SEX: 1890 TO 1961

[In thousands of persons 14 years old and over. Beginning 1960, includes Alaska and Hawaii. Total population, 1890 to 1940, and civilian population, 1950 to 1961. 1950-1961 based on Current Population Survey; see Technical Note, p. 213. Civilian population includes members of the Armed Forces living off post or with their families on post, but excludes all other members of the Armed Forces. Armed Forces included are as follows: 1950, 547,000; 1955, 800,000; 1960, 1,117,000; 1961, 1,055,000. See also *Historical Statistics, Colonial Times to 1957*, series A 210-227.]

DATE AND SEX	Total	Single	Married	Widowed	Divorced	PERCENT OF TOTAL							
						Crude percent				Standardized for age <sup>1</sup>			
						Single	Married	Widowed	Divorced	Single	Married	Widowed	Divorced
MALE													
June 1890.....	<sup>2</sup> 21,501	9,379	11,205	815	49	43.6	52.1	3.8	0.2	32.8	61.2	5.6	0.3
June 1900.....	<sup>2</sup> 26,414	11,090	13,956	1,178	84	42.0	52.8	4.5	0.3	33.1	59.9	6.4	0.4
April 1910.....	<sup>2</sup> 33,362	13,485	18,093	1,471	156	40.4	54.2	4.4	0.5	32.5	60.4	6.2	0.5
January 1920.....	<sup>2</sup> 37,954	13,998	21,852	1,758	235	36.9	57.6	4.6	0.6	31.8	61.3	6.1	0.7
April 1930.....	<sup>2</sup> 46,088	16,159	26,328	2,025	480	35.8	58.4	4.5	1.1	30.9	62.1	5.6	1.2
April 1940.....	50,554	17,593	30,192	2,144	624	34.8	59.7	4.2	1.2	31.1	62.8	4.8	1.3
March 1950.....	54,762	14,322	37,227	2,296	917	26.2	68.0	4.2	1.7	26.2	68.0	4.2	1.7
April 1955.....	55,994	13,522	39,125	2,357	990	24.1	69.9	4.2	1.8	25.1	69.3	3.9	1.7
March 1960.....	60,273	15,274	41,781	2,112	1,106	25.3	69.3	3.5	1.8	24.8	70.0	3.3	1.8
March 1961.....	61,238	15,886	42,143	2,056	1,153	25.9	68.8	3.4	1.9	24.8	70.1	3.1	1.9
FEMALE													
June 1890.....	<sup>2</sup> 20,208	6,028	11,126	2,155	72	34.1	54.8	10.6	0.4	24.3	59.4	15.9	0.4
June 1900.....	<sup>2</sup> 25,024	8,337	13,814	2,718	115	33.3	55.2	10.9	0.5	25.0	58.7	15.7	0.5
April 1910.....	<sup>2</sup> 30,959	9,842	17,088	3,176	185	31.8	57.1	10.3	0.6	24.5	60.1	14.7	0.6
January 1920.....	<sup>2</sup> 36,190	10,624	21,324	3,918	273	29.4	58.9	10.8	0.8	24.1	60.4	14.6	0.8
April 1930.....	<sup>2</sup> 44,013	12,478	26,175	4,734	573	28.4	59.5	10.8	1.3	23.7	61.2	13.7	1.3
April 1940.....	50,549	13,936	30,090	5,700	823	27.6	59.5	11.3	1.6	24.3	61.0	12.9	1.7
March 1950.....	56,970	11,139	37,633	6,967	1,231	19.0	66.1	12.2	2.2	19.6	66.1	12.2	2.2
April 1955.....	60,250	10,902	40,327	7,695	1,366	18.2	66.9	12.6	2.3	18.6	67.4	11.8	2.3
March 1960.....	64,607	12,252	42,583	8,064	1,708	19.0	65.9	12.5	2.6	18.4	67.8	11.1	2.7
March 1961.....	65,847	12,764	43,010	8,217	1,856	19.4	65.3	12.5	2.8	18.3	67.7	11.1	2.9

<sup>1</sup> 1950 age distribution used as standard. Figures show percent distribution with effects of changes in age distribution removed.

<sup>2</sup> Includes marital status not reported.

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Population: 1950*, Vol. II, Part 1, and *Current Population Reports*, Series P-20.

## No. 33. MARITAL STATUS OF THE CIVILIAN POPULATION, BY AGE AND SEX: 1961

[In thousands of persons 14 years old and over. As of March. Includes Alaska and Hawaii. Figures based on Current Population Survey; see Technical Note, p. 213]

AGE AND SEX	Total	Single	Married	Widowed	Divorced	PERCENT DISTRIBUTION				
						Total	Single	Married	Widowed	Divorced
Male										
14 to 19 years	61,238	15,886	42,143	2,056	1,153	100.0	25.9	68.8	3.4	1.9
20 to 24 years	8,371	8,170	196		5	100.0	97.6	2.3		0.1
25 to 29 years	5,084	2,801	2,243	8	32	100.0	55.1	44.1	0.2	0.6
30 to 34 years	5,304	1,182	4,032	6	84	100.0	22.3	76.0	0.1	1.6
35 to 39 years	5,769	790	4,857	11	111	100.0	13.7	84.2	0.2	1.9
40 to 44 years	11,707	1,164	10,174	62	307	100.0	9.9	86.9	0.5	2.6
45 to 49 years	10,276	846	8,953	174	303	100.0	8.2	87.1	1.7	2.9
50 to 54 years	7,582	507	6,520	340	215	100.0	6.7	86.0	4.5	2.8
55 to 59 years	4,755	292	3,788	613	62	100.0	6.1	79.7	12.9	1.3
60 to 64 years	2,390	134	1,380	842	34	100.0	5.6	57.7	35.2	1.4
Female										
14 to 19 years	65,847	12,764	43,010	8,217	1,856	100.0	19.4	65.3	12.5	2.8
20 to 24 years	8,453	7,476	939	5	33	100.0	88.4	11.1	0.1	0.4
25 to 29 years	5,720	1,662	3,925	20	113	100.0	29.1	68.6	0.3	2.0
30 to 34 years	5,498	588	4,743	17	150	100.0	10.7	86.3	0.3	2.7
35 to 39 years	5,983	411	5,202	75	205	100.0	6.9	88.5	1.3	3.4
40 to 44 years	12,349	688	10,778	307	516	100.0	5.6	87.3	3.0	4.2
45 to 49 years	10,809	718	8,583	1,057	451	100.0	6.6	79.4	9.8	4.2
50 to 54 years	8,224	563	5,454	1,065	242	100.0	6.8	66.3	23.9	2.9
55 to 59 years	5,580	409	2,601	2,471	99	100.0	7.3	46.6	44.3	1.8
60 to 64 years	3,231	249	695	2,240	47	100.0	7.7	21.5	69.3	1.5

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 114.

No. 34. MOBILITY STATUS OF THE CIVILIAN POPULATION, BY SEX, 1960 AND 1961,  
AND BY SELECTED SOCIAL AND ECONOMIC CHARACTERISTICS, 1961

[In thousands. Includes Alaska and Hawaii. Figures based on Current Population Survey; see Technical Note, p. 213. See also *Historical Statistics, Colonial Times to 1957*, series C 80-87]

MOBILITY PERIOD AND CHARACTERISTIC	Total civilian popu- lation	Same house (non- movers)	DIFFERENT HOUSE IN THE UNITED STATES (movers)					Abroad at begin- ning of period
			Total	Same county	Different county (migrants)			
					Total	Within a State	Between States	
MARCH 1959 TO MARCH 1960								
Total, 1 year old and over, March 1960.....	174,451	139,766	33,811	22,564	11,247	5,724	5,523	874
Male.....	85,586	68,207	16,825	11,130	5,695	2,911	2,784	554
Female.....	88,865	71,559	16,986	11,434	5,552	2,813	2,739	320
Percent.....	100.0	80.1	19.4	12.9	6.4	3.3	3.2	0.5
Male.....	100.0	79.7	19.7	13.0	6.7	3.4	3.3	0.6
Female.....	100.0	80.5	19.1	12.9	6.2	3.2	3.1	0.4
MARCH 1960 TO MARCH 1961								
Total, 1 year old and over, March 1961.....	177,354	140,821	35,535	24,289	11,246	5,493	5,753	998
Sex								
Male.....	86,881	68,725	17,569	11,855	5,714	2,754	2,960	587
Female.....	90,473	72,096	17,966	12,434	5,532	2,739	2,793	411
Percent.....	100.0	79.4	20.0	13.7	6.3	3.1	3.2	0.6
Male.....	100.0	79.1	20.2	13.6	6.6	3.2	3.4	0.7
Female.....	100.0	79.7	19.9	13.7	6.1	3.0	3.1	0.5
Age								
Male.....	86,881	68,725	17,569	11,855	5,714	2,754	2,960	587
1 to 4 years.....	8,314	5,847	2,413	1,633	780	375	405	54
5 to 13 years.....	17,339	14,120	3,149	2,204	945	441	504	70
14 to 17 years.....	5,980	5,024	952	705	247	125	122	13
18 and 19 years.....	2,382	1,910	466	299	167	78	89	6
20 to 24 years.....	5,086	2,811	2,131	1,262	869	379	490	144
25 to 29 years.....	5,304	3,157	2,030	1,299	731	358	373	117
30 to 34 years.....	5,769	4,234	1,499	1,018	481	221	260	36
35 to 44 years.....	11,709	9,527	2,089	1,405	684	331	353	93
45 to 64 years.....	17,844	15,638	2,158	1,539	619	342	277	48
65 years and over.....	7,145	6,457	682	491	191	104	87	6
Median age..... years.....	29.1	31.8	24.3	24.4	24.2	24.7	23.7	25.3
Female.....	90,473	72,096	17,966	12,434	5,532	2,739	2,793	411
1 to 4 years.....	8,012	5,586	2,366	1,608	758	363	395	60
5 to 13 years.....	16,014	13,512	3,033	2,186	847	435	412	69
14 to 17 years.....	5,820	4,786	1,016	712	304	141	163	18
18 and 19 years.....	2,634	1,698	919	576	343	195	148	17
20 to 24 years.....	5,719	3,060	2,578	1,715	863	390	473	81
25 to 29 years.....	5,499	3,757	1,690	1,129	561	277	284	52
30 to 34 years.....	5,985	4,675	1,279	864	415	228	187	31
35 to 44 years.....	12,350	10,314	1,984	1,439	545	235	310	52
45 to 64 years.....	19,030	16,741	2,258	1,607	651	342	309	31
65 years and over.....	8,810	7,967	843	598	245	133	112	-----
Median age..... years.....	30.8	33.9	23.2	23.3	22.9	23.0	22.8	22.3
Color (percent)								
White.....	100.0	79.7	19.7	13.1	6.6	3.2	3.4	0.6
Nonwhite.....	100.0	78.9	22.7	18.4	4.3	2.0	2.3	0.5
Employment Status								
Male, 14 years old and over.....	61,228	48,758	12,007	8,018	3,989	1,938	2,051	463
In labor force.....	47,859	37,566	9,876	6,621	3,255	1,550	1,705	417
Armed Forces <sup>1</sup> .....	1,053	449	486	230	256	51	205	123
Employed.....	43,094	34,518	8,328	5,712	2,616	1,344	1,272	248
Unemployed.....	3,707	2,599	1,062	679	383	155	228	46
Not in labor force.....	13,369	11,192	2,131	1,397	734	388	346	46

<sup>1</sup> Members of Armed Forces living off post or with their families on post.

Sources: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20.



# Mobility Status

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**No. 35. MOBILITY STATUS OF THE POPULATION, BY STATES: 1950 AND 1960**  
 (1949-1950 based on 20-percent sample; 1955-1960, on 25-percent sample. See source for sampling variability)

STATE	RESIDENCE IN 1949 <sup>1</sup>					RESIDENCE IN 1955				
	Total population, 1 year old and over	Same house as in 1950	Different house, same county	Different county or abroad	Residence not reported	Total population, 1 year old and over	Same house as in 1960	Different house, same county	Different county or abroad	Residence not reported <sup>2</sup>
<b>U.S.</b> .....	147,162,995	119,190,100	16,476,275	9,074,960	2,421,660	159,003,807	79,331,022	47,461,137	29,727,478	2,484,170
<b>N.E.:</b>										
Maine.....	889,455	763,680	81,565	36,000	8,210	860,560	483,563	238,829	128,685	9,483
N.H.....	519,155	444,465	44,300	25,720	4,670	540,796	295,238	142,291	94,004	9,263
Vt.....	367,385	307,165	36,815	20,130	3,275	346,011	190,841	95,989	58,535	2,646
Mass.....	4,589,565	4,029,310	329,220	165,100	65,935	4,600,814	2,603,136	1,292,992	623,293	81,393
R.I.....	773,650	659,060	56,610	32,320	24,760	769,730	430,585	215,215	107,326	16,604
Conn.....	1,960,580	1,711,410	153,200	67,100	28,870	2,257,004	1,213,363	683,398	321,797	38,446
<b>M.A.:</b>										
N.Y.....	14,531,260	12,701,200	899,655	579,415	350,030	15,092,390	8,552,551	3,853,736	2,394,891	291,631
N.J.....	4,732,425	4,117,780	325,215	225,340	64,090	5,425,151	2,978,385	1,345,862	1,012,033	88,841
Pa.....	10,272,065	9,008,420	795,065	312,460	156,120	10,132,314	6,106,566	2,831,216	1,065,327	129,215
<b>E.N.C.:</b>										
Ohio.....	7,741,200	6,441,800	848,825	342,830	107,685	8,567,666	4,271,412	2,922,368	1,263,504	110,292
Ind.....	3,833,780	3,142,520	431,585	220,560	39,115	4,119,602	2,134,208	1,260,967	661,427	62,000
Ill.....	8,513,800	7,130,945	858,710	384,065	140,080	8,951,484	4,418,555	3,068,662	1,245,093	218,176
Mich.....	6,204,125	5,139,680	671,500	302,625	90,420	6,855,379	3,683,409	2,078,127	1,004,922	88,921
Wis.....	3,346,430	2,833,525	327,885	156,120	28,900	3,482,844	1,929,044	1,002,764	512,503	38,533
<b>W.N.C.:</b>										
Minn.....	2,904,505	2,432,510	271,345	165,425	35,225	2,997,845	1,650,516	789,300	358,726	29,303
Iowa.....	2,572,965	2,111,610	257,750	156,760	46,845	2,450,313	1,353,557	672,926	399,640	24,190
Mo.....	3,867,885	3,123,310	420,395	252,635	71,545	3,854,806	1,853,078	1,158,609	768,222	74,897
N.Dak.....	602,920	509,040	49,665	38,850	5,365	562,787	318,561	131,284	99,676	3,356
S.Dak.....	633,975	521,280	58,200	48,305	6,190	597,353	328,817	144,406	120,617	3,544
Nebr.....	1,291,920	1,048,090	132,285	91,760	19,785	1,251,113	662,202	333,233	243,415	12,263
Kans.....	1,860,005	1,467,460	204,620	157,255	30,670	1,932,501	953,244	517,120	436,845	25,292
<b>S.A.:</b>										
Del.....	309,560	261,865	29,750	12,845	5,100	390,881	194,018	118,841	69,638	8,384
M.D.....	2,284,780	1,861,375	210,020	162,415	50,970	2,734,170	1,365,333	711,154	602,796	54,887
D.C.....	786,145	603,055	101,670	56,900	24,520	685,836	260,200	255,515	120,145	31,076
Va.....	3,261,850	2,588,050	313,960	259,355	100,485	3,497,544	1,680,855	852,545	914,392	49,752
W.Va.....	1,955,185	1,621,915	213,980	98,290	21,000	1,664,130	807,571	500,791	208,173	17,595
N.C.....	3,958,510	3,151,175	527,525	232,819	47,000	4,029,640	2,467,898	1,304,299	629,020	48,423
S.C.....	2,061,565	1,646,200	281,145	108,160	26,060	2,082,704	1,060,843	682,335	321,911	22,615
Ga.....	3,354,110	2,519,630	513,160	272,195	49,125	3,471,082	1,614,749	1,126,360	693,217	36,747
Fla.....	2,706,570	1,927,355	425,275	209,695	54,245	4,411,452	1,605,920	1,165,970	1,538,226	101,330
<b>E.S.C.:</b>										
Ky.....	2,871,795	2,311,945	363,015	162,505	34,330	2,695,674	1,359,129	908,826	396,577	31,142
Tenn.....	3,212,420	2,478,885	481,230	207,120	45,185	3,173,418	1,672,516	1,096,965	463,762	40,175
Ala.....	3,002,480	2,317,565	460,750	169,570	54,595	2,876,347	1,437,798	981,057	436,719	20,773
Miss.....	2,122,435	1,650,580	296,015	148,280	27,560	1,899,730	984,736	587,949	314,865	12,180
<b>W.S.C.:</b>										
Ark.....	1,863,360	1,398,175	292,195	154,720	18,270	1,591,854	769,773	506,222	296,541	9,318
La.....	2,625,085	2,114,080	308,100	148,865	54,640	2,834,292	1,423,140	871,094	466,662	37,033
Okl.....	2,183,055	1,603,690	332,490	219,815	27,060	2,085,604	965,682	620,689	462,484	36,740
Tex.....	7,512,820	5,531,660	1,117,105	763,065	100,990	8,419,304	3,761,151	2,662,218	1,860,053	135,882
<b>Mt.:</b>										
Mont.....	574,280	441,300	68,025	56,130	8,825	591,730	281,722	163,726	142,348	3,934
Idaho.....	573,045	425,975	77,270	63,410	6,390	585,073	269,734	159,535	152,112	3,692
Wyo.....	282,315	201,100	39,690	37,645	3,880	289,450	120,835	81,916	84,324	2,375
Colo.....	1,290,475	951,325	170,280	149,720	19,150	1,544,850	623,560	396,070	501,385	23,835
N.Mex.....	660,340	479,130	87,385	82,865	10,960	814,851	338,651	210,746	256,724	8,730
Ariz.....	728,525	507,435	125,500	85,075	10,515	1,135,215	389,669	321,997	398,022	25,537
Utah.....	668,005	532,410	80,150	50,415	5,030	764,434	372,488	223,638	161,526	6,783
Nev.....	156,055	107,735	22,610	22,885	2,825	252,218	80,493	70,579	96,266	4,880
<b>Pac.:</b>										
Wash.....	2,320,935	1,713,855	348,965	211,890	46,225	2,537,606	1,140,014	758,004	612,746	26,842
Oreg.....	1,484,225	1,076,775	221,795	164,135	21,520	1,583,272	702,348	468,508	406,662	15,094
Calif.....	10,344,020	7,520,580	1,712,810	893,510	217,120	13,974,308	5,215,841	4,067,813	790,639	300,015
Alaska.....	(3)	(3)	(3)	(3)	(3)	101,955	43,543	40,412	102,718	5,287
Hawaii.....	(3)	(3)	(3)	(3)	(3)	551,781	240,895	175,971	120,451	5,464

<sup>1</sup> Excludes Alaska and Hawaii.

<sup>2</sup> In 1960, comprises persons who moved but for whom place of residence in 1955 was not reported.

<sup>3</sup> Not available.

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Population: 1960*, Vol. II, Part 1, and 1960, Vol. I.

## No. 36. NET MIGRATION, BY COLOR, FOR STATES: 1940 TO 1950 AND 1950 TO 1960

[In thousands. Net migration comprises both net immigration from abroad and net interregional, interdivisional, and interstate migration according to the area shown. Includes movements of persons in the Armed Forces]

REGION, DIVISION, AND STATE	WHITE				NONWHITE			
	1940 to 1950		1950 to 1960		1940 to 1950		1950 to 1960	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
United States.....	<sup>1</sup> +1,522	<sup>1</sup> +1.3	+2,685	+2.0	<sup>1</sup> -160	<sup>1</sup> -1.2	-25	-0.2
Regions:								
Northeast.....	-173	-0.5	-206	-0.6	+483	+34.3	+541	+26.0
North Central.....	-948	-2.5	-679	-1.6	+632	+42.0	+558	+23.8
South.....	-538	-1.7	+52	+0.1	-1,597	-16.0	-1,457	-14.1
West.....	<sup>1</sup> +3,181	<sup>1</sup> +23.8	+3,518	+18.7	<sup>1</sup> +323	<sup>1</sup> +60.5	+332	+23.6
New England.....	+68	+0.8	-47	-0.5	+32	+29.9	+70	+45.6
Maine.....	-27	-3.2	-68	-7.5	(2)	+1.8	+2	+67.7
New Hampshire.....	-1	-0.1	+11	+2.1	(2)	+67.9	+1	+137.0
Vermont.....	-20	-5.4	-38	-10.1	(2)	+30.8	(2)	+20.0
Massachusetts.....	+8	+0.2	-119	-2.6	+14	+24.0	+25	+32.1
Rhode Island.....	+9	+1.3	-28	-3.6	+2	+16.0	+2	+13.7
Connecticut.....	+98	+5.8	+195	+10.0	+16	+46.5	+39	+71.1
Middle Atlantic.....	-242	-0.9	-159	-0.6	+451	+34.6	+472	+24.5
New York.....	-6	-0.1	-72	-0.5	+270	+46.0	+282	+29.5
New Jersey.....	+231	+5.9	+465	+10.3	+64	+27.8	+112	+34.6
Pennsylvania.....	-467	-4.9	-553	-5.6	+111	+23.5	+77	+12.0
East North Central.....	+75	+0.3	+178	+0.6	+594	+54.1	+521	+28.1
Ohio.....	+110	+1.7	+276	+3.7	+135	+39.7	+133	+25.6
Indiana.....	+57	+1.7	+19	+0.5	+40	+32.0	+45	+25.4
Illinois.....	-142	-1.9	-64	-0.8	+217	+55.2	+180	+28.3
Michigan.....	+146	+2.0	+30	+0.5	+189	+87.4	+127	+27.0
Wisconsin.....	-96	-3.1	-82	-2.4	+12	+47.5	+29	+68.4
West North Central.....	-1,023	-7.8	-857	-6.3	+38	+9.4	+37	+7.6
Minnesota.....	-175	-6.3	-101	-3.4	+2	+8.5	+4	+13.8
Iowa.....	-198	-7.9	-236	-9.1	+3	+14.3	+3	+12.3
Missouri.....	-222	-6.3	-158	-4.3	+32	+13.1	+28	+9.3
North Dakota.....	-119	-18.8	-103	-10.9	-2	-16.5	-2	-18.3
South Dakota.....	-74	-11.9	-90	-14.3	-5	-21.2	-5	-19.4
Nebraska.....	-139	-10.7	-121	-9.3	+4	+19.9	+4	+17.5
Kansas.....	-96	-5.5	-49	-2.7	+5	+7.1	+5	+6.5
South Atlantic.....	+604	+4.6	+1,189	+7.4	-531	-11.2	-542	-10.5
Delaware.....	+17	+7.2	+58	+21.0	+4	+12.1	+6	+14.6
Maryland.....	+231	+15.2	+284	+14.5	+39	+12.8	+36	+9.3
District of Columbia.....	-14	-3.0	-213	-41.1	+63	+33.6	+54	+19.2
Virginia.....	+194	+9.6	+84	+3.3	-26	-3.9	-70	-9.5
West Virginia.....	-219	-12.3	-406	-21.5	-16	-13.5	-40	-35.0
North Carolina.....	-95	-3.7	-121	-4.0	-162	-16.2	-207	-19.2
South Carolina.....	-24	-2.2	-4	-0.3	-207	-25.3	-218	-26.5
Georgia.....	-49	-2.4	-9	-0.4	-240	-22.2	-204	-19.2
Florida.....	+564	+40.8	+1,516	+79.0	+14	+2.7	+101	+16.6
East South Central.....	-694	-8.7	-845	-9.6	-591	-21.2	-620	-22.9
Kentucky.....	-349	-13.3	-374	-13.7	-17	-7.9	-15	-7.6
Tennessee.....	-97	-4.0	-216	-7.8	-47	-9.2	-57	-10.7
Alabama.....	-140	-7.6	-144	-6.9	-202	-20.5	-224	-22.8
Mississippi.....	-108	-0.7	-110	-0.3	-326	-30.2	-323	-32.7
West South Central.....	-448	-4.2	-292	-2.4	-475	-19.1	-295	-11.8
Arkansas.....	-259	-17.6	-283	-19.1	-157	-32.4	-150	-35.0
Louisiana.....	-2	-0.2	+42	+2.4	-145	-17.0	-92	-10.4
Oklahoma.....	-361	-17.1	-192	-0.5	-73	-31.5	-26	-13.0
Texas.....	+173	+3.2	+141	+2.1	-101	-10.9	-27	-2.7
Mountain.....	+155	+3.9	+549	+11.3	+13	+7.7	+8	+3.6
Montana.....	-36	-6.7	-23	-4.0	-4	-22.4	-2	-11.4
Idaho.....	-28	-5.3	-41	-7.0	+1	+11.5	+1	+7.1
Wyoming.....	-2	-0.9	-19	-6.5	+1	+26.6	-1	-18.4
Colorado.....	+32	+2.0	+149	+11.5	+0	+52.2	+15	+52.9
New Mexico.....	+17	+3.4	+54	+8.5	-1	-1.5	-1	-2.9
Arizona.....	+135	+31.6	+340	+51.9	+2	+2.5	-10	-10.3
Utah.....	+6	+1.0	+9	+1.4	+3	+38.6	+1	+8.0
Nevada.....	+31	+20.8	+80	+53.2	+3	+45.6	+6	+63.0
Pacific.....	<sup>1</sup> +3,026	<sup>1</sup> +32.3	+2,970	+21.3	<sup>1</sup> +310	<sup>1</sup> +85.4	+324	+27.4
Washington.....	+375	+22.1	+70	+3.0	+17	+44.5	+18	+28.6
Oregon.....	+278	+25.8	+10	+0.7	+8	+55.3	+6	+22.7
California.....	+2,373	+36.0	+2,791	+28.2	+285	+91.7	+354	+52.7
Alaska.....	(2)	(2)	+42	+45.5	(2)	(2)	-1	-3.0
Hawaii.....	(2)	(2)	+55	+48.0	(2)	(2)	-52	-13.6

<sup>1</sup> Excludes Alaska and Hawaii. <sup>2</sup> Less than 500. <sup>3</sup> Not available.Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-25, No. 247.

# No. 37. HOUSEHOLDS, BY RACE OF HEAD, AND POPULATION PER HOUSEHOLD: 1890 TO 1960

[In thousands. Beginning 1960, includes Alaska and Hawaii. For definition of household, see p. 2. See also *Historical Statistics, Colonial Times to 1967*, series A 242 and A 255-263]

DATE	HOUSEHOLDS				RACE OF HEAD			
	Number	Annual increase over preceding date		Population per household <sup>2</sup>	White	Negro	Other	Percent white
		Number	Percent <sup>1</sup>					
1890 (June 1) <sup>3</sup> .....	12,690	-----	-----	4.93	11,255	1,411	24	88.7
1900 (June 1).....	15,964	327	2.32	4.76	14,064	1,834	66	88.1
1910 (Apr. 15) <sup>3</sup> .....	20,256	434	2.44	4.54	18,002	2,173	81	88.9
1920 (Jan. 1) <sup>3</sup> .....	24,352	418	1.90	4.34	21,826	2,481	95	89.6
1930 (Apr. 1).....	29,905	542	2.02	4.11	26,083	2,804	118	90.2
1940 (Apr. 1).....	34,949	504	1.56	3.77	31,680	3,142	127	90.6
1950 (Apr. 1).....	42,857	791	2.06	3.53	39,044	3,633	149	91.2
1960 (Apr. 1).....	53,021	1,016	1.92	3.38	47,868	5,153	-----	90.3

<sup>1</sup> Computed by compound interest formula.

<sup>2</sup> Obtained by dividing total population by number of households; hence, not strictly average size of household because total population includes members of quasi-households.

<sup>3</sup> Includes small number of hotels, institutions, and other quasi-households. <sup>4</sup> Estimated.

Source: Department of Commerce, Bureau of the Census; Reports of the Thirteenth, Fifteenth, Sixteenth, Seventeenth, and Eighteenth Censuses, and records.

## No. 38. HOUSEHOLDS, FAMILIES, SUBFAMILIES, MARRIED COUPLES, AND UNRELATED INDIVIDUALS: 1947 TO 1961

[In thousands. As of April, except as noted. Beginning 1960, includes Alaska and Hawaii. Percent not shown where base is less than 200,000. Minus sign (-) denotes decrease. For definitions of type of unit, see pp. 2, 3. See also *Historical Statistics, Colonial Times to 1967*, series A 242-247]

TYPE OF UNIT	1950 DEFINITION						1960 DEFINITION			
	1947	1950 <sup>1</sup>	1955	1956	1957 <sup>1</sup>	1958 <sup>1</sup>	1959 <sup>1</sup>	1960 <sup>1</sup>	1961 <sup>1</sup>	Percent increase, 1950 to 1961
<b>Households</b> .....	39,107	43,554	47,788	48,785	49,543	50,402	51,302	52,610	53,291	22.4
Nonfarm.....	32,873	37,279	42,243	43,136	44,322	45,224	45,909	48,534	49,554	32.9
Farm.....	6,434	6,275	5,545	5,649	5,218	5,178	5,393	4,076	3,737	-40.4
Primary families.....	34,964	38,838	41,713	42,548	43,210	43,445	43,941	44,856	45,278	16.6
Primary individuals.....	4,143	4,716	6,075	6,237	6,333	6,957	7,361	7,754	8,013	69.9
<b>Families</b> .....	35,794	39,303	41,934	42,843	43,445	43,714	44,202	45,062	45,435	15.6
Husband-wife.....	31,211	34,440	36,395	37,200	37,849	38,112	38,585	39,335	39,624	15.1
Other male head.....	1,186	1,184	1,314	1,404	1,230	1,292	1,285	1,233	1,202	1.5
Female head.....	3,397	3,679	4,225	4,239	4,366	4,310	4,332	4,494	4,609	26.3
Primary families.....	34,964	38,838	41,713	42,548	43,210	43,445	43,941	44,856	45,278	16.6
Husband-wife.....	30,612	34,075	36,266	37,043	37,711	37,907	38,420	39,260	39,565	16.1
Other male head.....	1,129	1,160	1,303	1,373	1,208	1,246	1,262	1,187	1,179	0.9
Female head.....	3,223	3,694	4,144	4,182	4,291	4,232	4,269	4,409	4,554	26.2
Secondary families.....	830	465	221	295	289	261	206	167	167	-66.2
Husband-wife.....	699	305	129	157	138	145	165	75	59	-83.8
Other male head.....	57	16	11	31	22	46	33	46	23	-----
Female head.....	174	86	81	107	75	78	63	85	75	-----
<b>Subfamilies</b> .....	3,123	2,402	1,969	1,823	1,802	1,733	1,631	1,511	1,531	-36.3
Husband-wife.....	2,332	1,651	1,175	1,105	1,091	1,070	944	870	900	-46.5
Other male head.....	83	113	68	116	95	74	102	113	78	-----
Female head.....	708	638	726	601	616	589	585	528	563	-13.3
<b>Married couples</b> .....	33,543	36,091	37,570	38,306	38,940	39,182	39,529	40,205	40,524	12.3
With own household.....	30,612	34,075	36,266	37,043	37,711	37,907	38,420	39,260	39,565	16.1
Without own household.....	2,931	2,016	1,304	1,263	1,229	1,215	1,109	945	959	-52.4
<b>Unrelated individuals</b> .....	8,491	9,136	9,790	9,897	9,780	10,447	10,930	10,917	11,066	21.1
Primary individuals.....	4,143	4,716	6,075	6,237	6,333	6,957	7,361	7,754	8,013	69.9
Male.....	1,388	1,668	2,019	2,004	1,984	2,274	2,380	2,624	2,725	63.4
Female.....	2,755	3,048	4,056	4,233	4,349	4,683	4,975	5,130	5,288	73.5
Secondary individuals.....	4,348	4,420	3,715	3,660	3,447	3,490	3,569	3,163	3,053	-30.9
Male.....	2,464	2,541	2,098	2,138	2,018	1,957	2,050	1,715	1,547	-39.1
Female.....	1,884	1,879	1,617	1,522	1,429	1,533	1,519	1,448	1,506	-19.9

<sup>1</sup> As of March.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 109.

# **No. 39. PERCENT DISTRIBUTION OF FAMILIES BY NUMBER OF OWN CHILDREN UNDER 18 YEARS OLD, BY RESIDENCE: 1950 TO 1961**

[Beginning 1960, includes Alaska and Hawaii. See headnote, table 41]

RESIDENCE AND NUMBER OF CHILDREN UNDER 18 YEARS OLD	March 1950	April 1952	April 1953	April 1954	April 1955	March 1956	March 1957	March 1958	March 1959	March 1960	March 1961
Families.....1,000...	39,303	40,578	40,832	41,202	41,934	42,843	43,445	43,714	44,202	45,062	45,435
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
No children.....	48.3	47.4	46.9	45.4	44.7	44.6	44.2	43.8	43.3	43.0	43.1
1 child.....	21.1	20.2	20.2	19.9	19.1	18.8	18.5	18.0	18.4	18.5	18.4
2 children.....	16.5	17.0	17.0	17.9	18.7	18.5	18.2	18.0	18.3	18.0	17.7
3 children.....	7.8	8.5	9.1	9.4	9.9	9.8	10.4	10.4	10.5	11.1	11.0
4 or more.....	6.3	6.9	6.8	7.4	7.6	8.3	8.7	9.1	9.5	9.4	9.8
Nonfarm families.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
No children.....	49.0	48.1	47.2	45.8	44.8	44.5	44.2	43.8	43.1	42.9	43.0
1 child.....	21.7	20.9	21.0	20.2	19.6	19.3	18.8	18.9	18.8	18.7	18.6
2 children.....	16.8	17.3	17.1	18.2	19.0	19.0	18.7	18.4	18.8	18.4	18.0
3 children.....	7.3	8.2	8.9	9.3	9.8	9.7	10.4	10.4	10.5	11.0	11.0
4 or more.....	5.2	5.6	5.7	6.5	6.8	7.5	8.0	8.4	8.8	9.0	9.4
Farm families.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
No children.....	44.4	43.3	44.6	42.0	44.2	45.4	44.3	44.2	44.7	45.2	45.0
1 child.....	17.7	16.1	14.8	17.6	15.1	15.0	16.2	15.8	15.6	15.9	15.1
2 children.....	14.9	15.4	16.5	15.9	16.6	15.3	14.2	14.9	14.3	13.0	14.5
3 children.....	10.2	10.4	10.5	10.5	10.8	10.3	10.9	10.7	10.5	11.4	10.7
4 or more.....	12.8	14.8	13.7	13.4	13.3	14.0	14.4	14.4	14.9	14.4	14.6

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20.

# **No. 40. HOUSEHOLDS, FAMILIES, AND MARRIED COUPLES: 1959 AND PROJECTIONS TO 1980**

[In thousands. Excludes Alaska and Hawaii. Based on 1950 Definition of Household; see text, p. 3. Population base from *Current Population Reports*, Series P-25, No. 187. (See also table 3.) Series A and B based on population projection Series II, and Series C and D on population projection Series III. Series A, B, and C assume, in varying degree, increases in the proportion married in each age group; Series D assumes no change. The general method of projection in each series, given the initial projection of marital status for that series, was as follows: A—average annual change from 1950 to 1956-58 in the proportion of persons in each age group who were household heads of a given type was assumed to continue to 1965; one-half assumed for 1965 to 1975; one-quarter assumed for 1975 to 1980. B—one-half the average annual change from 1950 to 1956-58 was assumed for the period 1957 to 1965; one-quarter assumed for 1965 to 1975; it was assumed that no change would occur thereafter. C—one-quarter the average annual change from 1950 to 1956-58 was assumed for the period 1957 to 1965; it was assumed that no change would occur thereafter. D—1956-58 proportion of persons in each age group who were heads of households of a given type was assumed to continue to 1980]

DATE AND SERIES	HOUSEHOLDS							Families	Mar- ried couples
	Total	Primary families			Primary individuals		Average size		
		Hus- band- wife	Other male head	Female head	Male	Female			
March 1959.....	51,302	38,420	1,262	4,269	2,386	4,975	3.35	44,202	39,529
July 1965:									
Series A.....	57,517	42,531	1,248	4,860	2,465	6,404	3.32	48,746	42,989
Series B.....	56,076	41,793	1,278	4,874	2,519	5,812	3.40	48,133	42,096
Series C.....	55,311	41,477	1,276	4,831	2,235	5,493	3.41	47,820	42,030
Series D.....	54,565	40,858	1,346	4,893	2,227	5,241	3.45	47,379	42,260
July 1970:									
Series A.....	62,933	46,268	1,270	5,210	2,693	7,492	3.32	52,839	46,729
Series B.....	61,094	45,422	1,314	5,235	2,491	6,632	3.41	52,149	46,295
Series C.....	59,689	44,801	1,317	5,174	2,340	6,057	3.40	51,559	46,132
Series D.....	58,814	43,949	1,413	5,289	2,362	5,801	3.45	50,973	45,559
July 1975:									
Series A.....	69,318	50,732	1,337	5,600	3,011	8,638	3.32	57,774	51,239
Series B.....	67,003	49,748	1,392	5,642	2,742	7,479	3.43	56,963	50,610
Series C.....	64,906	48,853	1,400	5,543	2,509	6,601	3.39	56,092	50,359
Series D.....	63,900	47,748	1,519	5,713	2,564	6,356	3.44	55,337	49,603
July 1980:									
Series A.....	76,006	55,661	1,445	5,990	3,338	9,572	3.35	63,209	56,216
Series B.....	73,085	54,460	1,512	6,043	2,981	8,080	3.48	62,212	55,410
Series C.....	70,544	53,182	1,636	5,938	2,749	7,139	3.39	60,080	54,835
Series D.....	69,382	51,815	1,678	6,151	2,834	6,904	3.45	60,032	53,800

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, Nos. 90 and 91, and records.

## No. 41. FAMILIES, BY CHARACTERISTICS: 1961

[In thousands. As of March. Includes Alaska and Hawaii. Statistics based on Current Population Survey; see Technical Note, p. 213. For definition of families, see p. 3]

CHARACTERISTIC	ALL FAMILIES		MALE HEAD				FEMALE HEAD	
			Married, wife present		Other marital status			
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
All families.....	45,435	100.0	39,624	100.0	1,202	100.0	4,609	100.0
COLOR								
White.....	41,104	90.5	36,400	91.9	1,031	85.8	3,673	79.7
Nonwhite.....	4,331	9.5	3,224	8.1	171	14.2	936	20.3
RESIDENCE								
Urban.....	41,945	92.3	30,505	92.1	1,056	87.9	4,384	95.1
Rural nonfarm.....								
Rural farm.....	3,490	7.7	3,119	7.9	146	12.1	225	4.9
SIZE OF FAMILY								
2 persons.....	14,860	32.7	11,979	30.2	719	59.8	2,162	46.9
3 persons.....	9,505	20.9	8,171	20.6	229	19.1	1,105	24.0
4 persons.....	9,288	20.4	8,551	21.6	127	10.6	610	13.2
5 persons.....	5,922	13.0	5,514	13.9	71	5.9	337	7.3
6 persons.....	3,005	6.6	2,805	7.1	31	2.6	169	3.7
7 or more.....	2,855	6.3	2,604	6.6	25	2.1	226	4.9
RELATED CHILDREN UNDER 18 YEARS OLD								
No related children under 18.....	18,333	40.3	15,460	39.0	883	73.5	1,090	43.2
1 related child under 18.....	8,809	19.4	7,544	19.0	128	10.6	1,137	24.7
2 related children under 18.....	8,405	18.5	7,643	19.3	102	8.5	660	14.3
3 related children under 18.....	5,159	11.4	4,731	11.9	56	4.7	372	8.1
4 or more.....	4,729	10.4	4,246	10.7	33	2.7	450	9.8
OWN CHILDREN UNDER 18 YEARS OLD								
No own children under 18.....	10,605	43.1	16,164	40.8	1,012	84.2	2,429	52.7
1 own child under 18.....	8,340	18.4	7,324	18.5	79	6.6	937	20.3
2 own children under 18.....	8,049	17.7	7,460	18.8	53	4.4	536	11.6
3 own children under 18.....	4,985	11.0	4,620	11.7	33	2.7	332	7.2
4 or more.....	4,456	9.8	4,056	10.2	25	2.1	375	8.1
OWN CHILDREN UNDER 6 YEARS OLD								
No children under 6.....	31,678	69.7	26,648	67.3	1,171	97.4	3,859	83.7
1 child under 6.....	7,385	16.3	6,951	17.5	19	1.6	415	9.0
2 or more.....	6,372	14.0	6,025	15.2	12	1.0	335	7.3
MARITAL STATUS OF HEAD								
Married, spouse present.....	30,624	87.2	30,624	100.0	-----	-----	-----	-----
Separated.....	785	1.7	-----	-----	106	8.8	679	14.7
Other married, spouse absent.....	494	1.1	-----	-----	60	5.0	434	9.4
Widowed.....	2,792	6.1	-----	-----	443	36.9	2,349	51.0
Divorced.....	848	1.9	-----	-----	96	8.0	752	16.3
Single.....	892	2.0	-----	-----	497	41.3	395	8.6
AGE OF HEAD								
Under 25.....	2,322	5.1	2,068	5.2	48	4.0	206	4.5
25 to 29.....	4,023	8.9	3,730	9.4	54	4.5	230	5.0
30 to 34.....	5,034	11.1	4,593	11.6	71	5.9	370	8.0
35 to 44.....	10,852	23.9	9,703	24.5	180	15.0	969	21.0
45 to 54.....	9,806	21.6	8,497	21.4	285	23.7	1,024	22.2
55 to 64.....	7,198	15.8	6,174	15.6	235	19.6	789	17.1
65 to 74.....	4,398	9.7	3,590	9.1	106	8.8	412	8.9
75 and over.....	1,802	4.0	1,260	3.2	133	11.1	409	8.9
Median age (years).....	45.5	-----	44.7	-----	53.7	-----	50.2	-----

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 116.

# NO. 42. HOUSEHOLDS, 1930 TO 1960, AND FAMILIES, 1950 AND 1960, BY STATES AND FOR PUERTO RICO

[In thousands, except population per household and per family. Data for households based on complete count; for families, based on 20-percent sample. For definition of households and families, see pp. 2, 3]

STATE OR OTHER AREA	HOUSEHOLDS						FAMILIES			
	Number, 1930	Number, 1940	Number, 1950	1960			Number, 1950	1960 <sup>1</sup>		
				Number	Population— In house- holds	Per house- hold		Number	Population— In fam- ilies	Per fam- ily
United States.....	30,002	35,058	43,000	53,021	174,373	3.29	238,407	44,670	163,054	3.65
New England.....	1,981	2,208	2,617	3,116	10,128	3.25	2,330	2,628	9,472	3.60
Maine.....	108	220	255	280	936	3.34	223	237	874	3.08
New Hampshire.....	119	134	165	180	583	3.24	134	152	544	3.59
Vermont.....	89	93	104	111	375	3.30	90	93	348	3.71
Massachusetts.....	1,021	1,123	1,307	1,535	4,955	3.23	1,172	1,280	4,621	3.61
Rhode Island.....	165	188	226	257	819	3.18	199	218	771	3.54
Connecticut.....	389	450	570	753	2,461	3.27	512	648	2,315	3.57
Middle Atlantic.....	6,374	7,294	8,623	10,405	33,276	3.20	7,766	8,729	30,968	3.55
New York.....	3,153	3,671	4,330	5,248	10,317	3.11	3,862	4,288	15,003	3.50
New Jersey.....	986	1,104	1,374	1,806	5,912	3.27	1,204	1,567	5,576	3.56
Pennsylvania.....	2,236	2,520	2,919	3,351	11,047	3.30	2,640	2,874	10,389	3.61
East North Central.....	6,363	7,291	8,830	10,710	35,380	3.30	7,898	9,104	33,182	3.64
Ohio.....	1,698	1,902	2,315	2,852	9,494	3.33	2,078	2,444	8,928	3.65
Indiana.....	843	963	1,169	1,388	4,553	3.28	1,039	1,186	4,287	3.62
Illinois.....	1,929	2,197	2,586	3,085	9,819	3.18	2,288	2,567	9,129	3.66
Michigan.....	1,181	1,400	1,792	2,239	7,660	3.42	1,625	1,929	7,219	3.74
Wisconsin.....	712	829	998	1,146	3,854	3.36	868	977	3,619	3.70
West North Central.....	3,318	3,698	4,153	4,668	14,977	3.21	3,650	3,887	13,959	3.59
Minnesota.....	606	730	846	902	3,325	3.35	748	829	3,101	3.74
Iowa.....	636	703	781	841	2,687	3.19	687	703	2,509	3.57
Missouri.....	939	1,071	1,190	1,360	4,203	3.09	1,057	1,119	3,893	3.48
North Dakota.....	145	153	162	173	615	3.55	145	148	578	3.91
South Dakota.....	161	166	183	195	660	3.39	161	164	619	3.77
Nebraska.....	313	362	395	433	1,372	3.16	345	391	1,278	3.55
Kansas.....	487	513	588	673	2,114	3.14	508	563	1,975	3.61
South Atlantic.....	3,512	4,291	5,540	7,268	25,144	3.46	5,087	6,279	23,678	3.77
Delaware.....	59	71	90	129	433	3.37	80	110	406	3.08
Maryland.....	385	467	641	803	3,005	3.48	582	756	2,835	3.75
Dist. of Columbia.....	126	174	224	252	722	2.87	198	170	601	3.53
Virginia.....	529	630	846	1,074	3,793	3.53	755	946	3,586	3.79
West Virginia.....	374	446	519	521	1,828	3.51	479	456	1,735	3.81
North Carolina.....	644	701	904	1,205	4,413	3.66	959	1,092	4,227	3.91
South Carolina.....	366	435	515	604	2,300	3.81	478	537	2,206	4.11
Georgia.....	653	754	890	1,070	3,832	3.58	824	911	3,616	3.87
Florida.....	376	523	822	1,550	4,817	3.11	721	1,281	4,436	3.46
East South Central.....	2,273	2,627	2,992	3,367	11,772	3.56	2,764	2,908	11,210	3.85
Kentucky.....	609	700	780	852	2,957	3.47	718	745	2,812	3.78
Tennessee.....	601	717	871	1,003	3,488	3.48	808	880	3,321	3.75
Alabama.....	592	675	786	884	3,202	3.62	730	782	3,055	3.91
Mississippi.....	472	536	555	568	2,125	3.74	500	495	2,021	4.08
West South Central.....	2,868	3,387	4,103	4,928	16,539	3.36	3,695	4,185	15,571	3.72
Arkansas.....	439	496	525	524	1,752	3.35	477	446	1,651	3.70
Louisiana.....	485	594	725	892	3,188	3.57	618	763	3,010	3.96
Oklahoma.....	564	612	663	735	2,262	3.08	591	607	2,109	3.47
Texas.....	1,380	1,684	2,191	2,778	9,336	3.36	1,979	2,368	8,801	3.72
Mountain.....	914	1,126	1,447	1,976	6,673	3.38	1,258	1,651	6,251	3.79
Montana.....	136	161	176	202	657	3.25	146	162	607	3.74
Idaho.....	108	143	169	194	654	3.37	140	164	617	3.76
Wyoming.....	57	70	84	99	323	3.26	72	82	300	3.68
Colorado.....	267	317	392	529	1,697	3.21	338	434	1,574	3.62
New Mexico.....	99	130	177	251	927	3.69	160	219	884	4.03
Arizona.....	106	132	210	367	1,265	3.45	182	310	1,189	3.84
Utah.....	110	140	188	242	874	3.62	170	208	831	4.00
Nevada.....	25	34	50	92	276	3.02	41	72	250	3.48
Pacific.....	2,397	3,135	4,695	6,644	20,485	3.08	3,960	5,301	18,763	3.54
Washington.....	424	540	737	894	2,762	3.09	625	716	2,544	3.55
Oregon.....	266	339	470	558	1,723	3.09	412	454	1,592	3.61
California.....	1,610	2,147	3,336	4,981	15,207	3.05	2,827	3,955	13,887	3.51
Alaska.....	320	422	31	57	200	3.49	( <sup>2</sup> )	46	184	3.99
Hawaii.....	77	87	112	153	593	3.87	96	129	556	4.29
Puerto Rico.....	292	356	429	484	2,320	4.70	( <sup>3</sup> )	438	2,223	5.0

<sup>1</sup> Primary families only, which comprise about 90½ percent of all families.

<sup>2</sup> Excludes Alaska.

<sup>3</sup> 1929.

<sup>4</sup> 1939.

<sup>5</sup> Not available.

Source: Department of Commerce, Bureau of the Census; Fifteenth Census Reports, *Population*, Vol. VI, Sixteenth Census Reports, *Population*, Vol. IV, Part I, *U.S. Census of Population: 1950*, Vol. II, Parts I and 51-53, and *1960 Census of Population*, Series PC (1)-1B.

### NO. 43. HUSBAND-WIFE FAMILIES—CHARACTERISTICS BY AGE OF HEAD AND PRESENCE AND AGE OF OWN CHILDREN UNDER 18 YEARS OLD: 1961

[In thousands. As of March. Includes Alaska and Hawaii. For total number of husband-wife families, families, male head, married, wife present, see table 41. See also headnote, table 41]

SUBJECT	HEAD UNDER 45 YEARS OLD					HEAD 45 TO 64 YEARS OLD			Head 65 years old and over
	Total	No own children under 18	One or more under 18			Total	No own children under 18	Some under 18	
			All under 6	Some under 6; some 6 to 17	All 6 to 17				
All families.....	20, 103	3, 115	5, 579	6, 290	5, 119	14, 671	8, 406	6, 265	4, 850
COLOR									
White.....	18, 331	2, 737	5, 102	5, 674	4, 818	13, 499	7, 721	5, 778	4, 570
Nonwhite.....	1, 772	378	477	616	301	1, 172	685	487	280
RESIDENCE									
Urban.....	18, 895	3, 014	5, 298	5, 809	4, 774	13, 259	7, 682	5, 577	4, 351
Rural nonfarm.....									
Rural farm.....	1, 208	101	281	481	345	1, 412	724	688	490
SIZE OF FAMILY									
2 persons.....	2, 688	2, 688				5, 633	5, 633		3, 658
3 persons.....	3, 861	329	2, 314		1, 218	3, 570	1, 869	1, 701	740
4 persons.....	5, 658	68	2, 211	1, 274	2, 105	2, 676	546	2, 130	217
5 persons.....	4, 020	15	799	2, 000	1, 200	1, 387	219	1, 168	107
6 persons.....	2, 082	10	185	1, 480	407	655	73	582	68
7 persons or more.....	1, 794	5	70	1, 530	189	750	66	684	60
Average (mean) size.....	4.39	2.19	3.86	5.99	4.34	3.43	2.52	4.64	2.45

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 116.

### NO. 44. INSTITUTIONAL POPULATION, BY STATES: 1950 AND 1960

STATE	1950	1960	STATE	1950	1960
United States.....	1,573,623	1,897,106	South Atlantic—Con.		
New England.....	125,822	132,825	West Virginia.....	15,265	15,082
Maine.....	9,861	9,642	North Carolina.....	32,692	45,862
New Hampshire.....	7,416	7,932	South Carolina.....	15,154	25,176
Vermont.....	4,298	4,717	Georgia.....	31,703	40,667
Massachusetts.....	69,422	72,219	Florida.....	22,870	39,895
Rhode Island.....	8,051	8,541	East South Central.....	85,241	99,208
Connecticut.....	26,774	29,774	Kentucky.....	24,548	26,725
Middle Atlantic.....	375,811	425,063	Tennessee.....	26,612	30,385
New York.....	209,786	237,407	Alabama.....	21,430	26,636
New Jersey.....	50,479	58,414	Mississippi.....	12,651	15,463
Pennsylvania.....	115,546	129,242	West South Central.....	104,632	147,050
East North Central.....	331,061	378,513	Arkansas.....	13,090	15,252
Ohio.....	87,724	99,398	Louisiana.....	18,972	28,524
Indiana.....	38,416	45,636	Oklahoma.....	19,152	27,195
Illinois.....	99,790	108,399	Texas.....	53,448	76,079
Michigan.....	67,556	80,033	Mountain.....	42,447	58,409
Wisconsin.....	37,535	45,047	Montana.....	5,283	6,058
West North Central.....	142,261	162,167	Idaho.....	4,081	4,895
Minnesota.....	30,887	38,973	Wyoming.....	2,754	3,225
Iowa.....	27,493	29,626	Colorado.....	15,246	20,428
Missouri.....	38,009	42,987	New Mexico.....	3,869	5,479
North Dakota.....	5,887	6,409	Arizona.....	5,993	10,419
South Dakota.....	6,654	7,198	Utah.....	3,906	5,842
Nebraska.....	14,361	15,917	Nevada.....	1,315	2,062
Kansas.....	18,970	21,077	Pacific.....	167,306	228,788
South Atlantic.....	199,042	265,083	Washington.....	27,638	33,980
Delaware.....	4,040	5,245	Oregon.....	14,760	20,437
Maryland.....	27,748	34,487	California.....	118,003	167,906
District of Columbia.....	13,088	15,159	Alaska.....	1,844	1,844
Virginia.....	36,482	43,510	Hawaii.....	5,041	4,621

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Population: 1950*, Vol. IV, Part 20, and *1960 Census of Population*, Series PC (1)-1B.

## Population

## No. 45. RELIGION REPORTED BY THE CIVILIAN POPULATION, BY COLOR, SEX, AND RESIDENCE: 1957

[In thousands of persons 14 years old and over. As of March. Excludes Alaska and Hawaii. Based on Current Population Survey; see Technical Note, p. 213]

RELIGION	Total	COLOR AND SEX				RESIDENCE			Median age (years)
		White		Nonwhite		Urban		Rural	
		Male	Female	Male	Female	Total	Urban- ized areas of 250,000 or more		
Total.....	119,333	51,791	55,570	5,679	6,293	76,298	43,671	43,035	40.4
Protestant.....	78,952	32,320	36,155	4,851	5,620	44,726	21,458	34,226	40.8
Baptist.....	23,625	7,822	8,450	3,354	3,899	(1)	(1)	(1)	(1)
Lutheran.....	8,417	4,084	4,301	17	15	(1)	(1)	(1)	(1)
Methodist.....	16,676	6,788	7,821	968	1,099	(1)	(1)	(1)	(1)
Presbyterian.....	6,656	3,000	3,549	57	50	(1)	(1)	(1)	(1)
Other Protestant.....	23,678	10,626	12,034	455	563	(1)	(1)	(1)	(1)
Roman Catholic.....	30,669	14,396	15,499	361	413	24,173	16,528	6,496	38.7
Jewish.....	3,868	1,860	1,999	1	3	3,718	3,380	150	44.5
Other religion.....	1,545	688	676	88	93	1,196	817	349	43.5
No religion.....	3,195	2,051	730	306	108	1,732	942	1,463	42.0
Religion not reported.....	1,104	476	511	72	45	753	546	351	(2)

<sup>1</sup> Not available. <sup>2</sup> Included with "Other religion."Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 79.

## No. 46. RELIGIOUS BODIES—CHURCH MEMBERSHIP, NUMBER OF PASTORS, AND SUNDAY SCHOOL ENROLLMENT

[Beginning 1959, includes Alaska and Hawaii. Represents latest information available from religious bodies; excludes a few groups giving no data, such as Church of Christ, Scientist. Totals include, substantially, those religious bodies reporting to Bureau of Census for Census of Religious Bodies in 1936. 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; Jews regard as members all Jews in communities having congregations; 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 Protestant Episcopal Church now report all baptized persons, and not only those confirmed]

RELIGIOUS BODY	Year	Number of churches reported	Church membership (1,000)	Number of pastors with charges	Sunday or Sabbath School enrollment <sup>1</sup> (1,000)
<b>Total</b> .....	-----	<b>318,697</b>	<b>114,449</b>	<b>241,268</b>	<b>43,231</b>
<b>Bodies with membership of 50,000 or over</b> .....		<b>300,384</b>	<b>112,757</b>	<b>225,895</b>	<b>41,793</b>
Adventist Bodies: Seventh-day Adventists.....	1960	3,032	318	2,499	322
Apostolic Overcoming Holy Church of God.....	1956	300	75	300	4
Armenian Church, Diocese of A.; Diocese of Calif.....	1960	51	125	43	6
Assemblies of God.....	1960	8,233	509	7,502	975
<b>Baptist Bodies:</b>					
American Baptist Association.....	1960	3,091	648	2,240	221
American Baptist Convention.....	1959	6,262	1,543	5,271	1,093
Baptist General Conference.....	1960	636	72	500	98
Conservative Baptist Association of America.....	1960	1,350	300	1,350	300
Free Will Baptists.....	1960	2,232	191	2,232	118
General Association of Regular Baptist Churches.....	1960	934	136	825	-----
General Baptists.....	1960	792	59	540	110
National Baptist Convention of America.....	1956	11,398	2,660	7,598	3 2,500
National Baptist Convention, U.S.A., Inc.....	1958	26,000	5,000	26,000	4 2,407
National Baptist Evangelical Life and Soul Saving Assembly of U.S.A.....	1951	264	58	128	5 46
National Primitive Baptist Convention of the U.S.A.....	1957	1,100	81	500	45
North American Baptist Association.....	1959	1,980	330	1,720	382
North American Baptist General Conference.....	1960	300	51	324	46
Primitive Baptists.....	1950	1,000	72	-----	40
Southern Baptist Convention.....	1960	32,251	9,732	29,200	7,383
United Baptist.....	1955	586	64	415	15
United Free Will Baptist Church.....	1958	8 836	100	915	9 32
Brethren (German Baptist): Church of the Brethren.....	1960	1,074	200	885	167
Christian and Missionary Alliance.....	1960	1,016	60	910	137
Christian Churches (Disciples of Christ), International Convention.....	1960	8,001	1,802	4,244	1,109
<b>Churches of God:</b>					
Church of God (Cleveland, Tenn.).....	1960	3,280	170	3,191	283
Church of God (Anderson, Ind.).....	1960	2,278	143	1,803	247
The Church of God.....	1959	1,901	74	1,611	108
Church of God in Christ.....	1960	3,800	393	3,699	99
Church of the Nazarene.....	1960	4,458	308	3,997	671
Churches of Christ.....	1960	18,680	2,163	2 5,000	7 216
Congregational Christian Churches.....	1960	5,401	1,423	3,571	738

See footnotes at end of table.



No. 46. RELIGIOUS BODIES—CHURCH MEMBERSHIP, NUMBER OF PASTORS, AND  
SUNDAY SCHOOL ENROLLMENT—Continued

RELIGIOUS BODY	Year	Number of churches reported	Church membership (1,000)	Number of pastors with charges	Sunday or Sabbath School enrollment <sup>1</sup> (1,000)
<b>Bodies with membership of 50,000 or over—Con.</b>					
<b>Eastern Churches:</b>					
American Carpatho-Russian Orthodox Greek Catholic Church.....	1960	04	100	49	4
Bulgarian Eastern Orthodox Church.....	1960	22	86	<sup>2</sup> 10	1
Greek Archdiocese of North and South America.....	1960	382	1,200	417	57
Romanian Orthodox Episcopate of America.....	1960	52	50	34	1
The Russian Orthodox Church Outside Russia.....	1955	81	<sup>5</sup> 55	92	-----
The Russian Orthodox Greek Catholic Church of America.....	1957	352	755	349	11
Serbian Eastern Orthodox Church.....	1960	71	125	65	4
Syrian Antiochian Orthodox Church.....	1960	81	110	110	20
Syrian Orthodox Church of Antioch.....	1960	29	60	6	-----
Ukrainian Orthodox Church of U.S.A.....	1960	96	85	94	<sup>2</sup> 4
Evangelical and Reformed Church.....	1960	2,726	813	1,919	548
Evangelical Covenant Church of America.....	1960	510	60	440	79
Evangelical United Brethren Church.....	1960	4,298	748	3,046	733
Federated Churches.....	1936	508	88	-----	70
Friends: Five Years Meeting of Friends.....	1960	528	72	375	54
Independent Fundamental Churches of America.....	1960	764	90	<sup>2</sup> 700	<sup>2</sup> 148
International Church of the Foursquare Gospel.....	1960	721	83	721	68
Jehovah's Witnesses.....	1960	4,170	260	-----	-----
Jewish Congregations.....	1960	<sup>0</sup> 4,079	5,367	<sup>0</sup> 2,002	<sup>2</sup> 263
<b>Latter-day Saints:</b>					
Church of Jesus Christ of Latter-day Saints.....	1960	3,401	1,487	<sup>10</sup> 2,869	1,413
Reorganized Church of Jesus Christ of Latter-day Saints.....	1960	848	155	848	84
<b>Lutherans:</b>					
<b>Evangelical Lutheran Synodical Conference of N.A.:</b>					
Lutheran Church, Missouri Synod.....	1960	5,215	2,391	4,198	870
Wisconsin Evangelical Lutheran Synod.....	1960	829	235	637	55
<b>National Lutheran Council Constituents:</b>					
American Lutheran Church.....	1960	4,625	2,242	3,461	813
Augustana Evangelical Lutheran Church.....	1960	1,207	608	964	249
Lutheran Free Church.....	1960	340	87	169	36
The United Lutheran Church in America.....	1960	4,308	2,385	3,437	1,045
Mennonite Bodies: Mennonite Church.....	1960	869	73	1,129	119
<b>Methodist Bodies:</b>					
African Methodist Episcopal Church.....	1951	5,878	1,160	5,878	363
African Methodist Episcopal Zion Church.....	1959	4,083	770	2,400	199
Christian Methodist Episcopal Church.....	1951	2,469	392	1,820	<sup>0</sup> 115
Free Methodist Church of North America.....	1960	1,193	55	1,200	136
The Methodist Church.....	1960	38,882	9,893	24,543	7,132
<b>Moravian Bodies: Moravian Church in America (Unitas Fratrum)</b>					
North American Old Roman Catholic Church.....	1960	64	85	64	-----
<b>Pentecostal Assemblies:</b>					
Pentecostal Church of God of America, Inc.....	1958	900	104	900	100
Pentecostal Holiness Church, Inc.....	1960	1,239	53	1,130	113
United Pentecostal Church, Inc.....	1960	1,900	175	1,900	<sup>0</sup> 130
Polish National Catholic Church of America.....	1960	162	282	151	<sup>8</sup> 24
<b>Presbyterian Bodies:</b>					
Cumberland Presbyterian Church.....	1960	975	88	600	76
Presbyterian Church in the U.S.....	1960	3,995	903	2,625	751
The United Presbyterian Church in the U.S.A.....	1960	9,383	3,259	7,407	2,046
Protestant Episcopal Church.....	1960	<sup>2</sup> 7,667	<sup>2</sup> 3,444	<sup>8</sup> 4,963	980
<b>Reformed Bodies:</b>					
Christian Reformed Church.....	1960	549	243	451	-----
Reformed Church in America.....	1960	867	226	781	168
Roman Catholic Church.....	1960	23,393	42,105	17,026	2,558
Salvation Army.....	1960	1,255	254	2,396	163
<b>Spiritualists: International General Assembly of Spiritualists.....</b>					
Triumph the Church and Kingdom of God in Christ.....	1960	670	67	600	27
Unitarian Churches.....	1960	392	101	350	67
Universalist Church of America.....	1959	387	71	350	16
<b>Bodies with membership of less than 50,000.....</b>		18,313	1,692	15,373	1,438

<sup>1</sup> Includes pupils, officers, and teachers enrolled. <sup>2</sup> 1959 data. <sup>3</sup> 1955 data. <sup>4</sup> 1957 data. <sup>5</sup> 1949 data.

<sup>6</sup> 1952 data. <sup>7</sup> 1936 data. <sup>8</sup> 1951 data. <sup>9</sup> 1954 data. <sup>10</sup> 1956 data.

Source: National Council of the Churches of Christ in the United States of America; *Yearbook of American Churches*, November 1961.

# No. 47. RELIGIOUS BODIES—CHURCH MEMBERSHIP AND SUNDAY SCHOOLS: 1940 TO 1960

[See headnote, table 46. See also *Historical Statistics, Colonial Times to 1957*, Series II 531-537]

ITEM	1940	1950	1957	1958	1959	1960
All religious bodies:						
Number of members.....1,000..	64,502	80,830	104,190	109,558	112,227	114,449
Percent of total population.....	49	57	61	63	63	64
Average number per local church.....	265	304	339	364	357	359
All Protestant bodies.....1,000..	37,815	51,080	59,824	61,505	62,544	63,069
The Roman Catholic Church.....do..	21,284	28,655	35,846	39,510	40,871	42,105
Other.....do..	5,403	7,116	8,519	8,544	8,812	8,675
Sunday and Sabbath Schools:						
Number of schools.....do..	1,213	246	269	275	287	284
Enrollment.....do..	124,101	29,775	40,360	41,617	44,006	43,231

<sup>1</sup> 1941-1942.

Source: National Council of the Churches of Christ in the United States of America; *Yearbook of American Churches*.

## No. 48. RELIGIOUS BODIES—CHURCH CONTRIBUTIONS

[Includes Alaska and Hawaii. Represents data for 47 religious bodies reporting annual contributions except as noted]

RELIGIOUS BODY	Reports for year ending—	TOTAL CONTRIBUTIONS		Benevolences <sup>1</sup> (\$1,000)	Congrega- tional expenses <sup>2</sup> (\$1,000)
		Amount (\$1,000)	Per member		
Total, 47 bodies.....		\$ 2,533,121	\$ 66.76	458,441	2,074,480
Bodies with membership of 50,000 or over.....		\$ 2,476,893		445,981	2,030,712
Baptist: American Convention.....	Dec. 31, 1960	73,106	48.06	13,570	50,536
Southern Convention.....	Sept. 30, 1960	480,609	55.68	81,925	398,684
Church of the Brethren.....	do.....	12,644	68.33	3,565	9,079
Church of God (Anderson, Ind.).....	June 30, 1961	17,498	132.00	2,121	15,377
Church of the Nazarene.....	Dec. 31, 1960	46,347	142.33	8,655	36,692
Congregational Christian.....	do.....	104,862	73.20	12,948	91,914
Christian Churches (Disciples of Christ).....	June 30, 1960	86,835	63.26	15,679	71,156
Evangelical and Reformed.....	Dec. 31, 1960	62,346	76.58	9,681	52,665
Evangelical Covenant Church of America.....	do.....	10,885	181.14	1,993	8,892
Evangelical United Brethren.....	June 30, 1960	48,772	\$ 65.28	9,351	39,421
Lutheran: American.....	Dec. 31, 1960	51,809	74.49	8,476	43,423
Augustana.....	do.....	33,479	80.88	7,373	26,105
Evangelical.....	Jan. 31, 1961	51,297	66.85	10,657	40,641
Free.....	do.....	3,618	63.98	868	2,751
Missouri Synod.....	Dec. 31, 1960	151,153	96.18	31,580	119,572
United.....	do.....	\$ 119,448	70.86	25,461	93,787
Wisconsin Synod.....	June 30, 1961	16,042	68.24	3,808	12,235
Methodist: Free.....	Aug. 31, 1961	14,927	271.86	8,592	6,335
Methodist Church.....	May 31, 1961	553,951	55.14	83,722	470,229
Pentecostal Holiness Church.....	Aug. 31, 1960	6,788	127.47	517	6,270
Presbyterian: Cumberland.....	Dec. 31, 1960	5,320	60.20	771	4,558
United Presbyterian Church U.S.A.....	do.....	91,582	101.44	21,457	70,126
U.S.....	do.....	270,234	84.31	48,967	221,267
Protestant Episcopal.....	do.....	140,625	64.51	28,367	112,258
Reformed Church in America.....	do.....	23,616	104.53	5,875	17,741
Bodies with membership of less than 50,000.....		56,227		12,460	43,768

<sup>1</sup> Includes contributions for home and foreign missions.

<sup>2</sup> Represents contributions to local parish or church for building funds, repairs, fuel, salaries of ministers and other employees, and other expenses.

<sup>3</sup> Includes \$199,963 contributed to Lutheran Laymen's Movement for Stewardship.

<sup>4</sup> 39 bodies. <sup>5</sup> Excluded from total.

Source: National Council of the Churches of Christ in the United States of America; published in *Statistics of Church Finances*, November 1961.

## Section 2

### Vital Statistics, Health, and Nutrition

This section presents vital statistics—data on births, deaths, fetal deaths (stillbirths), marriages, divorces—and data on communicable diseases, mental health, medical care, hospitals, and nutrition. Vital statistics are compiled and published by the Public Health Service in its annual report, *Vital Statistics of the United States*, and its *Monthly Vital Statistics Report*. Reports in this field are also issued by the individual State bureaus of vital statistics.

**Births and deaths.**—The collection of death statistics on an annual basis began in 1900. Then the death-registration States consisted of 10 States and the District of Columbia. In 1915, the collection of birth statistics began with 10 States and the District of Columbia. The changing composition of the two registration areas<sup>1</sup> makes it impossible to obtain geographically comparable birth and death data for the entire United States before 1933. However, the rates for the expanding groups of registration States are approximations of national rates, and general comparisons over a long period of years can be made. Beginning with 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 compiled for 1918 and annually since 1922.

Prior to 1951, and in 1955, birth statistics were based on a complete count of the records received in the Public Health Service. From 1951 to 1954, and for 1956 and subsequent years, the figures were based on a 50-percent sample of all registered births. Adjustments shown for underregistration of births are based, for the most part, on the results of nationwide tests of registration completeness in 1940 and 1950.

Current death statistics are based on a 10-percent sample of death certificates filed in State vital statistics offices; deaths among Armed Forces abroad are excluded. Fetal deaths (stillbirths) are also excluded from death statistics. *Fetal death figures* represent only fetal deaths for which the period of gestation was 20 weeks or more, or was not stated, since many States do not require the registration of earlier fetal deaths. Neonatal deaths represent deaths of infants under 28 days old, exclusive of fetal deaths.

Since 1900 the causes of death have been classified according to 7 different revisions of the *International Lists of Diseases and Causes of Death*, issued by the Public Health Service. It has been the practice to revise the *International Lists* every 10 years to keep abreast of medical knowledge. Each revision has produced some break in the comparability of cause-of-death statistics. The extent of the changes is discussed in "The Effect of the Sixth Revision of the International Lists of Diseases and Causes of Death Upon Comparability of Mortality Trends," *Vital Statistics-Special Reports*, Vol. 36, No. 10, and *Vital Statistics of the United States*, 1958, Vol. 1. The latest (7th) revision was made in 1958.

Births, deaths, and fetal deaths are classified by place of occurrence and by place of residence of the mother or of the decedent.

**Marriages and divorces.**—National collections of statistics on marriages and divorces in the United States were made for the years 1867 to 1906, 1916, 1922 to 1932, 1937 to 1940, and 1944 to 1961. Estimates have been made for the intervening years as well as for years in which collections were not complete. A marriage-registration area was

<sup>1</sup> For coverage of these areas, see *Historical Statistics of the United States, Colonial Times to 1957*, series B 1-5.

established by the Public Health Service on January 1, 1957; it covers 35 States and 3 independent registration areas. A divorce-registration area was inaugurated on January 1, 1958; it comprises 21 States and 1 independent registration area. These registration areas were established in order to improve national statistics of marriages and divorces. Criteria for the participation of a State in these registration areas are listed in *Vital Statistics of the United States, 1958*, Vol. 1, pp. 1-10.

**Vital statistics rates.**—Vital statistics rates computed by the Public Health Service are based upon the enumerated population figures as of April 1 for 1940, 1950, and 1960 and upon the estimated midyear population figures for other years, provided by the Bureau of the Census unless otherwise noted. The special situation created by the changes in size and disposition of the Armed Forces necessitated the use of different types of population bases during the war and postwar period. Birth and divorce rates for 1941 to 1946 for the United States are based on the total population including members of the Armed Forces abroad. Birth and divorce rates for 1940 and 1947 to 1960, and death and marriage rates for 1940 to 1960, for the United States and the individual States are based on total population present in the area, excluding Armed Forces abroad.

**Morbidity.**—Annual data on morbidity are compiled by the Public Health Service and published as a supplement to its *Morbidity and Mortality Weekly Report*. The list of diseases reported by individual States depends upon laws or regulations within the various States. However, most of the common communicable diseases are reportable in all States. Data on morbidity in the general population are also obtained occasionally by special surveys conducted in various communities or States. A clearing-house of such surveys is maintained by the Public Health Service.

Another source of health statistics is the National Health Survey's continuing program which collects statistics on disease, injury, impairment, disability, and related topics on a uniform basis for the nation as a whole. The various reports are published under the general title, *Health Statistics From the U.S. National Health Survey*.

Morbidity statistics for members of the Armed Forces are prepared and published by the Departments of the Army, Navy, and Air Force. The Department of Labor compiles statistics of industrial injuries (see pp. 240 and 241).

**Medical care.**—Statistics of hospitals are obtained from the annual survey of hospitals conducted by the American Hospital Association. These statistics are published annually by that organization in *Hospitals*, Guide Issue, and include only hospitals that meet American Hospital Association requirements for listing. A relatively large number of institutions that provide health care, such as nursing and convalescent homes, are not included in the survey. Included are nearly all hospitals in the country that meet the following definition: A hospital is any establishment providing medical and registered nurse supervision; and offering services, facilities, and beds for use beyond 24 hours by 6 or more nonrelated individuals requiring diagnosis, treatment or care for illness, injury, deformity, infirmity, abnormality, or pregnancy; and regularly making available at least (1) clinical laboratory services, (2) diagnostic X-ray services, and (3) treatment facilities for (a) surgery, (b) obstetrical care, or (c) other definitive medical treatment of similar extent. Statistics supporting comprehensive, long-range plans for construction of hospital facilities authorized under Title VI of the Public Health Service Act, as amended, are revised annually, and are available from the Public Health Service. Summary data from the same source on existing hospital beds from 1948 to 1959 appear in *Public Health Reports* (December 1959 issue). Detailed data on existing hospital beds as of July 1, 1956, appear in *The Nation's Health Facilities—Ten Years of the Hill-Burton Hospital and Medical Facilities Program, 1946-1956*, Public Health Service Publication No. 616.

Statistics on institutional population based on the 1950 Census of Population include information on number and characteristics of persons in long-term hospitals, in homes and schools for the mentally and physically handicapped, and in homes for the aged and dependent (*U. S. Census of Population, 1950*, Vol. IV, Part 2C).

Sample surveys are conducted occasionally to provide information on the medical care received by the population of various communities or States, and certain insurance organizations publish statistics on the medical care received by their beneficiaries.

Another aspect of medical care is provided by statistics on patients in hospitals for mental disease, and in institutions for mental defectives and epileptics. From 1926 to 1946, such data were collected annually by the Bureau of the Census. Beginning with the 1947 report, the data appear in the annual report, *Patients in Mental Institutions*, issued by the Public Health Service.

**Nutrition.**—Statistics on the apparent per capita consumption of food and its nutrient value are estimated by the Department of Agriculture and published quarterly (nutrient value, annually) in the *National Food Situation*. A discussion of methods used to compute these figures and more detailed information appear in Agriculture Handbook No. 62, *Consumption of Food in the United States, 1909-52*, and the 1956 and later supplements to that publication present revised and current figures.

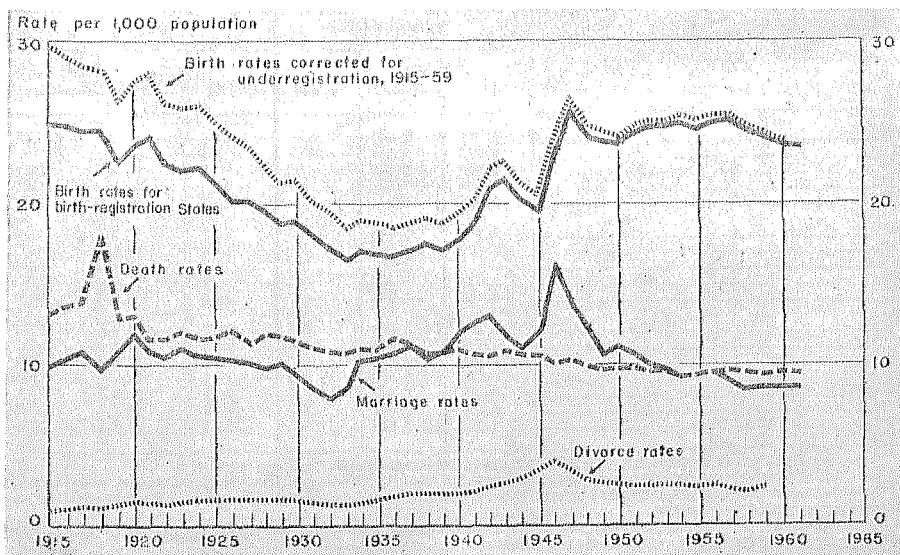
Statistics on Federal food distribution programs, data on the quantity and costs of the food commodities distributed, and the number of persons participating in the programs are published annually in *Agricultural Statistics*.

**Alaska and Hawaii.**—For a general statement concerning the treatment of data for Alaska and Hawaii, see preface. "Conterminous area" refers to the United States excluding Alaska, Hawaii, and outlying areas.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics, Colonial Times to 1957*, series B 7-9") provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

Fig. V. VITAL STATISTICS RATES: 1915 TO 1961

[See tables 49 and 50]



### No. 49. BIRTHS, DEATHS, MARRIAGES, AND DIVORCES, AND RATE PER 1,000 POPULATION: 1910 TO 1961

[In thousands. Beginning 1959, includes Alaska, and 1960, Hawaii. Births and deaths are registered births and deaths only; for years prior to 1933 not all States were represented (see text, p. 49). See also *Historical Statistics, Colonial Times to 1957*, series B 7-9, B 120, B 176, and B 178]

YEAR	Births	Deaths	Mar- riages <sup>1</sup>	Di- vorces <sup>2</sup>	RATE PER 1,000 POPULATION <sup>3</sup>			
					Births	Deaths	Mar- riages <sup>1</sup>	Di- vorces <sup>2</sup>
1910.....	---	697	948	83	---	14.7	10.3	0.9
1915.....	770	816	1,008	104	25.0	13.2	10.0	1.0
1920.....	1,309	1,118	1,274	171	23.7	13.0	12.0	1.6
1925.....	1,870	1,182	1,188	175	21.3	11.7	10.3	1.5
1930.....	2,204	1,327	1,127	190	18.9	11.3	9.2	1.6
1935.....	2,155	1,393	1,327	218	16.9	10.9	10.4	1.7
1940.....	2,360	1,417	1,506	264	17.9	10.8	12.1	2.0
1945.....	2,735	1,402	1,613	485	19.5	10.6	12.2	3.5
1950.....	3,554	1,452	1,667	385	23.6	9.6	11.1	2.6
1955.....	4,047	1,520	1,531	377	24.6	9.3	9.3	2.3
1956.....	4,163	1,504	1,685	392	24.9	9.4	9.5	2.3
1957.....	4,255	1,633	1,518	381	25.0	9.6	8.9	2.2
1958.....	4,204	1,648	1,451	368	24.3	9.5	8.4	2.1
1959.....	4,245	1,657	1,494	395	24.1	9.4	8.5	2.2
1960.....	4,258	1,702	1,527	( <sup>4</sup> )	23.7	9.5	8.5	( <sup>5</sup> )
1961.....	4,282	1,702	1,547	( <sup>5</sup> )	23.4	9.3	8.5	( <sup>5</sup> )

<sup>1</sup> Estimated for 1920, 1935, and 1955-61. Includes estimates and marriage licenses for some States for all years.

<sup>2</sup> Estimated, except for 1925 and 1930. Includes reported annulments.

<sup>3</sup> For 1940, 1950, and 1960, based on population enumerated as of April 1; for all other years, estimated as of July 1. All rates are based on population excluding Armed Forces abroad, except 1945 birth and divorce rates based on population including Armed Forces abroad.

<sup>4</sup> Based on 50-percent sample. <sup>5</sup> Provisional. <sup>6</sup> Not available.

Source: Department of Health, Education, and Welfare, Public Health Service; annual report, *Vital Statistics of the United States*, and *Monthly Vital Statistics Report*.

### No. 50. LIVE BIRTHS AND BIRTH RATE PER 1,000 POPULATION, BY COLOR: 1910 TO 1961

[In thousands. Beginning 1959, includes Alaska, and 1960, Hawaii. Data for 1910 to 1958 are adjusted for under-registration; 1959 data are shown for both registered and adjusted births; beginning 1960, registered births only. For total registered births, see table 49. See also *Historical Statistics, Colonial Times to 1957*, series B 6 and B 19-21]

YEAR	NUMBER <sup>1</sup>			RATE <sup>2</sup>		
	Total	White	Non- white	Total	White	Non- white
1910.....	2,777	2,401	( <sup>3</sup> )	30.1	29.2	( <sup>3</sup> )
1915.....	2,965	2,594	( <sup>3</sup> )	29.5	28.9	( <sup>3</sup> )
1920.....	2,950	2,566	383	27.7	26.9	35.0
1925.....	2,908	2,506	403	25.1	24.1	34.2
1930.....	2,618	2,274	344	21.3	20.6	27.5
1935.....	2,377	2,042	334	18.7	17.9	25.8
1940.....	2,559	2,199	360	19.4	18.6	26.7
1945.....	2,858	2,471	388	20.4	19.7	26.5
1950.....	3,632	3,108	524	24.1	23.0	33.3
1955.....	4,104	3,488	617	25.0	23.8	34.7
1956.....	4,218	3,573	645	25.2	24.0	35.4
1957.....	4,308	3,648	660	25.3	24.1	35.2
1958.....	4,255	3,598	657	24.6	23.4	34.2
1959 (adj.).....	4,205	3,622	673	24.3	23.1	34.0
1960 (reg.).....	4,245	3,597	647	24.1	23.0	32.7
1961.....	4,258	3,601	657	23.7	22.7	32.1
1961.....	4,282	3,616	666	23.4	22.3	31.6

<sup>1</sup> Includes adjustments for States not in the birth-registration area before 1933; see text, p. 49.

<sup>2</sup> For 1940, 1950, and 1960, based on population enumerated as of April 1; for all other years, estimated as of July 1. For 1945, based on population including Armed Forces abroad; for all other years based on total population residing in area in specified group.

<sup>3</sup> Not estimated. Differences between estimated numbers of all births and white births do not give reliable estimates for nonwhite births. <sup>4</sup> Based on a 50-percent sample.

<sup>5</sup> Provisional.

Source: Department of Health, Education, and Welfare, Public Health Service; annual report, *Vital Statistics of the United States*.

# No. 51. GROSS AND NET REPRODUCTION RATE, BY COLOR: 1905 TO 1960

[Beginning 1959, includes Alaska, and 1960, Hawaii. Prior to 1960, based on births adjusted for underregistration; beginning 1960, on registered births. Rates computed using annual vital statistics life tables and population estimates by age, except as noted for earlier years. A net reproduction rate of 1,000 means that each generation would just replace itself, if birth and death rates of a specified period were to continue indefinitely, in the absence of net immigration. A rate above 1,000 implies a potentially gaining population, and a rate below 1,000, a potentially declining population. A gross reproduction rate of 1,000 means that if all women born at the beginning of a generation were to live through their reproductive period and continue birth rates existing at the time of their birth, they would barely reproduce themselves, assuming no migration from outside the area. Where gross reproduction rate is less than 1,000, an improvement in mortality alone would not prevent a potential decline in population. See also *Historical Statistics, Colonial Times to 1867*, series B 31-36]

PERIOD OR YEAR	NET RATE			GROSS RATE		
	Total	White	Nonwhite	Total	White	Nonwhite
1905 to 1910 <sup>1</sup>	1,336	1,338	1,329	1,768	1,740	2,240
1930 to 1935 <sup>1</sup>	984	972	1,074	1,108	1,080	1,336
1935 to 1940 <sup>1</sup>	978	957	1,137	1,101	1,063	1,413
1940.....	1,027	1,002	1,209	1,121	1,082	1,422
1945.....	1,132	1,106	1,323	1,212	1,175	1,493
1949.....	1,439	1,396	1,741	1,515	1,451	1,906
1950.....	1,435	1,387	1,783	1,505	1,446	1,940
1951 <sup>2</sup>	1,519	1,471	1,864	1,591	1,532	2,025
1952 <sup>2</sup>	1,561	1,514	1,894	1,635	1,577	2,059
1953 <sup>2</sup>	1,594	1,543	1,955	1,665	1,603	2,114
1954 <sup>2</sup>	1,654	1,598	2,058	1,723	1,657	2,212
1955.....	1,673	1,613	2,097	1,741	1,671	2,251
1956 <sup>2</sup>	1,724	1,660	2,178	1,793	1,719	2,333
1957 <sup>2</sup>	1,759	1,697	2,200	1,831	1,758	2,356
1958 <sup>2</sup>	1,730	1,668	2,173	1,801	1,727	2,334
1959 <sup>2</sup> (adj.)	1,738	1,672	2,196	1,806	1,730	2,354
1959 <sup>2</sup> (reg.)	1,716	1,661	2,113	1,784	1,719	2,236
1960 <sup>2</sup>	<sup>3</sup> 1,717	<sup>3</sup> 1,664	<sup>3</sup> 2,093	1,783	1,720	2,241

<sup>1</sup> Data based on census samples. See source: Department of Commerce, Bureau of the Census; special report of Sixteenth Census, *Differential Fertility, 1940 and 1910—Standardized Fertility Rates and Reproduction Rates*.

<sup>2</sup> Based on a 50-percent sample of births. <sup>3</sup> Provisional.

Source: Department of Health, Education, and Welfare, Public Health Service (except as noted); annual report, *Vital Statistics of the United States*.

# No. 52. LIVE BIRTHS, BY SEX: 1935 TO 1960

[In thousands. Beginning 1959, includes Alaska, and 1960, Hawaii. Data for 1935 to 1958 are births adjusted for underregistration; 1959 data are shown for both registered and adjusted births; beginning 1960, registered births only. For total registered births, see table 49; for total estimated births, see table 50]

YEAR	Male	Female	Males per 1,000 females
1935.....	1,219	1,158	1,053
1940.....	1,313	1,246	1,054
1941.....	1,387	1,316	1,053
1942.....	1,537	1,452	1,058
1943.....	1,593	1,510	1,056
1944.....	1,599	1,430	1,056
1945.....	1,467	1,391	1,055
1946.....	1,754	1,657	1,058
1947.....	1,960	1,857	1,055
1948.....	1,866	1,771	1,054
1949.....	1,872	1,777	1,054
1950.....	1,863	1,768	1,054
1951 <sup>1</sup>	1,900	1,803	1,052
1952 <sup>1</sup>	2,005	1,908	1,051
1953 <sup>1</sup>	2,034	1,931	1,053
1954 <sup>1</sup>	2,090	1,988	1,051
1955.....	2,103	2,001	1,051
1956 <sup>1</sup>	2,162	2,056	1,052
1957 <sup>1</sup>	2,207	2,101	1,050
1958 <sup>1</sup>	2,179	2,076	1,050
1959 <sup>1</sup> (adj.)	2,109	2,006	1,049
1959 <sup>1</sup> (reg.)	2,174	2,071	1,050
1960 <sup>1</sup>	2,180	2,078	1,049

<sup>1</sup> Based on a 50-percent sample of births.

Source: Department of Health, Education, and Welfare, Public Health Service; annual report, *Vital Statistics of the United States*.

## No. 53. LIVE BIRTHS AND CRUDE BIRTH RATE, BY STATES: 1940 TO 1961

[By place of residence. Data for 1940, 1950, and 1955 are adjusted for underregistration; beginning 1960, registered births only. Adjusted figures are shown to the last digit as computed, for convenience in summation; they are not assumed to be correct to the last digit.]

STATE	NUMBER					RATE <sup>3</sup>				
	1940	1950	1955	1960 <sup>1</sup>	1961 <sup>2</sup>	1940	1950	1955	1960 <sup>1</sup>	1961 <sup>2</sup>
United States <sup>4</sup> .....	2,558,647	3,681,512	4,104,112	4,257,850	4,282,000	19.4	24.1	25.0	23.7	<sup>5</sup> 23.4
New England.....	134,269	195,200	225,343	236,758	( <sup>6</sup> )	15.9	21.0	23.2	22.5	( <sup>6</sup> )
Maine.....	15,797	21,257	22,561	23,218	23,409	18.6	23.3	24.5	24.0	23.0
New Hampshire.....	8,447	11,545	12,509	13,844	13,823	17.2	21.7	22.6	22.8	21.5
Vermont.....	7,143	8,042	9,375	9,408	9,144	19.9	23.9	25.6	24.1	23.1
Massachusetts.....	60,231	96,485	110,486	115,124	( <sup>6</sup> )	15.3	20.6	22.9	22.4	( <sup>6</sup> )
Rhode Island.....	10,956	10,223	17,609	18,396	19,336	15.4	20.5	21.7	21.4	22.3
Connecticut.....	25,695	40,648	52,503	56,768	56,113	15.0	20.2	23.8	22.4	21.5
Middle Atlantic.....	429,577	623,467	709,506	733,294	734,057	15.6	20.7	22.1	21.5	21.1
New York.....	198,687	302,344	343,924	359,452	364,134	14.7	20.4	21.7	21.4	21.4
New Jersey.....	60,400	98,187	121,807	132,374	128,435	14.5	20.3	22.7	21.8	20.6
Pennsylvania.....	170,490	222,936	243,775	241,468	241,488	17.2	21.2	22.4	21.3	21.1
East North Central.....	469,997	719,549	847,357	877,300	863,699	17.7	23.7	25.1	24.2	23.5
Ohio.....	120,193	187,640	224,746	230,718	227,500	17.4	23.6	25.0	23.8	23.0
Indiana.....	63,779	94,448	100,472	112,722	111,370	18.6	24.0	25.3	24.2	23.6
Illinois.....	128,310	191,758	222,280	238,928	234,513	16.2	22.0	23.9	23.7	22.9
Michigan.....	101,206	162,715	198,205	195,336	192,134	19.3	25.5	26.0	25.0	24.2
Wisconsin.....	56,509	82,979	92,654	99,596	98,092	18.0	24.2	25.0	25.2	24.4
West North Central.....	248,261	337,615	364,460	368,888	368,418	18.4	24.0	24.5	24.0	23.6
Minnesota.....	53,263	75,427	81,778	87,594	85,938	19.1	25.3	25.7	25.7	24.8
Iowa.....	47,337	63,074	64,073	64,162	64,287	18.6	24.1	23.6	23.3	23.1
Missouri.....	68,220	87,694	95,113	97,926	102,044	18.0	22.2	22.7	22.7	23.3
North Dakota.....	13,883	17,138	17,269	16,626	16,345	21.6	27.7	27.0	26.3	25.5
South Dakota.....	12,629	18,074	18,795	17,620	17,578	19.6	27.7	27.6	25.9	25.5
Nebraska.....	22,711	31,953	34,349	34,262	33,990	17.3	24.1	24.7	24.3	23.8
Kansas.....	30,212	44,255	53,083	50,698	48,227	16.8	23.2	25.8	23.3	22.0
South Atlantic.....	430,363	557,786	624,300	628,716	637,304	24.1	26.3	26.6	24.2	24.0
Delaware.....	4,662	7,686	10,624	11,580	11,853	17.5	24.2	26.8	25.9	25.0
Maryland.....	33,347	54,733	68,284	77,350	69,607	18.3	23.4	24.6	24.9	21.8
Dist. of Columbia.....	11,506	20,072	21,200	19,872	33,866	17.4	25.0	25.3	26.0	44.5
Virginia.....	62,044	84,317	96,033	95,534	92,582	23.2	25.4	26.9	24.1	22.8
West Virginia.....	48,788	53,405	45,304	39,474	39,708	25.7	26.6	23.1	21.2	21.5
North Carolina.....	93,986	110,701	113,694	109,774	112,135	26.3	27.3	27.4	24.1	24.3
South Carolina.....	58,139	64,005	68,793	59,812	59,608	30.6	30.2	29.9	25.1	24.8
Georgia.....	80,136	96,533	104,414	99,750	101,922	25.7	28.0	26.6	25.8	25.6
Florida.....	37,755	66,334	90,954	115,670	116,023	19.9	23.9	24.9	23.3	22.2
East South Central.....	274,071	315,697	310,579	294,240	300,303	25.4	27.5	26.8	24.4	24.6
Kentucky.....	71,347	79,130	75,958	72,208	73,679	25.1	26.9	25.4	23.8	24.0
Tennessee.....	69,341	84,116	86,328	82,036	80,402	23.8	25.6	25.4	23.0	23.9
Alabama.....	74,251	86,100	83,907	80,846	80,252	26.2	28.1	27.2	24.7	24.3
Mississippi.....	59,132	66,342	64,386	59,150	59,970	27.1	30.4	30.6	27.2	27.1
West South Central.....	310,947	396,207	432,394	430,922	431,934	23.8	27.3	27.6	25.4	25.0
Arkansas.....	51,278	51,830	45,940	40,582	41,512	26.3	27.1	25.9	22.7	23.1
Louisiana.....	58,925	79,757	83,553	90,212	88,927	24.9	29.7	30.3	27.7	26.8
Oklahoma.....	52,835	62,089	51,174	50,986	50,064	22.6	23.3	23.4	21.9	21.2
Texas.....	147,909	212,531	246,727	240,142	251,431	23.1	27.6	28.1	26.0	25.7
Mountain.....	99,778	146,243	172,409	187,062	191,326	24.0	28.8	28.9	27.3	27.1
Montana.....	11,840	15,694	17,537	17,444	17,182	21.2	26.6	27.9	25.9	25.1
Idaho.....	12,396	16,232	17,166	17,176	16,711	23.6	27.6	28.2	25.7	24.4
Wyoming.....	5,441	7,699	8,678	8,512	8,476	21.7	26.5	27.0	25.8	25.1
Colorado.....	23,412	34,980	40,740	42,912	46,183	20.8	26.4	26.1	24.5	25.9
New Mexico.....	16,818	23,468	27,022	30,680	29,906	31.6	34.5	34.1	32.3	30.4
Arizona.....	13,804	23,013	29,700	36,760	37,550	27.6	30.7	28.8	28.2	27.0
Utah.....	13,851	21,426	25,144	26,308	27,309	25.2	31.1	31.5	20.5	29.8
Nevada.....	2,216	3,742	6,422	7,270	8,059	20.1	23.4	26.2	25.5	27.0
Pacific <sup>4</sup> .....	161,384	339,748	417,764	500,670	510,120	16.6	23.5	24.2	23.6	23.2
Washington.....	28,793	56,170	62,768	65,278	64,064	16.6	23.6	24.0	22.9	22.1
Oregon.....	18,108	36,423	39,095	38,414	37,602	16.6	23.9	23.1	21.7	20.9
California.....	114,483	247,146	315,901	372,210	388,448	16.6	23.3	24.4	23.7	23.4
Alaska.....	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	7,562	7,414	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	33.4	31.7
Hawaii.....	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	17,206	17,592	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	27.2	26.8

<sup>1</sup> Based on 50-percent sample of live births.

<sup>2</sup> Provisional. By place of occurrence.

<sup>3</sup> Rate per 1,000 population (excluding Armed Forces abroad) enumerated as of April 1 for 1940, 1950, and 1960, and estimated as of July 1 for other years.

<sup>4</sup> Beginning 1960, includes Alaska and Hawaii.

<sup>5</sup> Includes estimate for Massachusetts.

<sup>6</sup> Not available.

Source: Department of Health, Education, and Welfare, Public Health Service; annual report, *Vital Statistics of the United States, Vital Statistics—Special Reports, and Monthly Vital Statistics Report*.



# No. 54. REGISTERED LIVE BIRTHS, BY COLOR, FOR URBAN AND RURAL AREAS, BY STATES: 1959 AND 1960

[By place of residence. Based on a 50-percent sample. Prior to 1960, definitions of urban and rural based on Census of Population definition used prior to 1950; beginning 1960, see "Introduction" in 1960 annual report, *Vital Statistics of the United States*. Tests made in 1950 indicate that, for the country as a whole, errors in residence reporting result in a significant overstatement of births to residents of urban places, and a corresponding understatement in the number to residents of areas classified as rural.]

STATE	1959				1960			
	Urban		Rural		Urban		Rural	
	White	Non-white	White	Non-white	White	Non-white	White	Non-white
United States <sup>1</sup> .....	2,081,358	2,442,442	1,516,072	2,204,924	2,197,028	455,592	1,403,716	201,514
New England.....	(3)	(3)	(3)	(3)	144,216	8,288	83,450	804
Maine.....	9,276	108	13,560	144	8,378	185	14,530	172
New Hampshire.....	7,802	64	6,084	14	7,120	80	6,024	14
Vermont.....	4,020	26	5,406	0	3,540	6	5,852	4
Massachusetts.....	(3)	(3)	(3)	(3)	77,044	3,912	33,202	366
Rhode Island.....	13,950	996	3,978	92	13,130	956	4,522	88
Connecticut.....	31,594	2,848	22,048	130	34,302	3,496	18,720	160
Middle Atlantic.....	421,128	82,676	228,562	6,314	438,050	83,890	205,646	5,708
New York.....	214,558	43,028	90,772	2,502	212,734	43,932	100,132	2,804
New Jersey.....	79,314	14,934	34,353	2,250	92,348	15,872	22,414	1,740
Pennsylvania.....	120,956	24,114	94,432	1,502	132,918	24,086	83,100	1,364
East North Central.....	477,918	93,586	396,800	4,744	506,486	92,890	273,456	4,558
Ohio.....	121,810	28,482	86,500	1,486	126,314	22,700	80,192	1,452
Indiana.....	58,534	9,112	44,976	232	60,844	9,100	42,438	290
Illinois.....	142,400	37,126	59,390	1,292	150,848	37,252	49,842	986
Michigan.....	100,932	20,654	75,742	1,248	108,816	20,222	64,972	1,326
Wisconsin.....	54,742	3,212	40,192	486	59,604	3,466	35,962	504
West North Central.....	187,748	19,204	162,360	3,944	201,532	19,138	144,344	3,824
Minnesota.....	40,686	1,018	40,120	506	53,038	1,000	32,920	540
Iowa.....	33,168	930	30,464	48	34,222	944	28,940	50
Missouri.....	47,800	12,352	37,108	1,320	52,086	12,208	32,404	1,228
North Dakota.....	6,410	78	9,062	536	6,526	106	9,470	518
South Dakota.....	7,506	230	9,256	1,008	7,724	300	8,554	1,042
Nebraska.....	18,398	1,278	14,250	170	19,232	1,846	13,480	168
Kansas.....	27,720	3,312	21,200	206	28,724	3,144	18,568	272
South Atlantic.....	184,526	99,606	258,768	88,504	190,096	100,054	253,422	85,234
Delaware.....	2,278	1,080	7,284	1,100	2,250	1,072	7,196	1,062
Maryland.....	24,020	12,058	35,372	5,010	22,018	12,428	38,012	4,892
Dist. of Columbia.....	6,632	13,512	(4)	(4)	6,196	13,676	(4)	(4)
Virginia.....	32,158	12,330	30,800	12,438	33,172	11,874	38,542	11,940
West Virginia.....	14,970	1,030	25,086	1,190	24,684	22,880	1,060	1,060
North Carolina.....	26,244	13,140	48,946	22,654	29,464	13,250	45,794	21,266
South Carolina.....	11,620	7,282	22,920	18,448	11,870	7,298	22,714	17,930
Georgia.....	30,174	18,482	34,018	16,946	31,078	19,150	33,214	16,808
Florida.....	30,480	20,180	45,326	10,812	39,274	20,456	45,070	10,770
East South Central.....	85,114	41,560	126,030	47,346	88,294	42,262	119,462	44,222
Kentucky.....	23,730	4,422	42,624	2,074	24,290	4,864	41,670	1,884
Tennessee.....	24,818	12,310	40,254	6,270	25,412	12,416	38,452	5,766
Alabama.....	25,734	14,950	25,470	16,174	26,618	15,302	24,210	14,716
Mississippi.....	11,332	9,878	10,682	22,828	11,974	10,180	15,130	21,896
West South Central.....	231,062	58,506	109,506	33,206	235,768	58,488	104,060	32,606
Arkansas.....	12,644	5,248	15,834	6,902	13,342	5,466	15,024	6,750
Louisiana.....	29,608	20,502	25,688	15,170	30,576	20,686	24,716	14,234
Oklahoma.....	20,056	4,642	15,200	2,456	30,054	4,674	13,856	2,402
Texas.....	159,764	28,114	52,784	8,588	161,796	27,662	50,464	9,220
Mountain.....	96,136	4,772	72,856	8,940	109,818	5,596	63,298	8,440
Montana.....	8,158	254	8,326	928	8,500	272	7,668	1,004
Idaho.....	8,822	98	8,074	194	9,184	140	7,662	100
Wyoming.....	4,858	98	3,104	152	4,944	134	3,280	154
Colorado.....	23,980	1,426	16,368	250	26,206	1,404	15,114	188
New Mexico.....	17,474	734	9,578	2,384	18,410	1,002	8,988	2,274
Arizona.....	14,456	1,200	14,552	4,432	21,996	1,622	8,990	4,082
Utah.....	14,462	284	10,614	348	16,044	260	9,708	206
Nevada.....	3,926	628	2,240	252	4,528	602	1,798	252
Pacific <sup>1</sup> .....	249,532	35,034	172,086	11,124	252,808	45,076	156,668	16,118
Washington.....	31,738	2,470	30,380	1,156	33,286	2,440	28,424	1,128
Oregon.....	22,072	612	13,886	276	16,710	920	20,368	416
California.....	194,340	31,260	125,600	7,888	228,754	34,670	101,418	7,368
Alaska.....	1,382	392	2,714	1,804	1,948	538	3,254	1,822
Hawaii.....	(3)	(3)	(3)	(3)	2,110	6,508	3,204	5,884

<sup>1</sup> Includes Alaska, and beginning 1960, Hawaii.

<sup>2</sup> Includes estimates for Massachusetts. <sup>3</sup> Not available. <sup>4</sup> No rural area.

Source: Department of Health, Education, and Welfare, Public Health Service; annual report, *Vital Statistics of the United States*.

## No. 55. LIVE BIRTHS BY ATTENDANT: 1935 TO 1960

[In thousands. Beginning 1959, includes Alaska, and 1960, Hawaii. For total estimated births, see table 50]

YEAR	Total	ATTENDED BY—		
		Physician, in hospital <sup>1</sup>	Physician, not in hospital	Midwife, other, and not specified
1935.....	2,155	796	1,090	270
1940.....	2,360	1,317	825	218
1941.....	2,513	1,533	760	216
1942.....	2,809	1,907	604	208
1943.....	2,935	2,116	610	204
1944.....	2,705	2,113	493	198
1945.....	2,735	2,156	403	177
1946.....	3,289	2,708	403	178
1947.....	3,760	3,137	375	168
1948.....	3,635	3,025	323	186
1949.....	3,690	3,087	290	182
1950.....	3,654	3,126	252	177
1951 <sup>2</sup> .....	3,751	3,377	205	169
1952 <sup>2</sup> .....	3,847	3,520	162	165
1953 <sup>2</sup> .....	3,902	3,621	136	145
1954 <sup>2</sup> .....	4,017	3,760	118	139
1955.....	4,047	3,819	101	128
1956 <sup>2</sup> .....	4,103	3,950	85	118
1957 <sup>2</sup> .....	4,255	4,070	75	109
1958 <sup>2</sup> .....	4,204	4,037	65	103
1959 <sup>2</sup> .....	4,245	4,091	53	98
1960 <sup>2</sup> .....	4,258	4,114	49	94

<sup>1</sup> It is assumed that all births in hospitals or institutions are attended by physicians.<sup>2</sup> Based on a 60-percent sample.Source: Department of Health, Education, and Welfare, Public Health Service; annual report, *Vital Statistics of the United States*.

## No. 56. LIVE BIRTH RATE, BY COLOR AND AGE OF MOTHER: 1940 TO 1960

[Beginning 1959, includes Alaska, and 1960, Hawaii. Data for 1940 to 1958 are adjusted for underregistration; 1959 data are shown for both registered and adjusted births; beginning 1960, registered births only. Births per 1,000 female population in each specified group, enumerated as of April 1 for 1940, 1950, and 1960, and estimated as of July 1 for other years. See also *Historical Statistics, Colonial Times to 1957*, series B 22-23]

YEAR	15 TO 44 YEARS <sup>1</sup>			AGE OF MOTHER							
	Total	White	Non-white	10 to 14 years	15 to 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years <sup>2</sup>
1940.....	79.9	77.1	102.4	0.7	54.1	135.6	122.8	83.4	40.3	15.6	1.0
1945.....	85.9	83.4	103.0	0.8	51.1	138.9	132.2	100.2	56.9	16.8	1.6
1950.....	106.2	102.3	137.3	1.0	81.6	196.6	166.1	103.7	62.9	16.1	1.2
1951 <sup>3</sup> .....	111.3	107.4	141.9	1.0	86.9	212.0	174.2	108.3	54.1	15.3	1.2
1952 <sup>3</sup> .....	113.5	109.8	143.1	0.9	85.4	218.1	180.4	113.1	56.1	15.3	1.2
1953 <sup>3</sup> .....	114.7	110.6	147.0	0.9	87.5	224.5	183.8	113.0	57.3	15.8	1.1
1954 <sup>3</sup> .....	117.6	113.1	152.0	1.0	89.8	235.6	188.5	116.4	58.8	15.8	1.1
1955.....	118.0	113.2	155.1	0.9	89.7	240.4	190.8	115.8	59.5	15.7	1.1
1959 <sup>3</sup> .....	120.8	115.6	161.0	1.0	94.2	251.3	195.5	116.4	60.3	15.9	1.0
1957 <sup>3</sup> .....	122.7	117.4	163.4	1.0	96.1	257.6	200.5	118.0	60.8	16.0	1.0
1958 <sup>3</sup> .....	120.1	114.8	161.2	0.9	91.6	255.1	198.9	116.3	58.6	15.6	1.0
1959 <sup>3</sup> (adj.).....	120.2	114.6	163.0	0.9	90.9	255.4	200.6	116.1	58.5	15.7	1.0
1959 <sup>3</sup> (reg.).....	118.8	113.8	156.9	0.8	89.5	253.8	198.7	114.8	57.5	15.4	0.9
1960 <sup>3</sup> .....	118.0	113.2	153.6	0.8	89.1	258.1	197.4	112.7	56.2	15.5	0.9

<sup>1</sup> Rates computed by relating total births, regardless of age of mother, to female population aged 15 to 44 years.<sup>2</sup> Rates computed by relating births to mothers aged 45 years and over to female population aged 45 to 49 years.<sup>3</sup> Based on a 60-percent sample.Source: Department of Health, Education, and Welfare, Public Health Service; annual report, *Vital Statistics of the United States*.

# No. 57. LIVE BIRTH RATE, BY ORDER OF BIRTH, FOR NATIVE WHITE WOMEN: 1930 TO 1959

[Beginning 1959, includes Alaska. Births per 1,000 women 15 to 44 years old. Data for 1940 to 1958 are adjusted for underregistration; 1959 data are shown for both registered and adjusted births. Includes adjustments for States not in the birth-registration area prior to 1930. Figures for births of order not stated are distributed. Estimates and population bases for 1930 (as of July 1) prepared by P. K. Whelpton. For 1940 and 1950 based on enumerated population as of April 1; for 1945, estimated as of April 1; and for 1955 to 1959, estimated as of July 1. See also *Historical Statistics, Colonial Times to 1957*, series B 10-18.]

ORDER OF BIRTH	1930	1940	1945	1950	1955	1956 <sup>1</sup>	1957 <sup>1</sup>	1958 <sup>1</sup>	1959 <sup>1</sup> (adj)	1959 <sup>1</sup> (reg)
Total.....	86	78	85	103	114	116	118	115	115	114
First birth.....	29	30	30	34	33	33	33	32	31	31
Second birth.....	20	20	24	32	32	32	32	31	30	30
Third birth.....	12	11	13	18	23	23	24	23	23	23
Fourth birth.....	8	6	7	8	13	13	14	14	14	14
Fifth birth.....	6	4	4	4	6	7	7	7	7	7
Sixth birth.....	4	2	2	2	3	3	4	4	4	4
Seventh birth.....	3	2	2	1	2	2	2	2	2	2
Eighth birth and over.....	5	3	3	2	2	3	3	3	3	3

<sup>1</sup> Based on a 50-percent sample.

Source: Department of Health, Education, and Welfare, Public Health Service; annual report, *Vital Statistics of the United States*.

# No. 58. ILLEGITIMATE LIVE BIRTHS, BY AGE AND COLOR OF MOTHER: 1940 TO 1960

[Beginning 1959, includes Alaska. Includes estimates for States in which legitimacy data were not reported. No estimates included for misstatements on birth records or failures to register births. Figures for 1958 to 1960 based on 50-percent sample of live births in the reporting States.]

AGE AND COLOR	1940	1945	1950	1955	1958	1959	1960
Total.....	89,500	117,400	141,600	183,300	208,700	220,600	224,300
Rate <sup>1</sup> .....	7.1	10.1	14.1	10.3	21.0	22.1	( <sup>2</sup> )
By age of mother:							
Under 15 years.....	2,100	2,500	3,200	3,600	4,400	4,600	4,600
15 to 19 years.....	40,500	49,200	56,000	68,900	79,400	84,500	87,100
20 to 24 years.....	27,200	39,300	43,100	55,700	62,800	67,300	68,000
25 to 29 years.....	10,500	14,100	20,900	28,000	30,800	32,000	32,100
30 to 34 years.....	5,200	7,100	10,800	16,100	18,700	19,000	18,900
35 to 39 years.....	3,000	4,000	6,000	8,300	9,900	10,500	10,600
40 and over.....	1,000	1,200	1,700	2,400	2,700	2,800	3,000
By color of mother:							
White.....	40,300	56,400	53,500	64,200	74,600	79,600	82,500
Nonwhite.....	49,200	60,900	88,100	119,200	134,100	141,100	141,800

<sup>1</sup> Rate per 1,000 unmarried (never married, widowed, and divorced) female population aged 15 to 44 years enumerated as of April 1 for 1940 and 1950 and estimated as of July 1 for all other years.

<sup>2</sup> Not available.

Source: Department of Health, Education, and Welfare, Public Health Service.

**No. 59. NUMBER OF CHILDREN EVER BORN PER 1,000 WOMEN, BY MARITAL STATUS, BY SELECTED CHARACTERISTICS: 1957 AND 1959**

[As of March 1957 and August 1959. Excludes Alaska and Hawaii. Total population, 1957, and noninstitutional population, 1959. Statistics based on Current Population Survey; see Technical Note, p. 213]

CHARACTERISTIC	WOMEN 15 TO 44 YEARS OLD				WOMEN 45 YEARS OLD AND OVER		
	Number of women (1,000)	Children ever born			Number of women (1,000)	Children ever born	
		Number (1,000)	Per 1,000 women	Per 1,000 women, standardized for age <sup>1</sup>		Number (1,000)	Per 1,000 women
WOMEN EVER MARRIED, 1957							
Years of school completed.....	26,756	59,349	2,218	2,188	23,620	66,082	2,798
Elementary: Less than 8 years.....	2,850	9,189	3,224	3,118	7,005	20,313	3,755
8 years.....	2,837	7,243	2,553	2,465	5,588	15,711	2,812
High school: 1 to 3 years.....	6,234	14,284	2,291	2,347	3,716	9,209	2,502
4 years.....	11,132	21,874	1,965	1,940	4,349	9,048	2,080
College: 1 to 3 years.....	2,170	4,052	1,867	1,812	1,491	2,882	1,938
4 years or more.....	1,362	2,425	1,780	1,592	955	1,482	1,552
School years not reported.....	171	282	1,640	( <sup>2</sup> )	516	1,347	2,610
Religion.....	26,756	59,349	2,218	2,188	23,620	66,082	2,798
Protestant.....	18,159	40,308	2,220	2,206	16,560	45,558	2,753
Baptist.....	6,020	14,202	2,359	2,381	4,224	13,835	3,276
Lutheran.....	1,762	3,547	2,013	1,967	1,870	4,455	2,882
Methodist.....	3,068	7,903	2,155	2,115	3,795	10,013	2,638
Presbyterian.....	1,495	2,992	2,001	1,922	1,445	3,161	2,188
Other Protestant.....	5,214	11,664	2,237	2,234	5,216	14,094	2,702
Roman Catholic.....	6,999	15,973	2,282	2,210	5,319	16,255	3,056
Jewish.....	746	1,305	1,749	( <sup>2</sup> )	905	2,007	2,218
Other, none, and not reported.....	852	1,763	2,009	2,075	846	2,262	2,674
WOMEN MARRIED AND HUSBAND PRESENT, 1957							
Income of husband in 1956 (percent).....	100.0	100.0	2,350	2,320	100.0	100.0	2,866
Under \$1,300.....	4.8	5.9	2,857	2,834	18.8	22.5	3,829
\$1,000 to \$1,999.....	6.9	7.8	2,671	2,868	14.0	16.7	3,414
\$2,000 to \$2,999.....	11.1	11.0	2,330	2,457	12.9	13.7	3,044
\$3,000 to \$3,999.....	17.0	16.4	2,267	2,343	13.2	12.8	2,704
\$4,000 to \$4,999.....	20.4	19.4	2,232	2,199	13.7	11.5	2,403
\$5,000 to \$9,999.....	25.6	25.2	2,306	2,205	16.0	12.9	2,900
\$7,000 and over.....	14.2	14.4	2,348	2,141	18.3	9.9	2,134
Major occupation group of employed civilian husband.....	22,133	51,849	2,343	2,298	11,326	30,674	2,708
Professional, technical, and kindred workers.....	2,372	4,734	1,996	1,921	926	1,767	1,908
Farmers and farm managers.....	1,224	3,854	3,149	3,003	1,367	5,608	4,029
Managers, officials, and proprietors, exc. farm.....	2,018	6,446	2,209	2,070	2,145	4,875	2,273
Clerical and kindred workers.....	1,436	2,706	1,884	1,903	671	1,523	2,270
Sales workers.....	1,311	2,696	2,056	2,015	547	1,143	2,090
Craftsmen, foremen, and kindred workers.....	4,883	11,393	2,333	2,267	2,304	5,007	2,564
Operatives and kindred workers.....	5,076	12,294	2,422	2,440	1,720	4,825	2,791
Service workers, incl. private household.....	983	2,238	2,277	2,217	846	2,285	2,701
Farm laborers and foremen.....	347	1,204	3,720	( <sup>2</sup> )	142	675	( <sup>3</sup> )
Laborers, exc. farm and mine.....	1,583	4,194	2,649	2,680	649	2,166	3,337
WOMEN EVER MARRIED, 1959							
Color.....	27,122	62,489	2,304	2,286	24,515	67,627	2,759
White.....	24,165	54,396	2,251	2,229	22,371	61,257	2,738
Nonwhite.....	2,957	8,091	2,736	2,741	2,144	6,370	2,971
Residence.....	27,122	62,489	2,304	2,286	24,515	67,627	2,759
Urban.....	16,000	34,722	2,170	2,147	15,958	39,054	2,447
In urbanized areas.....	( <sup>4</sup> )	( <sup>4</sup> )	2,098	2,090	( <sup>4</sup> )	( <sup>4</sup> )	2,306
Areas of 3,000,000 or more.....	( <sup>4</sup> )	( <sup>4</sup> )	2,002	1,952	( <sup>4</sup> )	( <sup>4</sup> )	2,154
Areas of 1,000,000 to 3,000,000.....	( <sup>4</sup> )	( <sup>4</sup> )	2,176	2,114	( <sup>4</sup> )	( <sup>4</sup> )	2,324
Areas of 250,000 to 1,000,000.....	( <sup>4</sup> )	( <sup>4</sup> )	2,124	2,140	( <sup>4</sup> )	( <sup>4</sup> )	2,303
Areas of less than 250,000.....	( <sup>4</sup> )	( <sup>4</sup> )	2,126	2,126	( <sup>4</sup> )	( <sup>4</sup> )	2,551
Other urban areas.....	( <sup>4</sup> )	( <sup>4</sup> )	2,369	2,369	( <sup>4</sup> )	( <sup>4</sup> )	2,806
Places of 25,000 or more.....	( <sup>4</sup> )	( <sup>4</sup> )	2,307	2,281	( <sup>4</sup> )	( <sup>4</sup> )	2,509
Places of 2,500 to 25,000.....	( <sup>4</sup> )	( <sup>4</sup> )	2,391	2,402	( <sup>4</sup> )	( <sup>4</sup> )	2,912
Rural nonfarm.....	8,527	20,079	2,355	2,346	5,724	17,807	3,111
Rural farm.....	2,695	7,687	2,962	2,939	2,833	10,766	3,800
Labor force status.....	27,122	62,489	2,304	2,286	24,515	67,627	2,759
Labor force.....	9,424	17,555	1,893	1,895	7,570	16,885	2,231
Not in labor force.....	17,698	44,934	2,539	2,534	16,945	50,742	2,995

<sup>1</sup> Standard is the distribution by age of all women of corresponding marital status in the United States in 1950.

<sup>2</sup> Standardized rate not computed where there are fewer than 150,000 women in several component 5-year age groups.

<sup>3</sup> Rate not shown where base is less than 150,000. <sup>4</sup> Not available.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 84, and records.

# No. 60. NUMBER OF CHILDREN EVER BORN PER 1,000 WOMEN 35 TO 44 YEARS OLD, BY MARITAL STATUS, BY STATES: 1960

[Based on 25-percent sample. Rates based on unrounded numbers]

STATE	WHITE					NONWHITE				
	Total women (1,000)	Women ever married (1,000)	Children ever born			Total women (1,000)	Women ever married (1,000)	Children ever born		
			Number (1,000)	Per 1,000 total women	Per 1,000 women ever married			Number (1,000)	Per 1,000 total women	Per 1,000 women ever married
United States.....	11,007	10,352	26,654	2,422	2,575	1,329	1,236	3,791	2,852	3,067
New England.....	721	655	1,665	2,309	2,542	18	16	40	2,250	2,483
Maine.....	59	55	162	2,740	2,938	---	---	1	2,422	2,659
New Hampshire.....	39	30	96	2,440	2,043	---	---	---	(1)	(1)
Vermont.....	24	22	66	2,700	2,060	---	---	---	(1)	(1)
Massachusetts.....	352	314	802	2,281	2,553	9	8	10	2,184	2,458
Rhode Island.....	61	55	134	2,205	2,432	1	1	4	3,045	3,285
Connecticut.....	186	172	404	2,169	2,353	8	7	17	2,193	2,382
Middle Atlantic.....	2,321	2,121	5,005	2,156	2,359	229	204	462	2,022	2,265
New York.....	1,108	1,003	2,331	2,104	2,323	120	111	235	1,859	2,117
New Jersey.....	437	405	913	2,090	2,256	38	35	83	2,213	2,412
Pennsylvania.....	777	713	1,760	2,267	2,460	64	58	144	2,229	2,462
East North Central.....	2,278	2,148	5,644	2,478	2,628	209	198	497	2,379	2,514
Ohio.....	620	585	1,619	2,440	2,596	56	53	130	2,323	2,450
Indiana.....	293	280	742	2,536	2,653	18	17	46	2,629	2,660
Illinois.....	634	591	1,443	2,276	2,443	75	71	176	2,381	2,452
Michigan.....	486	462	1,271	2,618	2,748	55	52	131	2,407	2,521
Wisconsin.....	245	230	669	2,734	2,914	5	5	14	2,874	3,005
West North Central.....	917	868	2,444	2,665	2,815	40	37	111	2,780	2,964
Minnesota.....	206	193	588	2,861	3,049	2	2	7	3,147	3,307
Iowa.....	169	160	458	2,710	2,854	2	2	5	2,685	2,672
Missouri.....	265	240	613	2,406	2,562	26	24	66	2,565	2,733
North Dakota.....	85	33	113	3,248	3,428	1	1	3	5,591	5,934
South Dakota.....	38	36	114	3,039	3,183	1	1	6	4,772	4,977
Nebraska.....	83	79	222	2,667	2,812	2	2	6	2,914	3,050
Kansas.....	132	127	336	2,537	2,645	6	5	16	2,825	3,005
South Atlantic.....	1,415	1,343	3,404	2,406	2,535	369	340	1,162	3,151	3,414
Delaware.....	28	27	65	2,283	2,426	4	4	10	2,407	2,629
Maryland.....	109	189	453	2,282	2,404	30	32	90	2,782	2,784
Dist. of Columbia.....	24	18	31	1,273	1,730	33	30	69	2,048	2,268
Virginia.....	227	215	534	2,357	2,485	62	48	150	2,870	3,130
West Virginia.....	119	113	333	2,792	2,902	5	5	18	3,275	3,545
North Carolina.....	236	224	585	2,482	2,615	69	63	239	3,468	3,703
South Carolina.....	108	102	274	2,542	2,671	47	43	184	3,952	4,300
Georgia.....	195	186	498	2,560	2,674	67	63	240	3,579	3,817
Florida.....	280	270	632	2,264	2,337	55	53	163	2,947	3,103
East South Central.....	619	539	1,661	2,685	2,819	150	141	553	3,682	3,932
Kentucky.....	178	169	516	2,900	3,050	13	12	34	2,557	2,826
Tennessee.....	205	194	517	2,527	2,662	35	33	104	2,932	3,134
Alabama.....	166	149	410	2,635	2,751	56	52	207	3,724	3,996
Mississippi.....	81	77	218	2,766	2,822	46	44	208	4,544	4,773
West South Central.....	924	887	2,410	2,608	2,716	164	156	562	3,424	3,605
Arkansas.....	89	86	248	2,780	2,888	20	19	88	4,340	4,524
Louisiana.....	148	141	398	2,692	2,824	58	54	221	3,793	4,055
Oklahoma.....	135	131	339	2,503	2,594	12	11	42	3,476	3,664
Texas.....	552	530	1,425	2,582	2,680	74	71	211	2,871	2,996
Mountain.....	425	411	1,203	2,828	2,924	18	17	66	3,722	3,893
Montana.....	41	40	118	2,855	2,930	1	1	5	4,577	4,728
Idaho.....	41	40	129	3,118	3,179	1	1	2	3,435	3,602
Wyoming.....	21	20	58	2,794	2,853	---	---	1	3,943	4,083
Colorado.....	113	108	295	2,599	2,717	4	3	8	2,321	2,439
New Mexico.....	55	55	169	3,061	3,174	3	3	15	4,216	4,479
Arizona.....	81	79	218	2,671	2,766	7	6	28	4,319	4,493
Utah.....	52	50	172	3,394	3,451	1	1	3	3,569	3,673
Nevada.....	20	20	44	2,186	2,240	1	1	3	2,533	2,632
Pacific.....	1,366	1,328	3,218	2,321	2,422	133	126	337	2,537	2,663
Washington.....	187	181	474	2,535	2,624	7	6	17	2,656	2,745
Oregon.....	117	113	300	2,574	2,656	2	2	7	2,724	2,870
California.....	1,058	1,011	2,384	2,254	2,359	92	88	213	2,314	2,424
Alaska.....	12	11	27	2,380	2,397	2	2	11	4,837	4,943
Hawaii.....	13	13	32	2,440	2,579	---	---	89	3,012	3,203

<sup>1</sup> Rate not shown where base is less than 200.

Source: Department of Commerce, Bureau of the Census; 1960 Census of Population, Series PC (1)-C.

### No. 61. NUMBER OF CHILDREN EVER BORN PER 1,000 WOMEN EVER MARRIED, BY AGE OF WOMAN: 1910 TO 1959

[As of April, 1910 to 1954; March 1957; and August 1959. Excludes Alaska and Hawaii. Total population, 1910 to 1957, and noninstitutional population, 1959. Statistics for 1910 to 1950 based on sample, see source; statistics for 1954 to 1959 based on Current Population Survey; see Technical Note, p. 213]

AGE OF WOMAN (IN YEARS)	PERCENT CHILDLESS AMONG WOMEN EVER MARRIED						CHILDREN EVER BORN PER 1,000 WOMEN EVER MARRIED					
	1910	1940	1950	1954	1957	1959	1910	1940	1950	1954	1957	1959
15 to 44.....	16.2	26.5	22.8	18.1	15.9	14.8	2,866	1,904	1,859	2,037	2,218	2,304
15 to 19.....	42.7	54.6	52.8	47.0	47.9	47.4	725	872	604	667	872	716
20 to 24.....	24.2	39.9	33.3	24.3	26.9	23.7	1,407	987	1,082	1,337	1,368	1,443
25 to 29.....	17.2	30.1	21.1	16.9	13.1	13.0	2,180	1,463	1,654	1,930	2,139	2,255
30 to 34.....	13.7	23.3	17.3	13.4	11.3	9.8	2,956	1,964	2,059	2,247	2,425	2,601
35 to 39.....	11.6	19.9	19.1	15.9	12.3	10.6	3,781	2,414	2,247	2,334	2,612	2,677
40 to 44.....	10.4	17.4	20.0	17.8	14.1	13.5	4,883	2,764	2,364	2,335	2,514	2,569
45 to 49.....	9.5	16.8	20.4	19.0	17.7	18.1	4,744	2,998	2,492	2,436	2,401	2,366
50 and over.....	18.7	10.6	18.1	15.9	17.8	18.6	1,507 <sup>1</sup>	3,215	2,822	3,135	2,903	2,804

<sup>1</sup> For women 50 to 59 years old.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1940, Fertility for States and Large Cities*, and *Current Population Reports*, Series P-20.

### No. 62. PLURAL BIRTHS, BY AGE AND COLOR OF MOTHER: 1950-58

[Excludes Alaska and Hawaii. Covers confinements in which at least one infant was born alive. For 1951-54 and 1956-58, cases of single birth confinements and cases of twin birth confinements in which only 1 child was born alive are based on a 50-percent sample; for 1950 and 1955, based on a complete count. All other plural birth confinements based on a total count]

AGE AND COLOR	Confinements	CASES OF PLURAL BIRTHS PER MILLION CONFINEMENTS			
		Total	Twins	Triplets	Quadruplets
Total mothers.....	35,377,025	10,639	10,545	94	1.2
AGE					
Under 20 years.....	4,370,265	6,305	6,271	35	0.2
20 to 24 years.....	11,254,904	8,598	8,536	62	0.4
25 to 29 years.....	9,824,845	11,183	11,084	98	1.1
30 to 34 years.....	6,134,681	13,831	13,691	138	2.3
35 to 39 years.....	2,958,630	15,920	15,731	186	3.4
40 to 44 years.....	751,298	12,695	12,564	130	1.3
45 years and over.....	45,376	7,273	7,251	22	0
Not stated.....	37,017	10,185	9,833	351	0
COLOR					
White.....	30,323,133	10,148	10,062	85	1.0
Nonwhite.....	5,053,892	13,588	13,442	143	2.2

Source: Department of Health, Education, and Welfare, Public Health Service; annual report, *Vital Statistics of the United States*.

### No. 63. EXPECTATION OF LIFE AT BIRTH: 1920 TO 1959

[In years. Beginning 1959, includes Alaska. Data prior to 1933 for death-registration States only; see text, p. 49. See also *Historical Statistics, Colonial Times to 1897*, series B 92-100]

YEAR	TOTAL			WHITE			NONWHITE		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	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.....	69.5	66.6	72.7	70.2	67.3	73.6	63.2	61.2	65.9
1957.....	69.3	66.3	72.5	70.0	67.1	73.5	62.7	60.3	65.2
1958.....	69.4	66.4	72.7	70.3	67.2	73.7	63.0	60.6	65.5
1959.....	69.7	66.5	73.0	70.5	67.3	73.9	63.5	60.9	66.2

Source: Department of Health, Education, and Welfare, Public Health Service; annual report, *Vital Statistics of the United States*.

# Expectation of Life

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No. 64. EXPECTATION OF LIFE AND MORTALITY RATE AT SINGLE YEARS OF AGE, BY COLOR AND SEX: 1959

[Includes Alaska]

AGE (years)	EXPECTATION OF LIFE IN YEARS					MORTALITY RATE PER 1,000				
	Total	White		Nonwhite		Total	White		Nonwhite	
		Male	Female	Male	Female		Male	Female	Male	Female
0.....	69.7	67.3	73.9	60.9	66.2	26.4	26.3	20.0	48.4	40.1
1.....	70.5	68.2	74.4	63.0	68.0	1.7	1.5	1.3	3.6	3.0
2.....	69.7	67.3	73.5	62.3	67.2	1.0	1.0	0.8	2.0	1.6
3.....	68.7	66.3	72.6	61.4	66.3	0.8	0.8	0.6	1.3	1.1
4.....	67.8	65.4	71.6	60.5	65.4	0.7	0.7	0.6	1.0	0.9
5.....	66.8	64.4	70.7	59.5	64.4	0.6	0.6	0.5	0.9	0.8
6.....	65.9	63.5	69.7	58.6	63.5	0.5	0.6	0.4	0.8	0.7
7.....	64.9	62.5	68.7	57.6	62.5	0.5	0.5	0.4	0.7	0.6
8.....	63.9	61.5	67.8	56.7	61.5	0.4	0.5	0.3	0.6	0.5
9.....	63.0	60.6	66.8	55.7	60.6	0.4	0.5	0.3	0.6	0.4
10.....	62.0	59.6	65.8	54.7	59.6	0.4	0.4	0.3	0.6	0.4
11.....	61.0	58.6	64.8	53.8	58.6	0.4	0.4	0.3	0.6	0.4
12.....	60.0	57.6	63.8	52.8	57.6	0.4	0.5	0.3	0.7	0.4
13.....	59.1	56.7	62.9	51.8	56.7	0.5	0.6	0.3	0.9	0.5
14.....	58.1	55.7	61.9	50.9	55.7	0.6	0.8	0.4	1.1	0.6
15.....	57.1	54.7	60.9	49.9	54.7	0.7	1.0	0.4	1.3	0.7
16.....	56.2	53.8	59.0	49.0	53.8	0.8	1.1	0.5	1.5	0.8
17.....	55.2	52.9	58.0	48.1	52.8	0.9	1.3	0.5	1.7	0.9
18.....	54.3	51.9	56.0	47.1	51.9	1.0	1.4	0.5	1.9	1.0
19.....	53.3	51.0	55.0	46.2	50.9	1.1	1.5	0.6	2.0	1.1
20.....	52.4	50.1	54.0	45.3	50.0	1.1	1.6	0.6	2.2	1.2
21.....	51.4	49.1	53.1	44.4	49.0	1.2	1.7	0.6	2.3	1.3
22.....	50.5	48.2	52.1	43.5	48.1	1.2	1.7	0.6	2.6	1.4
23.....	49.6	47.3	51.1	42.6	47.2	1.3	1.7	0.6	2.7	1.5
24.....	48.6	46.4	50.2	41.7	46.2	1.3	1.6	0.6	2.9	1.6
25.....	47.7	45.5	49.2	40.9	45.3	1.2	1.5	0.7	3.1	1.7
26.....	46.7	44.5	48.2	40.0	44.4	1.2	1.5	0.7	3.3	1.8
27.....	45.8	43.6	47.3	39.1	43.5	1.3	1.4	0.7	3.5	2.0
28.....	44.9	42.7	46.3	38.2	42.5	1.3	1.5	0.8	3.7	2.2
29.....	43.9	41.7	45.3	37.4	41.6	1.4	1.5	0.8	3.9	2.4
30.....	43.0	40.8	44.4	36.5	40.7	1.5	1.6	0.9	4.1	2.6
31.....	42.0	39.8	43.4	35.7	39.8	1.6	1.7	0.9	4.3	2.9
32.....	41.1	38.9	42.5	34.8	39.0	1.7	1.8	1.0	4.5	3.1
33.....	40.2	38.0	41.5	34.0	38.1	1.8	1.9	1.1	4.8	3.4
34.....	39.2	37.0	40.6	33.1	37.2	1.9	2.0	1.2	5.1	3.7
35.....	38.3	36.1	39.6	32.3	36.3	2.0	2.1	1.2	5.4	4.0
36.....	37.4	35.2	38.7	31.5	35.5	2.1	2.3	1.3	5.8	4.3
37.....	36.5	34.3	37.7	30.7	34.6	2.3	2.5	1.4	6.2	4.6
38.....	35.5	33.4	36.8	29.9	33.8	2.5	2.7	1.6	6.7	5.0
39.....	34.6	32.4	35.8	29.1	33.0	2.7	3.0	1.7	7.2	5.3
40.....	33.7	31.5	34.9	28.3	32.1	3.0	3.3	1.9	7.8	5.7
41.....	32.8	30.7	34.0	27.5	31.3	3.3	3.7	2.1	8.4	6.2
42.....	31.9	29.8	33.0	26.7	30.5	3.6	4.1	2.3	9.1	6.6
43.....	31.1	28.9	32.1	25.9	29.7	4.0	4.6	2.5	9.7	6.9
44.....	30.2	28.0	31.2	25.2	28.9	4.3	5.0	2.7	10.3	7.2
45.....	29.3	27.2	30.3	24.5	28.1	4.7	5.6	3.0	10.9	7.7
46.....	28.4	26.3	29.4	23.7	27.3	5.2	6.2	3.2	11.7	8.2
47.....	27.6	25.5	28.5	23.0	26.6	5.7	6.8	3.6	12.5	8.7
48.....	26.7	24.6	27.6	22.3	25.8	6.3	7.6	3.8	13.4	9.5
49.....	25.9	23.8	26.7	21.6	25.0	6.9	8.5	4.2	14.4	10.4
50.....	25.1	23.0	25.8	20.9	24.3	7.6	9.4	4.6	15.4	11.4
51.....	24.3	22.2	25.0	20.2	23.6	8.3	10.4	5.0	16.6	12.4
52.....	23.5	21.5	24.1	19.5	22.9	9.1	11.5	5.4	17.9	13.5
53.....	22.7	20.7	23.2	18.9	22.2	9.9	12.5	5.9	19.5	14.8
54.....	21.9	20.0	22.4	18.2	21.5	10.8	13.7	6.4	21.4	16.2
55.....	21.1	19.2	21.5	17.6	20.8	11.8	15.0	7.0	23.5	17.8
56.....	20.4	18.5	20.7	17.1	20.2	12.8	16.3	7.6	25.7	19.4
57.....	19.6	17.8	20.0	16.5	19.6	13.9	17.7	8.3	27.7	20.9
58.....	18.9	17.1	19.3	15.9	19.0	15.0	19.2	9.0	29.3	22.2
59.....	18.2	16.5	18.6	15.4	18.4	16.1	20.7	9.8	30.8	23.2
60.....	17.5	15.8	17.9	14.9	17.8	17.3	22.4	10.7	32.1	24.2
61.....	16.8	15.2	17.2	14.4	17.3	18.6	24.1	11.6	33.6	25.3
62.....	16.1	14.5	16.5	13.9	16.7	20.2	26.2	12.9	36.0	27.1
63.....	15.4	13.9	15.8	13.4	16.2	22.8	28.8	14.4	39.9	29.7
64.....	14.7	13.3	15.1	12.9	15.7	24.7	31.7	16.3	45.0	33.1
65.....	14.1	12.7	14.5	12.5	15.2	27.4	34.8	18.3	50.0	36.8
66.....	13.5	12.2	14.0	12.1	14.7	30.1	38.1	20.4	56.9	40.5
67.....	12.9	11.6	13.4	(1)	(1)	33.0	41.6	22.7	(1)	(1)
68.....	12.3	11.1	13.0	(1)	(1)	36.0	45.1	25.2	(1)	(1)
69.....	11.7	10.6	12.4	(1)	(1)	39.1	48.6	28.0	(1)	(1)

<sup>1</sup> Not shown because of deficiencies in basic data.

Source: Metropolitan Life Insurance Company, New York, N.Y., *Statistical Bulletin*, August 1961; based on Department of Health, Education, and Welfare, Public Health Service; *Vital Statistics of the United States, 1960* Section 5.

## NO. 65. SELECTED LIFE TABLE VALUES: 1900 TO 1959

[Beginning 1959, includes Alaska. Data prior to 1933 for death-registration States only; see text p. 49. See also *Historical Statistics, Colonial Times to 1957*, series B 76-83 and B 92-100]

COLOR AND PERIOD	AT BIRTH		AGE 20		AGE 40		AGE 65	
	Male	Female	Male	Female	Male	Female	Male	Female
ANNUAL RATE OF MORTALITY PER 1,000 LIVING AT SPECIFIED AGE								
White: 1900-1902.....	133.45	110.61	5.94	5.54	10.60	9.31	41.66	36.41
1909-1911.....	123.26	102.26	4.89	4.20	10.22	8.03	43.79	37.86
1919-1921.....	80.25	63.92	4.27	4.33	7.50	6.76	34.90	31.68
1929-1931.....	62.32	49.63	3.18	2.77	6.79	5.32	38.65	31.25
1939-1941.....	48.12	37.89	2.12	1.45	5.13	3.68	36.85	26.43
1949-1951.....	30.69	23.65	1.62	0.73	3.91	2.42	34.45	20.63
1955.....	26.75	20.37	1.08	0.61	3.39	2.02	34.64	19.70
1957.....	26.46	20.13	1.08	0.60	3.49	1.99	36.22	19.63
1958.....	26.71	20.62	1.69	0.66	3.45	1.93	35.55	18.93
1959.....	26.31	19.99	1.58	0.66	3.35	1.90	34.84	18.26
Nonwhite: 1900-1902 <sup>1</sup> .....	253.26	214.75	11.80	11.39	16.58	15.56	54.18	54.07
1909-1911.....	210.35	185.07	11.96	10.74	21.03	17.50	64.83	60.37
1919-1921.....	105.01	87.49	10.85	11.59	14.59	15.37	38.93	43.36
1929-1931.....	87.32	72.04	8.58	8.82	18.13	16.25	50.72	49.35
1939-1941.....	83.04	66.82	( <sup>2</sup> )	( <sup>2</sup> )	13.62	11.81	( <sup>2</sup> )	( <sup>2</sup> )
1949-1951.....	50.89	40.87	3.14	2.27	8.70	7.70	45.78	37.04
1955.....	47.22	38.86	2.40	1.37	7.61	5.74	48.54	38.05
1957.....	48.03	39.79	2.39	1.35	7.83	5.93	53.87	40.62
1958.....	50.32	41.05	2.26	1.16	7.59	5.76	53.38	39.21
1959.....	48.41	40.06	2.15	1.20	7.82	5.75	50.89	36.78
AVERAGE EXPECTATION OF LIFE IN YEARS								
White: 1900-1902.....	48.23	51.08	42.19	43.77	27.74	29.17	11.51	12.23
1909-1911.....	50.23	53.62	42.71	44.88	27.43	29.26	11.25	11.97
1919-1921.....	56.34	58.53	45.60	46.46	29.86	30.94	12.21	12.75
1929-1931.....	59.12	62.67	46.02	48.52	29.22	31.52	11.77	12.81
1939-1941.....	62.81	67.29	47.76	51.38	30.03	33.25	12.07	13.66
1949-1951.....	66.81	72.03	49.52	54.56	31.17	35.64	12.75	15.00
1955.....	67.3	73.6	50.1	55.8	31.7	36.7	12.9	15.5
1957.....	67.1	73.5	49.9	55.7	31.4	36.6	12.7	15.4
1958.....	67.2	73.7	50.0	55.9	31.5	36.7	12.7	15.4
1959.....	67.3	73.9	50.1	56.0	31.5	36.9	12.7	15.6
Nonwhite: 1900-1902 <sup>1</sup> .....	32.54	35.04	35.11	36.89	23.12	24.37	10.38	11.38
1909-1911.....	34.05	37.67	33.46	36.14	21.57	23.34	9.74	10.82
1919-1921.....	47.14	46.92	38.36	37.15	26.53	25.60	12.07	12.41
1929-1931.....	47.55	49.51	35.95	37.22	23.36	24.30	10.87	12.24
1939-1941.....	52.33	55.51	39.74	42.14	25.23	27.31	12.18	13.95
1949-1951.....	58.91	62.70	43.73	46.77	27.29	29.82	12.75	14.54
1955.....	61.2	65.9	45.5	49.6	28.6	32.0	13.2	15.5
1957.....	60.3	65.2	44.7	48.9	27.8	31.3	12.4	14.8
1958.....	60.6	65.5	45.0	49.3	28.0	31.5	12.1	14.8
1959.....	60.9	66.2	45.3	50.0	28.3	32.1	12.5	15.2
NUMBER SURVIVING TO SPECIFIED AGE PER 100,000 BORN LIVE								
White: 1900-1902.....	100,000	100,000	76,376	78,978	64,954	67,935	39,245	43,806
1909-1911.....	100,000	100,000	79,116	81,750	68,848	72,425	40,862	47,086
1919-1921.....	100,000	100,000	84,997	87,281	75,723	77,624	50,663	54,299
1929-1931.....	100,000	100,000	88,904	90,839	81,457	84,250	52,964	60,499
1939-1941.....	100,000	100,000	92,293	93,984	80,880	89,805	58,805	68,701
1949-1951.....	100,000	100,000	95,104	96,454	91,173	94,080	63,541	76,773
1955.....	100,000	100,000	95,743	97,013	92,092	95,113	65,704	79,082
1957.....	100,000	100,000	95,783	97,023	92,163	95,101	65,156	79,978
1958.....	100,000	100,000	95,823	97,012	92,286	95,187	65,619	80,419
1959.....	100,000	100,000	95,857	97,099	92,355	95,274	65,853	80,801
Nonwhite: 1900-1902 <sup>1</sup> .....	100,000	100,000	56,733	50,053	42,989	46,146	19,015	21,995
1909-1911.....	100,000	100,000	61,426	64,764	45,414	50,568	17,806	22,302
1919-1921.....	100,000	100,000	79,057	80,154	61,353	61,130	34,042	31,044
1929-1931.....	100,000	100,000	83,621	85,078	64,710	67,271	29,814	30,852
1939-1941.....	100,000	100,000	86,770	88,505	72,830	75,908	35,912	40,718
1949-1951.....	100,000	100,000	91,941	93,544	82,832	86,052	45,198	52,358
1955.....	100,000	100,000	93,046	94,485	85,237	88,805	50,005	58,044
1957.....	100,000	100,000	92,899	94,354	84,927	88,629	48,285	57,877
1958.....	100,000	100,000	92,851	94,342	85,353	88,937	49,700	58,808
1959.....	100,000	100,000	92,937	94,460	85,422	89,272	50,300	60,298

<sup>1</sup> Figures cover Negroes only. In every case, however, Negro population comprised 95 percent or more of corresponding nonwhite population.

<sup>2</sup> Not available.

Source: Department of Health, Education, and Welfare, Public Health Service; *United States Life Tables and Actuarial Tables, 1959-41*, *Vital Statistics—Special Reports*, Vol. 41 and Vol. 52, and annual report, *Vital Statistics of the United States*.



# **No. 66. FETAL DEATH RATIO, AND NEONATAL, INFANT (UNDER 1 YEAR OF AGE), AND MATERNAL MORTALITY RATES, BY COLOR: 1940 TO 1961**

[Beginning 1959, includes Alaska, and 1960, Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series B 101-112]

YEAR	FETAL DEATH RATIO PER 1,000 LIVE BIRTHS <sup>1</sup>			NEONATAL MORTALITY RATE PER 1,000 LIVE BIRTHS <sup>2</sup>			INFANT MORTALITY RATE PER 1,000 LIVE BIRTHS			MATERNAL MORTALITY RATE PER 10,000 LIVE BIRTHS <sup>3</sup>		
	Total	White	Non-white	Total	White	Non-white	Total	White	Non-white	Total	White	Non-white
1940.....	(4)	(4)	(4)	28.8	27.2	39.7	47.0	43.2	73.8	37.0	32.0	77.3
1945.....	23.9	21.4	42.0	24.3	23.3	32.0	38.3	35.0	57.0	20.7	17.2	45.5
1950.....	19.2	17.1	32.5	20.5	19.4	27.5	29.2	26.8	44.5	8.3	6.1	22.2
1955.....	17.1	15.2	28.4	19.1	17.7	27.2	26.4	23.6	42.8	4.7	3.3	13.0
1956.....	16.5	14.6	27.2	13.9	17.5	27.0	26.0	23.2	42.1	4.1	2.9	11.1
1957.....	16.3	14.5	26.8	19.1	17.5	27.8	26.3	23.3	43.7	4.1	2.8	11.8
1958.....	16.5	14.5	27.5	19.5	17.8	29.0	27.1	23.8	45.7	3.8	2.6	10.2
1959.....	16.2	14.2	27.3	19.6	17.5	27.7	26.4	23.2	44.0	3.7	2.6	10.2
1960.....	(4)	(4)	(4)	18.6	(4)	(4)	25.7	22.4	42.6	3.2	2.2	8.8
1961.....	(4)	(4)	(4)	18.5	(4)	(4)	25.2	(4)	(4)	3.2	(4)	(4)

<sup>1</sup> Includes only fetal deaths (stillbirths) for which period of gestation was 20 weeks (or 5 months) or more, or was not stated.

<sup>2</sup> Represents deaths of infants under 28 days old, exclusive of fetal deaths.

<sup>3</sup> Deaths from deliveries and complications of pregnancy, childbirth, and the puerperium. Beginning with 1953, deaths are classified according to seventh revision of *International Lists of Diseases and Causes of Death*; see text, p. 49.

<sup>4</sup> Not available.

<sup>5</sup> Estimated; based on 10-percent sample of death certificates.

<sup>6</sup> Provisional.

Source: Department of Health, Education, and Welfare, Public Health Service; annual report, *Vital Statistics of the United States*, and *Monthly Vital Statistics Report*.

# **No. 67. DEATH RATE PER 1,000 POPULATION, BY COLOR AND SEX, AND BY AGE: 1900 TO 1960**

[Beginning 1959, includes Alaska, and 1960, Hawaii. 1940 to 1930 based on population residing in area. Rates for 1940 and 1950, based on population enumerated as of April 1; for all other years estimated as of July 1. Data prior to 1933 for death-registration States only; see text, p. 49. See also *Historical Statistics, Colonial Times to 1957*, series B 129-136]

COLOR, SEX, AND AGE	1900	1910	1920	1930	1940	1950	1957	1958	1959	1960 <sup>1</sup>
<b>COLOR AND SEX</b>										
Total.....	17.2	14.7	13.0	11.3	10.8	9.6	9.6	9.5	9.4	9.5
Male.....	17.9	15.6	13.4	12.3	12.0	11.1	11.1	11.0	10.8	10.9
Female.....	16.5	13.7	12.6	10.4	9.5	8.2	8.1	8.1	8.0	8.0
White.....	17.0	14.5	12.6	10.8	10.4	9.5	9.5	9.4	9.3	9.4
Male.....	17.7	15.4	13.0	11.7	11.6	10.9	11.0	10.9	10.8	10.9
Female.....	16.3	13.6	12.1	9.8	9.2	8.0	8.0	8.0	7.9	8.0
Nonwhite.....	25.0	21.7	17.7	16.3	13.8	11.2	10.4	10.2	9.9	10.0
Male.....	25.7	22.3	17.8	17.4	15.1	12.5	11.8	11.6	11.3	11.4
Female.....	24.4	21.0	17.5	15.3	12.6	9.9	9.1	9.0	8.6	8.6
<b>AGE</b>										
Total <sup>2</sup> .....	17.2	14.7	13.0	11.3	10.8	9.6	9.6	9.5	9.4	9.5
Adjusted for age <sup>3</sup> .....	17.8	15.8	14.2	12.5	10.8	8.4	7.9	7.8	7.7	7.7
Under 1 year.....	162.4	131.8	62.3	69.0	54.9	33.0	29.5	29.9	29.4	28.8
1 to 4 years.....	19.8	14.0	9.9	5.6	2.9	1.4	1.1	1.1	1.1	1.1
5 to 14 years.....	3.9	2.9	2.6	1.7	1.0	0.6	0.5	0.5	0.5	0.5
15 to 24 years.....	5.9	4.5	4.0	3.3	2.0	1.3	1.1	1.1	1.1	1.0
25 to 34 years.....	8.2	6.5	5.8	4.7	3.1	1.8	1.5	1.5	1.5	1.4
35 to 44 years.....	10.2	9.0	8.1	6.8	5.2	3.6	3.1	3.0	3.0	3.0
45 to 54 years.....	15.0	13.7	12.2	12.2	10.6	8.5	7.6	7.4	7.3	7.3
55 to 64 years.....	27.2	26.2	23.6	24.0	22.2	19.0	17.8	17.4	17.1	17.0
65 to 74 years.....	56.4	55.6	52.5	51.4	48.4	41.0	41.3	41.0	40.4	41.2
75 to 84 years.....	123.3	122.2	113.9	112.7	112.0	93.3	88.0	88.4	86.4	87.0
85 years and over.....	200.9	250.3	243.3	223.0	235.7	202.0	197.7	201.9	202.8	209.6

<sup>1</sup> Estimated; based on a 10-percent sample of death certificates.

<sup>2</sup> Includes deaths for which age was not stated.

<sup>3</sup> Adjusted for age with the age distribution of the population as enumerated in 1940 used as the standard.

<sup>4</sup> Based on enumerated population adjusted for age bias in nonwhite population at ages 55 to 59 years.

Source: Department of Health, Education, and Welfare, Public Health Service; annual report, *Vital Statistics of the United States*, and *Monthly Vital Statistics Report*.

# No. 68. DEATHS AND DEATH RATE PER 1,000 POPULATION, BY STATES: 1940 to 1961

[By place of residence, except as noted]

STATE	DEATHS					RATE PER 1,000 POPULATION <sup>2</sup>				
	1940	1950	1955	1960 <sup>1</sup>	1961 <sup>1</sup>	1940	1950	1955	1960 <sup>1</sup>	1961 <sup>1</sup>
United States <sup>3</sup> .....	1,417,269	1,352,454	1,528,717	1,702,000	1,702,000	10.8	9.6	9.3	9.5	9.3
New England.....	98,692	96,946	104,743	( <sup>4</sup> )	( <sup>4</sup> )	11.7	10.4	10.8	( <sup>4</sup> )	( <sup>4</sup> )
Maine.....	10,681	9,888	10,213	10,087	10,800	12.5	10.8	11.1	11.0	10.9
New Hampshire.....	6,230	6,076	6,464	6,524	6,812	12.7	11.4	11.7	10.7	11.0
Vermont.....	4,664	4,167	4,241	4,442	4,191	13.0	11.0	11.6	11.4	10.6
Massachusetts.....	51,122	49,888	53,345	( <sup>4</sup> )	( <sup>4</sup> )	11.8	10.5	11.1	( <sup>4</sup> )	( <sup>4</sup> )
Rhode Island.....	8,019	8,308	8,697	8,021	8,846	11.2	10.5	10.5	10.4	10.2
Connecticut.....	18,070	19,123	21,783	23,505	23,568	10.6	9.5	9.9	9.2	9.0
Middle Atlantic.....	307,565	315,886	333,624	356,255	358,465	11.2	10.5	10.4	10.4	10.3
New York.....	149,816	156,074	165,770	177,932	179,064	11.1	10.5	10.5	10.6	10.5
New Jersey.....	45,772	49,105	54,290	57,617	58,991	11.0	10.2	10.1	9.4	9.4
Pennsylvania.....	111,977	110,212	113,564	120,706	120,410	11.3	10.5	10.4	10.6	10.5
East North Central.....	292,349	305,274	321,495	345,030	339,697	11.0	10.0	9.5	9.5	9.2
Ohio.....	78,940	80,633	85,478	93,073	91,319	11.4	10.1	9.5	9.6	9.2
Indiana.....	40,555	40,630	42,093	44,601	44,088	11.8	10.3	9.7	9.5	9.4
Illinois.....	89,099	92,490	95,528	101,661	99,600	11.3	10.6	10.3	10.1	9.7
Michigan.....	62,183	57,743	63,362	67,450	67,202	9.9	9.1	8.6	8.6	8.4
Wisconsin.....	31,533	33,778	35,034	38,245	37,188	10.1	9.8	9.5	9.6	9.2
West North Central.....	188,644	141,455	141,872	157,211	154,329	10.3	10.1	9.5	10.2	9.9
Minnesota.....	26,354	28,020	28,641	32,467	31,813	9.4	9.4	9.0	9.5	9.2
Iowa.....	26,267	26,970	26,772	28,744	28,131	10.4	10.3	9.9	10.4	10.1
Missouri.....	43,777	43,710	43,102	48,967	48,071	11.6	11.1	10.3	11.3	11.0
North Dakota.....	5,257	5,191	5,270	5,419	5,217	8.2	8.4	8.2	8.5	8.2
South Dakota.....	5,760	5,880	5,630	6,739	6,417	8.9	9.0	8.7	9.9	9.3
Nebraska.....	12,670	12,617	13,115	13,993	13,829	9.6	9.5	9.4	9.9	9.7
Kansas.....	18,589	19,058	19,042	20,882	20,851	10.3	10.0	9.2	9.6	9.5
South Atlantic.....	187,085	187,611	198,141	236,243	237,259	10.5	8.9	8.4	9.1	8.9
Delaware.....	3,285	3,501	3,730	4,352	4,200	12.3	11.0	9.4	9.7	9.4
Maryland.....	22,026	22,417	24,221	27,832	27,493	12.1	9.6	8.7	8.0	8.6
Dist. of Columbia.....	8,081	8,580	8,349	10,127	10,337	12.2	10.7	10.0	13.3	13.0
Virginia.....	29,741	29,708	30,215	33,792	33,555	11.1	9.0	8.5	8.5	8.3
West Virginia.....	17,669	17,428	16,787	18,276	18,158	9.3	8.7	8.5	9.8	9.8
North Carolina.....	31,904	31,130	32,274	38,688	37,933	8.9	7.7	7.5	8.5	8.2
South Carolina.....	20,280	17,973	18,162	20,371	19,951	10.7	8.5	7.9	8.5	8.3
Georgia.....	32,485	30,325	30,919	33,257	35,404	10.4	8.8	8.5	8.4	8.9
Florida.....	21,014	26,539	33,494	49,548	50,033	11.4	9.6	9.2	9.9	9.6
East South Central.....	112,189	104,900	102,437	115,028	114,420	10.4	9.1	8.8	9.5	9.4
Kentucky.....	29,067	27,855	27,591	29,386	29,684	10.5	9.5	9.2	9.6	9.7
Tennessee.....	29,383	29,425	29,013	34,394	34,058	10.1	8.9	8.5	9.6	9.4
Alabama.....	29,554	26,836	26,880	29,927	29,662	10.4	8.8	8.6	9.1	9.0
Mississippi.....	23,205	20,784	19,453	21,321	21,016	10.7	9.5	9.2	9.8	9.5
West South Central.....	126,309	121,971	124,671	147,386	145,268	9.7	8.4	8.0	8.7	8.4
Arkansas.....	17,247	15,411	15,218	18,067	17,685	8.8	8.1	8.6	10.1	9.8
Louisiana.....	26,542	23,738	24,312	29,882	28,835	10.8	8.8	8.3	9.1	8.7
Oklahoma.....	20,885	19,473	19,724	22,480	22,400	8.9	8.7	9.0	9.6	9.5
Texas.....	62,035	63,349	65,417	76,068	76,339	9.8	8.2	7.5	8.0	7.8
Mountain.....	42,424	43,730	47,324	56,303	56,676	10.2	5.6	7.9	8.2	8.0
Montana.....	5,765	5,822	6,161	6,459	6,292	10.3	9.9	9.8	9.5	9.2
Idaho.....	4,624	4,837	4,935	5,253	5,358	9.4	8.2	8.1	7.8	7.8
Wyoming.....	2,157	2,336	2,453	2,806	2,641	8.6	8.0	7.9	8.5	7.8
Colorado.....	12,291	12,280	13,343	15,787	15,582	10.9	9.3	8.6	9.0	8.7
New Mexico.....	5,484	5,471	5,544	6,569	6,465	10.3	8.0	7.6	6.9	6.6
Arizona.....	6,556	6,422	7,600	10,498	11,132	11.1	8.6	7.4	8.0	8.0
Utah.....	4,846	4,974	5,311	6,197	6,340	8.6	7.2	6.6	6.9	6.9
Nevada.....	1,402	1,588	1,957	2,754	2,866	12.7	9.9	8.1	9.6	9.6
Pacific <sup>5</sup> .....	112,602	135,181	154,410	178,952	185,229	11.5	9.3	8.9	8.4	8.4
Washington.....	20,680	22,486	24,517	26,648	26,362	11.6	9.5	9.4	9.3	9.1
Oregon.....	12,183	13,935	16,378	16,798	16,812	11.2	9.2	9.1	9.5	9.3
California.....	70,742	98,760	114,615	130,672	137,352	11.5	9.3	8.8	8.2	8.4
Alaska.....	( <sup>4</sup> )	1,253	1,204	1,236	1,261	( <sup>4</sup> )	9.7	8.8	8.4	8.4
Hawaii <sup>6</sup> .....	3,089	2,010	3,213	3,598	3,442	7.3	5.8	5.7	5.6	5.2

<sup>1</sup> Provisional, by place of occurrence.<sup>2</sup> Based on total population residing in area, enumerated as of April 1 for 1940 and 1950 and estimated as of July 1 for all other years.<sup>3</sup> Beginning 1960, includes Alaska and Hawaii.<sup>4</sup> Includes estimate for Massachusetts.<sup>5</sup> Not available.<sup>6</sup> By place of occurrence.Source: Department of Health, Education, and Welfare, Public Health Service; annual report, *Vital Statistics of the United States*, and *Monthly Vital Statistics Report*.

# No. 69. DEATHS, BY COLOR, FOR URBAN AND RURAL AREAS, BY STATES: 1957 TO 1959

[By place of residence. Definition of urban and rural based on 1940 Census of Population; see text, p. 2. For total deaths by States, see table 68]

STATE	1957				1958				1959	
	Urban		Rural		Urban		Rural		White	Non-white
	White	Non-white	White	Non-white	White	Non-white	White	Non-white		
United States <sup>1</sup> .....	2924,389	2132,917	2513,263	262,559	2928,671	2133,840	2522,406	262,969	1,460,840	195,974
New England.....	277,938	21,957	227,097	2196	279,131	22,027	228,707	2223	106,454	2,262
Maine.....	4,134	14	6,001	16	4,172	20	6,275	22	10,803	40
New Hampshire.....	3,716	8	2,948	2	3,581	10	2,969	3	6,711	16
Vermont.....	1,776	5	2,623	3	1,744	7	2,539	5	4,369	8
Massachusetts.....	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	53,423	1,133
Rhode Island.....	7,400	159	1,034	13	7,631	194	1,039	14	8,588	216
Connecticut.....	14,101	738	7,771	61	14,296	745	8,121	72	22,600	849
Middle Atlantic.....	242,580	24,225	80,551	1,791	241,581	24,505	82,348	1,880	326,802	27,054
New York.....	125,601	12,067	34,350	599	125,389	12,349	35,401	675	162,040	13,595
New Jersey.....	41,487	4,118	11,286	629	41,301	4,045	11,916	667	53,439	4,824
Pennsylvania.....	75,432	8,040	34,915	563	74,891	8,111	35,031	538	110,723	8,064
East North Central.....	208,964	24,894	105,610	1,632	208,646	24,258	106,257	1,625	314,637	26,348
Ohio.....	55,000	6,757	28,726	612	55,235	6,735	29,061	651	83,980	7,374
Indiana.....	24,155	2,991	17,337	112	24,277	2,411	17,425	114	41,551	2,615
Illinois.....	69,875	9,502	22,120	411	69,684	9,719	21,883	381	91,205	10,151
Michigan.....	37,872	5,150	23,090	344	37,390	4,901	23,264	382	61,243	6,676
Wisconsin.....	21,972	496	14,337	133	22,060	479	14,624	117	36,678	632
West North Central.....	78,789	6,039	66,476	1,239	78,179	6,062	65,302	1,199	144,497	7,478
Minnesota.....	17,955	239	12,889	123	17,655	237	12,658	125	30,514	389
Iowa.....	14,597	314	13,048	25	14,720	340	12,694	22	28,020	399
Missouri.....	24,956	4,164	17,751	626	24,693	4,196	17,382	408	41,855	4,776
North Dakota.....	1,704	7	3,669	115	1,690	8	3,427	120	5,214	120
South Dakota.....	2,839	48	3,561	271	2,388	52	3,553	255	5,035	302
Nebraska.....	7,034	304	6,416	63	6,834	340	6,501	16	13,496	400
Kansas.....	10,154	973	9,142	122	10,229	839	9,087	116	19,454	1,122
South Atlantic.....	78,629	33,699	78,601	27,007	80,657	33,980	81,639	27,018	163,486	60,779
Delaware.....	1,540	384	1,711	204	1,563	391	1,806	338	3,243	709
Maryland.....	12,074	3,655	9,151	1,499	12,003	3,905	9,067	1,481	21,848	5,209
District of Columbia.....	5,155	3,870	(4)	(4)	4,940	4,012	(4)	(4)	4,797	4,022
Virginia.....	10,730	4,697	13,141	4,451	10,708	4,635	13,431	4,357	24,210	9,095
West Virginia.....	6,059	593	9,939	665	6,616	4,675	9,899	624	16,573	1,124
North Carolina.....	8,239	4,925	15,601	6,250	8,675	4,840	15,859	6,291	24,767	11,066
South Carolina.....	3,966	2,938	6,628	5,628	4,141	2,807	7,043	5,718	11,202	8,615
Georgia.....	10,393	7,131	10,696	5,317	10,444	7,085	10,645	5,112	21,094	12,299
Florida.....	19,873	5,506	11,324	2,905	21,507	5,721	13,289	3,097	36,747	8,640
East South Central.....	31,759	15,938	46,626	15,163	32,712	16,491	47,872	15,825	79,468	30,681
Kentucky.....	10,698	2,310	15,484	867	10,577	2,191	15,711	942	25,735	3,007
Tennessee.....	9,480	4,079	14,905	2,048	10,140	4,993	15,171	2,072	26,062	6,744
Alabama.....	8,023	5,401	9,555	5,374	8,093	5,794	10,030	5,604	17,894	10,794
Mississippi.....	3,718	3,248	6,082	6,874	3,893	3,513	6,960	7,207	10,777	10,136
West South Central.....	67,549	17,948	41,731	11,858	69,073	18,379	42,088	11,521	111,538	29,037
Arkansas.....	5,233	1,972	7,002	2,374	5,529	2,034	7,149	2,339	12,578	4,222
Louisiana.....	10,045	6,270	7,025	4,811	10,301	6,579	7,322	4,087	17,294	10,961
Oklahoma.....	11,173	1,346	8,031	1,010	11,547	1,411	7,897	915	19,686	2,331
Texas.....	41,048	8,360	19,673	3,663	41,696	8,355	19,720	3,580	62,040	11,523
Mountain.....	29,569	1,148	18,997	1,828	29,823	1,049	19,098	1,837	50,679	2,908
Montana.....	3,394	49	2,802	230	3,244	42	2,789	186	6,311	283
Idaho.....	2,843	31	2,341	67	2,800	16	2,356	68	5,345	98
Wyoming.....	1,481	36	1,047	45	1,470	36	988	42	2,552	76
Colorado.....	9,604	373	4,430	45	9,482	321	4,508	43	14,443	399
New Mexico.....	3,253	157	2,257	447	3,394	146	2,117	448	5,639	1,551
Arizona.....	4,152	317	3,386	870	4,362	319	3,487	900	8,415	1,187
Utah.....	3,607	78	2,015	64	3,703	69	2,004	66	5,773	129
Nevada.....	1,235	107	719	70	1,368	100	759	84	2,201	195
Pacific.....	108,612	7,069	47,574	1,845	108,869	7,089	49,095	1,850	163,219	9,427
Washington.....	16,000	568	8,430	265	15,628	540	9,038	294	25,521	817
Oregon.....	8,751	196	6,335	93	8,441	183	6,761	104	16,367	352
California.....	33,861	6,305	32,509	1,487	34,800	6,306	33,306	1,462	120,632	7,832
Alaska.....	(3)	(3)	(3)	(3)	328	93	419	315	669	446
Hawaii.....	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)

<sup>1</sup> Beginning 1959, includes Alaska. <sup>2</sup> Includes estimates for Massachusetts.

<sup>3</sup> Not available. <sup>4</sup> No rural area. <sup>5</sup> By place of occurrence.

Source: Department of Health, Education, and Welfare, Public Health Service; annual report, *Vital Statistics of the United States*.

# NO. 70. DEATH RATE, 1950 TO 1960, AND DEATHS, 1959 AND 1960, FROM SELECTED CAUSES

[Beginning 1959, includes Alaska, and 1960, Hawaii. Seventh revision of *International Lists of Diseases and Causes of Death* used beginning 1959. See text, p. 49. See also *Historical Statistics, Colonial Times to 1957*, series B 114-128]

CAUSE OF DEATH (seventh revision)	DEATH RATE PER 100,000 POPULATION <sup>1</sup>						DEATHS	
	1950	1956	1957	1958	1959	1960 <sup>2</sup>	1959	1960 <sup>2</sup>
All causes.....	963.8	935.4	959.0	951.3	939.1	945.7	1,656,814	1,702,000
Tuberculosis, all forms.....	22.5	8.4	7.8	7.1	6.5	5.9	11,456	10,670
Syphilis and its sequelae.....	5.0	2.3	2.2	2.0	1.7	1.7	3,069	3,070
Meningococcal infections.....	0.6	0.5	0.5	0.4	0.4	0.3	699	615
Acute poliomyelitis.....	1.3	0.3	0.1	0.1	0.3	0.1	454	200
Infectious hepatitis.....	0.4	0.5	0.5	0.5	0.5	0.5	597	880
Other infective and parasitic diseases.....	4.4	3.2	3.1	3.3	3.3	3.2	5,846	5,750
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues.....	139.8	147.9	148.7	146.9	147.4	147.4	260,047	265,260
Asthma.....	2.9	3.6	3.9	2.9	2.8	2.8	4,984	4,060
Diabetes mellitus.....	16.2	15.7	16.0	15.9	15.9	17.1	28,080	30,790
Meningitis, except meningococcal and tuberculous.....	1.2	1.2	1.2	1.3	1.3	1.2	2,208	2,230
Major cardiovascular-renal diseases.....	510.8	510.7	523.7	523.8	516.2	518.9	910,635	933,000
Diseases of cardiovascular system.....	494.4	501.5	514.9	515.8	509.2	512.0	898,336	921,640
Vascular lesions affecting central nervous system.....	104.0	106.3	110.2	110.1	108.5	107.1	191,876	192,720
Diseases of heart.....	356.8	361.1	369.6	367.9	363.4	366.4	641,044	659,410
Rheumatic fever and chronic rheumatic heart disease.....	14.8	12.0	11.8	10.9	10.4	10.2	18,290	18,350
Arteriosclerotic heart disease, incl. coronary disease.....	213.0	255.6	265.7	266.3	268.8	273.4	474,143	492,140
Nonrheumatic chronic endocarditis and other myocardial degeneration.....	56.5	37.7	36.8	33.8	31.8	32.1	56,099	57,810
Other diseases of heart.....	15.9	12.6	12.8	14.2	13.8	14.2	24,553	25,503
Hypertensive heart disease.....	56.5	43.3	42.5	42.7	38.6	36.5	68,159	65,010
Other hypertensive diseases.....	8.3	6.5	6.5	8.0	7.4	7.1	13,119	12,750
General arteriosclerosis.....	20.4	19.1	19.5	19.9	19.6	20.3	34,622	36,600
Other diseases of circulatory system.....	4.9	8.4	9.0	9.9	10.3	11.2	18,176	20,160
Chronic and unspec. nephritis and other renal sclerosis.....	16.4	9.1	8.8	8.0	7.0	6.9	12,299	12,360
Influenza and pneumonia, except pneumonia of newborn.....	31.3	28.2	35.8	33.2	31.2	36.6	55,039	65,820
Influenza.....	4.4	1.4	4.4	2.6	1.6	4.5	2,846	8,170
Pneumonia, except pneumonia of newborn.....	26.9	26.8	31.4	30.6	29.6	32.0	52,194	57,650
Bronchitis.....	2.0	1.9	2.1	2.3	2.2	2.5	3,840	4,500
Ucer of stomach and duodenum.....	5.5	0.0	6.1	6.2	6.1	6.0	10,674	10,830
Hernia and intestinal obstruction.....	5.9	5.1	5.0	5.1	5.2	4.8	9,106	8,660
Gastritis, duodenitis, enteritis, and colitis, except diarrhea of newborn.....	5.1	4.5	4.7	4.5	4.4	4.2	7,758	7,490
Cirrhosis of liver.....	9.2	10.7	11.3	10.8	10.9	11.2	19,242	20,200
Cholelithiasis, cholecystitis, and cholangitis.....	3.9	3.1	2.9	2.7	2.5	2.3	4,497	4,080
Acute nephritis, and nephritis with edema incl. nephrosis.....	2.3	1.4	1.3	1.3	1.0	0.9	1,821	1,580
Infections of kidney.....	2.1	3.4	3.7	4.0	3.9	3.9	6,822	6,980
Hyperplasia of prostate.....	4.2	3.2	3.0	2.7	2.6	2.6	4,683	4,720
Deliveries and complications of pregnancy, childbirth, and the puerperium.....	2.0	1.0	1.0	0.9	0.9	0.8	1,588	1,360
Congenital malformations.....	12.2	12.6	12.8	12.4	12.3	12.0	21,780	21,510
Certain diseases of early infancy.....	40.5	38.6	39.1	39.8	38.5	37.0	67,934	66,510
Symptoms, senility, and ill-defined conditions.....	14.9	11.3	11.3	11.4	10.8	12.0	19,066	21,530
Accidents.....	60.6	56.7	56.0	52.3	52.2	51.9	92,080	93,380
Motor-vehicle accidents.....	23.1	23.7	22.7	21.3	21.5	20.6	37,910	37,160
Non motor-vehicle accidents.....	37.5	33.0	33.2	31.0	30.7	31.2	54,170	56,170
Accidents in the home.....	16.0	13.5	13.4	13.1	13.0	13.6	23,020	24,420
Other non motor-vehicle accidents.....	21.5	19.4	19.0	17.8	17.7	17.6	31,130	31,750
Suicide.....	11.4	10.0	9.8	10.7	10.6	10.8	18,633	18,450
Homicide.....	5.3	4.6	4.5	4.5	4.6	4.5	8,159	8,010
All other causes.....	40.3	38.8	40.9	42.3	43.0	42.8	75,817	77,060

<sup>1</sup> Based on population enumerated as of April 1 for 1950, and estimated as of July 1 for other years. Rates per 100,000 population residing in area.

<sup>2</sup> Estimated; based on a 10-percent sample of death certificates.

Source: Department of Health, Education, and Welfare, Public Health Service; annual report, *Vital Statistics of the United States*, and *Monthly Vital Statistics Report*.

# No. 71. DEATH RATE PER 100,000 POPULATION, FOR THE 10 LEADING CAUSES OF DEATH, BY STATES: 1959

[By place of residence. Refers only to deaths occurring within the U.S. including Alaska. Rates per 100,000 estimated midyear population in each area. Causes of death classified according to seventh revision of *International Lists of Diseases and Causes of Death*; see text, p. 49. For method of selecting the leading causes of death, see *Vital Statistics—Special Reports*, Vol. 54]

STATE	Dis- eases of heart	Malig- nant neo- plasms <sup>1</sup>	Vas- cular lesions affect- ing central nervous system	Acci- dents	Cer- tain diseases of early infancy	Influenza and pneumonia, exc. pneumonia of new- born	General arterio- sclerosis	Diabetes mellitus	Con- genital malfor- mations	Othorho- sis of liver
United States <sup>2</sup> .....	363.4	147.4	108.5	52.2	38.5	31.2	19.6	15.9	12.3	10.9
New England.....	444.7	181.4	120.4	45.2	32.8	36.4	23.9	19.8	12.3	13.7
Maine.....	479.9	178.6	146.3	51.0	37.6	35.1	23.3	10.0	12.4	8.4
New Hampshire.....	459.3	187.0	137.0	48.8	29.7	36.1	37.3	24.8	12.3	9.0
Vermont.....	451.3	175.8	143.8	61.0	34.9	49.2	32.8	17.2	12.4	9.4
Massachusetts.....	461.2	185.7	119.9	48.2	31.9	42.6	23.4	19.7	11.7	15.6
Rhode Island.....	446.9	178.4	101.4	33.5	30.9	21.6	18.1	23.9	13.7	12.5
Connecticut.....	391.8	174.1	110.3	37.7	33.8	27.9	22.6	18.3	13.2	14.4
Middle Atlantic.....	454.8	178.8	101.6	42.1	35.1	34.5	20.7	20.3	11.3	14.8
New York.....	469.9	185.6	97.4	41.4	35.3	41.1	19.1	18.5	11.5	17.4
New Jersey.....	430.2	178.6	90.8	38.4	34.8	27.5	16.9	19.8	11.2	14.4
Pennsylvania.....	445.7	169.0	113.3	45.0	35.1	28.6	24.0	23.2	11.1	11.3
East North Central.....	373.1	150.2	110.3	47.4	37.3	28.2	22.7	18.9	12.2	10.8
Ohio.....	360.2	151.6	113.9	49.0	39.2	22.8	27.7	21.0	12.7	11.6
Indiana.....	370.9	143.9	129.4	55.2	34.0	25.4	25.2	18.2	12.2	8.5
Illinois.....	430.5	160.9	106.2	42.7	36.2	37.7	20.4	15.4	10.8	12.4
Michigan.....	317.7	139.2	96.8	46.8	39.2	23.9	17.4	21.6	13.1	10.1
Wisconsin.....	370.3	148.4	117.0	50.0	35.3	28.6	23.9	18.2	13.1	9.0
West North Central.....	380.9	155.0	130.3	57.3	34.0	31.1	24.9	16.6	12.7	7.9
Minnesota.....	345.9	146.2	122.0	52.8	34.1	30.2	21.6	17.1	13.7	8.1
Iowa.....	391.9	160.3	143.5	55.4	31.0	31.4	29.9	16.1	11.2	5.9
Missouri.....	430.1	173.6	136.8	60.8	34.7	32.1	26.9	17.2	12.5	10.2
North Dakota.....	318.4	120.6	107.9	59.8	39.1	32.2	19.2	13.7	12.5	5.3
South Dakota.....	331.0	144.7	122.9	64.2	31.7	20.4	18.3	13.7	14.3	4.8
Nebraska.....	367.0	150.8	128.0	55.5	34.8	36.2	21.4	17.8	13.0	8.0
Kansas.....	368.2	141.6	124.2	58.4	34.6	27.1	25.7	16.1	13.0	7.3
South Atlantic.....	310.3	122.2	107.6	55.3	44.7	30.7	14.8	12.7	12.8	8.1
Delaware.....	366.1	132.4	79.1	43.2	43.8	30.2	15.4	17.2	10.6	8.8
Maryland.....	371.6	142.9	74.1	45.8	44.3	27.2	14.4	17.7	13.4	11.9
District of Columbia.....	377.7	177.0	104.4	49.8	62.9	43.5	19.4	18.8	12.7	22.6
Virginia.....	297.6	116.8	103.3	52.1	45.6	32.0	15.2	10.8	12.9	6.5
West Virginia.....	342.0	128.7	111.4	58.5	33.2	33.7	17.8	14.3	12.5	6.6
North Carolina.....	278.3	95.0	107.0	55.0	43.6	29.4	12.0	11.4	13.3	5.4
South Carolina.....	269.3	93.1	114.4	62.8	41.7	33.7	14.6	12.5	11.5	4.7
Georgia.....	282.0	108.0	138.3	50.5	45.4	33.7	14.5	11.3	13.2	6.1
Florida.....	325.7	152.2	106.6	57.9	48.3	25.8	15.8	12.7	12.6	10.8
East South Central.....	311.7	123.0	124.4	60.8	43.2	31.8	16.9	12.7	12.2	6.0
Kentucky.....	341.9	129.3	117.3	58.8	36.9	33.2	22.2	14.1	13.1	8.4
Tennessee.....	308.4	125.9	130.8	54.8	41.3	34.2	17.0	11.2	12.2	5.8
Alabama.....	302.9	117.0	124.5	62.9	46.1	26.1	14.2	12.7	12.2	5.6
Mississippi.....	286.5	117.9	123.7	70.0	52.2	34.2	13.1	12.0	11.0	4.4
West South Central.....	288.4	126.3	100.9	60.9	43.4	28.3	13.7	13.4	12.6	7.1
Arkansas.....	346.7	137.4	133.1	67.7	38.2	33.4	10.9	11.9	9.2	5.7
Louisiana.....	317.0	134.1	91.0	61.5	57.4	31.4	14.0	18.2	14.6	7.7
Oklahoma.....	329.6	150.8	128.7	67.8	32.9	26.9	18.0	14.9	11.4	6.0
Texas.....	258.3	115.7	91.7	57.8	43.1	26.7	12.1	11.7	12.8	7.5
Mountain.....	263.3	109.7	77.9	70.8	46.6	33.6	15.2	10.8	14.5	9.7
Montana.....	348.2	132.0	97.4	83.7	38.6	34.8	24.0	16.2	11.5	7.6
Idaho.....	305.3	113.0	91.7	70.6	35.8	24.2	19.6	13.6	13.1	4.5
Wyoming.....	282.1	111.0	80.7	84.3	43.9	22.6	16.3	12.5	16.0	10.3
Colorado.....	300.8	125.7	93.6	58.6	47.4	51.4	16.4	9.7	12.8	11.3
New Mexico.....	157.3	87.9	57.0	86.0	62.7	28.3	10.9	8.5	17.4	9.3
Arizona.....	227.7	104.1	63.3	73.8	52.1	32.8	13.2	7.8	14.7	11.6
Utah.....	233.4	88.8	60.7	54.2	36.5	19.9	10.9	11.4	16.8	7.0
Nevada.....	293.2	108.9	72.9	89.6	47.5	22.1	10.4	13.9	15.4	18.2
Pacific <sup>2</sup> .....	332.0	143.9	102.0	55.2	35.3	30.5	20.3	16.5	12.7	15.7
Washington.....	356.1	145.1	121.0	66.7	33.0	35.8	21.6	15.4	12.8	9.4
Oregon.....	361.3	141.8	121.6	62.3	30.1	33.7	23.3	13.1	12.1	9.7
California.....	326.6	145.1	96.9	53.2	35.8	29.0	19.8	9.3	12.7	17.8
Alaska.....	111.5	57.1	35.1	115.2	75.3	39.8	11.0	2.6	16.2	5.8
Hawaii <sup>3</sup> .....	166.0	89.2	43.0	31.0	42.7	18.1	7.0	12.2	11.6	6.4

<sup>1</sup> Includes neoplasms of lymphatic and hematopoietic tissues.

<sup>2</sup> Excludes Hawaii.

<sup>3</sup> By place of occurrence.

Source: Department of Health, Education, and Welfare, Public Health Service; annual report, *Vital Statistics of the United States*.

# NO. 72. INFANT DEATHS (UNDER 1 YEAR OF AGE) AND RATE PER 1,000 LIVE BIRTHS, BY STATES: 1940 TO 1959

[By place of residence]

STATE	1940	1950	1955		1959		RATE PER 1,000 LIVE BIRTHS		1955		1959	
			White	Non-white	White	Non-white	1940	1950	White	Non-white	White	Non-white
United States <sup>1</sup>	110,984	103,825	81,682	25,221	83,493	28,515	47.0	29.2	23.6	42.8	23.2	44.0
New England.....	5,196	4,729	4,838	252	5,026	360	39.2	24.3	22.1	89.3	22.1	43.4
Maine.....	810	650	640	13	598	5	53.2	30.9	24.2	86.1	26.2	19.8
New Hampshire.....	341	282	321	1	294	3	40.9	24.5	25.8	22.0	22.0	38.5
Vermont.....	309	221	243	1	224	1	44.5	24.5	23.1	35.7	23.7	35.5
Massachusetts.....	2,458	2,240	2,258	115	2,398	148	37.5	23.3	21.4	87.2	21.8	31.7
Rhode Island.....	410	450	403	18	424	25	37.9	27.8	23.2	31.7	23.7	31.7
Connecticut.....	868	886	1,083	107	1,088	179	34.0	21.8	20.7	41.3	20.3	60.0
Middle Atlantic.....	16,822	16,022	14,199	3,055	14,434	3,852	39.9	25.8	22.4	42.3	22.2	43.3
New York.....	7,297	7,420	6,895	1,478	6,951	1,070	37.2	24.7	22.4	40.6	21.4	42.6
New Jersey.....	2,121	2,407	2,382	622	2,464	754	35.5	25.2	21.6	46.1	21.7	43.9
Pennsylvania.....	7,404	6,126	5,002	958	5,010	1,128	44.7	27.6	22.7	42.6	22.7	44.0
East North Central.....	17,815	18,729	17,370	3,444	17,789	3,831	39.2	26.3	22.9	40.6	22.7	39.0
Ohio.....	4,744	4,990	4,686	883	4,784	1,031	41.4	26.8	23.1	40.7	23.0	41.3
Indiana.....	2,595	2,620	2,402	313	2,250	361	42.1	27.0	23.9	39.5	22.0	38.6
Illinois.....	4,388	4,858	4,165	1,301	4,525	1,483	35.3	25.6	21.9	42.2	22.4	38.6
Michigan.....	4,032	4,230	4,067	827	4,068	787	40.7	26.3	23.2	38.5	23.0	35.9
Wisconsin.....	2,045	2,121	2,070	120	2,142	160	37.3	25.7	23.1	42.5	22.6	45.7
West North Central.....	9,236	8,806	7,571	867	7,490	981	39.2	26.3	22.3	45.5	21.4	42.4
Minnesota.....	1,753	1,889	1,724	58	1,806	55	33.2	25.1	21.4	43.6	20.8	34.7
Iowa.....	1,636	1,555	1,370	37	1,351	38	36.5	24.8	21.8	47.1	21.2	38.6
Missouri.....	2,885	2,510	1,910	471	1,833	583	46.0	29.2	23.2	40.9	21.0	42.0
North Dakota.....	593	453	402	31	377	26	45.1	26.6	24.0	66.8	23.0	42.3
South Dakota.....	466	473	400	78	337	70	37.3	26.6	23.1	56.8	20.1	61.4
Nebraska.....	732	796	735	75	733	62	36.0	25.0	22.3	58.3	22.6	42.8
Kansas.....	1,106	1,130	1,118	117	1,048	141	38.3	25.7	22.3	41.0	21.4	39.1
South Atlantic.....	21,200	17,997	10,084	8,043	10,918	9,008	57.1	33.7	23.8	44.1	24.6	47.9
Delaware.....	217	235	193	72	193	93	47.7	30.7	21.9	40.7	20.6	42.5
Maryland.....	1,590	1,465	1,191	682	1,374	828	40.1	27.0	22.4	46.7	23.1	46.0
Dist. of Columbia.....	554	603	224	449	207	532	40.3	30.4	23.7	39.2	31.4	39.4
Virginia.....	3,335	2,938	745	1,041	1,787	1,200	58.5	34.6	24.9	42.8	24.8	49.0
West Virginia.....	2,209	1,822	1,143	63	1,077	73	53.7	36.1	27.5	24.5	25.0	32.8
North Carolina.....	4,631	3,674	1,742	1,768	1,702	672	63.6	34.5	22.6	45.8	24.4	50.2
South Carolina.....	3,042	2,220	895	1,275	817	1,200	68.2	33.6	25.2	42.3	23.6	50.1
Georgia.....	3,744	3,064	1,475	1,527	1,550	1,083	67.3	33.5	22.9	45.4	24.3	47.5
Florida.....	1,815	2,078	1,476	1,176	2,066	1,508	53.8	32.1	23.0	46.8	25.3	48.7
East South Central.....	13,080	11,006	5,625	4,071	5,371	4,145	55.7	36.2	28.5	44.3	25.4	46.6
Kentucky.....	3,387	2,616	1,957	292	1,772	246	53.1	34.0	28.0	47.4	26.3	37.9
Tennessee.....	2,954	2,661	1,737	748	1,706	810	53.5	36.4	25.0	41.5	26.4	43.6
Alabama.....	3,870	3,044	1,241	1,375	1,205	1,411	61.5	36.8	24.9	43.1	23.5	45.3
Mississippi.....	2,860	2,385	690	1,650	688	1,678	54.4	36.7	24.0	46.4	24.6	51.3
West South Central.....	15,991	12,992	8,735	3,762	8,283	4,126	61.2	34.6	26.4	43.2	24.4	45.0
Arkansas.....	1,810	1,209	665	492	638	443	47.0	26.5	23.0	38.2	22.4	36.2
Louisiana.....	3,268	2,630	1,179	1,544	1,210	1,786	64.3	34.6	22.7	45.1	21.9	50.1
Oklahoma.....	2,238	1,514	1,058	281	950	287	49.9	30.2	24.1	45.8	21.5	40.4
Texas.....	8,675	7,630	5,833	1,445	5,405	1,610	68.3	37.4	25.3	42.8	25.0	43.9
Mountain.....	5,664	5,095	4,355	670	4,456	674	62.0	36.2	27.7	62.0	26.4	49.2
Montana.....	537	441	392	45	372	60	45.5	28.2	23.8	44.3	22.6	50.8
Idaho.....	556	434	346	3	369	13	42.9	27.1	20.7	25.8	21.8	44.5
Wyoming.....	232	247	221	24	208	18	44.7	32.5	25.5	87.6	26.1	52.0
Colorado.....	1,270	1,187	1,161	51	1,142	70	60.4	34.4	30.1	35.9	23.8	41.8
New Mexico.....	1,488	1,211	900	208	843	150	100.6	34.8	38.5	87.3	31.2	47.3
Arizona.....	983	953	689	283	851	296	85.5	45.8	29.0	67.2	29.3	52.6
Utah.....	539	533	469	20	493	22	40.4	23.7	20.0	41.2	19.7	34.8
Nevada.....	109	159	157	31	178	50	51.7	37.9	28.2	43.8	28.9	66.8
Pacific <sup>1</sup> .....	5,980	8,449	3,805	1,057	9,716	1,538	37.8	25.1	23.2	30.8	23.0	33.3
Washington.....	992	1,522	1,391	140	1,434	142	35.2	27.3	23.4	49.1	23.1	39.2
Oregon.....	585	812	887	49	879	42	33.2	22.5	23.5	44.4	24.8	35.4
California.....	4,403	6,115	6,527	868	7,293	1,194	39.2	25.0	23.1	28.6	22.8	30.5
Alaska.....	(2)	193	130	135	110	160	(?)	51.8	25.9	59.6	26.9	72.0
Hawaii <sup>2</sup> .....	421	337	86	250	115	295	44.7	24.0	21.5	20.3	23.3	24.3

<sup>1</sup> Beginning 1959, includes Alaska. <sup>2</sup> Not available. <sup>3</sup> By place of occurrence.

Source: Department of Health, Education, and Welfare, Public Health Service; annual report, *Vital Statistics of the United States*.

# No. 73. DEATHS AND DEATH RATE FROM ACCIDENTS, BY TYPE OF ACCIDENT: 1950 TO 1959

[Beginning 1950, includes Alaska]

TYPE OF ACCIDENT	1950	1955	1958	1959	RATE <sup>1</sup>			
					1950	1955	1958	1959
All accidents.....	91,249	93,443	90,604	92,080	60.6	56.9	52.3	52.2
Railway accidents.....	2,126	1,344	1,164	1,090	1.4	0.8	0.7	0.6
Motor-vehicle accidents.....	34,763	38,426	36,981	37,010	23.1	23.4	21.3	21.5
Traffic.....	33,863	37,437	36,052	36,962	22.5	22.8	20.8	21.0
Nontraffic.....	900	989	929	948	0.6	0.6	0.5	0.5
Other road-vehicle accidents.....	533	330	304	240	0.4	0.2	0.2	0.1
Water-transport accidents.....	1,502	1,452	1,653	1,595	1.0	0.9	1.0	0.9
Aircraft accidents.....	1,436	1,446	1,611	1,411	1.0	0.9	0.9	0.8
Accidental poisoning by—								
Solid and liquid substances.....	1,584	1,431	1,420	1,661	1.1	0.9	0.8	0.9
Gases and vapors.....	1,760	1,163	1,187	1,141	1.2	0.7	0.7	0.6
Accidental falls.....	20,783	20,102	18,248	18,774	13.8	12.3	10.5	10.6
Fall from one level to another.....	7,117	6,811	6,010	5,921	4.7	4.1	3.5	3.4
Fall on the same level.....	4,569	4,275	3,535	3,733	3.0	2.6	2.0	2.1
Unspecified falls.....	9,097	9,106	8,703	9,120	6.0	5.5	5.0	5.2
Blow from falling object.....	1,613	1,332	1,380	1,461	1.1	0.8	0.8	0.8
Accidents caused by—								
Machinery.....	1,771	2,010	1,812	1,970	1.2	1.2	1.0	1.1
Electric current.....	955	1,075	951	1,001	0.6	0.7	0.6	0.6
Fire and explosion of combustible material.....	6,405	6,352	7,201	6,898	4.3	3.9	4.2	3.9
Hot substances, corrosive liquid, steam, and radiation.....	842	742	332	305	0.6	0.5	0.2	0.2
Firearms.....	2,174	2,120	2,172	2,258	1.4	1.3	1.3	1.3
Inhalation and ingestion of food or other object causing obstruction or suffocation.....	1,350	1,608	2,191	2,180	0.9	1.0	1.3	1.2
Accidental drowning.....	4,785	5,046	5,066	5,046	3.2	3.1	2.9	2.9
Excessive heat and insulation.....	137	615	137	207	0.1	0.4	0.1	0.2
Complications due to nontherapeutic medical and surgical procedures, therapeutic misadventure, and late complications of therapeutic procedures.....	589	776	1,323	1,097	0.4	0.5	0.6	0.6
All other accidents.....	6,132	5,974	5,723	5,668	4.1	3.6	3.3	3.2

<sup>1</sup> Per 100,000 population residing in area. For 1950, based on population enumerated as of April 1; for other years based on population estimated as of July 1.

Source: Department of Health, Education, and Welfare, Public Health Service; annual report, *Vital Statistics of the United States*.

# No. 74. PERSONS INJURED PER YEAR AND RATE PER 100 PERSONS, BY CLASS OF ACCIDENT AND SEX: 1961

[For year ending June 30. Includes Alaska and Hawaii. Data refer to civilian noninstitutional population. Includes only persons with injuries involving 1 or more days of restricted activity or medical attendance. Based on a sample and subject to sampling variability; see source for detailed explanation]

CLASS OF ACCIDENT	PERSONS INJURED (1,000,000)			RATE PER 100 PERSONS		
	Both sexes	Male	Female	Both sexes	Male	Female
All classes.....	47.2	28.0	19.2	26.5	32.3	21.0
Motor vehicle:						
While at work.....	0.8	0.8	0.1	0.5	0.9	0.1
Not while at work.....	3.9	2.1	1.8	2.2	2.4	2.0
While at work.....	8.3	7.1	1.2	4.7	8.3	1.3
Home.....	20.3	9.9	10.4	11.4	11.4	11.4
Other.....	13.9	8.1	5.8	7.8	9.4	6.3

Source: Department of Health, Education, and Welfare, Public Health Service, U.S. National Health Survey; records.

No. 75. MARRIAGES, 1950, 1960, AND 1961, AND DIVORCES, 1950 AND 1959—  
NUMBER AND RATE PER 1,000 POPULATION, BY STATES

[Marriages by place of occurrence, divorces by place of legal residence]

STATE	MARRIAGES						DIVORCES <sup>3</sup>			
	Number			Rate <sup>2</sup>			Number		Rate <sup>2</sup>	
	1950	1960	1961 <sup>1</sup>	1950	1960	1961 <sup>1</sup>	1950	1959	1950	1959
U.S. <sup>4</sup>	1,667,231	1,527,000	1,547,000	11.1	8.5	8.5	385,144	395,000	2.6	2.2
New England	88,503	87,510	88,299	9.5	8.3	8.2	14,027	12,917	1.5	1.3
Maine	8,017	7,142	7,731	9.4	7.3	7.8	2,175	1,877	2.4	2.1
New Hampshire	7,031	7,205	7,407	14.3	11.9	11.9	1,040	1,049	2.0	1.8
Vermont	3,569	3,044	3,123	9.4	7.8	7.9	578	487	1.8	1.3
Massachusetts	41,711	40,538	40,643	8.9	9.0	8.9	6,515	5,458	1.4	1.1
Rhode Island	7,501	5,786	5,031	9.5	6.8	6.5	907	1,049	1.1	1.2
Connecticut	19,474	17,735	17,704	9.7	7.0	6.8	2,712	2,897	1.4	1.2
Middle Atlantic	277,035	239,924	242,057	9.2	7.0	7.0	59,274	26,028	1.0	0.8
New York	141,075	125,481	123,921	9.5	7.5	7.3	11,700	7,601	0.8	0.5
New Jersey	46,291	39,861	42,058	9.6	6.5	6.7	5,434	4,446	1.1	0.7
Pennsylvania	89,669	74,582	76,078	8.5	6.6	6.6	12,140	13,891	1.2	1.2
E. N. Central	317,344	283,269	282,044	10.4	7.8	7.7	77,279	74,408	2.5	(7)
Ohio	75,130	67,797	66,085	9.5	7.0	6.7	21,853	22,655	2.7	2.3
Indiana	61,650	43,086	41,428	13.7	9.2	8.8	11,600	8,228	2.9	(7)
Illinois	93,288	88,200	88,663	10.7	8.7	8.6	23,002	22,700	2.6	2.2
Michigan	58,180	50,607	61,699	9.1	7.6	7.8	15,070	10,168	2.5	2.0
Wisconsin	20,081	24,620	24,160	8.5	6.2	6.0	4,845	4,657	1.4	1.2
W. N. Central	137,285	121,016	119,528	9.8	7.8	7.7	30,702	28,755	2.2	1.9
Minnesota	30,991	23,532	24,008	10.4	6.0	6.9	4,049	3,820	1.4	1.1
Iowa	27,603	24,760	21,997	10.5	9.0	7.9	5,404	4,594	2.1	1.6
Missouri	34,300	36,442	35,817	8.7	8.4	8.2	12,177	11,824	3.1	2.8
North Dakota	5,108	3,906	4,264	8.2	6.3	6.6	589	590	1.0	0.9
South Dakota	6,969	5,804	6,218	10.7	8.5	9.0	920	703	1.4	1.1
Nebraska	13,828	10,652	11,049	10.4	7.5	7.7	2,554	2,201	1.9	1.5
Kansas	18,486	15,830	16,215	9.7	7.3	7.4	5,060	4,963	2.6	2.3
South Atlantic	265,061	259,636	270,236	12.5	10.0	10.2	53,722	55,237	2.5	2.1
Delaware	2,635	2,302	2,551	8.3	5.3	5.6	637	617	2.0	1.4
Maryland	50,661	41,728	40,767	21.6	13.4	12.8	5,030	5,319	2.2	1.8
Dist. of Col.	10,198	8,524	9,101	12.7	11.2	12.0	1,697	1,230	2.1	1.5
Virginia	36,732	37,470	38,287	11.1	9.4	9.4	5,941	7,111	1.8	1.8
West Virginia	17,109	13,877	13,360	8.6	7.5	7.2	4,200	3,398	2.1	1.7
North Carolina	29,751	31,691	33,190	7.3	6.9	7.2	6,361	6,369	1.6	1.4
South Carolina	40,175	40,007	40,340	21.8	10.7	16.8	2,300	3,034	1.1	1.3
Georgia	44,122	44,341	51,719	12.8	11.2	13.0	9,514	8,609	2.8	2.2
Florida	27,588	39,606	40,915	10.0	7.9	7.8	18,033	19,560	6.5	4.1
E. S. Central	134,272	110,618	112,333	11.7	9.2	9.2	30,736	36,176	2.7	(7)
Kentucky	33,019	26,733	26,194	11.2	8.8	8.5	8,100	6,888	2.8	(7)
Tennessee	21,092	30,763	31,656	6.6	8.6	8.8	7,828	9,205	2.4	2.6
Alabama	22,823	31,854	32,677	7.5	9.7	9.9	8,743	14,975	2.9	4.7
Mississippi	56,738	21,238	21,811	26.0	9.7	9.8	6,065	5,108	2.8	2.3
W. S. Central	190,039	163,716	170,525	13.1	9.6	9.9	65,500	58,039	4.5	(7)
Arkansas	51,534	18,703	19,241	27.0	10.5	10.7	8,800	5,617	4.6	3.2
Louisiana	26,900	24,210	24,690	10.0	7.4	7.4	5,400	3,666	2.0	(7)
Oklahoma	22,400	28,488	30,300	10.0	12.2	12.8	13,900	13,133	6.2	5.8
Texas	89,155	92,315	96,294	11.6	9.6	9.8	37,400	35,023	4.9	3.7
Mountain	132,594	121,959	125,213	26.1	17.7	17.7	27,931	31,275	5.5	(7)
Montana	7,235	5,821	5,046	12.2	8.6	8.3	1,951	2,062	3.3	3.0
Idaho	8,345	10,327	11,152	14.2	15.4	16.3	2,693	2,652	4.0	4.0
Wyoming	3,549	3,287	3,232	9.9	9.0	9.0	1,151	1,220	4.0	3.8
Colorado	13,735	15,001	16,831	10.4	9.0	9.5	4,400	5,900	3.3	3.5
New Mexico	22,717	7,352	6,547	33.3	7.7	6.7	2,655	2,093	3.9	(7)
Arizona	20,031	10,203	10,434	26.7	7.8	7.5	4,062	5,053	5.4	5.3
Utah	7,110	7,195	7,292	10.3	8.0	8.0	2,107	1,330	3.1	1.5
Nevada	49,872	61,738	64,070	31.5	21.4	21.3	8,900	9,500	55.7	34.0
Pacific <sup>4</sup>	125,098	153,189	156,668	8.6	7.2	7.1	55,973	63,601	3.9	3.3
Washington	34,438	28,303	28,500	14.5	9.9	9.8	11,197	9,341	4.7	3.3
Oregon	11,300	10,726	11,116	7.4	6.0	6.2	5,943	6,009	3.9	3.4
California	79,360	107,015	109,679	7.5	6.8	6.7	38,833	47,572	3.7	3.2
Alaska	1,722	1,893	2,081	13.4	8.3	8.9	451	679	3.5	3.6
Hawaii	5,575	5,252	5,262	11.2	8.2	8.1	1,173	1,878	2.3	2.1

<sup>1</sup> Provisional. Represents either marriages performed, licenses issued, or intentions filed.

<sup>2</sup> Per 1,000 population. Based on total population residing in area; population enumerated as of April 1 for 1950, estimated as of July 1 for other years.

<sup>3</sup> Includes reported annulments. <sup>4</sup> Beginning 1959, includes Alaska, and 1960, Hawaii. <sup>5</sup> Estimated.

<sup>6</sup> Incomplete. <sup>7</sup> Not available. <sup>8</sup> Marriage licenses.

Source: Department of Health, Education, and Welfare, Public Health Service; annual report, *Vital Statistics of the United States*, and *Monthly Vital Statistics Report*.



# **No. 76. ESTIMATES OF MARRIAGES FOR THE UNITED STATES AND MARRIAGE LICENSES ISSUED IN MAJOR CITY AREAS, BY MONTH: 1950 TO 1961**

(Beginning 1959, includes Alaska, and 1960, Hawaii. Provisional data. Figures for major-city areas represent licenses issued in 35 cities with population of 100,000 or more according to the 1950 Census, and in 69 counties containing the remaining 72 cities in that population-size group. These areas contain nearly two-fifths of the total population of the United States)

MONTH	UNITED STATES <sup>1</sup>					MAJOR CITY AREAS				
	1950	1955	1959	1960	1961	1950	1955	1959	1960	1961
<b>Total.....</b>	<b>1,651,000</b>	<b>1,524,000</b>	<b>1,494,000</b>	<b>1,527,000</b>	<b>1,547,000</b>	<b>575,414</b>	<b>503,479</b>	<b>511,708</b>	<b>522,470</b>	<b>523,296</b>
January.....	95,000	101,000	96,000	93,000	96,000	35,919	34,321	36,333	34,037	35,303
February.....	101,000	98,000	91,000	105,000	97,000	33,591	31,306	29,501	35,925	29,858
March.....	92,000	94,000	95,000	91,000	99,000	33,356	30,606	35,309	31,160	35,492
April.....	132,000	119,000	110,000	118,000	113,000	45,121	42,097	39,584	42,329	38,498
May.....	125,000	126,000	116,000	120,000	119,000	52,160	46,333	44,082	47,367	47,295
June.....	191,000	182,000	205,000	201,000	198,000	65,849	61,492	63,722	63,345	61,821
July.....	151,000	127,000	129,000	135,000	134,000	48,192	39,928	45,278	43,206	42,884
August.....	167,000	152,000	146,000	150,000	155,000	65,453	52,695	52,968	56,858	58,089
September.....	178,000	141,000	143,000	145,000	153,000	57,081	45,609	46,460	46,926	46,499
October.....	142,000	129,000	121,000	122,000	128,000	49,395	41,146	41,167	41,264	43,236
November.....	130,000	125,000	116,000	121,000	122,000	44,231	38,714	38,609	39,887	42,329
December.....	145,000	131,000	127,000	127,000	132,000	45,057	39,262	38,695	40,176	41,492

<sup>1</sup> For method of estimating marriages by month for United States, see *Monthly Vital Statistics Report*, Vol. 4, No. 1, and Vol. 8, No. 10. Comparable final figures available on marriages for years shown are 1,667,231 in 1950; 1,531,000 in 1955; 1,494,000 in 1959.

Source: Department of Health, Education, and Welfare, Public Health Service; *Monthly Vital Statistics Report*.

# **No. 77. MEDIAN AGE OF BRIDE AND GROOM AT FIRST MARRIAGE AND REMARRIAGE, BY REPORTING STATES: 1957 TO 1959**

[By place of occurrence. Medians for total and each State were computed from distribution of marriages by single year of age. See headnote, table 18, for definition of median]

STATE	1957				1958				1959			
	First marriage		Re-marriage		First marriage		Re-marriage		First marriage		Re-marriage	
	Bride	Groom	Bride	Groom	Bride	Groom	Bride	Groom	Bride	Groom	Bride	Groom
<b>Total, 25 States<sup>1</sup></b>	<b>20.0</b>	<b>22.8</b>	<b>35.1</b>	<b>39.6</b>	<b>20.2</b>	<b>22.7</b>	<b>35.3</b>	<b>39.8</b>	<b>20.2</b>	<b>22.7</b>	<b>35.4</b>	<b>39.7</b>
Alabama.....	19.6	22.4	35.3	39.9	19.3	22.2	34.6	39.7	19.2	22.0	33.8	38.9
Alaska.....	19.7	23.1	35.0	37.8	19.8	23.6	33.3	37.9	19.8	23.4	32.4	37.1
California.....	(2)	(2)	(2)	(2)	19.9	22.6	35.3	39.2	19.9	22.6	35.3	39.2
Connecticut.....	21.8	24.5	36.8	41.3	21.6	24.2	36.9	41.7	21.5	24.0	36.9	41.3
Delaware.....	20.7	23.3	37.5	40.6	20.5	23.1	35.9	39.0	20.5	22.8	37.9	41.6
Florida.....	20.3	23.3	37.1	42.0	(3)	(2)	(2)	(2)	20.0	22.9	36.6	41.5
Georgia.....	19.2	22.2	33.2	37.7	19.3	22.0	33.3	38.3	19.5	22.0	33.1	37.9
Hawaii.....	21.8	24.5	32.8	37.3	21.7	24.3	32.8	37.6	21.4	24.1	34.1	37.2
Idaho.....	19.0	21.8	32.9	37.6	18.9	21.6	32.3	36.6	18.9	21.5	32.6	36.5
Iowa.....	19.9	22.5	35.4	38.8	19.8	22.3	35.9	39.4	19.7	22.1	35.8	39.1
Kansas.....	19.6	22.3	34.2	38.9	19.5	22.1	34.5	38.2	19.5	22.0	34.4	38.4
Louisiana.....	19.9	22.6	35.9	41.5	19.5	22.3	35.7	41.2	19.5	22.2	35.6	41.0
Maine.....	19.8	22.5	34.1	37.8	19.7	22.3	35.4	37.3	19.7	22.5	33.9	37.9
Maryland.....	20.0	23.2	35.9	40.0	19.9	22.6	36.0	40.2	19.9	22.8	35.9	39.9
Michigan.....	20.1	22.7	36.1	39.7	20.1	22.6	36.0	40.2	20.0	22.6	36.1	39.9
Mississippi.....	19.0	22.0	33.0	38.1	19.0	21.9	35.8	38.6	19.2	22.0	34.2	39.0
Montana.....	19.6	23.0	33.5	37.3	19.4	22.7	33.8	37.3	19.6	22.7	33.7	38.1
Nebraska.....	20.3	23.0	35.2	39.5	20.2	22.8	34.1	38.8	20.1	22.6	34.8	39.1
New Hampshire.....	20.5	23.3	34.8	39.0	20.4	23.0	34.4	38.6	20.1	22.7	34.0	38.2
New York.....	20.9	23.7	38.9	44.3	20.8	23.4	39.5	44.6	20.7	23.4	39.3	44.7
Ohio.....	20.6	23.0	35.4	39.7	20.4	22.8	35.3	39.5	20.4	22.7	35.5	39.3
Oregon.....	19.6	22.3	36.9	41.0	19.6	22.1	36.5	40.5	19.5	22.0	36.3	39.3
Pennsylvania.....	21.6	24.2	37.3	42.3	21.5	23.8	37.7	42.2	21.5	23.6	37.8	42.4
Rhode Island.....	(2)	(2)	(2)	(2)	21.2	23.6	37.0	42.1	21.2	23.4	36.6	40.5
South Dakota.....	20.0	23.0	34.9	39.9	19.9	22.9	34.9	37.8	19.9	22.8	35.5	39.3
Tennessee.....	19.9	22.4	34.0	39.3	19.7	22.2	33.4	38.7	19.6	22.1	33.4	38.3
Utah.....	19.4	22.1	34.2	37.6	19.5	22.1	33.9	37.5	19.5	22.2	34.1	38.3
Vermont.....	20.3	23.1	35.9	43.0	20.0	22.7	35.2	42.2	19.8	22.6	35.7	43.2
Virginia.....	21.1	23.0	34.8	39.9	20.9	22.9	38.3	39.9	20.7	22.8	35.4	40.2
Wisconsin.....	(2)	(2)	(2)	(2)	20.5	23.0	39.6	44.3	20.5	23.0	38.3	43.0
Wyoming.....	19.7	22.9	33.4	37.1	19.6	22.7	33.2	37.2	19.6	22.6	34.2	37.6

<sup>1</sup> Excludes Alaska, California, Florida, Hawaii, Rhode Island, and Wisconsin.

<sup>2</sup> Not available. <sup>3</sup> Includes previous marriages annulled. <sup>4</sup> Excludes New York City.

Source: Department of Health, Education, and Welfare, Public Health Service; annual report, *Vital Statistics of the United States*.

## No. 78. MARRIAGE AND DIVORCE RATES: 1920 TO 1959

[Beginning 1959, includes Alaska. Marriage rate per 1,000 unmarried females, divorce rate per 1,000 married females, 15 years old and over. See also *Historical Statistics, Colonial Times to 1957*, series B 177 and B 179]

YEAR	Marriage rate	Divorce rate	YEAR	Marriage rate	Divorce rate	YEAR	Marriage rate	Divorce rate
1920.....	92.0	8.0	1950.....	90.2	10.3	1956.....	82.4	9.4
1930.....	67.6	7.5	1951.....	86.6	9.9	1967.....	78.0	9.2
1940.....	82.8	8.8	1952.....	83.2	10.1	1968.....	72.0	8.9
1945.....	83.6	14.4	1953.....	83.7	9.0	1969.....	73.6	9.3
1948.....	98.5	11.2	1954.....	79.8	9.5			
1949.....	86.7	10.6	1955.....	80.9	9.3			

Source: Department of Health, Education, and Welfare, Public Health Service; *Vital Statistics of the United States 1959*, Vol. 1.

## No. 79. MEDIAN AGE AT FIRST MARRIAGE, BY SEX: 1920 TO 1961

[Beginning 1960, includes Alaska and Hawaii. 1947 to 1961 based on sample. See headnote, table 18, for definition of median. See also *Historical Statistics, Colonial Times to 1957*, series A 228-229]

YEAR	Male	Female	YEAR	Male	Female
1920.....	24.0	21.2	1953.....	22.8	20.2
1930.....	24.3	21.3	1954.....	23.0	20.3
1940.....	24.3	21.5	1955.....	22.6	20.2
1947.....	23.7	20.5	1956.....	22.5	20.1
1948.....	23.3	20.4	1957.....	22.6	20.3
1949.....	22.7	20.3	1958.....	22.6	20.2
1950.....	22.8	20.3	1959.....	22.6	20.2
1951.....	22.9	20.4	1960.....	22.8	20.3
1952.....	23.0	20.2	1961.....	22.8	20.3

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 114.

## No. 80. MARRIAGES, BY PREVIOUS MARITAL STATUS OF BRIDE AND OF GROOM, BY REPORTING STATES: 1959

[By place of occurrence. Includes only marriages occurring within the reporting area]

STATE	Total marriages	PREVIOUS MARITAL STATUS OF—							
		Brides				Grooms			
		Single	Widowed	Divorced	Not stated	Single	Widowed	Divorced	Not stated
<b>Total, 29 States<sup>1</sup></b>	<b>697,683</b>	<b>533,202</b>	<b>43,416</b>	<b>114,392</b>	<b>6,673</b>	<b>539,887</b>	<b>38,112</b>	<b>113,315</b>	<b>6,369</b>
Alabama.....	30,722	23,405	2,014	5,213	—	23,490	1,836	5,396	—
Alaska.....	1,763	1,100	83	612	59	1,197	44	477	45
California.....	101,314	72,952	6,063	21,937	362	74,897	4,928	21,135	354
Connecticut.....	17,509	13,600	1,006	2,840	3	13,621	967	2,920	1
Delaware.....	2,383	1,948	148	275	12	1,971	124	281	7
Florida.....	38,588	24,221	3,743	10,510	105	25,145	3,155	10,232	56
Georgia.....	48,928	34,083	3,321	9,009	715	35,774	2,632	9,956	566
Hawaii.....	4,958	3,857	160	941	—	3,994	141	823	—
Idaho.....	9,343	6,364	600	2,372	7	6,683	382	2,276	2
Iowa.....	25,116	20,244	1,431	3,382	59	20,392	1,150	3,526	48
Kansas.....	16,040	12,297	943	2,653	147	12,601	832	2,480	127
Louisiana.....	21,453	13,452	1,112	2,922	3,967	13,611	976	2,921	3,945
Maine.....	7,599	5,988	417	1,194	—	6,068	401	1,130	—
Maryland.....	39,770	30,396	2,663	6,800	11	30,726	2,264	6,756	24
Mississippi.....	20,447	14,398	1,497	4,258	204	14,433	1,414	4,276	324
Montana.....	6,228	4,262	428	1,533	5	4,521	302	1,403	2
Nebraska.....	10,724	8,313	648	1,763	—	8,537	532	1,655	—
New Hampshire.....	7,287	5,275	445	1,567	—	5,335	367	1,585	—
New Jersey.....	38,659	32,026	2,289	4,176	108	31,675	2,182	4,518	284
New York <sup>2</sup> .....	53,630	45,386	3,326	4,686	232	45,760	3,237	4,461	172
Oregon.....	10,166	7,646	701	1,785	34	7,770	500	1,854	42
Pennsylvania.....	71,719	60,390	3,657	7,427	245	60,208	3,772	7,567	172
Rhode Island.....	5,770	4,875	236	651	8	4,894	254	617	5
South Dakota.....	5,861	4,705	341	815	—	4,838	255	768	—
Tennessee.....	30,213	22,621	1,967	5,545	80	22,730	1,743	5,662	78
Utah.....	6,734	5,678	285	751	20	5,642	303	771	18
Vermont.....	3,235	2,726	172	333	4	2,728	167	335	4
Virginia.....	37,768	29,794	2,378	5,596	—	30,253	2,082	5,433	—
Wisconsin.....	25,637	22,153	1,288	2,064	182	22,380	1,145	2,022	90
Wyoming.....	3,077	1,905	254	914	14	2,007	166	901	3

<sup>1</sup> Excludes Hawaii. <sup>2</sup> Excludes New York City.

Source: Department of Health, Education, and Welfare, Public Health Service; annual report, *Vital Statistics of the United States*.

# No. 81. DIVORCES AND ANNULMENTS—MEDIAN DURATION OF MARRIAGE IN YEARS, BY REPORTING STATES: 1950 TO 1959

[By place of legal residence. See headnote, table 18, for definition of median]

STATE	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959
Total, reporting States <sup>1</sup>	5.8	6.0	6.1	6.1	6.4	6.4	6.5	6.7	6.4	7.0
Alabama.....	( <sup>2</sup> )	( <sup>2</sup> )	5.9	6.3	6.3	6.5	6.7	<sup>3</sup> 7.1	7.4	7.6
Alaska.....	5.0	5.7	5.4	5.1	6.3	5.7	5.9	6.0	6.5	6.0
Connecticut.....	9.6	9.3	9.3	9.1	8.9	9.2	9.4	9.7	( <sup>2</sup> )	( <sup>2</sup> )
Delaware.....	( <sup>2</sup> )	5.5	( <sup>2</sup> )	9.7	9.0	9.6	9.8	9.9	( <sup>2</sup> )	( <sup>2</sup> )
Florida.....	6.0	6.3	6.3	6.4	6.6	6.7	6.6	6.7	( <sup>2</sup> )	( <sup>2</sup> )
Georgia.....	( <sup>2</sup> )	( <sup>2</sup> )	<sup>4</sup> 4.9	<sup>3</sup> 5.7	<sup>3</sup> 6.7	<sup>3</sup> 5.6	<sup>3</sup> 6.0	<sup>3</sup> 6.1	5.9	6.1
Hawaii.....	( <sup>2</sup> )	<sup>3</sup> 6.2	6.0	6.5	6.5	6.9	6.6	6.5	7.0	6.9
Idaho.....	4.2	4.5	4.5	4.4	4.7	4.2	4.2	4.7	4.6	4.2
Iowa.....	4.5	4.0	4.9	5.0	5.0	5.0	5.1	5.3	5.6	5.4
Kansas.....	( <sup>2</sup> )	( <sup>2</sup> )	6.0	6.1	5.7	5.7	6.1	6.2	( <sup>2</sup> )	6.3
Maine.....	6.0	6.8	6.5	6.4	6.6	6.5	7.3	6.7	( <sup>2</sup> )	( <sup>2</sup> )
Michigan.....	6.6	<sup>3</sup> 6.6	<sup>3</sup> 6.7	<sup>3</sup> 6.7	<sup>3</sup> 7.1	<sup>3</sup> 7.2	7.4	7.5	( <sup>2</sup> )	( <sup>2</sup> )
Mississippi.....	5.0	5.3	5.0	5.4	5.5	5.5	5.8	6.3	( <sup>2</sup> )	( <sup>2</sup> )
Missouri.....	5.2	<sup>3</sup> 5.6	5.8	5.7	<sup>3</sup> 5.9	<sup>3</sup> 5.9	<sup>3</sup> 6.9	<sup>3</sup> 6.1	( <sup>2</sup> )	( <sup>2</sup> )
Montana.....	( <sup>2</sup> )	5.7	5.9	5.4	5.1	4.8	5.1	5.2	5.4	5.1
Nebraska.....	<sup>1</sup> 5.7	5.9	6.1	6.0	5.5	5.6	<sup>3</sup> 6.0	6.1	5.9	6.0
New Hampshire.....	7.2	7.5	6.7	7.1	7.2	7.0	7.6	7.0	( <sup>2</sup> )	( <sup>2</sup> )
North Dakota.....	5.7	5.8	6.5	6.7	7.2	7.3	6.8	6.4	( <sup>2</sup> )	( <sup>2</sup> )
Ohio.....	( <sup>2</sup> )	( <sup>2</sup> )	6.0	6.2	6.4	6.4	6.5	6.7	( <sup>2</sup> )	( <sup>2</sup> )
Oregon.....	4.7	5.1	5.2	5.2	5.1	5.1	5.6	5.7	5.9	6.0
Pennsylvania.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	9.1
South Dakota.....	4.8	5.5	5.3	5.3	5.7	5.7	6.1	5.9	5.9	6.2
Tennessee.....	4.6	5.0	5.4	5.6	5.5	5.6	5.6	5.5	<sup>3</sup> 5.7	6.1
Utah.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	5.0	5.4	5.4
Vermont.....	( <sup>2</sup> )	9.1	9.6	8.8	9.5	9.0	9.6	9.8	( <sup>2</sup> )	( <sup>2</sup> )
Virginia.....	8.2	8.3	7.7	7.7	7.7	7.9	8.1	8.5	8.5	8.7
Wisconsin.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	7.4
Wyoming.....	4.2	<sup>3</sup> 4.5	<sup>3</sup> 5.0	<sup>3</sup> 4.9	<sup>3</sup> 5.1	4.7	<sup>3</sup> 5.4	5.0	5.4	5.1

<sup>1</sup> Beginning 1959, includes Alaska; excludes Hawaii. <sup>2</sup> Not available. <sup>3</sup> Based on incomplete data.

<sup>4</sup> Estimated. <sup>5</sup> July–December. <sup>6</sup> Includes 7 decrees of separate maintenance.

<sup>7</sup> Excludes annulments. <sup>8</sup> Includes 16 decrees of separate maintenance.

Source: Department of Health, Education, and Welfare, Public Health Service; annual report, *Vital Statistics of the United States*.

# No. 82. DIVORCES AND ANNULMENTS—PERCENT DISTRIBUTION BY NUMBER OF CHILDREN, BY REPORTING STATES: 1959

[By place of legal residence. Data relate to children under 18 years of age except as noted. Excludes cases for which the number of children was not stated]

STATE	Total	NUMBER OF CHILDREN REPORTED							
		None	1	2	3	4	5	6	7 or more
Total, 16 States <sup>1</sup>	100.0	40.9	25.5	18.4	8.8	3.8	1.5	0.6	0.4
Alabama.....	100.0	37.6	28.8	20.4	8.1	3.1	1.3	0.4	0.2
Alaska <sup>2</sup> .....	100.0	42.9	21.2	17.6	9.1	5.0	1.5	0.9	1.2
Georgia.....	100.0	45.7	25.1	16.2	7.8	3.1	1.4	0.5	0.3
Hawaii.....	100.0	28.1	20.2	20.3	12.3	8.3	4.9	2.6	2.9
Idaho.....	100.0	43.7	23.1	17.4	8.0	5.1	1.6	0.8	0.3
Iowa.....	100.0	35.3	25.3	18.9	9.9	4.5	1.7	0.8	0.6
Kansas <sup>3</sup> .....	100.0	42.1	22.0	18.5	9.3	4.7	1.7	0.8	0.9
Montana.....	100.0	40.0	24.7	17.7	10.6	4.3	1.6	0.6	0.4
Nebraska <sup>4</sup> .....	100.0	43.6	21.4	18.5	9.3	4.2	1.7	1.0	0.4
Oregon <sup>4</sup> .....	100.0	44.5	21.7	17.8	9.4	4.2	1.5	0.4	0.4
Pennsylvania.....	100.0	32.5	31.4	22.1	9.2	3.3	0.9	0.3	0.3
South Dakota.....	100.0	37.9	23.5	18.5	11.3	5.4	2.4	0.4	0.8
Tennessee.....	100.0	46.9	23.8	15.2	7.7	3.5	1.6	0.7	0.6
Utah.....	100.0	35.1	23.7	20.8	10.7	5.4	2.9	0.9	0.0
Virginia <sup>2</sup> .....	100.0	45.3	24.9	16.5	8.0	3.2	1.4	0.4	0.4
Wisconsin.....	100.0	36.0	24.2	18.3	11.3	5.2	2.2	0.9	0.9
Wyoming.....	100.0	44.5	23.9	17.0	8.4	4.0	1.8	0.2	0.2

<sup>1</sup> Excludes Hawaii. <sup>2</sup> Children under 21 years of age.

<sup>3</sup> Age of child not specified. <sup>4</sup> All dependent children.

Source: Department of Health, Education, and Welfare, Public Health Service; *Vital Statistics of the United States, 1959*, Vol. 1.

### No. 83. PHYSICIANS, DENTISTS, AND GRADUATE NURSES, AND RATE PER 100,000 PERSONS, BY REGIONS: 1920 TO 1960

[Data for physicians as of midyear; beginning 1960, includes osteopaths. Data for dentists and nurses, 1920 to 1950, as of census date; beginning 1955, as of midyear for dentists and December 31 for nurses. Beginning 1959, includes Alaska and Hawaii. For States comprising regions, see map, p. XII. See also *Historical Statistics, Colonial Times to 1867*, series B 180-185]

PROFES- SION AND YEAR	Number	RATE PER 100,000 PERSONS <sup>1</sup>					PROFES- SION AND YEAR	Number	RATE PER 100,000 PERSONS <sup>1</sup>				
		United States	North- east	North- Central	South	West			United States	North- east	North- Central	South	West
Physi- cians: <sup>2</sup>							Dentists: <sup>2</sup>						
1921.....	145,404	134	138	138	121	152	1920.....	56,152	53	63	59	31	79
1923.....	145,966	130	135	134	116	150	1930.....	71,055	58	69	65	33	82
1925.....	147,010	127	134	130	111	147	1940.....	69,921	53	67	62	29	68
1927.....	149,521	126	137	128	107	144	1950 <sup>3</sup> .....	86,876	57	76	61	32	64
1929.....	152,503	125	138	127	106	144	1955 <sup>3</sup> .....	94,510	57	72	56	34	60
1931.....	155,406	126	141	128	104	147	1959 <sup>3</sup> .....	96,227	57	72	55	34	61
1934.....	161,359	128	149	128	102	147	1957 <sup>3</sup> .....	97,010	57	72	55	34	60
							1958 <sup>3</sup> .....	98,540	57	72	54	34	61
1936.....	165,163	129	154	129	101	147	1959 <sup>3</sup> .....	100,615	57	71	55	35	61
1938.....	169,628	131	160	130	101	146	1960 <sup>3</sup> .....	101,947	56	70	55	36	60
1940.....	175,163	133	167	130	101	147							
1942.....	180,496	134	172	132	105	138	Nurses: <sup>4</sup>						
1949.....	201,277	135	168	124	99	141	1920.....	103,900	98	133	87	60	166
1955.....	218,061	132	160	117	103	142	1930.....	214,300	175	239	159	104	262
1957 <sup>3</sup> .....	226,625	132	161	112	100	141	1940.....	284,200	216	304	193	134	299
1959 <sup>3</sup> .....	236,818	133	160	111	102	143	1950.....	375,000	249	321	233	174	318
1960 <sup>3</sup> .....	255,972	142	166	124	107	155	1955.....	430,000	259	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
							1958.....	460,000	268	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
							1960.....	504,000	282	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )

<sup>1</sup> Based on total population including Armed Forces abroad. <sup>2</sup> Excludes graduates of that year.

<sup>3</sup> U.S. number and rate include Federal physicians and dentists not allocated by region. Regional rates based on civilian population. 1960 total for physicians comprises 241,617 M.D.'s and 14,355 D.O.'s; U.S. rate per 100,000 persons is 134 M.D.'s and 8 D.O.'s.

<sup>4</sup> Active professional graduates. <sup>5</sup> Not available for regions. U.S. totals estimated.

### No. 84. PHYSICIANS AND DENTISTS, AND RATE PER 100,000 PERSONS, BY STATES: 1960

(As of midyear. See headnote, table 83)

STATE	PHYSICIANS <sup>1</sup>		DENTISTS		STATE	PHYSICIANS <sup>1</sup>		DENTISTS	
	Num- ber	Rate <sup>2</sup>	Num- ber	Rate <sup>2</sup>		Num- ber	Rate <sup>2</sup>	Num- ber	Rate <sup>2</sup>
<b>United States<sup>3</sup></b> .....	255,972	142	101,947	56	Missouri.....	6,120	141	2,369	55
Alabama.....	2,484	76	955	29	Montana.....	694	103	354	52
Alaska.....	115	50	56	25	Nebraska.....	1,591	112	894	63
Arizona.....	1,450	112	470	36	Nevada.....	318	112	120	45
Arkansas.....	1,627	92	548	31	New Hampshire.....	815	135	287	47
California.....	27,427	175	9,550	61	New Jersey.....	7,894	130	3,819	63
Colorado.....	2,933	108	1,018	58	New Mexico.....	854	90	258	27
Connecticut.....	4,290	170	1,733	68	New York.....	32,421	193	13,811	82
Delaware.....	567	128	170	38	North Carolina.....	4,239	93	1,345	30
Dist. of Columbia.....	2,511	329	721	94	North Dakota.....	511	81	273	43
Florida.....	6,620	131	2,266	46	Ohio.....	12,337	127	4,600	48
Georgia.....	3,009	93	1,092	28	Oklahoma.....	2,637	113	904	30
Hawaii.....	685	108	385	61	Oregon.....	2,452	139	1,323	75
Idaho.....	617	92	311	47	Pennsylvania.....	16,240	143	6,834	60
Illinois.....	13,221	131	6,249	62	Rhode Island.....	1,178	138	482	56
Indiana.....	4,738	101	2,143	46	South Carolina.....	1,868	78	503	21
Iowa.....	3,237	117	1,610	58	South Dakota.....	526	78	305	45
Kansas.....	2,416	111	1,015	47	Tennessee.....	3,812	107	1,428	40
Kentucky.....	2,709	89	1,100	36	Texas.....	10,242	107	3,276	34
Louisiana.....	3,642	111	1,164	36	Utah.....	1,155	129	535	60
Maine.....	1,179	122	440	45	Vermont.....	620	159	184	47
Maryland.....	4,256	138	1,259	41	Virginia.....	4,048	102	1,402	35
Massachusetts.....	9,424	183	3,520	68	Washington.....	3,813	133	1,930	68
Michigan.....	10,285	131	3,900	51	West Virginia.....	1,770	95	703	38
Minnesota.....	4,655	136	2,346	69	Wisconsin.....	4,298	109	2,483	63
Mississippi.....	1,679	77	590	28	Wyoming.....	299	90	161	40

<sup>1</sup> Includes osteopaths; see footnote 3, table 83.

<sup>2</sup> U.S. rate based on total population including Armed Forces abroad; State rates based on civilian population.

<sup>3</sup> Includes 16,889 physicians and 6,585 dentists in the Federal service, not allocated by States.

Source of tables 83 and 84: Department of Health, Education, and Welfare, Public Health Service. Compiled from data provided by the American Medical Association, American Osteopathic Association, American Dental Association, and American Nurses' Association.

# Physician and Dental Visits

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## No. 85. PHYSICIAN VISITS PER YEAR, BY SEX, AGE, RESIDENCE, AND FAMILY INCOME: 1957-59

[Excludes Alaska and Hawaii. Data are annual averages based on household interviews from July 1957 through June 1959 and refer to the civilian noninstitutional population]

SEX AND AGE OF PATIENTS	Total	RESIDENCE			FAMILY INCOME			
		Urban	Rural nonfarm	Rural farm	Under \$2,000	\$2,000 to \$3,999	\$4,000 to \$6,999	\$7,000 and over
Total.....1,000,000..	851.6	546.2	229.3	76.1	114.9	168.5	312.8	204.1
By sex:								
Male.....do.....	360.0	224.4	101.5	35.0	45.5	70.1	134.5	89.9
Female.....do.....	490.7	321.8	127.8	41.1	69.5	98.5	178.2	114.2
VISITS PER PERSON								
Total.....	5.0	5.3	4.9	3.8	4.6	4.6	5.1	5.7
By age:								
0 to 4 years.....	6.2	6.7	6.0	4.1	4.2	5.4	6.6	7.6
5 to 14 years.....	3.7	4.0	3.6	2.5	2.3	2.5	3.9	4.9
15 to 24 years.....	4.5	4.8	4.4	3.3	4.0	4.4	4.8	4.8
25 to 44 years.....	4.9	5.1	4.8	3.9	3.9	4.6	4.9	5.7
45 to 64 years.....	5.4	5.6	5.5	4.2	5.1	5.4	5.4	5.6
65 years and over.....	6.8	6.9	6.7	6.0	6.5	6.6	6.9	8.7
By sex:								
Male.....	4.4	4.6	4.4	3.4	4.0	4.0	4.4	5.0
Female.....	5.6	6.0	5.4	4.2	5.1	5.2	5.8	6.4

Source: Department of Health, Education, and Welfare, Public Health Service; *Health Statistics From the U.S. National Health Survey*.

## No. 86. DENTAL VISITS PER YEAR, BY SEX, AGE, RESIDENCE, AND FAMILY INCOME: 1957-59

[Excludes Alaska and Hawaii. Data are annual averages based on household interviews from July 1957 through June 1959 and refer to the civilian noninstitutional population]

SEX AND AGE OF PATIENTS	Total	RESIDENCE			FAMILY INCOME			
		Urban	Rural nonfarm	Rural farm	Under \$2,000	\$2,000 to \$3,999	\$4,000 to \$6,999	\$7,000 and over
Total.....1,000,000..	253.5	180.5	60.8	17.1	17.9	37.7	104.2	87.8
By sex:								
Male.....do.....	108.1	74.8	25.7	7.6	(1)	(1)	(1)	(1)
Female.....do.....	150.4	105.7	35.2	9.5	(1)	(1)	(1)	(1)
VISITS PER PERSON								
Total.....	1.5	1.8	1.3	0.8	0.7	1.0	1.6	2.5
By age:								
0 to 4 years.....	0.3	0.3	0.3	0.1	0.0	0.2	0.3	0.5
5 to 14 years.....	1.8	2.2	1.6	1.0	0.7	0.9	1.9	3.1
15 to 24 years.....	2.2	2.5	1.9	1.3	1.2	1.7	2.3	3.3
25 to 44 years.....	1.8	2.0	1.5	0.9	0.8	1.2	1.8	2.5
45 to 64 years.....	1.5	1.7	1.2	0.8	0.8	1.1	1.6	2.4
65 years and over.....	0.8	0.9	0.5	0.5	0.5	0.9	1.0	1.1
By sex:								
Male.....	1.3	1.5	1.1	0.7	(1)	(1)	(1)	(1)
Female.....	1.7	2.0	1.5	1.0	(1)	(1)	(1)	(1)

<sup>1</sup> Not available.

Source: Department of Health, Education, and Welfare, Public Health Service; *Health Statistics From the U.S. National Health Survey*.

**NO. 87. PERSONAL HEALTH SERVICES—GROSS FAMILY MEDICAL CHARGES, HEALTH INSURANCE BENEFITS COVERING CHARGES, AND CHARGES PER FAMILY BY RESIDENCE, BY TYPE OF SERVICE OR GOODS: 1953 AND 1958**

[For years ending June 30. Excludes Alaska and Hawaii. Data are based on a national survey conducted by the National Opinion Research Center, University of Chicago. This survey consisted of a sample ("area probability" type) of 2,809 families comprising 8,846 persons in 1953 and 2,941 families comprising 9,546 persons in 1958. Excludes health insurance premiums]

SERVICE OR GOODS	Gross charges incurred, amount (billion dollars)	INSURANCE BENEFITS COVERING CHARGES INCURRED		CHARGES PER FAMILY			
		Amount (billion dollars)	Percent charges covered by benefits	Urban		Rural nonfarm	Rural farm
				Areas of 1,000,000 inhabitants or more	Other		
<b>1953</b>							
<b>Total</b> .....	10.2	1.5	15	\$237	\$204	\$197	\$178
Physicians' charges.....	3.8	.5	13	91	74	79	69
Surgery.....	.8	.3	38	(1)	(1)	(1)	(1)
Obstetrics.....	.4	.1	25	(1)	(1)	(1)	(1)
Other physicians.....	2.6	.1	4	(1)	(1)	(1)	(1)
Hospitals.....	2.0	1.0	50	39	44	42	35
Prescriptions and other medicines.....	1.5	(2)	32	29	29	30	33
Other medical goods and services.....	1.3	(2)	1	27	27	25	25
Dentists <sup>3</sup> .....	1.6	(2)	51	31	31	24	19
<b>1958</b>							
<b>Total</b> .....	16.2	3.1	19	340	284	297	211
Physicians' charges.....	5.4	1.0	18	108	94	105	71
Surgery.....	1.1	.5	43	(1)	(1)	(1)	(1)
Obstetrics.....	.5	.2	30	(1)	(1)	(1)	(1)
Other physicians.....	3.8	.3	7	(1)	(1)	(1)	(1)
Hospitals.....	3.7	2.2	58	74	67	70	51
Prescriptions and other medicines.....	3.3	(2)	1	64	58	63	47
Other medical goods and services.....	1.3	(2)	1	28	24	24	19
Dentists <sup>3</sup> .....	2.4	(2)	66	41	41	35	23

<sup>1</sup> Not available.

<sup>2</sup> Less than \$50,000,000.

<sup>3</sup> Includes expenditures made directly to dental laboratories for X-rays, denture repair, and manufacture of dentures on basis of impressions taken by dentists.

**NO. 88. PERSONAL HEALTH SERVICES—CHARGES INCURRED AND FAMILY OUTLAY, BY FAMILY INCOME GROUP AND HEALTH INSURANCE STATUS: 1953 AND 1958**

[For years ending June 30. Excludes Alaska and Hawaii. See headnote, table 87]

FAMILY INCOME GROUP	MEAN GROSS CHARGES PER FAMILY			MEDIAN GROSS CHARGES PER FAMILY			AGGREGATE FAMILY OUTLAY, PERCENT <sup>1</sup>		
	All families	Insured	Uninsured	All families	Insured	Uninsured	All families	Insured	Uninsured
<b>1953</b>									
<b>Total, all income groups</b> .....	\$207	\$237	\$154	\$110	\$145	\$63	4.8	4.8	4.8
Under \$2,000.....	130	164	115	54	82	43	11.8	13.4	11.0
\$2,000 to \$3,499.....	152	168	132	82	103	54	6.1	6.6	5.3
\$3,500 to \$4,999.....	207	220	187	119	134	83	5.4	5.8	4.2
\$5,000 to \$7,499.....	259	262	247	176	187	105	4.7	4.9	4.2
\$7,500 and over.....	353	362	312	238	255	185	3.0	3.1	2.8
<b>1958</b>									
<b>Total, all income groups</b> .....	294	339	194	158	196	94	5.5	5.5	5.3
Under \$2,000.....	165	233	136	59	106	51	13.0	17.8	10.6
\$2,000 to \$3,499.....	226	256	191	118	141	93	8.4	9.7	6.7
\$3,500 to \$4,999.....	287	304	236	161	178	134	6.4	6.8	5.5
\$5,000 to \$7,499.....	336	352	240	203	213	129	5.4	5.6	4.2
\$7,500 and over.....	411	425	317	256	269	208	3.9	4.1	2.9

<sup>1</sup> Percent of aggregate family income.

Source of tables 87 and 88: Odin W. Anderson, Patricia Collette, and Jacob J. Feldman, *Family Expenditure Patterns for Personal Health Services, 1953 and 1958: Nationwide Surveys*, Research Series 14, Health Information Foundation, New York, N.Y., 1960, and records.

# No. 89. PRIVATE AND PUBLIC EXPENDITURES FOR HEALTH AND MEDICAL CARE: 1940 TO 1960

[In millions of dollars. For years ending June 30. For all years, public expenditures include Alaska and Hawaii; beginning 1960, private expenditures include them. Includes employer contributions to health insurance premiums]

TYPE OF EXPENDITURE	1940	1945	1950	1955	1957	1958	1959	1960
<b>Total</b> .....	<b>3,915</b>	<b>7,533</b>	<b>12,365</b>	<b>17,738</b>	<b>21,008</b>	<b>22,826</b>	<b>24,942</b>	<b>26,503</b>
Private expenditures.....	3,023	5,335	9,042	13,455	16,082	17,462	18,735	20,275
Health and medical services.....	2,992	5,305	8,827	13,130	15,693	16,953	18,238	19,759
Direct payments.....	1,200	1,475	7,125	9,388	10,937	11,722	12,400	13,303
Insurance benefits.....			878	2,357	3,245	3,676	4,138	4,698
Expenses for prepayment.....			274	695	639	645	680	793
Industrial in-plant services.....	40	90	150	210	232	245	255	265
Philanthropy.....	52	340	400	580	640	665	675	700
Medical-facilities construction.....	31	30	215	325	380	509	407	516
Public expenditures.....	892	2,198	3,323	4,283	4,926	5,364	6,207	6,228
Health and medical services.....	837	2,131	2,738	3,897	4,448	4,856	5,601	5,672
General medical and hospital care.....	415	486	1,174	1,450	1,707	1,882	2,237	2,174
Defense Department facilities.....	45	1,100	332	603	529	585	665	580
Medicare.....					25	87	80	58
Veterans' hospital and medical care.....	72	96	586	722	733	794	836	867
Public assistance (vendor medical payments).....				212	288	320	410	492
Workmen's compensation (medical benefits).....	90	122	193	315	355	370	395	430
Temporary disability insurance (medical benefits).....			1	6	8	9	15	16
Medical vocational rehabilitation.....	(2)	1	7	9	13	15	17	18
Maternal and child health services.....	14	62	30	63	113	122	133	139
School health (educational agencies).....	18	23	31	66	81	86	94	99
Medical research.....	3	17	55	106	183	238	300	392
Other public health activities.....	180	223	328	316	414	349	419	406
Medical-facilities construction.....	55	68	585	386	478	507	608	557
Veterans Administration.....	14	16	166	33	37	33	46	58
Defense Department.....	(3)	(3)	(3)	9	83	66	34	31
Other.....	41	52	429	344	358	408	528	468
Total expenditures as percent of gross national product.....	4.1	3.5	4.7	4.7	4.9	5.2	5.3	5.4
Public expenditures as percent of total.....	22.8	29.2	26.9	24.1	23.4	23.5	24.9	23.5

<sup>1</sup> Includes any insurance benefits and expenses for prepayment (insurance premiums less insurance benefits).

<sup>2</sup> Less than \$500,000.

<sup>3</sup> Included with "other" medical-facilities construction below.

Source: Department of Health, Education, and Welfare, Social Security Administration; *Social Security Bulletin*, November 1961.

## No. 90. INDEXES OF MEDICAL CARE PRICES: 1940 TO 1961

[1947-49=100, except as noted. Excludes Alaska and Hawaii]

YEAR	Total medical care	PHYSICIANS' FEES			Dentists' fees	Optometric examination and eyeglasses	Hospital room rates	Hospital insurance <sup>1</sup>	Prescriptions and drugs
		Total	Obstetrical	Surgeons' fees					
1940.....	72.7	74.6	67.1	74.0	70.1	82.6	50.4		83.2
1945.....	83.1	86.7	83.6	86.9	83.0	90.8	64.4		87.9
1950.....	106.0	104.1	104.2	104.5	106.9	104.5	114.6		103.9
1951.....	111.1	108.0	110.9	107.3	110.9	109.2	126.9	85.6	106.9
1952.....	117.2	112.8	122.7	111.5	113.3	110.5	139.5	97.0	107.9
1953.....	121.3	115.8	125.4	113.9	117.0	109.4	148.2	104.8	108.9
1954.....	125.2	119.2	131.2	115.2	120.9	108.0	166.8	112.6	110.1
1955.....	128.0	123.3	139.8	116.4	122.0	109.5	164.4	115.5	111.2
1956.....	132.6	127.0	144.5	118.2	124.4	111.2	173.3	122.7	113.7
1957.....	138.0	132.5	149.8	120.9	127.4	115.5	187.3	129.9	116.7
1958.....	144.6	137.0	153.8	122.7	131.4	116.7	198.0	143.3	120.7
1959.....	150.8	141.6	158.3	125.8	134.6	118.0	208.9	159.4	122.6
1960.....	156.2	145.2	161.7	129.2	137.3	121.0	223.3	174.4	122.8
1961.....	160.9	148.9	165.3	131.6	137.9	124.9	240.3	187.4	121.3

<sup>1</sup> December 1952=100.

Source: Department of Labor, Bureau of Labor Statistics; *Price Indexes for Selected Items and Groups, Annual Averages*.

# **No. 91. PRIVATE EXPENDITURES FOR MEDICAL CARE, BY TYPE OF SERVICE: 1950 TO 1960**

Beginning 1960, includes Alaska and Hawaii. Consumer expenditures include employer contributions to health insurance or health plans for employees. Excludes expenditures made by government agencies and by business enterprises (except as contributions to health insurance) and philanthropic contributions to hospitals.

TYPE OF EXPENDITURE	AMOUNT (\$1,000,000)					PERCENT				
	1950	1955	1958	1959	1960	1950	1955	1958	1959	1960
<b>Total</b> .....	<b>8,645</b>	<b>12,849</b>	<b>15,596</b>	<b>18,020</b>	<b>19,566</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Hospital care <sup>1</sup> .....	2,125	3,512	4,522	4,805	5,324	24.6	27.3	27.2	26.7	27.2
Physicians' services <sup>2</sup> .....	2,462	3,254	4,316	4,730	5,093	28.5	25.3	26.0	26.2	26.0
Dentists' services <sup>3</sup> .....	961	1,508	1,860	1,804	1,902	11.1	11.7	11.1	10.5	10.2
Drugs and drug sundries <sup>3</sup> .....	1,719	2,473	3,310	3,604	3,930	19.9	19.2	19.9	20.0	20.1
Eyeglasses and appliances <sup>3</sup> .....	480	685	991	1,185	1,210	5.6	5.3	6.0	6.6	6.2
Other professional services <sup>3</sup> .....	482	553	787	842	586	5.6	5.1	4.7	4.7	4.5
Nursing-home care <sup>4</sup> .....	110	150	200	220	250	1.3	1.2	1.2	1.2	1.4
Health insurance, not cost <sup>5</sup> .....	200	614	620	740	845	3.5	4.8	3.7	4.1	4.3

<sup>1</sup> Estimated from data in the annual report *Hospitals*, Guide Issue, on patient revenues or operating expense, adjusted for estimated patient revenues in government hospitals, less government payments for hospital care under public programs.

<sup>2</sup> Department of Commerce estimate plus estimated salaries to physicians in group-practice prepayment plans and student health services. Department of Commerce estimate is income of physicians in private practice less income from nonconsumer sources—business, workmen's compensation, and government programs.

<sup>3</sup> Department of Commerce estimate of personal consumption expenditures for these items.

<sup>4</sup> Estimated on basis of estimated patient days of care in skilled nursing homes multiplied by estimated average per diem cost.

<sup>5</sup> Difference between income and benefit expenditures of all health insurance plans.

Source: Department of Health, Education, and Welfare, Social Security Administration; *Social Security Bulletin*, December 1961.

## **No. 92. HOSPITAL USE: 1935 TO 1960**

[Beginning 1959, includes Alaska and Hawaii]

YEAR	GENERAL AND SPECIAL HOSPITALS <sup>1</sup>			MENTAL HOSPITALS, ANNUAL RATE <sup>2</sup>		SPECIAL TUBERCULOSIS HOSPITALS		
	Annual rate <sup>2</sup>		Average length of stay (days)	Admissions	Total days in hospital	Annual rate <sup>2</sup>		Average length of stay (days)
	Admissions	Total days in hospital				Admissions	Total days in hospital	
1935.....	58.6	882.0	15.0	1.4	1,455.0	0.7	174.2	257.4
1940.....	74.3	1,019.2	13.7	1.4	1,634.0	0.7	185.3	269.0
1945.....	120.2	1,986.8	16.5	1.9	1,720.2	0.7	164.7	253.1
1950.....	109.8	1,105.3	10.6	2.0	1,959.4	0.7	174.7	233.2
1951.....	116.2	1,243.5	10.7	2.0	1,959.9	0.7	175.1	250.6
1952.....	118.7	1,242.1	10.5	2.0	1,949.8	0.7	173.3	249.9
1953.....	122.7	1,241.2	10.1	2.1	1,958.5	0.7	172.6	251.8
1954.....	123.5	1,232.3	10.0	2.1	1,950.3	0.7	167.4	231.9
1955.....	125.4	1,237.5	9.9	2.2	1,944.6	0.7	145.9	218.9
1956.....	120.1	1,248.4	9.7	2.3	1,975.6	0.6	134.7	231.4
1957.....	132.4	1,204.6	9.6	2.1	1,442.7	0.6	122.5	222.7
1958.....	133.9	1,273.5	9.5	2.3	1,406.0	0.5	103.0	210.5
1959.....	130.5	1,252.2	9.6	2.3	1,453.2	0.6	104.1	138.1
1960.....	136.3	1,264.8	9.3	2.3	1,490.9	0.4	80.0	200.3

<sup>1</sup> Includes all types of hospitals other than mental and tuberculosis.

<sup>2</sup> Rate per 1,000 estimated population: as of July 1, excluding Armed Forces abroad.

Source: Department of Health, Education, and Welfare, Public Health Service; *Health, Education, and Welfare Trends*, annual supplement to *Health, Education, and Welfare Indicators*. (Computed from data prepared by American Medical Association and American Hospital Association.)



## No. 93. HOSPITALS—TYPE OF SERVICE AND CONTROL: 1946 TO 1960

[Beginning 1958, includes Alaska and Hawaii. Covers hospitals accepted for listing by the American Hospital Association. Listing is a basic recognition extended to hospitals and related institutions in accordance with requirements outlined in *Requirements for Accepting Hospitals for Listing*, officially adopted by the House of Delegates of the American Hospital Association; see text, p. 50. Short-term hospitals have an average patient stay of 30 days or less; long-term, an average stay of longer duration. See also *Historical Statistics, Colonial Times to 1957*, series B 195-248]

YEAR	TOTAL			TYPE OF SERVICE AND OWNERSHIP									
				Non-Federal								Federal, all types	
	Beds		Short-term, general and special		Long-term, general and special		Psychiatric		Tuberculosis				
	Hos-pitals	Number	Rate <sup>1</sup>	Hos-pitals	Beds	Hos-pitals	Beds	Hos-pitals	Beds	Hos-pitals	Beds	Hos-pitals	Beds
1946.....	6,125	1,000			1,000		1,000		1,000		1,000		1,000
1947.....	6,173	1,430	10.3	4,444	473	389	83	478	568	412	75	404	236
1948.....	6,173	1,400	9.7	4,475	465	385	85	493	580	411	70	403	200
1949.....	6,160	1,411	9.7	4,499	472	362	77	504	601	409	76	386	180
1950.....	6,277	1,435	9.7	4,585	477	395	79	507	614	414	78	379	187
1951.....	6,788	1,450	9.6	5,031	505	412	70	533	620	398	72	414	180
1952.....	6,832	1,522	9.9	5,066	516	394	63	551	656	399	73	422	215
1953.....	6,903	1,562	10.0	5,122	531	405	70	546	676	391	73	439	213
1954.....	6,978	1,581	10.0	5,212	540	406	68	541	692	384	72	435	203
1955.....	6,970	1,578	9.8	5,212	553	406	71	554	691	368	74	430	189
1956.....	6,955	1,604	9.8	5,237	568	402	76	542	707	347	70	428	183
1957.....	6,966	1,608	9.6	5,299	586	395	76	525	695	315	66	432	184
1958.....	6,818	1,599	9.2	5,309	595	340	78	482	641	280	62	437	183
1959.....	6,818	1,578	9.1	5,312	612	326	79	476	647	264	58	440	182
1960.....	6,845	1,613	9.1	5,364	620	330	68	469	688	254	67	438	179
1960.....	6,876	1,658	9.2	5,407	639	308	67	488	722	238	62	435	177

YEAR	OWNERSHIP OR CONTROL											
	Governmental						Nonprofit				Proprietary	
	Federal		State		Local		Church		Other			
	Hos-pitals	Beds	Hos-pitals	Beds	Hos-pitals	Beds	Hos-pitals	Beds	Hos-pitals	Beds	Hos-pitals	Beds
1946.....	404	1,000	(3)	1,000	1,504	1,000	(3)	1,000	2,921	1,000	1,296	53
1947.....	403	200	(2)	(2)	1,490	2,808	(3)	(3)	2,981	3,342	1,299	61
1948.....	386	186	(2)	(2)	1,474	2,826	(2)	(2)	3,022	3,349	1,278	50
1949.....	376	187	(2)	(2)	1,511	2,842	(2)	(2)	3,044	3,355	1,346	51
1950.....	414	189	(2)	(2)	1,564	2,844	(2)	(2)	3,250	3,368	1,470	65
1951.....	422	215	(2)	(2)	1,701	2,871	(3)	(3)	3,297	3,383	1,412	54
1952.....	430	213	(2)	(2)	1,747	2,897	(3)	(3)	3,348	3,399	1,369	64
1953.....	435	203	556	711	1,230	204	1,110	168	2,259	252	1,379	54
1954.....	430	189	552	718	1,248	202	1,196	170	2,225	248	1,310	52
1955.....	428	183	552	739	1,253	203	1,101	162	2,339	265	1,283	62
1956.....	432	184	553	728	1,263	202	1,206	177	2,304	266	1,208	60
1957.....	437	183	543	686	1,238	195	1,220	180	2,291	268	1,089	47
1958.....	440	182	552	693	1,267	197	1,221	184	2,303	277	1,035	46
1959.....	438	179	555	725	1,250	195	1,232	187	2,328	281	1,012	45
1960.....	435	177	566	752	1,324	201	1,241	193	2,338	289	982	46

<sup>1</sup> Beds per 1,000 population (excluding Armed Forces abroad). See table 2.

<sup>2</sup> State hospitals included with "Local."

<sup>3</sup> Church-operated and affiliated hospitals included with "Other."

Source: American Hospital Association, Chicago, Ill., *Hospitals*, Guide Issue.

## No. 94. HOSPITAL FACILITIES, 1950 TO 1960, AND BY STATES AND FOR PUERTO RICO, 1960

[Beginning 1958, includes Alaska and Hawaii. For coverage and definition of short-term, see headnote, table 93. See also *Historical Statistics, Colonial Times to 1957*, series B 195-198 and B 249-252]

YEAR AND STATE OR OTHER AREA	HOSPITALS		BEDS		BASSINETS		PATIENTS ADMITTED (1,000)		AVERAGE CENSUS <sup>2</sup>	
	Total	Short- term, general and special <sup>1</sup>	Total	Short- term, general and special <sup>1</sup>	Total	Short- term, general and special <sup>1</sup>	Total	Short- term, general and special <sup>1</sup>	Total	Short- term, general and special <sup>1</sup>
1950.....	6,788	5,031	1,455,825	504,504	90,101	85,019	18,483	16,063	1,252,831	371,837
1951.....	6,832	5,066	1,621,950	516,020	92,502	88,304	18,783	16,077	1,297,841	377,990
1952.....	6,903	5,122	1,561,809	530,060	95,631	90,930	19,624	17,413	1,335,073	384,093
1953.....	6,978	5,212	1,580,054	545,903	97,061	92,175	20,184	18,098	1,341,633	393,776
1954.....	6,970	5,212	1,677,961	553,068	97,773	92,008	20,345	18,392	1,342,508	392,909
1955.....	6,956	5,237	1,604,408	567,612	98,823	93,868	21,073	19,100	1,363,024	406,910
1956.....	6,966	5,299	1,607,092	586,498	100,858	95,704	22,090	20,107	1,355,702	424,650
1957.....	6,818	5,309	1,558,691	594,529	100,763	95,950	22,903	21,002	1,320,309	438,048
1958.....	6,818	5,312	1,578,148	611,893	101,934	97,213	23,702	21,757	1,327,509	452,492
1959.....	6,845	5,364	1,612,822	619,877	101,582	96,869	23,605	21,605	1,363,217	462,010
1960										
U.S.....	6,876	5,407	1,657,970	639,057	102,764	98,127	25,027	22,970	1,401,873	477,437
Alabama.....	130	110	24,035	9,219	1,743	1,655	406	372	20,715	6,528
Alaska.....	23	13	1,674	474	178	89	36	18	1,174	255
Arizona.....	70	43	8,191	3,898	748	575	190	152	6,507	2,892
Arkansas.....	80	72	14,693	5,220	906	987	234	218	12,562	3,659
California.....	466	354	124,380	46,663	6,610	6,123	1,986	1,759	106,451	34,892
Colorado.....	93	72	17,708	6,684	1,088	1,013	307	270	15,294	5,386
Connecticut.....	71	43	25,972	8,508	1,371	1,851	339	317	21,071	6,054
Delaware.....	16	9	5,608	2,084	265	238	60	53	4,439	1,455
Dist. of Col.....	23	14	15,623	4,461	705	609	202	159	13,563	3,605
Florida.....	162	137	30,979	15,445	2,447	2,220	670	606	24,985	11,413
Georgia.....	142	119	20,987	10,844	2,198	2,021	533	476	25,622	7,771
Hawaii.....	32	22	6,724	2,148	434	371	98	76	4,883	1,320
Idaho.....	49	42	3,544	2,147	500	477	92	86	2,446	1,201
Illinois.....	327	254	108,071	39,731	5,934	5,852	1,444	1,369	91,081	30,205
Indiana.....	185	105	33,932	14,343	2,524	2,505	574	550	29,538	11,414
Iowa.....	127	109	22,626	10,790	1,750	1,712	395	378	18,009	7,835
Kansas.....	151	134	18,580	9,112	1,628	1,529	327	296	14,523	6,300
Kentucky.....	132	105	23,019	9,060	1,815	1,716	422	377	19,326	6,648
Louisiana.....	139	122	24,645	12,575	2,003	1,899	522	488	19,543	8,539
Maine.....	57	44	9,015	3,220	664	621	130	120	7,755	2,356
Maryland.....	79	41	31,978	9,989	1,325	1,219	341	292	26,029	7,381
Massachusetts.....	211	141	60,035	21,408	3,392	3,255	776	709	57,704	16,217
Michigan.....	252	192	72,759	26,113	4,079	3,974	1,088	1,017	64,574	21,014
Minnesota.....	203	170	37,065	16,516	2,407	2,470	571	547	31,374	11,936
Mississippi.....	106	93	14,772	6,254	1,190	1,124	275	249	11,528	8,930
Missouri.....	144	114	39,120	16,948	2,847	2,299	598	558	32,770	12,848
Montana.....	60	51	5,851	3,397	620	580	124	113	4,236	2,047
Nebraska.....	113	99	14,509	6,227	1,177	1,131	224	205	11,993	4,086
Nevada.....	19	14	1,908	1,114	173	153	45	40	1,550	788
New Hampshire.....	38	32	7,832	2,649	509	487	94	88	6,601	1,762
New Jersey.....	147	100	56,255	18,726	3,157	3,101	717	661	48,545	14,077
New Mexico.....	54	35	5,763	2,680	752	632	135	109	4,184	1,745
New York.....	474	343	228,628	71,409	8,948	8,731	2,290	2,140	201,807	56,723
North Carolina.....	174	148	34,572	16,154	2,795	2,668	680	626	27,893	11,196
North Dakota.....	64	55	7,422	3,242	654	628	123	115	6,003	2,311
Ohio.....	263	193	81,743	33,229	5,251	5,199	1,228	1,245	71,243	27,011
Oklahoma.....	132	104	19,352	7,426	1,421	1,200	819	280	15,843	5,274
Oregon.....	79	67	13,480	6,220	999	964	249	236	10,022	4,094
Pennsylvania.....	329	248	116,530	46,834	6,821	6,742	1,512	1,449	98,579	35,592
Rhode Island.....	24	16	9,831	3,111	522	462	112	97	8,218	2,355
South Carolina.....	80	65	18,661	6,763	1,879	1,264	314	270	16,177	5,201
South Dakota.....	65	50	7,743	3,066	618	560	120	105	6,215	2,022
Tennessee.....	154	124	29,217	11,915	1,897	1,800	519	479	24,672	9,046
Texas.....	550	478	95,093	30,768	5,735	5,270	1,425	1,268	52,609	20,991
Utah.....	36	30	4,679	2,503	599	576	111	105	3,629	1,751
Vermont.....	31	25	4,680	1,744	326	326	63	59	3,606	1,195
Virginia.....	119	63	35,972	11,737	2,180	1,948	504	434	29,528	9,153
Washington.....	127	106	22,610	9,220	1,764	1,613	429	384	17,472	5,844
West Virginia.....	93	76	15,040	7,676	1,100	1,093	308	293	13,084	5,717
Wisconsin.....	198	155	33,663	16,882	2,640	2,640	641	614	27,640	12,482
Wyoming.....	33	27	3,682	1,506	306	290	61	57	2,926	920
Puerto Rico.....	63	49	9,864	4,916	618	582	170	154	7,815	3,525

<sup>1</sup> Non-Federal hospitals. <sup>2</sup> Average number of patients receiving hospital treatment each day.

Source: American Hospital Association, Chicago, Ill.; *Hospitals*, Guide Issue.

# **No. 95. HOSPITALS—ASSETS, EXPENSES, AND PERSONNEL, BY TYPE OF CONTROL AND SERVICE: 1950 TO 1960**

[Beginning 1958, includes Alaska and Hawaii. For definition of short-term and long-term, see headnote, table 93]

SUBJECT AND YEAR	Total	Federal	NON-FEDERAL							
			Total <sup>1</sup>	Psychi- atric	Tuber- culosis	Long- term <sup>1</sup>	Short-term <sup>1</sup>			
							Total	Volun- tary	Propri- etary	State and local govt.
<b>Assets:</b>										
1950..... mil. dol.	7,791	1,131	6,660	1,440	420	440	4,848	3,340	137	800
1955.....do.	11,986	1,663	10,323	2,232	529	575	6,984	5,222	148	1,613
1957.....do.	14,520	2,022	12,498	2,422	553	818	8,705	6,506	200	1,939
1958.....do.	15,422	2,622	13,800	2,779	525	740	9,447	7,242	219	1,986
1960.....do.	16,082	2,116	14,966	3,107	528	777	10,154	7,807	226	2,121
1960.....do.	17,714	2,123	15,591	3,437	503	787	10,858	8,422	243	2,193
<b>Expenses:<sup>2</sup></b>										
1950.....do.	3,650	711	2,939	538	162	117	2,120	1,523	143	454
1955.....do.	5,504	836	4,758	923	208	192	3,433	2,507	173	752
1957.....do.	6,444	961	5,483	870	200	252	4,161	3,050	200	911
1958.....do.	7,163	1,059	6,104	974	198	264	4,669	3,437	225	1,007
1959.....do.	7,789	1,119	6,670	1,102	208	269	5,091	3,766	242	1,080
1960.....do.	8,421	1,134	7,287	1,206	192	273	5,617	4,139	275	1,203
<b>Personnel:<sup>3</sup></b>										
1950.....do.	1,057	163	889	146	45	34	662	473	41	147
1955.....do.	1,300	192	1,108	188	48	40	825	596	40	188
1957.....do.	1,401	186	1,215	191	48	55	926	680	43	203
1958.....do.	1,470	182	1,288	204	41	57	986	722	45	220
1959.....do.	1,520	179	1,341	215	41	54	1,031	758	40	227
1960.....do.	1,598	186	1,412	238	30	55	1,080	792	48	241
<b>Rate per 100 patients:</b>										
1950.....do.	84	111	81	24	74	57	178	191	161	149
1955.....do.	96	122	92	28	85	71	203	210	182	183
1957.....do.	107	118	104	32	88	82	211	218	186	197
1958.....do.	111	116	110	34	93	84	218	224	189	206
1959.....do.	112	114	111	34	93	91	223	229	195	210
1960.....do.	114	120	113	35	99	95	228	232	196	215

<sup>1</sup> Composed of both general and other special. <sup>2</sup> Excludes cost of new construction.

<sup>3</sup> Includes full-time equivalents of part-time personnel; beginning 1953, excludes interns, residents, and students.

Source: American Hospital Association, Chicago, Ill.; *Hospitals*, Guide Issue.

# **No. 96. HOSPITAL EXPENSE PER PATIENT DAY—TOTAL AND PAYROLL EXPENSE: 1946 TO 1960**

[In dollars. Beginning 1958, includes Alaska and Hawaii. For definitions of short-term and long-term, see headnote, table 93]

YEAR	TOTAL EXPENSE					PAYROLL EXPENSE <sup>2</sup>						
	Total	Non-Federal			Fed- eral	Total	Non-Federal			Fed- eral		
		General and special		Mental <sup>1</sup>			Tuber- culosis	General and special			Mental <sup>1</sup>	Tuber- culosis
		Short- term	Long- term					Short- term	Long- term			
1946.....	5.21	9.39	2.97	1.39	4.57	6.14	2.93	4.98	1.64	0.80	2.38	4.06
1947.....	5.42	11.09	3.03	1.60	5.44	7.39	3.07	5.99	1.64	.84	2.82	5.23
1948.....	6.35	13.09	3.81	1.95	6.25	8.81	3.60	7.17	1.99	1.03	3.17	6.19
1949.....	7.70	14.33	4.07	2.84	6.08	13.30	4.53	7.96	2.35	1.53	3.70	9.53
1950.....	7.98	15.02	5.39	2.43	7.22	12.77	4.79	8.86	3.32	1.38	4.06	9.35
1951.....	8.20	16.77	6.30	2.46	7.37	11.91	5.01	9.65	3.89	1.43	4.25	8.68
1952.....	9.14	18.35	6.03	2.08	7.85	14.10	5.63	10.66	4.05	1.68	4.61	10.35
1953.....	9.73	19.95	8.26	2.83	8.54	13.03	6.10	11.86	5.28	1.74	5.11	10.44
1954.....	10.67	21.76	8.53	3.22	9.32	15.92	6.83	13.21	6.63	2.03	6.77	12.06
1955.....	11.24	23.12	8.06	3.73	10.13	14.60	7.20	14.26	5.36	2.17	6.48	11.63
1956.....	12.16	24.15	10.20	3.63	10.19	16.97	7.98	14.85	6.84	2.41	6.51	13.74
1957.....	13.48	26.02	10.33	3.91	11.16	17.08	8.76	15.74	6.79	2.66	7.14	14.27
1958.....	14.74	28.27	10.32	4.40	12.08	18.38	9.63	17.19	6.91	3.08	7.01	14.80
1959.....	15.65	30.19	12.50	4.71	12.80	19.02	10.37	18.70	8.30	3.26	8.54	15.98
1960.....	16.46	32.23	12.83	4.91	13.37	20.11	10.92	20.08	9.01	3.45	8.92	16.34

<sup>1</sup> Includes short-term psychiatric hospitals.

<sup>2</sup> Beginning 1951, excludes residents, interns, and students.

Source: American Hospital Association, Chicago, Ill.; *Hospitals*, Guide Issue.

# NO. 97. PATIENTS IN MENTAL HOSPITALS AND IN INSTITUTIONS FOR MENTAL DEFECTIVES AND EPILEPTICS, BY STATES: 1959

STATE	PATIENTS IN PUBLIC AND PRIVATE MENTAL HOSPITALS <sup>1</sup>				PATIENTS IN PUBLIC AND PRIVATE INSTITUTIONS FOR MENTAL DEFECTIVES AND EPILEPTICS					
	Resi- dent patients at end of year	First admissions during year			Resi- dent patients at end of year	First admissions during year				
		All hos- pitals	Public hospitals			All institutions			Public institutions	
			Num- ber	Rate <sup>2</sup>		Total <sup>3</sup>	Defec- tives	Epilep- tics	Num- ber	Rate <sup>4</sup>
United States <sup>4</sup> .....	555,579	180,226	137,862	79.0	165,889	14,544	13,479	918	12,916	7.6
Alabama.....	7,442	2,313	1,917	59.6	1,759	186	167	16	144	4.5
Arizona.....	1,709	1,481	789	64.0	545	82	81	-----	81	6.7
Arkansas.....	4,948	1,726	1,726	97.6	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
California.....	40,039	15,615	9,749	64.9	10,806	1,283	1,278	2	1,142	8.0
Colorado.....	6,162	3,040	1,561	91.8	1,610	253	241	11	227	13.7
Connecticut.....	9,258	3,444	2,645	106.5	3,722	255	225	21	215	8.9
Delaware.....	1,751	677	677	157.1	556	43	37	6	43	9.6
District of Columbia.....	6,980	1,029	1,029	137.9	881	47	47	-----	47	5.7
Florida.....	9,534	4,366	2,020	43.0	1,735	383	355	28	326	7.0
Georgia.....	12,010	3,059	2,767	71.9	1,251	242	242	-----	242	6.4
Idaho.....	970	559	550	85.6	835	44	41	-----	44	6.7
Illinois.....	36,605	10,845	7,955	80.1	11,142	432	428	3	328	3.2
Indiana.....	10,970	3,213	2,802	62.8	4,520	263	124	139	263	5.7
Iowa.....	4,743	2,134	1,593	58.1	3,384	229	208	21	221	7.9
Kansas.....	3,945	1,469	1,357	63.8	1,824	153	150	2	153	7.3
Kentucky.....	7,210	3,808	2,017	67.9	1,044	84	84	-----	84	2.7
Louisiana.....	5,693	2,551	2,087	65.6	1,631	185	174	5	155	4.9
Maine.....	2,920	684	684	72.7	1,418	90	99	-----	99	10.6
Maryland.....	9,750	4,331	2,893	96.7	2,160	162	157	-----	162	5.5
Massachusetts.....	22,020	8,331	7,082	140.5	9,308	603	504	99	540	11.2
Michigan.....	22,712	7,133	3,423	44.2	11,481	1,221	1,009	212	1,136	14.3
Minnesota.....	10,674	2,755	2,518	74.7	5,444	814	758	56	715	21.1
Mississippi.....	5,216	2,040	2,040	95.7	1,118	63	62	-----	63	2.9
Missouri.....	11,869	3,219	1,822	42.8	2,728	142	127	14	112	2.7
Montana.....	1,673	788	788	119.2	769	41	41	-----	41	6.0
Nebraska.....	4,228	1,094	1,094	78.9	2,415	161	155	4	128	8.9
Nevada.....	553	322	322	118.8	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
New Hampshire.....	2,578	779	779	131.6	801	60	57	3	52	8.9
New Jersey.....	21,779	7,360	5,966	100.9	6,135	399	399	-----	392	0.2
New Mexico.....	931	902	646	71.5	190	37	31	6	37	4.3
New York.....	93,955	20,032	18,231	110.0	24,377	1,023	1,762	125	1,688	10.3
North Carolina.....	9,976	4,665	4,144	93.7	1,952	121	116	-----	98	2.2
North Dakota.....	1,695	1,010	1,010	161.9	1,172	88	68	20	88	13.8
Ohio.....	28,956	9,826	8,720	90.9	7,717	853	853	-----	827	8.5
Oklahoma.....	7,344	2,124	1,436	63.3	1,771	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Oregon.....	5,053	2,357	2,288	130.7	2,024	243	240	2	178	10.1
Pennsylvania.....	40,053	10,040	6,234	55.6	11,705	978	900	36	713	6.3
Rhode Island.....	3,513	1,209	1,074	120.4	921	53	51	-----	44	5.2
South Carolina.....	6,637	1,994	1,905	82.3	2,377	191	184	7	191	8.1
South Dakota.....	1,094	517	517	76.9	1,034	107	83	24	107	15.7
Tennessee.....	8,419	3,599	2,731	77.4	1,326	139	132	-----	124	3.6
Texas.....	16,024	6,592	5,429	58.4	6,708	832	826	6	791	8.5
Utah.....	1,128	410	410	46.9	869	60	60	-----	60	6.8
Vermont.....	1,707	611	371	96.4	601	46	46	-----	43	11.6
Virginia.....	11,520	3,028	2,613	63.9	2,891	245	215	22	191	4.9
Washington.....	6,770	2,052	1,405	50.8	3,511	237	233	-----	237	8.6
West Virginia.....	5,470	1,665	1,660	88.7	364	46	36	9	46	2.3
Wisconsin.....	15,270	4,900	4,107	105.0	4,432	362	345	17	265	6.6
Wyoming.....	648	180	180	55.7	619	54	49	2	54	17.0

<sup>1</sup> Excludes Veterans Administration hospitals.

<sup>2</sup> Rate per 100,000 civilian population estimated as of July 1, 1959.

<sup>3</sup> Includes 147 persons neither mentally defective nor epileptic.

<sup>4</sup> Excludes Alaska and Hawaii.

<sup>5</sup> No institutions for the care of mental defectives and epileptics.

<sup>6</sup> Not available.

<sup>7</sup> Patients reported in private institutions only.

Source: Department of Health, Education, and Welfare, Public Health Service; *Patients in Mental Institutions and Current Reports*.

# No. 98. PATIENTS IN MENTAL HOSPITALS AND IN INSTITUTIONS FOR MENTAL DEFECTIVES AND EPILEPTICS: 1935 TO 1960

[As of end of year. Beginning 1960, includes Alaska. Completeness of reporting from hospitals and institutions varies from year to year. Data include estimates for underreporting for 1957 to 1960]

YEAR	PATIENTS IN HOSPITALS FOR MENTAL DISEASE					PATIENTS IN INSTITUTIONS FOR MENTAL DEFECTIVES AND EPILEPTICS			
	Total		VA hospitals	Public hospitals <sup>2</sup>	Private hospitals	Total		Public institutions <sup>3</sup>	Private institutions
	Number of patients	Rate <sup>1</sup>				Number of patients	Rate <sup>1</sup>		
1935.....	421,446	331.2	22,239	383,535	10,642	97,430	78.6	93,150	4,280
1940.....	483,448	367.2	32,227	440,543	10,678	104,784	70.6	101,164	3,620
1945.....	519,593	407.3	43,239	463,254	13,100	119,232	93.5	113,376	5,856
1950.....	578,130	384.0	51,553	512,501	14,076	135,082	89.9	128,145	6,937
1955.....	631,503	389.1	57,991	558,922	14,590	151,087	93.1	143,648	7,539
1956.....	625,586	378.4	60,080	551,390	14,596	154,170	93.3	146,241	7,938
1957.....	621,412	369.1	59,240	548,026	13,546	158,365	94.1	150,509	7,856
1958.....	619,508	361.4	59,855	545,182	14,471	161,815	94.1	153,699	8,116
1959.....	616,384	353.1	60,805	541,883	13,699	165,889	95.0	157,736	8,153
1960 (prel.).....	609,795	342.3	60,204	535,796	13,795	168,486	94.6	160,705	7,781

<sup>1</sup> Rate per 100,000 population estimated as of July 1. Total population used for 1935; civilian population thereafter.

<sup>2</sup> Includes State, psychopathic, county, and city hospitals through 1950.

<sup>3</sup> Includes city institutions up to 1948 when last city institution was transferred to State auspices.

Source: Department of Health, Education, and Welfare, Public Health Service; *Patients in Mental Institutions and Mental Health Statistics and Current Reports*; and Veterans Administration.

# No. 99. PERSONNEL AND MAINTENANCE EXPENDITURES OF PUBLIC MENTAL HOSPITALS AND OF PUBLIC INSTITUTIONS FOR MENTAL DEFECTIVES AND EPILEPTICS: 1940 TO 1959

[Excludes Alaska and Hawaii]

ITEM	1940	1945	1950	1955	1957	1958	1959
PUBLIC MENTAL HOSPITALS <sup>1</sup>							
Total personnel, full-time.....	70,195	63,303	110,847	146,392	162,753	169,707	174,635
Average daily resident patient population.....	401,079	435,544	504,639	555,033	549,330	549,679	542,135
Ratios of patients to personnel: <sup>2</sup>							
Total employed.....	5.7	6.8	4.5	3.8	3.4	3.2	3.1
Physicians <sup>3</sup> .....	274.8	384.3	247.7	199.6	167.4	145.6	135.3
Graduate nurses.....	94.0	166.8	101.1	80.8	71.7	64.1	62.8
Other nurses and attendants.....	10.3	13.0	8.1	6.9	6.2	5.9	5.7
Social workers.....	1,144.9	1,050.6	612.4	409.0	375.9	340.9	297.0
Maintenance expenditures, total <sup>4</sup> .....\$1,000.....	119,778	105,743	390,673	618,087	731,875	806,711	849,493
Per capita.....dollars.....	301	386	780	1,117	1,332	1,476	1,567
PUBLIC INSTITUTIONS FOR MENTAL DEFECTIVES AND EPILEPTICS							
Total personnel, full-time.....	15,744	15,026	25,744	36,333	41,235	46,218	49,592
Average daily resident patient population.....	96,975	111,268	125,704	141,563	143,363	153,453	158,119
Ratios of patients to personnel:							
Total employed.....	6.2	7.0	4.9	3.9	3.5	3.3	3.2
Physicians.....	518.6	732.0	519.4	398.7	380.3	332.0	337.1
Graduate nurses.....	219.4	390.4	219.9	158.2	130.8	113.7	103.8
Other nurses and attendants.....	11.7	14.1	6.1	6.8	6.1	5.8	5.5
Teachers.....	140.5	187.6	166.5	165.9	125.9	130.7	126.2
Maintenance expenditures, total <sup>4</sup> .....\$1,000.....	27,961	42,727	91,822	153,458	190,316	214,813	224,715
Per capita <sup>4</sup> .....dollars.....	291	386	746	1,093	1,280	1,409	1,503

<sup>1</sup> Prior to 1950, includes State hospitals only.

<sup>2</sup> Based only on average daily resident patient population of hospitals reporting personnel by occupation.

<sup>3</sup> Excludes superintendents, assistant superintendents, and medical interns.

<sup>4</sup> Includes salaries and wages, purchased provisions, fuel, light, water, etc.

<sup>5</sup> Total maintenance expenditures divided by average daily resident patient population of institutions reporting expenditures.

Source: Department of Health, Education, and Welfare, Public Health Service; *Patients in Mental Institutions and Current Reports*.

# NO. 100. FIRST ADMISSIONS TO PUBLIC MENTAL HOSPITALS BY MENTAL DISORDER, AGE, AND SEX: 1958 AND 1959

[Excludes Alaska and Hawaii. Based on hospital reports of first admissions of patients by diagnosis, age, and sex. Excludes Veterans Administration Hospitals]

DIAGNOSIS AND AGE	1958			1959		
	Total <sup>1</sup>	Male	Female	Total <sup>1</sup>	Male	Female
All patients.....	127, 139	72, 159	54, 980	124, 417	69, 672	54, 745
Acute brain syndromes.....	4, 520	3, 492	1, 028	4, 497	3, 471	1, 026
Chronic brain syndromes.....	42, 296	23, 331	18, 965	38, 528	21, 068	17, 460
Cerebral arteriosclerosis.....	19, 461	10, 528	8, 933	18, 904	10, 033	8, 871
Senile brain disease.....	11, 236	5, 212	6, 024	9, 722	4, 482	5, 240
Other chronic brain syndromes.....	11, 599	7, 591	4, 008	9, 902	6, 553	3, 349
Psychotic disorders.....	40, 827	18, 520	22, 307	39, 459	17, 367	22, 092
Schizophrenic reactions.....	29, 816	14, 259	15, 557	28, 678	13, 440	15, 238
Other psychotic reactions.....	11, 011	4, 261	6, 750	10, 781	3, 927	6, 854
Psychoneurotic reactions.....	7, 523	3, 104	4, 419	8, 333	3, 048	5, 285
Personality disorders.....	19, 570	15, 734	3, 836	20, 471	16, 509	3, 962
Mental deficiency.....	4, 208	2, 673	1, 535	3, 655	2, 206	1, 449
All other mental disorders.....	5, 894	3, 621	2, 273	6, 909	4, 205	2, 704
Without mental disorder.....	2, 301	1, 684	617	2, 505	1, 798	707
AGE						
Total.....	127, 139	72, 159	54, 980	124, 417	69, 672	54, 745
Under 15 years.....	2, 756	1, 845	911	3, 050	2, 089	967
15 to 24 years.....	14, 527	9, 028	5, 499	15, 250	9, 178	6, 072
25 to 34 years.....	21, 071	11, 755	9, 316	21, 010	11, 463	9, 547
35 to 44 years.....	21, 751	12, 570	9, 172	21, 880	12, 468	9, 412
45 to 54 years.....	19, 084	11, 442	7, 642	18, 607	10, 910	7, 697
55 to 64 years.....	14, 405	8, 136	6, 269	13, 555	7, 581	5, 974
65 to 74 years.....	14, 870	8, 031	6, 839	13, 599	7, 229	6, 370
75 to 84 years.....	13, 646	6, 973	6, 673	12, 806	6, 505	6, 301
85 and over.....	4, 515	2, 050	2, 465	4, 196	1, 966	2, 230
Unknown.....	514	320	194	458	283	175

<sup>1</sup> For 1958, excludes 10,192 first admissions for whom age and mental diagnosis were not available; for 1959, 13,445.

Source: Department of Health, Education, and Welfare, Public Health Service; *Patients in Mental Institutions and Current Reports*.

## NO. 101. SPECIFIED REPORTABLE DISEASES—CASES REPORTED: 1945 TO 1960

[Beginning 1950, includes Alaska, and 1960, Hawaii. For qualifications of data, see headnote, table 102. See also *Historical Statistics, Colonial Times to 1957*, series B 275-281, for rates for selected diseases]

DISEASE	1945	1950	1955	1956	1957	1958	1959	1960
Amebiasis.....	3, 412	4, 508	3, 348	3, 689	5, 031	4, 380	3, 508	3, 424
Brucellosis (undulant fever).....	5, 049	3, 510	1, 444	1, 300	983	924	892	751
Diphtheria.....	18, 675	5, 796	1, 984	1, 568	1, 211	918	934	918
Dysentery, bacillary (shigellosis).....	34, 943	23, 367	13, 912	10, 366	8, 822	11, 861	12, 888	12, 487
Encephalitis, acute infectious.....	785	1, 136	2, 106	2, 624	2, 135	2, 587	2, 437	2, 341
Hepatitis, infectious, and serum.....	( <sup>1</sup> )	2, 820	31, 961	19, 234	14, 922	10, 294	23, 574	41, 666
Leprosy.....	40	44	75	52	36	39	44	54
Malaria.....	62, 703	2, 184	522	234	132	85	71	72
Measles.....	140, 013	310, 124	555, 150	611, 936	486, 799	763, 094	406, 162	441, 703
Meningococcal infections.....	8, 208	3, 788	3, 455	2, 735	2, 091	2, 581	2, 180	2, 259
Polymyositis, acute.....	13, 624	33, 300	28, 985	15, 140	5, 485	5, 787	8, 425	3, 190
Psittacosis.....	27	26	384	668	278	158	147	113
Robies in animals.....	0, 928	7, 901	5, 799	5, 681	4, 542	4, 787	4, 177	3, 567
Rocky Mountain spotted fever.....	472	464	295	293	240	243	199	204
Salmonellosis, paratyphoid fever.....	649	1, 233	5, 447	6, 704	6, 603	0, 363	6, 006	6, 929
Scarlet fever and streptococcal sore throat.....	185, 570	64, 494	147, 502	176, 392	226, 973	264, 097	334, 715	315, 173
Smallpox.....	346	39	2	1	47	445	445	368
Tetanus.....	( <sup>1</sup> )	486	462	468	447	176	227	160
Trichiniasis.....	( <sup>1</sup> )	327	264	262	175	176	227	160
Tuberculosis, all forms.....	114, 031	121, 742	98, 860	90, 465	80, 861	82, 266	75, 484	70, 843
Tulariaemia.....	000	927	584	622	601	587	459	300
Typhoid fever.....	4, 211	2, 484	1, 704	1, 700	1, 231	1, 043	859	816
Typhus fever, endemic (murine).....	5, 193	685	135	98	113	71	51	68
Veneral diseases (civilian cases):								
Gonorrhea.....	313, 363	286, 746	236, 197	224, 342	214, 496	232, 513	240, 158	258, 933
Syphilis.....	351, 767	217, 558	122, 392	130, 168	123, 758	113, 894	120, 796	122, 003
Other.....	10, 261	8, 187	3, 913	2, 981	2, 433	2, 343	2, 450	2, 811
Whooping cough (pertussis).....	133, 792	120, 718	62, 786	31, 732	25, 295	32, 148	40, 005	14, 800

<sup>1</sup> Not available.

<sup>2</sup> For 1945 and 1950, figures from Economic Research Service, Department of Agriculture.

<sup>3</sup> None of these cases fulfills the generally accepted criteria for a diagnosis of smallpox.

Source: Department of Health, Education, and Welfare, Public Health Service; *Morbidity and Mortality Weekly Report* (annual supplement), Vol. 3, No. 53, and Vol. 9, No. 53; and records.

# No. 102. SPECIFIED REPORTABLE DISEASES—CASES REPORTED, BY MONTH: 1960

[Includes Alaska and Hawaii. Figures in this table and table 101 should be interpreted with caution. Reporting of most of these diseases is known to be seriously incomplete. However, these figures have proved valuable to health authorities by indicating significant changes in disease incidence. They should not be interpreted as measures of total amount of illness caused by the diseases concerned.]

DISEASE	Total <sup>1</sup>	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Amebiasis.....	3,424	256	221	297	314	339	304	293	373	261	289	319	238
Aspic meningitis.....	1,593	52	65	38	52	48	85	158	270	261	111	168	51
Brucellosis (undulant fever).....	751	62	65	51	102	82	58	70	61	54	53	40	40
Diphtheria.....	918	86	70	41	56	39	14	29	51	81	174	158	181
Dysentery, bacillary (shigellosis).....	12,437	1,865	604	694	671	664	989	1,158	1,321	1,337	1,174	1,095	913
Echinococcosis.....	2,341	147	138	200	210	195	234	261	244	246	108	151	143
Hepatitis, acute infectious.....	41,955	3,033	3,109	3,322	3,683	3,375	2,812	2,685	3,211	3,276	3,818	4,170	5,069
Hepatitis, infectious and serum.....	54	4	5	8	1	5	4	3	9	3	1	6	4
Leptospirosis.....	72	5	4	6	1	5	6	11	7	9	17	8	1
Malaria.....	441,703	34,813	42,552	60,358	83,667	82,211	60,769	21,385	7,352	3,510	5,167	10,543	20,218
Measles.....	2,259	232	253	249	192	178	175	142	132	131	189	186	199
Meningococcal infections.....	3,724	251	217	296	246	248	251	251	394	422	424	347	377
Meningitis, other.....	3,190	75	56	44	50	68	167	420	719	709	476	225	181
Polymyositis, acute.....	113	6	12	9	9	6	14	12	8	9	7	6	12
Rabies in animals.....	3,367	338	374	453	360	335	317	299	273	191	183	197	220
Rheumatic fever, acute.....	9,022	816	751	907	912	846	887	756	660	616	609	664	882
Rocky Mountain spotted fever.....	294	1	1	1	4	23	42	49	41	25	6	5	2
Salmonellosis, except typhoid fever.....	6,929	403	410	442	416	479	510	546	546	914	614	784	646
Scarlet fever and streptococcal sore throat.....	315,173	36,429	37,808	41,387	35,796	27,587	20,469	15,104	14,098	13,934	19,712	23,667	29,637
Tetanus.....	308	19	22	12	28	37	37	30	40	36	47	26	35
Trichinosis.....	160	14	9	7	21	8	13	8	16	13	15	10	25
Tularemia.....	390	50	26	18	23	20	34	54	56	27	18	19	45
Typhoid fever.....	316	37	46	28	58	88	72	95	86	96	81	63	62
Typhus fever, endemic (murine).....	68	4	1	1	6	7	16	16	2	5	5	4	2
Whooping cough (pertussis).....	14,869	2,023	1,533	1,350	1,610	1,223	1,242	1,203	1,134	1,095	795	782	745

<sup>1</sup> Includes cases not tabulated by month.

Source: Department of Health, Education, and Welfare, Public Health Service; *Morbidity and Mortality Weekly Report* (annual supplement), Vol. 9, No. 53.

# **No. 103. ACUTE CONDITIONS, BY CONDITION GROUP AND AGE, AND RATE PER 100 PERSONS: 1960**

[For year ending June 30. Includes Alaska and Hawaii. Data refer to civilian noninstitutional population. Based on a sample and subject to sampling variability; see source for detailed explanation. An acute condition is generally defined as a medically attended condition which has lasted less than 3 months]

CONDITION GROUP	All ages	Under 5 years	5 to 14 years	15 to 24 years	25 to 44 years	45 to 64 years	65 and over
<b>NUMBER OF CONDITIONS (1,000)</b>							
<b>Both sexes</b> .....	<b>228, 163</b>	<b>54, 336</b>	<b>50, 642</b>	<b>28, 557</b>	<b>49, 508</b>	<b>32, 009</b>	<b>13, 111</b>
Male.....	104, 554	28, 482	23, 801	12, 108	19, 989	14, 975	5, 109
Female.....	123, 609	25, 855	26, 841	16, 449	29, 520	17, 033	7, 012
Infectious and parasitic diseases.....	27, 880	8, 639	9, 600	2, 182	4, 201	2, 436	(1)
Upper respiratory conditions.....	70, 100	23, 522	15, 740	7, 044	11, 173	8, 998	3, 624
Other respiratory conditions.....	45, 067	8, 137	8, 966	5, 021	11, 353	7, 825	3, 755
Digestive system conditions.....	12, 217	2, 313	1, 781	1, 948	3, 372	2, 178	(1)
Fractures, dislocations, sprains, and strains.....	9, 850	(1)	1, 902	1, 867	2, 718	2, 134	(1)
Open wounds and lacerations.....	11, 980	2, 321	3, 385	1, 779	2, 620	1, 487	(1)
Contusions and superficial injuries.....	7, 472	(1)	1, 557	1, 437	1, 748	1, 440	(1)
Other current injuries.....	8, 932	1, 607	2, 221	1, 183	2, 094	1, 159	(1)
All other acute conditions.....	34, 657	6, 545	6, 490	6, 100	10, 232	4, 316	1, 975
<b>RATE PER 100 PERSONS</b>							
<b>Both sexes</b> .....	<b>130.7</b>	<b>272.7</b>	<b>142.1</b>	<b>125.2</b>	<b>109.0</b>	<b>89.7</b>	<b>86.5</b>
Male.....	123.0	280.7	130.8	112.0	91.9	86.9	76.0
Female.....	137.9	264.4	153.8	137.2	124.8	92.3	95.1
Infectious and parasitic diseases.....	16.0	43.4	26.9	9.6	9.3	6.8	(1)
Upper respiratory conditions.....	40.1	118.0	44.2	30.9	24.6	25.2	23.9
Other respiratory conditions.....	25.8	40.8	25.2	22.0	25.0	21.9	24.8
Digestive system conditions.....	7.0	11.6	5.0	8.5	7.4	6.1	(1)
Fractures, dislocations, sprains, and strains.....	5.6	(1)	5.3	8.2	6.0	6.1	(1)
Open wounds and lacerations.....	6.9	11.6	9.5	7.8	5.8	4.1	(1)
Contusions and superficial injuries.....	4.3	(1)	4.4	6.3	3.8	4.1	(1)
Other current injuries.....	5.1	8.1	6.2	5.2	4.6	3.2	(1)
All other acute conditions.....	19.8	32.8	15.4	26.8	22.5	12.1	13.0

<sup>1</sup> Withheld because estimate did not meet publication standards.

Source: Department of Health, Education, and Welfare, Public Health Service; *Health Statistics From the U.S. National Health Survey*.

# **No. 104. AVERAGE PREVALENCE OF SELECTED CHRONIC CONDITIONS BY AGE, SEX, AND RESIDENCE: 1957-59**

[Excludes Alaska and Hawaii. Data are annual averages based on household interviews from July 1957 through June 1959 and refer to the civilian noninstitutional population. Based on a sample and subject to sampling variability; see source for detailed explanation]

SELECTED CONDITIONS	Total	AGE			SEX		RESIDENCE		
		0 to 44 years	45 to 64 years	65 and over	Male	Female	Urban	Rural non-farm	Rural farm
<b>CHRONIC CONDITIONS (1,000)</b>									
Heart conditions.....	5, 013	967	1, 863	2, 183	2, 520	2, 484	3, 037	1, 308	608
High blood pressure.....	5, 234	1, 023	2, 317	1, 894	1, 498	3, 736	3, 250	1, 287	717
Diabetes.....	1, 530	266	671	593	660	871	954	380	197
Peptic ulcer.....	2, 440	1, 155	959	327	1, 771	669	1, 444	658	337
Arthritis and rheumatism.....	10, 845	1, 924	5, 022	3, 898	3, 806	7, 038	6, 442	2, 664	1, 730
Hernia.....	2, 539	881	857	801	1, 916	623	1, 437	662	410
Asthma-hay fever.....	9, 225	6, 345	2, 094	786	4, 556	4, 669	5, 684	2, 620	921
Chronic bronchitis.....	1, 980	1, 200	503	277	957	1, 023	1, 229	569	182
Visual impairments.....	3, 048	695	839	1, 514	1, 476	1, 571	1, 810	802	436
Deafness and other hearing impairments.....	5, 798	1, 528	1, 750	2, 520	3, 277	2, 521	3, 486	1, 550	702
Paralysis of major extremities and/or trunk.....	936	323	285	328	510	426	577	240	119
<b>RATE PER 1,000 PERSONS</b>									
Heart conditions.....	29.5	8.0	53.0	148.8	30.6	28.5	29.5	28.0	33.1
High blood pressure.....	30.8	8.5	66.7	129.1	18.1	42.8	31.6	27.1	35.6
Diabetes.....	9.0	2.2	19.3	40.4	8.0	10.0	9.3	8.1	9.8
Peptic ulcer.....	14.4	9.6	27.6	22.3	21.4	7.7	14.0	14.1	16.7
Arthritis and rheumatism.....	63.9	16.0	144.5	265.8	46.1	80.7	62.6	58.9	80.3
Hernia.....	14.9	7.3	24.7	54.6	23.2	7.1	14.0	14.8	20.3
Asthma-hay fever.....	54.3	52.7	60.2	53.6	55.1	53.5	55.2	56.0	45.7
Chronic bronchitis.....	11.7	10.0	14.5	18.9	11.6	11.7	11.0	12.2	9.0
Visual impairments.....	17.9	5.8	24.1	103.2	17.9	18.0	17.6	17.1	21.6
Deafness and other hearing impairments.....	34.1	12.7	50.3	171.8	39.7	28.9	33.9	33.1	37.8
Paralysis of major extremities and/or trunk.....	5.5	2.7	8.2	22.4	6.2	4.9	5.6	5.1	5.9

Source: Department of Health, Education, and Welfare, Public Health Service; *Health Statistics From the U.S. National Health Survey*, and records.



# No. 105. DAYS OF DISABILITY PER YEAR AND PER 100 PERSONS, BY ACUTE CONDITION GROUP: 1961

[For year ending June 30. Includes Alaska and Hawaii. Data refer to civilian noninstitutional population and contain some duplications, since time lost because of several concurrent conditions is counted under each contributing condition. Based on a sample and subject to sampling variability; see source for detailed explanation. For definitions of types of time lost, see footnotes, table 106]

ITEM	ACUTE CONDITION GROUP				
	Infectious and parasitic	Respiratory	Digestive	Injuries	All other
Number of cases-----1,000,000--	49.1	196.3	22.6	49.7	41.7
Rate per 100 persons-----	27.6	110.3	12.7	27.9	23.4
TOTAL DISABILITY DAYS (1,000,000)					
Restricted activity-----	225.4	631.4	77.4	331.6	259.5
Bed disability-----	107.7	267.9	34.4	83.5	97.8
Work loss <sup>1</sup> -----	16.0	68.0	12.4	75.8	23.1
School loss <sup>2</sup> -----	46.8	84.9	6.9	10.5	11.1
DAYS PER 100 PERSONS					
Restricted activity-----	126.6	354.7	43.5	186.3	145.8
Bed disability-----	60.5	150.5	19.3	46.9	55.0
Work loss <sup>1</sup> -----	25.7	109.6	20.0	122.1	45.2
School loss <sup>2</sup> -----	121.7	220.6	17.8	27.3	23.8

<sup>1</sup> Computed for persons 17 years old and over.

<sup>2</sup> Computed for children 6 to 16 years old.

<sup>3</sup> Population upon which rate is computed is only persons 17 years old and over who reported "working" as their major activity during the 12-month period preceding the week of interview.

Source: Department of Health, Education, and Welfare, Public Health Service; *Health Statistics From the U.S. National Health Survey*.

# No. 106. DAYS OF DISABILITY PER YEAR AND PER PERSON, BY TYPE OF TIME LOST AND SEX: 1961

[For year ending June 30. Includes Alaska and Hawaii. Data refer to civilian noninstitutional population. Based on a sample and subject to sampling variability; see source for detailed explanation]

TYPE OF TIME LOST	TOTAL DISABILITY DAYS (1,000,000)			DAYS PER PERSON					
	Both sexes	Male	Female	Total	Sex		Residence		
					Male	Female	Urban	Rural nonfarm	Rural farm
Restricted-activity days <sup>1</sup> -----	2,937.4	1,261.9	1,675.5	16.5	14.6	18.3	16.3	15.8	19.1
Bed-disability days <sup>2</sup> -----	1,040.0	436.1	603.9	5.8	5.0	6.6	5.8	5.6	6.4
Work-loss days <sup>3</sup> -----	364.6	237.1	127.5	5.4	5.3	5.6	5.3	5.3	6.6
School-loss days <sup>4</sup> -----	183.9	94.7	89.2	4.8	4.8	4.7	5.1	4.7	3.9

<sup>1</sup> A day when a person cuts down on his usual activities for the whole of the day because of an illness or an injury. Includes bed-disability, work-loss, and school-loss days.

<sup>2</sup> A day on which a person was kept in bed either all or most of the day because of an illness or injury. Includes those work-loss and school-loss days actually spent in bed.

<sup>3</sup> A day is counted as a work-loss day if a person loses the entire work day because of illness or injury. Computed for persons 17 years of age and over. Population upon which rate is computed includes only persons who were "currently employed," defined as those who were working or had a job or business during the 2-week period preceding the week of interview.

<sup>4</sup> A day is counted as lost from school if the child lost the entire school day because of illness or injury. Computed for children 6 to 16 years of age.

Source: Department of Health, Education, and Welfare, Public Health Service; records.

# No. 107. FREQUENCY OF SPECIFIED HEALTH CONDITIONS AND UTILIZATION OF SERVICES, BY AGE GROUPS: 1959 AND 1960

[Rate per 100 persons per year. For years ending June 30. Excludes Alaska and Hawaii. Based on a sample and subject to sampling variability; see source for detailed explanation]

SUBJECT	1959			1960		
	All ages	Persons under 65	Persons 65 and over	All ages	Persons under 65	Persons 65 and over
Restricted activity days <sup>1</sup>	1,577	1,363	3,790	1,621	1,415	3,782
Bed-disability days including hospital days <sup>1</sup>	577	516	1,216	604	533	1,355
Days in short-stay hospitals	86	77	185	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Incidence of acute conditions	215	222	134	203	210	130
Persons with one or more chronic conditions	40	37	77	41	38	78
Persons with activity limited by chronic conditions	10	7	41	11	7	43
Persons injured	27	27	21	25	25	23
Physician visits	475	456	670	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Dental visits	145	150	83	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )

<sup>1</sup> For definition of terms, see footnotes 1 and 2, table 106.

<sup>2</sup> Not available.

Source: Department of Health, Education, and Welfare, Public Health Service; *Health Statistics From the U.S. National Health Survey*; and records.

# No. 108. PERCENT DISTRIBUTION OF AGED COUPLES AND NONMARRIED BENEFICIARIES BY MEDICAL COST INCURRED: 1957

[Based on survey of old-age and survivors insurance beneficiaries. For coverage under social security, see text, p. 273. See headnote, table 13, for definition of median]

TOTAL MEDICAL COSTS	BENEFICIARY COUPLES <sup>1</sup>		NONMARRIED BENEFICIARIES <sup>3</sup>		TOTAL MEDICAL COSTS	BENEFICIARY COUPLES <sup>1</sup>		NONMARRIED BENEFICIARIES <sup>3</sup>	
	Total	With 1 or both hospitalized <sup>2</sup>	Total	Hospitalized <sup>2</sup>		Total	With 1 or both hospitalized <sup>2</sup>	Total	Hospitalized <sup>2</sup>
Total	100.0	100.0	100.0	100.0	\$400 to \$499	5.6	9.1	2.5	6.0
None incurred	2.8		8.3		\$500 to \$599	4.0	8.1	1.0	3.9
\$1 to \$99	28.0	1.2	42.8	1.8	\$600 to \$799	3.4	8.3	1.7	8.4
\$100 to \$199	17.1	3.6	17.1	9.3	\$800 to \$999	2.3	7.7	1.0	6.0
\$200 to \$299	12.6	5.5	8.6	8.1	\$1,000 or more	7.0	28.2	4.0	21.6
\$300 to \$399	8.5	7.9	3.8	6.9	Not reported	8.7	20.3	9.2	28.1
					Median <sup>4</sup>	\$195	\$700	\$95	\$600

<sup>1</sup> A couple consists of a beneficiary drawing a retired worker's benefit and a spouse, whether or not entitled to benefits. Included are 47 couples that had a member hospitalized the entire survey year or that were broken by death, divorce, or legal separation during the survey year.

<sup>2</sup> In a general hospital or in an institution for long-term care such as a nursing home or mental or tuberculosis hospital; in case of beneficiary couples, one or both members were hospitalized.

<sup>3</sup> Includes beneficiaries never married and those widowed, divorced, or separated during the entire survey year.

<sup>4</sup> Medians are interpolated from intervals, excluding beneficiary groups with cost not reported.

Source: Department of Health, Education, and Welfare, Social Security Administration.

### No. 109. PERCENT DISTRIBUTION OF AGED COUPLES AND NONMARRIED BENEFICIARIES, BY MEANS OF MEETING MEDICAL COST: 1957

[Based on survey of old-age and survivors insurance beneficiaries. For coverage under social security, see text, p. 273]

MEANS OF MEETING COST	BENEFICIARY COUPLES <sup>1</sup>			NONMARRIED BENEFICIARIES <sup>2</sup>		
	All couples	Not hospitalized	Hospitalized <sup>3</sup>	All beneficiaries	Not hospitalized	Hospitalized <sup>3</sup>
<b>Total</b> .....	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
No cost incurred.....	2.8	3.5	-----	8.3	9.9	-----
All costs met out of beneficiary's resources <sup>4</sup> .....	78.4	84.5	56.9	70.3	75.3	42.2
Some costs met out of beneficiary's resources; beneficiary incurred debts for balance.....	5.5	2.6	15.8	2.2	1.6	6.0
Some or all costs met by others, total <sup>5</sup> .....	13.2	9.3	27.0	19.0	13.3	51.8
By relatives <sup>6</sup> .....	0.5	4.4	14.1	10.4	7.3	28.1
By public assistance agency.....	2.2	1.6	4.1	5.6	3.9	15.3
By other public or private welfare agency, including hospital <sup>7</sup> .....	5.6	3.4	13.2	4.7	2.6	16.5
Percent with costs met by health insurance.....	15.2	4.4	52.9	7.7	1.4	43.4
Percent incurring medical debts.....	6.8	3.0	20.3	3.1	2.0	9.6

<sup>1</sup> See footnote 1, table 108. <sup>2</sup> See footnote 2, table 108. <sup>3</sup> See footnote 3, table 108.

<sup>4</sup> Beneficiary resources include income, assets, and health insurance.

<sup>5</sup> Total is smaller than sum of sub-items because sub-items are not mutually exclusive.

<sup>6</sup> Includes only beneficiaries who had medical bills paid directly by relatives or who received money from relatives to pay their medical bills. Excludes beneficiaries whose housing and food costs were paid wholly or in part by relatives.

<sup>7</sup> Includes a few cases where a private physician made no charge.

Source: Department of Health, Education, and Welfare, Social Security Administration.

### No. 110. NUMBER OF PERSONS REQUIRING HOME CARE AND NUMBER OF PERSONS WITH SPECIFIED TYPE OF SPECIAL AID: 1959

[For year ending June 30. Excludes Alaska and Hawaii. Data refer to civilian noninstitutional population. Based on a sample and subject to sampling variability; see source for detailed explanation]

SUBJECT	NUMBER (1,000)			RATE PER 1,000 PERSONS		
	All ages	Under 65 years	65 and over	All ages	Under 65 years	65 and over
<b>Persons requiring home care</b> .....	<b>1,128</b>	<b>470</b>	<b>658</b>	<b>6.6</b>	<b>3.0</b>	<b>44.4</b>
Constant.....	650	282	368	3.8	1.8	24.8
Part-time.....	478	188	290	2.8	1.2	19.6
<b>Persons with special aids:</b>						
Hearing aid.....	1,161	514	648	6.8	3.3	43.7
Artificial arm or leg.....	139	115	25	0.8	0.7	1.7
Brace.....	695	633	62	4.1	4.0	4.2
Wheel chair.....	253	99	154	1.6	0.6	10.4

Source: Department of Health, Education, and Welfare, Public Health Service, U.S. National Health Survey; records.

### No. 111. NUTRITION—NUTRIENTS AVAILABLE FOR CIVILIAN CONSUMPTION PER CAPITA PER DAY: 1930 TO 1961

[Excludes Alaska and Hawaii. Based on Bureau of the Census estimated population as of July 1. Computed on basis of estimates of apparent civilian consumption (retail basis) including consumption from home gardens. No deductions have been made in nutrient estimates for loss or waste in home or for destruction or loss of nutrients during preparation of food. Deductions have been made for inedible refuse. Data for iron, thiamine, riboflavin, and niacin include amounts of these nutrients added to prepared cereals, bread, and white flour under enrichment program. See also *Historical Statistics, Colonial Times to 1967*, series G 546-551]

NUTRIENTS	Units	1930	1940	1950	1955	1957	1958	1959	1960	1961 (prel.)
Food energy.....	Cal.....	3,500	3,380	3,300	3,220	3,150	3,180	3,210	3,190	3,190
Protein.....	Grams.....	93	93	95	96	94	95	96	95	96
Fat.....	do.....	136	144	147	148	144	146	148	146	147
Carbohydrate.....	do.....	484	437	409	386	379	382	382	382	382
Calcium.....	do.....	0.91	0.96	1.02	1.03	1.00	1.02	1.00	0.99	0.99
Iron.....	Mg.....	14.5	15.0	16.8	16.4	16.6	16.1	16.4	16.5	16.5
Vitamin A value.....	I. U.....	7,900	8,100	8,000	7,400	7,200	7,200	7,200	7,000	7,000
Thiamine.....	Mg.....	1.57	1.56	1.88	1.85	1.78	1.70	1.83	1.70	1.78
Riboflavin.....	do.....	1.02	1.07	2.32	2.34	2.28	2.28	2.27	2.26	2.24
Niacin.....	do.....	16.1	16.7	19.4	19.7	19.8	19.7	20.2	20.1	20.4
Ascorbic acid.....	do.....	110	119	108	108	106	101	104	105	103
Folic acid.....	do.....	0.136	0.135	0.132	0.128	0.128	0.127	0.127	0.127	0.128

Source: Department of Agriculture, Economic Research Service; published annually in *National Food Situation*.

# No. 112. NUTRITION—APPARENT CIVILIAN PER CAPITA CONSUMPTION OF MAJOR FOOD COMMODITIES: 1930 to 1961

[In pounds, except as noted. Data on calendar year basis except as follows: Dried fruit, pack year; fresh citrus fruits and rice, crop year beginning previous year; peanuts and dry field peas, crop year beginning September of year indicated; and prior to 1950, canned fruits on a pack year. Excludes Alaska and Hawaii. Based on Bureau of the Census estimated population as of July 1. See also *Historical Statistics, Colonial Times to 1957*, series G 652-684]

COMMODITY	1930	1940	1950	1955	1957	1958	1959	1960	1961 (prel.)
Meats (carcass weight), total.....	129.0	142.4	144.6	162.8	188.7	151.6	159.5	161.5	160.6
Beef.....	48.9	54.9	63.4	82.0	84.6	80.5	81.4	85.2	86.7
Veal.....	6.4	7.4	8.0	9.4	8.8	6.7	5.7	6.2	5.9
Lamb and mutton.....	3.7	6.6	4.0	4.6	4.2	4.2	4.8	4.8	5.0
Pork (excluding lard).....	67.0	73.5	69.2	66.8	61.1	60.2	67.6	65.3	63.0
Fish (edible weight), total.....	10.3	10.6	11.6	10.4	10.1	10.6	10.7	10.5	10.6
Fresh and frozen.....	5.9	5.8	6.4	6.0	5.6	5.8	6.0	5.9	(1)
Canned <sup>2</sup> .....	3.4	4.2	4.5	3.8	3.9	4.2	4.1	4.0	(1)
Cured.....	1.0	0.6	0.7	0.6	0.6	0.6	0.6	0.6	(1)
Poultry products:									
Eggs (number).....	331	319	389	371	362	354	353	334	323
Chicken (ready-to-cook).....	15.7	14.1	20.6	21.3	25.5	28.2	28.9	28.3	30.1
Turkey (ready-to-cook).....	1.5	2.9	4.1	5.0	5.9	5.9	6.3	6.3	7.4
Dairy products:									
Total milk fat solids.....	32.1	32.5	29.4	27.2	26.0	25.7	25.0	24.6	24.0
Total nonfat milk solids.....	35.7	38.1	42.7	44.3	44.8	44.0	44.1	44.1	43.7
Cheese.....	4.7	6.0	7.7	7.9	7.7	8.2	8.1	8.4	8.7
Condensed and evaporated milk.....	13.6	19.3	20.1	16.2	15.4	14.8	14.3	13.8	13.3
Fluid milk and cream.....	337	331	349	350	344	336	330	324	314
Ice cream (product weight).....	0.8	11.4	17.2	18.0	18.0	17.8	18.7	18.4	17.9
Fats and oils, total, fat content.....	(1)	46.4	45.9	45.9	44.3	45.3	46.2	45.4	45.8
Butter, farm and factory (actual weight).....	17.6	17.0	10.7	9.0	8.3	8.3	7.9	7.5	7.5
Margarine (actual weight).....	2.6	2.4	6.1	8.2	8.6	9.0	9.2	9.4	9.6
Lard.....	12.7	14.4	12.6	10.1	9.4	9.6	8.8	7.7	7.9
Shortening.....	9.8	9.0	11.0	11.5	10.4	11.3	12.6	12.6	12.7
Other edible fats and oils.....	(1)	7.4	8.6	10.5	10.8	10.5	11.1	11.5	11.4
Fruits:									
Fresh, total.....	133.6	142.1	107.4	101.6	99.3	97.8	101.5	97.4	95.4
Citrus.....	31.2	56.7	41.2	41.7	37.0	30.9	34.0	33.3	30.7
Apples (commercial).....	42.1	29.7	23.2	20.0	19.3	22.5	23.0	20.1	20.1
Other (excluding melons).....	60.3	55.7	43.0	39.9	43.0	44.4	44.5	44.0	44.6
Processed:									
Canned fruit.....	12.8	19.1	22.0	22.6	22.4	22.7	22.1	23.1	23.1
Canned juices (excl. frozen).....	0.3	7.2	13.4	12.9	13.2	12.7	11.2	12.1	12.2
Frozen (incl. juices).....	0.5	1.3	4.3	8.7	9.0	7.9	8.8	9.1	9.2
Dried.....	5.4	6.0	4.1	3.6	3.6	3.0	3.3	3.3	3.3
Vegetables and melons:									
Fresh (total commercial).....	144.9	143.4	139.5	133.3	130.3	129.0	125.6	127.2	123.2
Vegetables.....	111.9	116.9	114.6	104.6	104.6	102.1	100.4	100.6	99.0
Melons.....	33.0	26.5	24.9	20.2	25.7	26.9	25.2	26.6	24.2
Canned.....	28.4	34.4	42.1	43.5	43.0	44.7	44.8	44.5	44.8
Frozen.....	(1)	0.6	3.4	6.6	7.5	8.1	8.9	9.8	10.8
Potatoes.....	132	123	109	106	106	101	101	102	104
Sweet potatoes.....	18.3	16.2	12.1	8.2	7.2	6.7	7.7	6.2	5.6
Dry edible beans.....	9.5	8.4	8.6	7.3	7.5	7.7	7.6	7.3	7.6
Dry field peas.....	0.5	0.7	0.8	0.5	0.6	0.5	0.7	0.4	0.4
Sugar (refined).....	109.6	95.7	100.8	97.5	97.0	98.1	97.7	98.9	98
Grains:									
Corn products:									
Cornmeal.....	28.3	21.8	11.8	8.7	8.0	7.6	7.5	7.4	7.3
Corn sirup.....	7.4	7.9	9.2	9.0	8.9	9.5	9.9	10.2	10.4
Cornstarch.....	1.5	1.3	1.0	2.0	1.9	1.9	1.9	1.8	1.8
Corn sugar.....	5.8	2.9	4.5	3.7	3.2	3.7	3.9	3.7	3.7
Breakfast cereals.....	3.0	1.9	1.5	1.7	1.7	1.8	1.8	1.8	1.8
Hominy.....	1.7	1.7	2.6	2.5	2.8	3.0	3.0	3.0	3.0
Oat food products.....	6.0	4.0	3.3	3.3	3.4	3.5	3.5	3.5	3.5
Barley food products.....	5.4	1.1	1.4	1.0	1.0	1.0	1.0	1.0	1.0
Wheat:									
Flour.....	171	155	135	123	110	121	120	118	117
Breakfast cereals.....	3.2	3.3	3.1	2.9	2.8	2.8	2.7	2.7	2.7
Rye flour.....	2.7	2.4	1.8	1.4	1.2	1.2	1.2	1.2	1.2
Rice, milled.....	5.3	5.9	5.1	5.5	5.8	5.7	5.2	5.9	5.8
Beverages:									
Coffee.....	12.5	15.5	16.2	15.3	15.7	15.9	15.9	15.8	16.0
Tea.....	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Coconut beans.....	3.0	4.8	4.6	3.8	4.2	3.7	4.2	4.1	4.4
Peanuts (shelled).....	3.2	5.0	4.5	4.1	4.5	4.5	4.7	4.9	4.8

<sup>1</sup> Not available.

<sup>2</sup> Excludes canned food products containing small quantities of fish, such as chowder, etc.

<sup>3</sup> Includes apples from noncommercial areas. <sup>4</sup> Excludes produce from home gardens.

<sup>5</sup> In terms of malt equivalent. <sup>6</sup> Comprises white, whole wheat, and semolina flour. <sup>7</sup> Green bean basis.

Source: Department of Agriculture, Economic Research Service; published quarterly in *National Food Situation*.

# **No. 113. FEDERAL FOOD PROGRAMS—DIRECT DISTRIBUTION, INDEMNITY PLAN, AND SPECIAL MILK PROGRAM: 1940 TO 1961**

[For years ending June 30. Participation data for peak month. Includes Alaska, Hawaii, Puerto Rico, Guam, and Virgin Islands]

YEAR	DIRECT DISTRIBUTION						INDEMNITY PLAN <sup>1</sup> (school-lunch program)		SPECIAL MILK PROGRAM <sup>3</sup>	
	Institutions and welfare cases			School-lunch programs			Children participating	Cost	Quantity reimbursed	Cost <sup>1</sup>
	Persons participating	Quantity	Cost <sup>1</sup>	Children participating	Quantity	Cost <sup>1</sup>				
	1,000	Mil. lbs.	\$1,000	1,000	Mil. lbs.	\$1,000	1,000	\$1,000	Mil. lbs.	\$1,000
1940.....	11,010	1,095	57,674	2,496	93	3,962	7	1		
1945.....	945	106	7,043	3,938	94	5,796	4,630	41,613		
1950.....	1,113	255	24,452	10,129	467	55,189	7,840	64,637		
1955.....	4,623	207	97,359	10,213	298	83,136	10,072	69,142	450	17,150
1957.....	4,881	644	104,446	11,922	529	146,632	10,656	83,915	1,753	60,473
1958.....	6,054	620	109,472	13,641	341	90,764	11,492	83,830	1,918	66,321
1959.....	7,133	863	136,855	14,107	453	109,491	12,054	93,890	2,176	74,285
1960.....	5,764	654	75,168	15,635	523	132,025	12,839	93,814	2,385	80,480
1961.....	7,829	1,011	173,977	16,042	610	132,704	13,453	93,746	2,477	84,198

<sup>1</sup> Represents cost to the Federal Government of the commodity as delivered to the State distributing agency; includes cost of purchase, handling, warehousing, and transportation, but excludes administrative costs.

<sup>2</sup> For 1940, represents School Milk Program, which was merged with indemnity plan in July 1943. See also headnote, table 115. Cost refers to subsidy payments by the Federal Government; excludes administrative costs.

<sup>3</sup> Initiated in September 1954 to increase the consumption of fluid milk in schools and child-care institutions authorized under the Agricultural Act of 1954, as amended.

Source: Department of Agriculture, Statistical Reporting Service; annual report, *Agricultural Statistics*.

# **No. 114. FEDERAL FOOD PROGRAMS—DIRECT DISTRIBUTION, BY FOOD GROUPS: 1961**

[Quantity in thousands of pounds; cost in thousands of dollars. For year ending June 30. Includes Alaska, Hawaii, Puerto Rico, Guam, and Virgin Islands]

COMMODITY	TOTAL		INSTITUTIONS AND WELFARE CASES		SCHOOL-LUNCH PROGRAMS	
	Quantity	Cost	Quantity	Cost	Quantity	Cost
<b>Total.....</b>	<b>1,520,820</b>	<b>306,681</b>	<b>1,010,911</b>	<b>173,977</b>	<b>509,909</b>	<b>132,704</b>
Beans, dried.....	63,112	5,264	54,232	4,523	8,880	741
Dairy products.....	292,946	107,659	182,448	52,134	110,498	55,525
Canned fruits.....	80,063	10,153			80,063	10,153
Canned vegetables.....	37,697	3,966			37,697	3,966
Fats and oils.....	77,656	11,853	70,823	10,808	6,833	1,045
Grain products.....	737,546	42,172	594,392	33,784	143,154	8,388
Meat products.....	151,712	74,544	70,976	38,600	80,736	35,944
Poultry products.....	55,452	46,110	25,568	31,793	29,884	14,317
Miscellaneous.....	24,636	4,960	12,472	2,335	12,164	2,625

Source: Department of Agriculture, Statistical Reporting Service; annual report, *Agricultural Statistics*.

### No. 115. SCHOOL LUNCH PROGRAM (INDEMNITY PLAN)—SCHOOLS AND CHILDREN PARTICIPATING, BY STATES AND OTHER AREAS: 1961

[Comprises elementary and secondary schools. The indemnity plan is a subsidy program to expand markets for agricultural products, maintain outlets for government-owned commodities, and support school-lunch programs. Sponsors of school-lunch programs are reimbursed by the Federal Government for local purchases of food on a basis of quality and quantity of meals served]

STATE OR OTHER AREA	Number of schools partici- pating <sup>1</sup>	ENROLLMENT			STATE OR OTHER AREA	Number of schools partici- pating <sup>1</sup>	ENROLLMENT		
		Total <sup>2</sup> (1,000)	Participating				Total <sup>2</sup> (1,000)	Participating	
			Number <sup>1</sup> (1,000)	Per- cent				Number <sup>1</sup> (1,000)	Per- cent
Total.....	63,961	42,205	13,453	31.9	U.S.—Continued				
United States.....	61,963	41,561	13,263	31.8	Mont.....	488	164	49	29.6
Ala.....	1,421	818	353	43.1	Nebr.....	591	329	102	31.0
Alaska.....	49	45	8	17.1	Nev.....	90	67	12	17.8
Ariz.....	440	333	116	34.9	N.H.....	321	138	40	20.0
Ark.....	992	434	205	47.2	N.J.....	940	1,323	179	13.5
Calif.....	3,466	3,056	664	18.2	N. Mex.....	472	247	83	33.7
Colo.....	872	428	144	33.7	N.Y.....	3,630	3,595	866	24.1
Conn.....	696	574	125	21.9	N.C.....	1,797	1,114	581	32.2
Del.....	129	100	25	25.1	N. Dak.....	651	156	74	47.3
D.C. <sup>3</sup> .....	45	144	13	9.2	Ohio.....	2,422	2,287	589	25.8
Fla.....	1,360	1,030	479	46.5	Okla.....	1,653	556	207	37.2
Ga.....	1,790	949	500	52.7	Oreg.....	808	415	148	35.8
Hawaii.....	200	171	111	64.7	Pa.....	2,716	2,495	636	25.5
Idaho.....	480	166	66	39.7	R.I.....	172	181	30	16.8
Ill.....	2,474	2,221	468	21.1	S.C.....	1,180	593	321	54.1
Ind.....	1,690	1,103	382	34.6	S. Dak.....	325	164	51	30.9
Iowa.....	1,531	660	291	44.2	Tenn.....	1,862	824	376	45.7
Kans.....	1,187	510	178	34.9	Tex.....	3,212	2,278	674	29.6
Ky.....	1,418	693	353	50.9	Utah.....	453	243	106	43.6
La.....	1,611	836	574	68.7	Vt.....	340	91	33	35.8
Maine.....	614	230	72	30.0	Va.....	1,463	894	353	30.4
Md.....	828	722	191	26.5	Wash.....	1,271	687	219	31.8
Mass.....	1,201	1,067	305	28.6	W. Va.....	1,491	452	175	38.6
Mich.....	1,941	1,663	375	19.1	Wis.....	2,232	941	271	28.8
Minn.....	1,538	835	347	41.5	Wyo.....	222	83	30	36.3
Miss.....	901	692	273	46.1	P. R.....	1,953	619	241	38.0
Mo.....	2,427	955	380	39.7	Guam <sup>3</sup> .....	14	16	3	21.2
					V. I.....	31	9	6	65.8

<sup>1</sup> Data are for December 1960 and represent average number of children participating in program for that month. The number of schools and children may have been higher in some States during other months but December was the peak month in terms of children participating nationally.

<sup>2</sup> Source: Office of Education. Enrollment data for public schools are for fall 1960, for private schools, fall 1957.

<sup>3</sup> Excludes participation of the Type C, or milk only, lunch authorized under National School Lunch Program. Reimbursement for this type has been discontinued in other States.

Source: Department of Agriculture, Statistical Reporting Service.

### No. 116. SURPLUS FOOD DONATED TO NEEDY FAMILIES—COUNTIES PARTICIPATING, RECIPIENTS, QUANTITY, AND COST: 1950 TO 1961

[For years ending June 30. Participation data for peak month. Excludes Alaska, Hawaii, Puerto Rico, Virgin Islands, and Trust Territory of the Pacific]

YEAR	Counties participating	Persons eligible	RECIPIENTS				COMMODITIES DONATED	
			Total	Public assistance	Other <sup>1</sup>	Percent of persons eligible	Quantity	Cost <sup>2</sup>
1950.....	(3)	1,000	1,000	1,000	1,000	(3)	Mil. lb.	Mil. dol.
1951.....	(3)	(3)	248	(3)	(3)	(3)	45.8	6.0
1952.....	(3)	(3)	1,225	(3)	(3)	(3)	45.5	6.8
1953.....	(3)	(3)	169	(3)	(3)	(3)	1.7	.5
1954.....	(3)	(3)	114	(3)	(3)	(3)	0.8	.4
1954.....	251	(3)	1,089	373	716	(3)	37.5	11.9
1955.....	587	3,562	3,201	733	2,558	92	201.2	61.9
1956.....	753	3,508	3,170	1,082	2,088	90	394.4	91.0
1957.....	967	4,018	3,485	1,132	2,353	87	480.8	77.9
1958.....	1,069	5,391	4,665	2,092	2,573	87	471.5	75.9
1959.....	1,214	6,553	5,741	2,415	3,326	88	706.8	107.0
1960.....	1,182	5,415	4,309	2,043	2,266	80	525.9	59.4
1961.....	1,401	7,086	6,384	2,631	3,753	90	855.5	140.0

<sup>1</sup> Unemployed and low-income persons other than those on regular public assistance rolls.

<sup>2</sup> Total cost to Federal Government including commodity cost, warehousing, processing, repackaging, miscellaneous handling charges, and transportation costs to designated carload receiving points within the various States.

<sup>3</sup> Not available.

Source: Department of Agriculture, Statistical Reporting Service.

## Section 3

### Immigration and Naturalization

This section presents statistics related to immigration, naturalization, and alien registration. The principal source of these data is the *Annual Report* of the Immigration and Naturalization Service. Immigration statistics are prepared from passenger and crew lists or manifests, and land border station registrations. Statistics for naturalizations are compiled from periodic reports by courts conducting such proceedings, and those for alien registrations are compilations of data from alien address report cards.

Although the reporting of alien arrivals was required in certain of the colonies and original States, the continuous record begins in 1819. Under the Act of March 2, 1819, passenger lists for all vessels arriving from foreign places were to be delivered to the local collector of customs, copies transmitted to the Secretary of State, and the information reported to Congress. Immigration statistics were compiled by the Department of State from 1820 to 1874 and by the Bureau of Statistics of the Treasury Department from 1867 to 1895. Since 1892 there has been a separate office or bureau of immigration, now a part of the Immigration and Naturalization Service. Annual reports were issued by this bureau from 1892 to 1932. From 1933 to 1940, a summary of the work of the Immigration and Naturalization Service was given in the Annual Reports of the Secretary of Labor. For 1941, the *Annual Report of the Attorney General* contained a report on immigration and naturalization. For subsequent fiscal years, annual reports of the Immigration and Naturalization Service (submitted by the Commissioner to the Attorney General) were published independently.

**Immigration.**—Since 1820 the official immigration statistics (see table 118) have changed considerably in coverage. The early figures were for arrivals at Atlantic and Gulf coast seaports of the United States. Pacific coast arrivals were first reported in 1850. Aliens arriving at Canadian seaports en route to the United States were included after 1893. The reporting of arrivals over the land borders began in 1904 and was gradually extended up to 1908. For reporting purposes, Hawaii in 1901, Puerto Rico in 1902, and Alaska in 1904 were treated as integral parts of the United States. Travel between the Philippine Islands and the United States was not treated as immigration or emigration between July 1, 1898 and May 1, 1934. Prior to 1868 arriving alien passengers were recorded; thereafter aliens coming for temporary stay were omitted. The passage of the Act of 1891 increased the number of excludable classes. The basis of reporting was then changed from arrivals to admissions, omitting aliens not permitted to enter the United States, except for the period 1895 to 1897 when the reporting of arrivals was resumed. Two classes of alien admissions are now reported, immigrant under either quota or nonquota status, and nonimmigrant.

**Immigrant.**—An immigrant is defined as an alien, other than a returning resident, admitted for permanent residence.

**Quota immigrant.**—Quotas limit immigration from countries other than those of the Western Hemisphere. Until 1920 there was only a qualitative limitation on immigration into this country. The 1921 Act placed the first numerical ceiling upon immigration. Each country's quota was to be 3 percent of the number of people born in that country who were residing in the United States as reported by the 1910 Census of Population. In 1924, a new formula was enacted for computing a country's quota, based on 2 percent of the number of people born in that country who were residing in the United States as determined by the 1890 Census of Population. The 1924 Act also provided that beginning July 1, 1929, the quota of any country shall have the same ratio to 150,000 as the number of persons of that national origin living in the United States had to the total population living in the United States, as determined

from the 1920 Census of Population. This Act also established minimum quotas of 100 for all quota areas and thereby raised the total quota authorized to 153,714. By 1952, this figure had become 154,277 by virtue of minor changes. The most recent step in legislation was in the Immigration and Nationality Act of 1952, which simplified the national origins formula of the 1924 Act by basing the annual quota on a flat one-sixth of 1 percent of the population in the 1920 Census. By Presidential proclamation effective January 1, 1953, new quotas were established for each quota area, totaling 154,657. Quotas were further revised during 1957, 1958, 1959, 1960, and 1961 by Presidential proclamation, and the total now stands at 156,487.

**Nonquota immigrant.**—Nonquota immigrants comprise immigrants born in Canada, Mexico, Cuba, Haiti, the Dominican Republic, the Canal Zone, and countries of Central and South America, and their spouses and children under age 21 if accompanying or following to join such immigrants; spouses and children of citizens of the United States; ministers of religious denominations, their spouses and children, if accompanying or following to join such ministers; refugees; and others.

**Nonimmigrant.**—Nonimmigrants are aliens who enter the United States for temporary periods or resident aliens returning from a temporary stay abroad. Included in the nonimmigrant class are foreign government officials, their families, attendants, servants and employees; temporary visitors for business or pleasure; aliens in continuous transit through the United States; returning resident aliens; students; and others. Certain temporary admissions such as of persons in possession of border-crossing identification cards are not included in the nonimmigrant totals.

**Displaced persons and refugees.**—The Displaced Persons Act of 1948, as amended, authorized the entry of certain displaced persons and other refugees without regard to the current availability of quotas, but subject to charges made against future annual quotas. The major provisions of the Displaced Persons Program expired in December 1951, and the program was nearly completed by June 30, 1952.

The Refugee Relief Act of 1953 authorized the issuance of 214,000 special nonquota visas until the end of 1956 to German, Italian, Greek, Far-Eastern, and other refugees and expellees from the Soviet and other Communist-dominated countries. An act passed September 11, 1957, further provided for the reallocation of 18,000 of these visas which were unused. The act of July 29, 1953, authorized nonquota admission of eligible orphans adopted by citizen members of the Armed Forces or by government employees serving overseas. The act of July 25, 1958, authorized the adjustment of status to that of permanent residents for Hungarian parolees after they had acquired 2 years residence in the United States. The act of September 2, 1958, authorized admission as nonquota immigrants of Azores victims of earthquakes and of Netherlands nationals displaced from Indonesia. The act of September 22, 1959, allowed nonquota admission of certain relatives of refugees who had previously been admitted under the Refugee Relief Act.

**Alien registration.**—The Immigration and Nationality Act provides that each alien who is required to be registered under the Alien Registration Act of 1940, and who is in the United States on January 1, must report his current address to the Attorney General during the month of January. Alien address report cards are distributed through the Post Offices of the United States or the local offices of the Immigration and Naturalization Service.

**Naturalization.**—Naturalization statistics for the United States began with the fiscal year 1907. Prior to this time each court kept records of naturalizations but no national data were compiled. The Act of June 29, 1906, effective September 27, 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. Naturalization statistics were originally compiled by the Bureau of Immigration and Naturalization of the Department of Commerce and Labor, now the Immigration and Naturalization Service of the Department of Justice.



**Alaska and Hawaii.**—For a general statement concerning the treatment of data for Alaska and Hawaii, see preface. "Conterminous area" refers to the United States excluding Alaska, Hawaii, and outlying areas.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics, Colonial Times to 1957*, series C 139") provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

# **No. 117. ANNUAL IMMIGRATION QUOTAS, BY COUNTRY, UNDER SUCCESSIVE IMMIGRATION LAWS AND AMENDMENTS: 1921 TO 1961**

[See table 119 for quota immigrants admitted. For explanation of the various acts, see text, p. 93. See also *Historical Statistics, Colonial Times to 1957*, series C 139]

COUNTRY	1921 Act (3 percent, 1910)	1924 ACT		1952 Immi- gration and Nationality Act, as amended (1961 quota)
		Effective 1924 (2 percent, 1890) <sup>1</sup>	Effective 1929 (national ori- gin ratio) <sup>2</sup>	
All countries.....	356,995	164,667	<sup>3</sup> 153,714	<sup>4</sup> 156,487
Europe.....	355,406	161,546	150,591	149,597
Austria.....	7,451	785	1,413	1,405
Belgium.....	1,663	612	1,304	1,297
Bulgaria.....	302	100	100	100
Czechoslovakia.....	14,282	3,673	2,874	2,859
Denmark.....	5,694	2,789	1,181	1,176
Finland.....	3,921	471	560	560
France.....	5,729	3,954	3,086	3,069
Germany.....	68,059	51,227	25,957	25,814
Great Britain <sup>5</sup> .....	77,342	34,007	65,721	65,361
Greece.....	3,294	100	307	308
Hungary.....	5,638	473	869	865
Iceland.....		100	100	100
Ireland <sup>5</sup> .....		28,567	17,863	17,753
Italy.....	42,057	3,845	5,802	5,650
Netherlands.....	3,607	1,648	2,163	3,130
Norway.....	12,202	6,453	2,377	2,364
Poland.....	25,827	5,982	6,624	6,488
Portugal.....	2,520	603	440	428
Romania.....	7,419	603	235	289
Spain.....	912	131	252	250
Sweden.....	20,042	9,561	3,314	3,295
Switzerland.....	3,752	2,081	1,707	1,698
Turkey.....	656	100	220	225
U. S. S. R.....	34,284	2,248	2,784	2,697
Yugoslavia.....	6,426	671	845	942
Other Europe.....	2,427	1,562	1,538	1,434
Asia.....	1,043	1,300	1,323	3,090
Africa.....	122	1,200	1,200	3,200
Australia, New Zealand, and other Oceania.....	369	221	200	600
All others.....	65	400	400	

<sup>1</sup> Presidential Proclamation 1703 of June 30, 1924.

<sup>2</sup> Presidential Proclamation 1872 of March 22, 1929.

<sup>3</sup> Quota was 153,714 in 1930-1931; 153,831 in 1932-1933; 153,774 in 1934-1944; 153,879 in 1945-1946; 153,929 in 1947-1949; 154,206 in 1950; and 154,277 in 1951-1952.

<sup>4</sup> Quota was 154,657 in 1953-1956 (Presidential Proclamation 2980 of June 30, 1952); 154,857 in 1957; 154,957 in 1958; 154,857 in 1959; 154,887 in 1960; and 156,487 in 1961.

<sup>5</sup> Prior to 1925, Great Britain includes all Ireland; thereafter, only Northern Ireland.

Source: Department of Justice, Immigration and Naturalization Service; *Annual Report*.

FIG. VI. IMMIGRANTS ADMITTED: 1950 TO 1961

[See table 128]

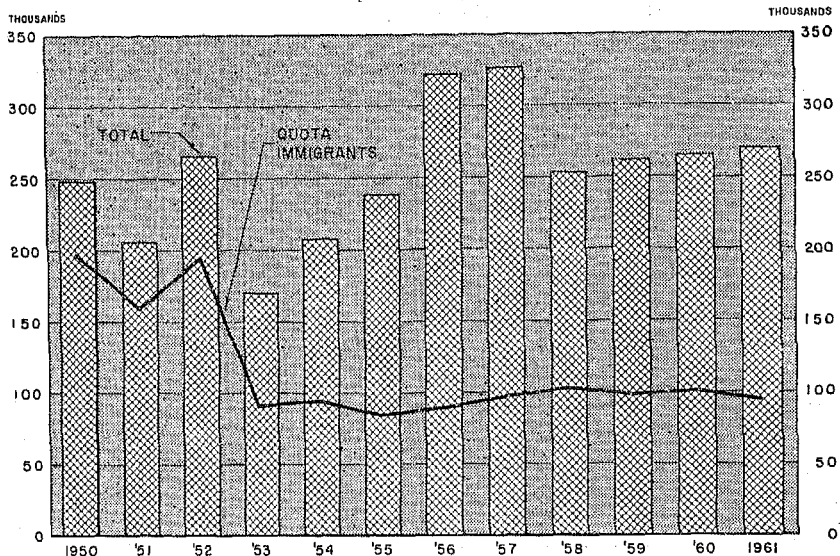
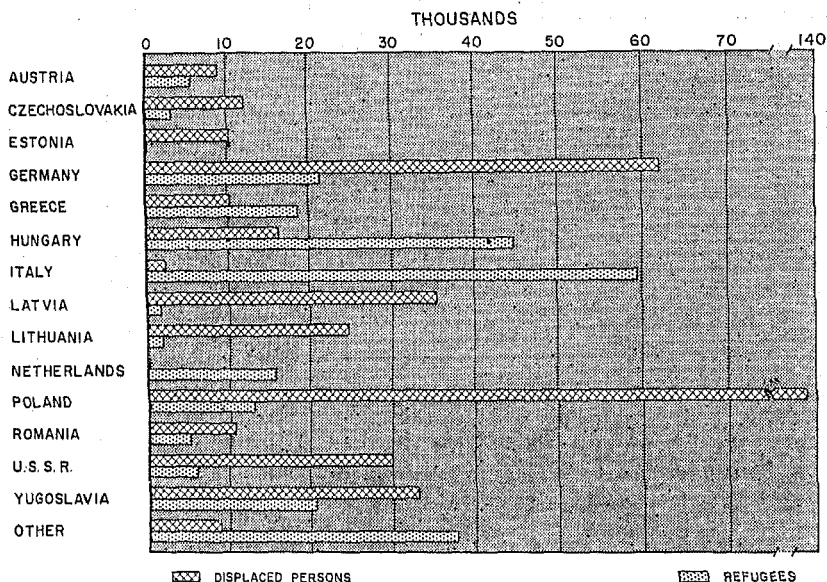


FIG. VII. DISPLACED PERSONS ADMITTED, 1948-1955, AND REFUGEES ADMITTED, 1954-1961, BY COUNTRY OF BIRTH

[See table 123]



Source of figs. VI and VII: Charts prepared by Department of Commerce, Bureau of the Census. Data are from Department of Justice, Immigration and Naturalization Service.

## No. 118. IMMIGRATION: 1820 TO 1961

[For years ending June 30, except as noted. Includes Alaska and Hawaii. For 1810 to 1867, figures represent alien passengers arriving; for 1808 to 1891, and 1895 to 1897, immigrant arrivals; for 1892 to 1894 and for 1898 to the present time, immigrants admitted. See also *Historical Statistics, Colonial Times to 1957*, series C 88]

PERIOD	Number	PERIOD	Number	YEAR	Number
1820-1961, total.....	42, 112, 305	1906-1910.....	4, 962, 310	1950.....	249, 187
1820-1830 <sup>1</sup> .....	151, 824	1911-1915.....	4, 459, 831	1951.....	205, 717
1831-1840 <sup>2</sup> .....	509, 125	1916-1920.....	1, 275, 980	1952.....	265, 520
1841-1850 <sup>3</sup> .....	1, 713, 251	1921-1925.....	2, 638, 913	1953.....	170, 434
1851-1860 <sup>3</sup> .....	2, 598, 214	1926-1930.....	1, 468, 266	1954.....	208, 177
1861-1870 <sup>4</sup> .....	2, 314, 824	1931-1935.....	220, 209	1955.....	287, 700
1871-1880.....	2, 812, 191	1936-1940.....	308, 222	1956.....	321, 625
1881-1890.....	5, 246, 613	1941-1945.....	170, 952	1957.....	326, 867
1891-1900.....	3, 687, 564	1946-1950.....	864, 087	1958.....	253, 265
1901-1905.....	3, 833, 076	1951-1955.....	1, 087, 638	1959.....	260, 686
		1956-1960.....	1, 427, 841	1960.....	266, 398
				1961.....	271, 844

<sup>1</sup> Oct. 1, 1810, to Sept. 30, 1830.

<sup>2</sup> Oct. 1, 1830, to Dec. 31, 1840.

<sup>3</sup> Calendar years.

<sup>4</sup> Jan. 1, 1861, to June 30, 1870.

Source: Department of Justice, Immigration and Naturalization Service; *Annual Report*, releases, and records.

## No. 119. ANNUAL QUOTAS ALLOTTED AND QUOTA IMMIGRANTS, BY QUOTA AREA: 1936 TO 1961

[For years ending June 30. See text, p. 93]

QUOTA AREA	Annual quota, 1961 <sup>1</sup>	QUOTA IMMIGRANTS						
		1936-1940, total	1941-1945, total	1946-1950, total	1951-1955, total	1956-1960, total	1960	1961
All quota areas.....	156, 487	203, 330	80, 879	502, 828	611, 299	487, 671	101, 373	96, 104
Europe.....	149, 597	199, 792	78, 202	494, 713	598, 860	471, 412	97, 850	92, 795
Austria <sup>2</sup> .....	1, 405	978		11, 460	6, 470	6, 889	1, 310	1, 330
Belgium.....	1, 297	1, 435	2, 001	5, 252	5, 700	5, 801	1, 069	1, 182
Bulgaria.....	100	423	153	430	752	386	100	82
Czechoslovakia.....	2, 859	9, 833	3, 316	13, 771	15, 023	10, 148	2, 541	2, 236
Denmark.....	1, 175	1, 188	701	4, 738	5, 646	5, 828	1, 109	1, 066
Estonia.....	115	309	151	7, 444	4, 031	512	100	110
Finland.....	566	1, 526	628	2, 248	2, 628	2, 808	554	554
France.....	3, 069	3, 438	3, 850	13, 037	14, 766	14, 687	2, 908	2, 802
Germany <sup>2</sup> .....	25, 814	93, 910	21, 723	78, 855	122, 747	125, 629	25, 850	24, 273
Greece.....	308	1, 795	1, 237	1, 348	10, 209	1, 567	344	321
Hungary.....	865	4, 735	1, 360	7, 818	14, 314	3, 535	805	844
Iceland.....	100	25	98	376	482	587	112	105
Ireland (Eire).....	17, 756	4, 298	1, 043	24, 950	23, 258	40, 210	7, 479	6, 273
Italy.....	5, 666	16, 943	1, 244	23, 003	26, 636	27, 824	5, 609	6, 648
Latvia.....	235	735	443	21, 714	10, 885	975	217	234
Lithuania.....	384	1, 428	646	10, 326	8, 666	1, 501	330	383
Luxembourg.....	100	81	218	335	391	353	78	62
Netherlands.....	3, 136	2, 816	2, 043	12, 458	15, 265	15, 393	3, 635	2, 969
Norway.....	2, 364	1, 960	926	9, 170	11, 345	11, 562	2, 345	2, 208
Poland.....	6, 458	18, 180	10, 602	88, 957	101, 367	24, 438	6, 057	6, 891
Portugal.....	438	1, 650	1, 523	2, 080	2, 067	2, 218	427	425
Romania.....	289	2, 028	1, 233	3, 844	7, 967	1, 303	314	297
Spain.....	250	1, 236	1, 118	881	1, 655	1, 145	236	204
Sweden.....	3, 295	1, 550	627	7, 692	7, 918	10, 796	2, 307	1, 656
Switzerland.....	1, 698	2, 150	1, 213	5, 609	7, 718	8, 340	1, 717	1, 510
Turkey.....	225	1, 030	723	1, 370	1, 212	953	211	220
United Kingdom.....	65, 361	14, 551	14, 885	96, 430	109, 315	130, 635	27, 034	25, 100
U.S.S.R.....	2, 607	5, 362	3, 531	19, 545	34, 384	9, 899	2, 422	2, 536
Yugoslavia.....	942	3, 171	779	8, 486	26, 705	3, 886	901	932
Other Europe.....	600	1, 001	127	1, 177	2, 265	1, 514	230	252
Asia <sup>3</sup> .....	3, 090	2, 249	1, 582	5, 133	9, 925	10, 630	2, 359	2, 014
Africa.....	3, 200	355	440	1, 516	1, 535	3, 585	746	857
Oceania <sup>3</sup> .....	600	934	655	1, 406	970	2, 044	418	438

<sup>1</sup> See table 117 for quotas, by country, under successive immigration laws.

<sup>2</sup> For 1938 to 1945, Austrian quota included with Germany.

<sup>3</sup> Philippines included in Asia beginning 1952; previously included in Oceania.

Source: Department of Justice, Immigration and Naturalization Service; *Annual Report*, and releases.

# No. 120. IMMIGRANTS, BY COUNTRY OF LAST PERMANENT RESIDENCE: 1820 TO 1961

[For years ending June 30. Includes Alaska and Hawaii. Data prior to 1906 refer to country whence aliens came; thereafter, country of last permanent residence. 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 1957*, series C 88-114]

COUNTRY	Total 142 yrs., 1820-1961	1931- 1940, total	1941- 1950, total	1951- 1956, total	1957	1958	1959	1960	1961
<b>All countries</b> .....	42, 112, 305	523, 431	1, 035, 029	1, 409, 263	328, 867	253, 265	260, 686	265, 398	271, 344
<b>Europe</b> .....	34, 683, 164	348, 289	621, 704	785, 101	169, 625	115, 198	138, 191	120, 178	108, 532
Belgium.....	193, 100	4, 817	12, 180	12, 542	2, 211	1, 231	1, 472	1, 119	1, 131
Bulgaria <sup>1</sup> .....	66, 309	938	375	52	16	6	10	20	34
Czechoslovakia.....	129, 490	14, 393	8, 347	348	89	98	148	240	212
Denmark.....	252, 304	2, 559	5, 393	6, 323	1, 199	1, 126	1, 209	1, 100	902
Estonia <sup>2</sup> .....	940	506	212	99	27	15	18	26	43
Finland.....	27, 495	2, 146	2, 503	2, 871	498	520	528	508	474
France.....	689, 331	12, 623	38, 809	28, 163	6, 017	5, 136	6, 367	5, 438	4, 463
Germany.....	6, 752, 109	114, 058	226, 578	326, 423	60, 353	20, 408	32, 639	29, 452	25, 815
Austria.....	4, 277, 358	3, 553	24, 860	49, 861	8, 171	1, 666	5, 189	2, 219	1, 114
Hungary.....		7, 861	3, 469	443	3, 383	542	24, 103	5, 186	397
Great Britain.....	8, 803, 284	29, 378	131, 592	105, 155	24, 020	24, 147	18, 325	19, 967	18, 719
England.....	2, 924, 550	21, 766	112, 252	85, 591	19, 279	19, 780	15, 468	16, 055	14, 936
Scotland.....	785, 346	6, 837	16, 131	18, 045	4, 425	4, 090	2, 631	3, 662	3, 587
Wales.....	92, 388	735	3, 209	1, 518	316	277	231	247	196
Greece.....	490, 313	9, 119	8, 973	31, 303	5, 326	2, 733	4, 612	3, 034	3, 124
Iceland.....	2, 422	27	743	831	180	133	169	172	167
Ireland <sup>3</sup> .....	4, 082, 145	13, 167	26, 967	26, 468	8, 227	9, 134	6, 596	6, 918	5, 738
Italy.....	4, 031, 331	63, 028	57, 661	112, 579	19, 624	23, 115	16, 804	13, 369	18, 656
Latvia <sup>2</sup> .....	1, 989	1, 192	361	161	61	27	40	64	84
Lithuania <sup>2</sup> .....	3, 261	2, 201	683	85	22	14	44	77	125
Luxembourg <sup>2</sup> .....	2, 111	563	820	395	76	75	67	71	42
Netherlands.....	325, 258	7, 160	14, 860	21, 285	14, 958	3, 102	4, 278	8, 654	7, 362
Norway.....	840, 091	4, 740	10, 100	13, 607	2, 337	2, 268	2, 332	2, 391	2, 204
Poland <sup>4</sup> .....	433, 585	17, 026	7, 571	928	571	1, 470	2, 800	4, 216	6, 254
Portugal.....	286, 887	3, 329	7, 423	7, 178	1, 457	1, 556	2, 631	6, 769	3, 832
Romania.....	159, 236	3, 871	1, 076	270	162	114	217	280	176
Spain.....	182, 662	3, 288	2, 898	3, 657	748	509	1, 193	1, 397	1, 737
Sweden.....	1, 261, 480	3, 960	10, 666	11, 998	2, 563	2, 346	2, 330	2, 462	1, 676
Switzerland.....	825, 599	5, 512	10, 647	10, 023	1, 847	1, 820	2, 033	1, 962	1, 697
Turkey in Europe.....	159, 516	737	680	750	390	553	499	461	410
U. S. S. R.....	3, 544, 749	1, 356	548	137	05	65	136	181	270
Yugoslavia.....	67, 776	5, 855	1, 576	3, 419	858	1, 202	1, 298	1, 448	1, 188
Other Europe.....	546, 004	4, 374	3, 825	7, 758	1, 282	587	639	360	262
<b>Asia<sup>5</sup></b> .....	1, 117, 267	15, 344	31, 780	59, 712	20, 008	20, 870	25, 259	21, 604	19, 495
China.....	409, 449	4, 928	16, 709	3, 334	2, 068	1, 143	1, 702	1, 380	903
Japan.....	329, 886	1, 948	1, 555	20, 027	6, 829	6, 547	6, 248	5, 699	4, 490
Turkey in Asia.....	206, 743	328	218	163	77	197	225	200	209
Other Asia <sup>5</sup> .....	171, 199	8, 140	13, 258	35, 368	11, 004	12, 983	17, 080	14, 325	13, 809
<b>America</b> .....	5, 892, 794	160, 037	354, 804	537, 066	134, 160	113, 132	93, 061	119, 525	139, 580
Canada and New foundland.....	3, 602, 868	108, 527	171, 718	205, 158	46, 354	45, 143	34, 699	46, 668	47, 470
Mexico.....	1, 180, 131	22, 310	69, 539	168, 082	49, 321	20, 791	22, 099	32, 708	41, 476
Central America.....	122, 842	5, 861	21, 635	19, 547	5, 731	0, 718	6, 030	6, 719	7, 272
South America.....	253, 856	7, 803	21, 631	37, 114	10, 851	14, 304	12, 865	16, 494	10, 095
West Indies.....	640, 307	15, 502	49, 725	62, 05	18, 392	10, 983	12, 109	13, 636	20, 520
Other America.....	92, 790	25	29, 276	45, 134	3, 541	3, 193	4, 543	3, 300	3, 747
<b>Africa</b> .....	40, 370	1, 750	7, 367	6, 537	1, 600	2, 008	1, 992	1, 925	1, 851
<b>Australia and New Zealand</b> .....	61, 399	2, 231	13, 805	4, 725	1, 228	1, 783	1, 878	1, 892	1, 550
Other Oceania <sup>6</sup> .....	21, 605	780	6, 437	3, 074	230	262	284	248	325
All other countries.....	206, 706	-----	142	12, 418	16	12	21	26	5

<sup>1</sup> Includes Serbia and Montenegro prior to 1920.

<sup>2</sup> Included with other countries prior to 1931.

<sup>3</sup> Includes Northern Ireland.

<sup>4</sup> From 1839 to 1919 Poland is included with Austria-Hungary, Germany, and Russia.

<sup>5</sup> Philippines included in "Other Asia" in 1952 (1,170), 1953 (1,074), 1954 (1,234), 1955 (1,508), 1956 (1,792), 1957 (1,874), 1958 (2,034), 1959 (2,503), 1960 (2,791), and 1961 (2,628); from 1934 to 1951 Philippines were included in other Oceania; prior to 1934 recorded separately as insular travel.

Source: Department of Justice, Immigration and Naturalization Service; *Annual Report*.

## No. 121. IMMIGRANTS, BY COUNTRY OF BIRTH: 1950 TO 1961

[For years ending June 30. Includes Alaska and Hawaii]

COUNTRY	1950	1955	1960	1961	COUNTRY	1950	1955	1960	1961
All countries.....	249,187	237,790	265,398	271,344	Europe—Continued				
Europe.....	206,547	127,492	139,670	127,749	United Kingdom:				
Austria.....	3,182	2,228	1,970	1,735	England.....	8,812	12,475	17,790	16,246
Belgium.....	1,108	1,117	1,066	1,123	Northern Ireland.....	1,249	1,074	1,280	1,101
Bulgaria.....	190	117	172	129	Scotland.....	2,983	3,824	6,067	4,085
Czechoslovakia.....	5,528	1,983	2,301	1,978	Wales.....	393	470	506	436
Denmark.....	1,234	1,321	1,495	1,320	U.S.S.R.....	10,971	1,694	2,472	2,352
Estonia.....	5,422	229	187	150	Yugoslavia.....	9,154	2,607	2,742	1,989
Finland.....	645	619	754	689	Other Europe.....	1,753	1,219	1,771	1,467
France.....	3,619	3,411	4,253	3,957	Asia.....	4,615	12,131	23,864	21,338
Germany.....	31,225	29,603	31,708	29,048	China <sup>1</sup> .....	1,494	2,705	3,681	3,213
Greece.....	1,242	6,311	3,797	3,392	India.....	163	332	391	421
Hungary.....	5,098	904	7,257	1,460	Japan.....	76	3,984	5,471	4,313
Ireland.....	6,501	5,975	7,087	6,641	Jordan <sup>2</sup> .....	226	411	636	658
Italy.....	9,839	31,925	14,938	20,652	Philippines.....	595	1,784	2,954	2,738
Latvia.....	17,494	425	353	305	Other Asia.....	2,071	2,915	10,831	9,995
Lithuania.....	11,870	384	482	548	North America.....	34,004	90,732	85,075	103,388
Netherlands.....	3,148	3,732	5,070	4,608	Canada.....	18,043	25,091	30,990	32,038
Norway.....	2,879	2,478	2,533	2,353	Mexico.....	6,841	50,772	32,694	41,632
Poland.....	52,851	4,667	7,949	9,281	West Indies.....	6,093	12,499	14,047	22,258
Portugal.....	1,075	1,366	6,908	3,960	Central America.....	2,151	3,683	6,061	6,817
Romania.....	3,599	988	993	813	Other North America.....	876	687	693	643
Spain.....	463	1,134	1,737	1,812	South America.....	2,777	5,599	13,048	15,470
Sweden.....	1,892	1,546	2,351	1,699	Africa.....	639	1,186	2,526	2,171
Switzerland.....	1,728	1,670	1,896	1,673	Australia and New Zealand.....	443	474	912	865
					Other countries.....	112	176	303	363

<sup>1</sup> Includes Taiwan.<sup>2</sup> Includes Arab Palestine.Source: Department of Justice, Immigration and Naturalization Service; *Annual Report*.

## No. 122. IMMIGRANTS, BY SEX, AGE, AND MAJOR OCCUPATION GROUP: 1941 TO 1961

[For years ending June 30. Includes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1967*, series C 115-125, and C 133-137]

SEX, AGE, OCCUPATION	1941-1950, total	1951-1956, total	1957	1958	1959	1960	1961
Total.....	1,035,039	1,409,263	326,867	253,265	260,686	265,398	271,344
Male.....	417,987	660,045	155,201	109,121	114,307	116,697	121,380
Female.....	617,052	749,218	171,666	144,144	146,319	148,711	140,964
Males per 1,000 females.....	677	881	904	757	782	785	869
Under 16 years.....	161,822	316,915	80,140	60,124	58,826	59,895	64,544
16 to 44 years <sup>1</sup> .....	682,958	890,973	207,664	162,240	165,366	170,084	170,881
45 years and over <sup>2</sup> .....	190,259	201,375	39,063	30,901	36,494	35,419	35,919
Illiterates, number <sup>3</sup> .....	9,517	9,101	676	420	594	671	576
Percent.....	0.9	0.6	0.2	0.2	0.2	0.3	0.2
Occupation:							
Professional, technical, and kindred workers.....	82,007	91,469	24,489	22,482	23,287	21,940	21,455
Farmers and farm managers.....	37,563	38,192	3,506	2,221	2,187	3,050	3,002
Managers, officials, and proprietors, except farm.....	39,403	32,710	6,127	4,646	4,688	5,309	5,363
Clerical, sales, and kindred workers.....	81,028	103,484	25,897	22,140	21,475	24,386	25,198
Craftsmen, foremen, and kindred workers.....	75,632	109,840	26,976	19,113	20,521	19,156	17,679
Operatives and kindred workers.....	61,935	104,810	19,362	12,405	16,031	14,979	13,288
Private household workers.....	35,430	59,015	11,457	7,521	7,465	8,173	8,811
Service workers, except private household.....	23,426	35,737	8,761	7,362	9,641	8,812	8,369
Farm laborers and foremen.....	7,299	28,957	4,585	2,511	2,720	3,914	4,799
Laborers, except farm and mine.....	24,837	75,205	21,826	11,100	11,937	12,838	15,694
No occupations <sup>4</sup> .....	665,879	729,844	173,881	141,764	140,725	142,841	147,056

<sup>1</sup> 1941-1944, 16 to 45 years.<sup>2</sup> 1941-1944, 46 years and over. Includes age unknown.<sup>3</sup> Immigrants over 16 years old who are unable to read and understand some language or dialect.<sup>4</sup> Includes operatives and kindred workers for 1941-1945.<sup>5</sup> Includes dependent women and children, other aliens without occupation, and aliens whose occupations were not stated.Source: Department of Justice, Immigration and Naturalization Service; *Annual Report*, releases, and records.

### No. 123. IMMIGRANTS—DISPLACED PERSONS ADMITTED, 1948-1955, AND REFUGEES ADMITTED, 1954-1961, BY COUNTRY OF BIRTH

[For years ending June 30. Includes Alaska and Hawaii. Comprises displaced persons admitted under Displaced Persons Act of 1948 as amended; refugees admitted under Refugee Relief Act of 1953, Act of July 29, 1953, Act of September 11, 1957, Act of September 2, 1958, and Act of September 22, 1959; and Hungarian parolees admitted under Act of July 25, 1958. See text, p. 84]

COUNTRY OF BIRTH	Displaced persons, 1948-1955 <sup>1</sup>	Refugees, 1954-1961	COUNTRY OF BIRTH	Displaced persons, 1948-1955 <sup>1</sup>	Refugees, 1954-1961
All countries.....	409,682	265,080	Europe—Continued		
Europe.....	405,230	227,275	United Kingdom:		
Austria.....	8,956	5,353	England.....	1,513	573
Belgium.....	951	469	Northern Ireland.....	28	3
Bulgaria.....	530	675	Scotland.....	196	34
Czechoslovakia.....	12,638	3,147	Wales.....	103	97
Denmark.....	62	38	U.S.S.R.....	35,747	6,020
Estonia.....	10,427	675	Yugoslavia.....	33,357	29,564
Finland.....	95	49	Other Europe.....	1,177	2,593
France.....	709	844	Asia.....	4,016	35,026
Germany.....	62,123	21,597	China.....	2,640	9,684
Greece.....	10,277	18,684	India.....	9	70
Hungary.....	16,627	44,582	Israel.....	24	729
Ireland.....	33	18	Japan.....	13	4,001
Italy.....	2,268	59,471	Palestine.....	123	771
Latvia.....	35,014	1,555	Philippines.....	22	296
Lithuania.....	24,698	1,775	Other Asia.....	1,185	19,385
Netherlands.....	64	16,081	North America.....	288	713
Norway.....	30	23	Canada.....	25	25
Poland.....	135,293	12,968	Mexico.....	4	6
Portugal.....	22	4,108	West Indies.....	2	208
Romania.....	10,618	5,126	Central America.....	4	3
Spain.....	37	256	Other North America.....	253	465
Sweden.....	347	86	South America.....	19	71
Switzerland.....	135	94	Africa.....	107	1,866
			Australia and New Zealand.....	10	52
			Other countries.....	22	77

<sup>1</sup> June 25, 1948, to June 30, 1955 (see text, p. 84). Includes German ethnics, their wives and children, and persons adjusting status under Sec. 4 of the Displaced Persons Act.

Source: Department of Justice, Immigration and Naturalization Service; *Annual Report*.

### No. 124. ALIENS ADMITTED AND DEPARTED: 1921 TO 1961

[For years ending June 30. Includes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series O 88, O 115, O 143, and C 145]

PERIOD OR YEAR	ADMITTED			Departed	Excess of admissions over departures <sup>1</sup>
	Total	Immigrant	Nonimmigrant		
1921-1925.....	3,421,811	2,638,013	782,898	1,414,236	2,007,575
1926-1930.....	2,460,279	1,468,296	991,983	1,280,542	1,179,737
1931-1935.....	949,903	229,209	729,694	1,188,597	-238,694
1936-1940.....	1,162,593	308,222	844,377	1,008,653	144,540
1941-1945.....	712,422	170,952	541,470	399,522	312,900
1946-1950.....	2,783,976	804,087	1,919,889	1,862,771	921,205
1951-1955.....	3,742,099	1,087,638	2,654,461	2,791,861	950,238
1956-1960.....	5,886,403	1,427,841	4,458,562	3,890,526	1,995,877
1950.....	676,024	240,187	426,837	455,689	219,336
1951.....	670,823	205,717	465,106	472,901	197,922
1952.....	781,602	265,520	516,082	503,497	272,105
1953.....	656,145	170,434	485,714	544,502	111,646
1954.....	774,790	238,177	536,613	599,161	175,629
1955.....	858,736	237,790	620,946	665,800	192,936
1956.....	1,007,894	321,625	686,269	715,200	292,694
1957.....	1,085,725	326,887	758,838	754,608	511,117
1958.....	1,101,029	253,205	847,764	710,428	390,601
1959.....	1,285,631	260,686	1,024,945	885,913	399,718
1960.....	1,406,134	265,398	1,140,736	1,604,377	401,757
1961.....	1,491,659	271,344	1,220,315	1,093,037	397,722

<sup>1</sup> Excess of departures indicated by a minus (-) sign.

<sup>2</sup> Excludes Canadian travel over land borders.

Source: Department of Justice, Immigration and Naturalization Service; *Annual Report*, releases, and records.

# **No. 125. ALIEN AGRICULTURAL LABORERS ADMITTED, BY COUNTRY OF LAST PERMANENT RESIDENCE: 1950 TO 1961**

[For years ending June 30. Mexican workers are employed as agricultural laborers only when the Secretary of Labor has certified that sufficient domestic employees are not available, that employment of alien workers will not adversely affect the wages and working conditions of domestic agricultural workers, and that reasonable efforts have been made to attract domestic workers for such employment. Admission of alien agricultural workers from countries other than Mexico is determined by the Attorney General after consultation with appropriate agencies of the Government, upon petition of the importing employer]

COUNTRY	1950	1955	1956	1957	1958	1959	1960	1961
<b>Total</b> -----	<b>122,676</b>	<b>351,191</b>	<b>431,985</b>	<b>466,713</b>	<b>433,704</b>	<b>464,128</b>	<b>447,207</b>	<b>312,991</b>
Mexico-----	116,052	337,995	416,833	450,422	418,885	447,535	427,240	294,140
Canada-----	1,503	7,573	7,216	7,015	7,381	6,892	7,804	8,543
British Guiana-----						99		105
British Honduras-----							107	
British West Indies-----	5,121	5,617	7,911	8,244	7,085	8,712	10,812	9,515
French West Indies-----			31	32	95	56	62	31
Japan-----				1,000	65	607	969	285
Philippines-----					27			
Spain (Basque shepherders)-----					106	227	213	363

<sup>1</sup> Includes 96, 239 illegal entrants contracted.

Source: Department of Justice, Immigration and Naturalization Service; *Annual Report*.

# **No. 126. ALIENS DEPORTED, REQUIRED TO DEPART, AND EXCLUDED: 1921 TO 1961**

[For years ending June 30. Includes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series C 152-155]

PERIOD	Deported	Excluded <sup>1</sup>	YEAR	ALIENS EXPELLED			Aliens excluded <sup>1</sup>	Indigent aliens returned at their request
				Total	Deported	Required to depart		
1921-1925-----	28,427	103,803	1951-----	686,713	13,544	673,169	3,784	101
1926-1930-----	63,730	85,604	1952-----	723,059	20,181	703,778	2,944	61
1931-1935-----	74,631	33,277	1953-----	905,236	19,845	885,391	3,637	54
1936-1940-----	42,455	34,040	1954-----	1,101,228	26,951	1,074,277	3,313	36
			1955-----	247,707	15,028	232,766	2,667	72
1941-1945-----	30,772	10,246	1956-----	88,188	7,297	80,891	1,700	100
1946-1950-----	80,077	20,023	1957-----	68,461	5,082	63,379	907	60
1951-1955-----	95,640	16,345	1958-----	67,742	7,142	60,600	733	133
1956-1960-----	34,328	4,240	1959-----	64,508	7,988	56,610	480	133
			1960-----	59,625	6,829	52,796	411	95
			1961-----	59,821	7,438	52,383	743	143

<sup>1</sup> For 1941-1953, represents all exclusions at seaports and exclusions of aliens seeking entry for 30 days or longer at land ports. For definition of aliens excluded, see headnote, table 127.

Source: Department of Justice, Immigration and Naturalization Service; *Annual Report*, releases, and records.

# **No. 127. ALIENS EXCLUDED, BY CAUSE: 1921 TO 1961**

[For years ending June 30. Includes Alaska and Hawaii. Comprises aliens excluded as the result of formal hearings, except as noted. Principal classes of aliens excluded by law are attempted illegal entries, criminals (including violators of narcotics laws), immoral persons, subversive or anarchistic persons, and mental or physical defectives]

PERIOD OR YEAR	Total	Subversive or anarchistic	Criminals	Immoral classes	Mental or physical defectives	Likely to become public charges	Stow-aways	Attempted entry without inspection or without proper documents	Other
1921-1930-----	189,307	9	2,082	1,281	11,044	37,175	8,447	94,684	35,185
1931-1940-----	63,217	5	1,261	253	1,530	12,619	2,126	47,858	2,665
1941-1960 <sup>1</sup> -----	30,263	60	1,134	80	1,021	1,072	3,182	22,441	1,273
1951-1960 <sup>1</sup> -----	20,585	1,098	1,735	361	953	149	376	14,667	1,253
1952 <sup>1</sup> -----	2,944	9	235	10	67	11	74	2,378	110
1953 <sup>1</sup> -----	3,637	48	266	27	130	15	47	2,937	167
1954-----	3,313	111	296	65	127	16	2	2,432	264
1955-----	2,667	89	206	124	113	9	15	1,832	279
1956-----	1,709	117	169	64	87	14	10	1,079	169
1957-----	907	302	91	30	40	2	14	348	80
1958-----	793	255	61	18	21	1	35	299	53
1959-----	480	102	19	7	18	1	34	276	23
1960-----	411	36	15	1	16	2	24	203	24
1961-----	743	21	21	8	7	1	29	634	27

<sup>1</sup> For 1941-1953 represents all exclusions at seaports and exclusions of aliens seeking entry for 30 days or longer at land ports.

Source: Department of Justice, Immigration and Naturalization Service; *Annual Report*.

# No. 128. ALIENS ADMITTED, BY CLASSES, UNDER THE IMMIGRATION LAWS: 1957 TO 1961

[For years ending June 30. Includes Alaska and Hawaii. Excludes border crossers, crewmen, Mexican agricultural laborers, insular travelers, returning residents and students, and others entering without documents. See also *Historical Statistics, Colonial Times to 1957*, series C 140-151]

CLASS	1957	1958	1959	1960	1961
Aliens admitted.....	1,085,725	1,101,029	1,285,631	1,406,134	1,491,659
Immigrants.....	326,867	253,265	260,686	265,398	271,344
Quota immigrants.....	97,178	102,153	97,667	101,373	96,104
First preference quota:					
Selected immigrants of special skill or ability.....	2,992	3,941	3,518	3,385	3,400
Their spouses and children.....	2,739	3,179	3,109	3,681	3,758
Second preference quota:					
Parents of U.S. citizens.....	3,677	2,608	3,406	3,451	3,381
Unmarried sons or daughters of U.S. citizens <sup>1</sup> .....				376	931
Third preference quota:					
Spouses of resident aliens.....	2,848	2,719	3,409	2,767	2,132
Unmarried sons or daughters of resident aliens <sup>2</sup> .....	3,783	2,668	4,134	3,225	3,265
Fourth preference quota:					
Brothers or sisters of U.S. citizens.....	1,715	2,903	2,162	1,956	2,340
Married sons or daughters of U.S. citizens <sup>3</sup> .....	1,443	2,029	1,275	425	244
Spouses and children of brothers, sisters, sons, or daughters of U.S. citizens <sup>4</sup> .....				1,044	2,572
Adopted sons or daughters of U.S. citizens <sup>5</sup> .....				55	62
Nonpreference quota.....	77,887	82,030	76,638	80,987	73,923
Displaced persons, Displaced Persons Act of 1948.....	94	76	6		
Foreign government officials adjusting status under Act of Sept. 11, 1957.....				21	30
Nonquota immigrants.....	220,689	151,112	163,029	164,025	175,240
Wives of U.S. citizens.....	21,794	23,517	22,620	21,621	20,012
Husbands of U.S. citizens.....	5,767	5,833	6,913	6,140	6,059
Children of U.S. citizens.....	4,798	5,970	6,869	6,454	6,480
Natives of Western Hemisphere countries, their spouses and children.....	113,488	88,575	68,196	91,701	112,836
Persons who had been U.S. citizens <sup>6</sup> .....	58	43	22	86	15
Ministers of religious denominations, their spouses and children.....	403	435	553	485	406
Employees of U.S. Government abroad, their spouses and children <sup>7</sup> .....	8	23	24	27	10
Refugees, Refugee Relief Act of 1953.....	82,444	1,012	198	43	9
Immigrants, Act of Sept. 11, 1957.....		24,467	24,834	6,612	3,982
Hungarian parolees, Act of July 25, 1958.....			26,424	5,067	122
Azores and Netherlands refugees, Act of Sept. 2, 1958.....			1,187	8,870	5,472
Immigrants, Secs. 4 and 6, Act of Sept. 22, 1959.....				10,314	13,255
Children born abroad to resident aliens or subsequent to issuance of visa.....	701	926	1,228	1,458	1,411
Aliens adjusting status under Sec. 249, Immigration and Nationality Act <sup>8</sup> .....			4,321	4,773	5,037
Other nonquota immigrants.....	228	311	635	424	134
Nonimmigrants.....	758,858	847,764	1,024,945	1,140,736	1,220,315
Foreign government officials.....	28,498	29,265	30,701	32,569	30,704
Temporary visitors for business.....	84,246	81,405	91,434	108,130	116,165
Temporary visitors for pleasure.....	453,514	514,599	597,982	671,075	742,307
Transit aliens.....	107,399	99,190	116,814	118,201	106,888
Treaty traders and investors.....	1,740	2,500	3,036	3,803	4,540
Students.....	30,760	34,848	35,683	35,415	35,072
Representatives to international organizations.....	6,466	6,781	7,007	7,398	9,983
Temporary workers and industrial trainees <sup>9</sup> .....	16,856	24,402	29,339	38,479	44,263
Representatives of foreign information media.....	960	1,027	1,198	1,808	1,940
Exchange visitors.....	17,849	20,340	24,293	25,233	24,346
Returning resident aliens <sup>7</sup> .....	10,617	32,747	85,915	97,895	103,931
NATO officials.....		638	1,043	633	755
Other nonimmigrants.....	13	13		7	3

<sup>1</sup> Prior to Act of Sept. 22, 1959, all sons or daughters of U.S. citizens over 21 years of age were classified as fourth preference quota. Adopted sons or daughters with petitions approved prior to Sept. 22, 1959, remained fourth preference.

<sup>2</sup> Prior to Act of Sept. 22, 1959, included only children under 21 of resident aliens. Adult sons or daughters of resident aliens were classified as nonpreference quota.

<sup>3</sup> Prior to Act of Sept. 22, 1959, classified as nonpreference quota.

<sup>4</sup> Under the Act of 1924, this class covers only women who had been U.S. citizens.

<sup>5</sup> New classes under the provisions of the Immigration and Nationality Act of 1952.

<sup>6</sup> Not reported prior to 1959.

<sup>7</sup> Returning resident aliens who have once been counted as immigrants are included with nonimmigrants.

Source: Department of Justice, Immigration and Naturalization Service; *Annual Report*.



**No. 129. RESIDENT ALIENS REPORTING UNDER ALIEN ADDRESS PROGRAM, BY SELECTED NATIONALITIES AND BY STATE OF RESIDENCE: 1951, 1960, AND 1961**

[All aliens in the U.S. on January 1 are required to report their addresses to the Department of Justice in January except foreign government officials and their dependents, representatives to international organizations, and Mexican agricultural workers]

NATIONALITY	1951 <sup>1</sup>	1960	1961	STATE OF RESIDENCE	1951 <sup>1</sup>	1960	1961
All nationalities.....	2,265,032	2,948,973	3,038,304	Total.....	2,265,032	2,948,973	3,038,304
Canada.....	217,397	295,289	338,242	California.....	326,158	567,484	617,733
China.....	33,003	47,895	45,883	Connecticut.....	71,223	75,208	76,860
Germany.....	118,003	263,462	267,562	Florida.....	26,011	83,577	117,619
Greece.....	35,069	40,228	47,232	Hawaii.....	66,181	51,316	50,101
Italy.....	220,062	267,477	248,773	Illinois.....	110,563	199,405	197,197
Mexico.....	324,104	509,517	520,884	Massachusetts.....	146,028	127,710	128,458
Poland.....	213,319	166,908	138,216	Michigan.....	128,816	141,719	144,466
United Kingdom.....	192,723	226,718	267,571	New Jersey.....	118,580	151,437	154,061
U.S.S.R.....	126,010	89,061	65,874	New York.....	545,990	553,703	563,700
All other.....	776,342	1,043,418	1,098,067	Ohio.....	77,351	108,892	109,299
				Pennsylvania.....	98,481	126,073	123,382
				Texas.....	165,927	237,514	253,579
				All other <sup>2</sup> .....	383,723	524,845	521,250

<sup>1</sup> Excludes approximately 100,000 alien address reports that were incomplete for 1951.

<sup>2</sup> Includes Alaska, and beginning 1960, Hawaii.

Source: Department of Justice, Immigration and Naturalization Service; *Annual Report*.

**No. 130. PASSPORTS ISSUED AND RENEWED, BY OBJECT OF TRAVEL, DESTINATION, AND MEANS OF TRAVEL: 1950 TO 1961**

[Passports are actual count; other data based on a sample and prorated to total passports. Data refer to number of passports issued, not travelers (except as noted). A single passport may cover more than one trip and more than one person]

ITEM	1950	1956	1957	1958	1959	1960	1961
New and renewed passports.....	299,065	559,066	585,994	676,898	732,038	853,087	857,961
<b>Object of travel:</b> <sup>1</sup>							
Government.....		84,647	97,230	100,313	121,765	115,910	100,251
Nongovernment.....		474,419	488,755	576,585	610,273	737,177	757,710
Personal reasons <sup>2</sup> .....	141,567	37,411	18,943	87,619	252,175	321,590	376,480
Pleasure <sup>3</sup> .....	108,486	365,866	367,518	400,481	291,103	350,897	297,600
Business <sup>4</sup> .....	27,364	40,102	72,201	53,646	31,190	24,540	45,990
Education.....	13,837	25,191	23,126	26,317	28,576	31,240	28,280
Religion.....	4,676	3,884	4,707	6,040	4,976	6,780	7,190
Health.....	1,069	1,884	1,686	1,922	1,666	1,460	1,400
Other.....	2,666	81	578	560	587	670	770
<b>First area destination:</b>							
Africa.....	4,827	7,214	6,728	7,008	8,405	8,440	9,900
Australia and Oceania.....	2,059	4,853	4,727	16,518	32,150	35,220	47,577
Europe.....	243,771	421,075	461,330	587,061	561,563	669,662	645,754
Far East.....	5,558	44,859	45,555	38,827	47,170	55,960	71,160
North, Central, and South America.....	33,003	46,339	45,750	60,344	59,795	58,935	57,050
Mid-East.....	10,447	12,633	12,135	15,628	22,535	24,070	25,690
Not stated.....		22,093	9,769	5,422	330	200	250
<b>Mode of travel—departure:</b>							
Ship.....	200,800	335,446	298,854	269,344	240,825	226,245	175,932
Air.....	96,565	223,620	287,140	407,554	491,213	626,842	682,029
Not stated.....	2,300						
<b>Sex:</b>							
Male.....	155,595	320,108	381,405	403,718	352,840	419,615	430,808
Female.....	144,070	238,846	204,589	273,180	379,198	433,472	427,153
<b>Citizenship:</b>							
Native.....	174,723	415,943	425,745	503,392	580,125	710,172	752,236
Naturalized.....	124,942	143,123	160,249	173,506	171,913	142,915	105,725

<sup>1</sup> Data not entirely comparable because of changes in classifications in 1956 and 1961 and revision of codes used to gather data in 1958.

<sup>2</sup> Includes "Personal business," "Join husband," "Accompany husband," "Business and pleasure," and "Visit family."

<sup>3</sup> Includes "Sightsee," "Vacation," "Visit," and "Tourist."

<sup>4</sup> Includes applicants formerly listed under "Employment" and "Commercial business."

<sup>5</sup> Includes applicants who listed "World tour."

<sup>6</sup> Figures cover all travelers included in passports issued or renewed.

Source: Department of State, Passport Office; annual report, *Summary of Passport Statistics*.

# NO. 131. PASSENGERS ARRIVING AND DEPARTING, AND ARRIVALS AT SELECTED PORTS: 1936 TO 1961

[For years ending June 30. Compiled from passenger manifests or lists; except as noted, excludes travelers between contiguous U.S. and its outlying areas, border crossers, crewmen, military personnel, and cruise travelers. Through 1955, citizen arrivals include citizens returning to the U.S. after residence in Canada or Mexico for a year or more and citizens returning from overseas and entering the U.S. via Canada]

PORT AND CLASS	1936- 1940, average	1941- 1945, average	1946- 1950, average	1951- 1955, average	1956- 1960, average	1959 <sup>1</sup>	1960 <sup>1</sup>	1961 <sup>1</sup>
<b>Arrivals</b> .....	537,528	232,304	936,044	1,539,955	2,562,907	2,865,567	3,111,530	3,360,606
United States citizens.....	345,100	136,820	507,821	938,305	1,568,093	1,804,435	1,920,582	2,043,416
Aliens.....	192,428	95,478	428,223	601,650	994,814	1,061,132	1,190,948	1,317,190
<b>Departures</b> .....	507,746	158,156	747,817	1,308,726	2,310,568	2,624,959	2,939,330	3,063,056
United States citizens.....	331,535	102,225	473,858	894,890	1,567,307	1,739,040	1,934,953	1,969,119
Aliens.....	176,211	55,931	273,959	413,836	743,261	885,913	1,004,377	1,093,937
Excess of arrivals over departures.....	29,782	74,148	188,227	231,229	252,339	240,608	172,200	297,550
<b>ARRIVALS AT SELECTED PORTS</b>								
Baltimore.....	1,324	10,843	17,310	2,841	3,906	4,194	4,023	6,216
United States citizens.....	1,053	8,827	12,185	1,785	2,433	2,636	2,371	4,202
Aliens.....	266	2,010	5,125	1,056	1,473	1,558	1,652	2,014
Boston.....	11,794	3,129	30,773	49,394	47,190	44,830	50,008	56,754
United States citizens.....	6,042	1,675	16,465	33,097	32,045	32,344	33,548	41,105
Aliens.....	4,852	1,454	14,308	16,297	15,145	12,486	16,460	15,649
Honolulu.....	8,881	1,977	6,543	43,809	102,605	103,512	64,379	64,574
United States citizens.....	5,294	1,139	4,600	25,314	57,547	56,052	38,693	38,251
Aliens.....	3,587	838	1,943	18,495	45,148	47,460	25,686	26,323
Key West.....	3,067	2,225	14,192	32,869	60,277	56,402	48,003	15,739
United States citizens.....	2,923	1,959	10,727	26,904	37,358	31,252	21,763	4,920
Aliens.....	1,034	266	3,465	5,965	22,419	25,150	26,240	10,819
Los Angeles and San Pedro.....	10,934	5,872	3,340	15,534	58,014	98,833	115,995	143,611
United States citizens.....	6,670	2,644	1,932	8,813	32,542	62,019	68,114	83,781
Aliens.....	4,264	3,228	1,367	6,721	25,472	36,814	47,881	59,830
Miami.....	72,284	82,487	224,151	322,846	478,167	493,044	544,062	550,041
United States citizens.....	55,362	60,282	140,418	206,025	298,744	312,279	331,258	309,097
Aliens.....	16,892	32,205	83,733	116,221	179,423	180,765	212,804	240,944
New Orleans.....	8,668	10,586	34,685	38,349	53,566	62,245	57,402	50,391
United States citizens.....	6,997	6,279	22,147	21,000	36,058	43,339	30,039	32,185
Aliens.....	1,671	4,307	12,538	16,749	17,508	18,906	18,363	18,206
New York.....	375,668	76,650	495,050	802,496	1,276,539	1,357,988	1,488,636	1,667,365
United States citizens.....	228,369	39,340	221,108	463,854	765,817	807,020	917,712	1,020,785
Aliens.....	147,299	37,310	263,942	338,642	510,722	520,968	570,924	646,578
Philadelphia.....	1,330	1,373	3,808	3,171	17,575	6,953	5,050	10,342
United States citizens.....	954	601	1,642	1,987	14,408	5,236	3,471	8,217
Aliens.....	376	772	2,166	1,184	3,167	1,717	1,579	2,125
Port Everglades.....	17	2,000	902	3,039	45,411	57,632	87,410	90,895
United States citizens.....	16	28	188	2,803	33,407	42,456	64,302	66,997
Aliens.....	1	1,972	714	234	12,004	15,176	23,108	23,898
San Francisco.....	14,550	11,574	36,790	33,625	53,916	71,013	120,003	135,736
United States citizens.....	8,311	7,472	20,050	21,652	30,825	39,480	69,866	79,442
Aliens.....	6,239	4,102	16,740	11,973	23,090	31,533	50,147	56,294
Seattle.....	4,122	1,352	7,044	21,857	17,762	22,569	8,999	5,912
United States citizens.....	2,211	452	6,763	17,678	10,479	12,471	4,914	3,312
Aliens.....	1,911	900	1,176	4,179	7,283	10,098	4,085	2,600
West Palm Beach.....	383	487	4,593	16,740	34,132	35,158	37,966	40,516
United States citizens.....	346	280	1,642	8,328	25,673	26,870	29,152	30,633
Aliens.....	37	207	2,951	8,412	8,459	8,288	8,814	9,883

<sup>1</sup> Includes cruise travelers. Excludes travelers between U.S. and its outlying areas.

Source: Department of Justice, Immigration and Naturalization Service; *Annual Report*, and releases.

**No. 132. PASSENGERS ARRIVING AND DEPARTING, BY COUNTRY, FLAG OF CARRIER, MODE OF TRAVEL, AND CITIZENSHIP: 1950 TO 1961**  
[For years ending June 30. See headnote, table 131]

COUNTRY, FLAG, ETC.	1950	1955	1957	1958	1959 <sup>1</sup>	1960 <sup>1</sup>	1961 <sup>1</sup>
<b>Passengers arriving-----</b>	<b>1,182,152</b>	<b>1,839,156</b>	<b>2,338,768</b>	<b>2,427,540</b>	<b>2,865,567</b>	<b>3,111,530</b>	<b>3,360,606</b>
<b>Country:</b>							
Europe-----	588,204	811,447	1,048,574	1,064,801	1,172,480	1,255,570	1,443,893
Asia <sup>2</sup> -----	50,077	135,473	147,625	161,004	174,550	197,353	222,628
Africa-----	5,192	11,090	10,940	12,776	12,222	14,197	18,983
Oceania <sup>2</sup> -----	18,640	34,046	50,853	57,223	50,815	55,100	63,066
Canada and Newfoundland-----	34,585	70,191	36,942	22,301	28,377	15,760	22,559
Greenland-----	108	1,060	2,274	2,620	3,656	7,267	6,226
Mexico-----	4,325	28,063	31,666	75,585	225,573	256,933	267,760
West Indies-----	362,829	577,357	801,568	793,990	806,732	846,933	800,912
Central America-----	50,766	64,740	81,278	88,034	92,379	93,416	98,643
South America-----	67,426	108,880	127,039	148,300	156,304	193,553	206,615
Cruise <sup>3</sup> -----					142,419	175,288	214,221
<b>Flag of carrier:</b>							
U. S.-----	740,754	1,046,832	1,250,128	1,291,032	1,430,685	1,471,536	1,469,439
Foreign-----	432,398	792,324	1,082,640	1,136,508	1,434,882	1,639,994	1,891,167
<b>Mode of travel:</b>							
By sea-----	601,543	661,610	682,670	634,644	746,873	753,065	751,140
By air-----	580,609	1,177,546	1,656,098	1,792,896	2,118,694	2,357,565	2,609,466
<b>Citizenship:</b>							
Aliens-----	530,209	671,503	973,693	958,278	1,061,132	1,190,948	1,317,190
Citizens-----	651,943	1,167,593	1,365,075	1,469,262	1,804,435	1,920,582	2,043,416
<b>Passengers departing-----</b>	<b>981,124</b>	<b>1,582,755</b>	<b>1,976,715</b>	<b>2,194,343</b>	<b>2,624,959</b>	<b>2,939,330</b>	<b>3,063,056</b>
<b>Country:</b>							
Europe-----	432,800	702,594	812,015	959,435	1,058,511	1,230,688	1,360,331
Asia <sup>2</sup> -----	46,202	86,274	125,807	126,037	141,357	169,303	194,714
Africa-----	6,011	13,501	12,042	12,997	12,537	12,707	11,864
Oceania <sup>2</sup> -----	19,462	24,776	41,578	51,806	43,886	47,464	56,670
Canada and Newfoundland-----	12,807	16,341	18,606	18,373	26,038	15,560	17,517
Greenland-----	176	3,327	1,668	1,768	4,292	7,386	5,470
Mexico-----	4,530	33,685	40,644	77,954	204,459	245,996	253,184
West Indies-----	352,195	546,142	728,086	733,717	757,525	804,842	676,919
Central America-----	38,466	53,776	71,763	74,154	81,459	84,038	90,481
South America-----	68,475	102,339	124,456	138,112	151,334	174,882	191,610
Cruise <sup>3</sup> -----					143,561	146,464	204,296
<b>Flag of carrier:</b>							
U. S.-----	577,358	900,034	1,052,910	1,116,684	1,277,986	1,378,018	1,302,825
Foreign-----	403,766	682,721	923,805	1,077,659	1,346,973	1,561,312	1,760,231
<b>Mode of travel:</b>							
By sea-----	467,105	554,491	580,017	584,006	679,089	720,470	718,211
By air-----	514,019	1,028,264	1,396,698	1,609,437	1,945,270	2,218,800	2,344,845
<b>Citizenship:</b>							
Aliens-----	329,529	488,042	574,008	710,428	885,913	1,004,377	1,093,937
Citizens-----	651,695	1,094,713	1,402,107	1,483,915	1,739,046	1,934,953	1,969,119

<sup>1</sup> Excludes travelers between U.S. and its outlying areas.

<sup>2</sup> Philippines included with Oceania for 1950, with Asia thereafter.

<sup>3</sup> Cruise travel not reported prior to 1959.

Source: Department of Justice, Immigration and Naturalization Service; *Annual Report*, and releases.

**No. 133. ALIENS NATURALIZED, BY TYPE OF LEGAL QUALIFICATION OR PROVISION: 1945 TO 1961**

[For years ending June 30. Includes Alaska, Hawaii, and outlying areas of the U.S. See also *Historical Statistics, Colonial Times to 1897*, series C 159, for total naturalized]

NATURALIZATION PROVISION	1945	1950	1955	1957	1958	1959	1960	1961
<b>Total naturalized-----</b>	<b>231,402</b>	<b>66,346</b>	<b>209,526</b>	<b>138,043</b>	<b>119,866</b>	<b>103,931</b>	<b>119,442</b>	<b>132,450</b>
<b>Under general naturalization provisions-----</b>	<b>137,729</b>	<b>10,403</b>	<b>173,954</b>	<b>114,827</b>	<b>94,380</b>	<b>77,230</b>	<b>91,548</b>	<b>104,341</b>
Married to U.S. citizens-----	69,526	40,684	20,480	18,212	19,353	10,512	19,799	18,674
Children of U.S. citizens-----	182	499	2,600	3,779	4,966	5,032	6,149	7,416
Filipinos <sup>1</sup> -----		1,843	22	6		26	88	116
Military-----	<sup>2</sup> 22,695	2,067	<sup>2</sup> 11,958	845	916	1,308	1,594	1,719
Other-----	1,270	1,850	532	374	251	223	264	184

<sup>1</sup> With U.S. residence beginning prior to May 1, 1934.

<sup>2</sup> Includes aliens in U.S. Armed Forces who were naturalized abroad.

Source: Department of Justice, Immigration and Naturalization Service; *Annual Report*.

# No. 134. ALIENS NATURALIZED, BY MILITARY OR CIVILIAN STATUS, AND PETITIONS FILED AND DENIED: 1907 TO 1961

[For years ending June 30. No national data compiled prior to fiscal year 1907. Includes Alaska, Hawaii, and outlying areas of the U.S. See also *Historical Statistics, Colonial Times to 1957*, series C 158-159 and C 170]

PERIOD OR YEAR	Declarations filed <sup>1</sup>	Petitions filed <sup>2</sup>	Petitions denied	ALIENS NATURALIZED <sup>3</sup>		
				Total	Civilian	Military
Total, 1907-1961.....	8,551,747	8,374,077	443,270	7,841,783	7,328,163	513,620
1921-1925.....	1,575,809	862,715	106,878	769,790	755,407	44,383
1926-1930.....	1,133,205	1,021,562	58,615	973,305	961,572	11,823
1931-1935.....	535,266	637,608	21,508	626,072	619,049	7,023
1936-1940.....	534,213	999,446	24,109	892,392	879,524	12,868
1941-1945.....	635,146	1,520,053	45,852	1,539,072	1,427,441	112,531
1946-1950.....	285,139	418,013	17,082	447,056	409,788	37,268
1951-1955.....	246,471	459,078	13,513	466,779	532,941	29,838
1956-1960.....	77,347	632,405	14,056	627,167	615,800	11,367
1950.....	93,527	60,038	2,276	65,346	64,279	2,067
1953.....	23,558	98,128	2,300	92,051	92,476	1,575
1954.....	9,100	130,722	2,084	117,531	104,086	13,745
1955.....	10,855	213,508	4,571	209,526	197,568	11,958
1956.....	12,870	137,701	3,935	145,885	138,651	7,204
1957.....	15,011	140,547	2,943	138,043	137,198	845
1958.....	16,196	117,344	2,688	119,866	118,950	916
1959.....	16,115	109,270	2,238	103,931	102,623	1,308
1960.....	16,255	127,543	2,277	119,442	117,848	1,604
1961.....	15,921	138,718	3,175	132,450	130,731	1,710

<sup>1</sup> Declaration of intention to become citizen.    <sup>2</sup> Petition for naturalization.

<sup>3</sup> Certificates of naturalization issued.

<sup>4</sup> Includes aliens serving in U. S. Armed Forces who were naturalized abroad.

Source: Department of Justice, Immigration and Naturalization Service; *Annual Report*, and releases.

## No. 135. ALIENS NATURALIZED, BY AGE AND SEX: 1950 TO 1961

[For years ending June 30. Includes Alaska, Hawaii, and outlying areas of the U.S. See also *Historical Statistics, Colonial Times to 1957*, series C 159-161]

AGE AND SEX	1950	1955	1957	1958	AGE AND SEX	1959	1960	1961
Total.....	66,346	209,526	138,043	119,866	Total.....	103,931	119,442	132,450
Under 21 years.....	1,033	7,899	9,210	10,448	Under 20 years.....	8,305	9,243	10,724
21 to 25 years.....	7,742	17,635	10,646	10,747	20 to 29 years.....	21,428	23,956	20,766
26 to 35 years.....	13,925	55,607	41,804	35,842	30 to 39 years.....	30,854	32,826	34,925
36 to 45 years.....	14,679	40,375	29,516	25,142	40 to 49 years.....	17,678	19,332	21,284
46 to 55 years.....	15,176	40,002	23,254	18,885	50 to 59 years.....	13,089	16,025	17,505
56 to 65 years.....	10,071	31,846	16,379	13,013	60 to 69 years.....	8,709	11,081	14,805
66 and over.....	3,750	16,072	7,083	5,719	70 and over.....	3,122	5,367	6,399
Not reported.....			91	70	Not reported.....	56	712	42
Male.....	25,745	85,850	60,289	51,350	Male.....	43,719	50,896	58,795
Under 21 years.....	371	4,252	4,675	5,225	Under 20 years.....	4,299	4,803	5,450
21 to 25 years.....	1,732	9,546	3,513	3,431	20 to 29 years.....	6,958	8,747	10,679
26 to 35 years.....	4,401	23,288	16,004	13,317	30 to 39 years.....	12,620	13,418	15,006
36 to 45 years.....	6,399	19,958	14,807	12,306	40 to 49 years.....	8,570	9,500	10,695
46 to 55 years.....	6,485	17,512	10,820	8,717	50 to 59 years.....	5,925	7,008	8,022
56 to 65 years.....	4,523	13,079	6,867	5,445	60 to 69 years.....	3,696	4,519	5,935
66 and over.....	1,834	8,221	3,562	2,873	70 and over.....	1,619	2,569	2,985
Not reported.....			46	36	Not reported.....	20	323	17
Female.....	40,601	113,676	77,754	68,516	Female.....	60,212	68,546	73,655
Under 21 years.....	632	3,587	4,540	5,223	Under 20 years.....	4,095	4,440	5,268
21 to 25 years.....	6,010	8,095	7,133	7,316	20 to 29 years.....	14,470	15,209	16,087
26 to 35 years.....	9,524	32,409	25,860	22,525	30 to 39 years.....	18,228	19,408	19,829
36 to 45 years.....	8,280	20,417	14,709	12,836	40 to 49 years.....	9,102	9,823	10,080
46 to 55 years.....	8,691	22,550	12,434	10,108	50 to 59 years.....	7,764	9,017	9,473
56 to 65 years.....	5,543	18,707	9,512	7,598	60 to 69 years.....	5,013	7,462	8,870
66 and over.....	1,613	7,851	3,621	2,846	70 and over.....	1,503	2,798	3,414
Not reported.....			46	34	Not reported.....	35	380	25

Source: Department of Justice, Immigration and Naturalization Service; *Annual Report*, and releases.

# **No. 136. ALIENS NATURALIZED, BY STATES AND OTHER AREAS OF RESIDENCE:** 1950 TO 1961

[For years ending June 30]

STATE OF RESIDENCE	1950	1955	1960	1961	STATE OF RESIDENCE	1950	1955	1960	1961
<b>Total</b> .....	<b>66,346</b>	<b>209,526</b>	<b>119,442</b>	<b>132,450</b>	Montana.....	166	348	489	241
Alabama.....	140	574	317	397	Nebraska.....	150	521	540	504
Alaska.....	95	370	179	317	Nevada.....	68	255	237	263
Arizona.....	341	621	790	919	New Hampshire.....	318	722	490	346
Arkansas.....	44	176	118	123	New Jersey.....	3,742	14,161	7,415	8,761
California.....	9,488	36,358	17,006	20,884	New Mexico.....	125	353	332	525
Colorado.....	353	1,086	1,027	1,361	New York.....	20,499	61,677	28,363	31,467
Connecticut.....	1,753	6,294	4,398	2,743	North Carolina.....	188	661	326	404
Delaware.....	90	334	243	242	North Dakota.....	93	236	113	154
Dist. of Columbia.....	466	1,152	581	758	Ohio.....	2,254	7,156	4,335	5,514
Florida.....	957	3,028	3,209	2,944	Oklahoma.....	160	281	364	468
Georgia.....	200	696	719	818	Oregon.....	451	1,527	651	911
Hawaii.....	1,087	2,741	2,377	1,668	Pennsylvania.....	2,443	8,767	4,867	5,251
Idaho.....	85	291	266	252	Rhode Island.....	521	1,467	590	877
Illinois.....	3,367	10,394	8,223	10,478	South Carolina.....	93	262	267	323
Indiana.....	577	1,930	1,472	1,612	South Dakota.....	89	191	84	169
Iowa.....	329	827	695	426	Tennessee.....	106	448	243	341
Kansas.....	198	714	594	785	Texas.....	1,353	5,075	4,395	5,326
Kentucky.....	198	505	558	364	Utah.....	125	973	646	643
Louisiana.....	245	713	422	563	Vermont.....	232	542	349	204
Maine.....	475	902	398	618	Virginia.....	413	1,133	1,239	936
Maryland.....	489	2,260	1,688	1,481	Washington.....	1,176	2,855	2,311	1,710
Massachusetts.....	4,861	11,692	5,146	6,364	West Virginia.....	175	493	282	269
Michigan.....	3,475	9,146	5,854	5,371	Wisconsin.....	623	2,182	2,041	2,014
Minnesota.....	567	1,811	660	1,197	Wyoming.....	69	66	87	125
Mississippi.....	60	198	146	208	Puerto Rico.....	55	168	155	285
Missouri.....	502	1,831	861	1,183	Virgin Islands.....	62	104	45	120
					All other.....	144	416	235	223

Source: Department of Justice, Immigration and Naturalization Service; *Annual Report*, and releases.

# **No. 137. ALIENS NATURALIZED, BY COUNTRY OF FORMER ALLEGIANCE: 1958 TO 1961**

[For years ending June 30. Includes Alaska, Hawaii, and outlying areas of the U.S. See also *Historical Statistics, Colonial Times to 1957*, series C 159 and C 162-169]

COUNTRY	1958	1959	1960	1961	COUNTRY	1958	1959	1960	1961
<b>All countries</b> .....	<b>119,866</b>	<b>103,931</b>	<b>119,442</b>	<b>132,450</b>	<b>Europe—Continued</b>				
<b>Europe</b> .....	<b>91,595</b>	<b>74,613</b>	<b>85,116</b>	<b>93,122</b>	Romania.....	1,354	682	624	752
Albania.....	120	87	147	236	Spain.....	634	533	805	862
Austria.....	1,868	1,510	1,602	1,660	Sweden.....	757	681	754	682
Belgium.....	594	528	545	541	Switzerland.....	784	768	799	867
British Empire <sup>1</sup> .....	12,428	10,990	11,303	10,544	Turkey.....	316	312	355	470
Bulgaria.....	134	82	71	87	U.S.S.R.....	4,582	3,205	3,372	3,850
Czechoslovakia.....	2,271	1,474	1,522	1,499	Yugoslavia.....	4,154	2,121	2,211	2,810
Denmark.....	768	629	683	664	Other Europe <sup>2</sup> .....	90	70	65	92
Estonia.....	739	523	414	422	<b>Asia</b> .....	<b>7,496</b>	<b>8,313</b>	<b>11,071</b>	<b>12,308</b>
Finland.....	397	405	602	555	China <sup>3</sup> .....	1,542	1,395	1,968	2,683
France.....	2,130	1,920	1,979	1,854	Israel.....	616	940	1,145	1,143
Germany.....	20,486	18,442	19,003	18,738	Japan.....	2,736	3,094	4,180	3,790
Greece.....	3,370	2,457	3,413	6,140	Lebanon.....	263	283	269	323
Hungary.....	2,541	1,444	1,437	1,546	Philippines.....	1,431	1,606	2,085	2,329
Iceland.....	77	66	75	60	Syria.....	129	(4)	(4)	(4)
Ireland.....	3,250	3,163	3,073	3,754	Other Asia <sup>4</sup> .....	779	1,089	1,415	2,040
Italy.....	8,462	8,079	14,560	18,365	<b>North America</b> .....	<b>17,757</b>	<b>18,035</b>	<b>19,503</b>	<b>22,820</b>
Latvia.....	2,511	1,634	1,562	1,485	Canada.....	10,211	10,324	10,215	10,033
Lithuania.....	1,487	1,132	1,164	1,287	Mexico.....	5,042	5,147	5,913	8,405
Luxembourg.....	78	78	62	63	West Indies.....	1,579	1,597	2,301	3,165
Netherlands.....	2,000	2,078	2,134	2,134	Central America <sup>5</sup> .....	925	967	1,074	1,217
Norway.....	1,117	941	971	1,005	<b>South America</b> <sup>6</sup> .....	<b>917</b>	<b>1,093</b>	<b>1,318</b>	<b>1,391</b>
Poland.....	11,038	7,603	8,021	8,605	Africa <sup>7</sup> .....	207	415	442	441
Portugal.....	1,049	976	1,258	1,493	Stateless and other.....	1,894	1,462	1,982	2,348

<sup>1</sup> Represents United Kingdom and British colonies and dependencies.

<sup>2</sup> Includes Andorra, Danzig, Liechtenstein, Monaco, and San Marino.

<sup>3</sup> Includes Taiwan.

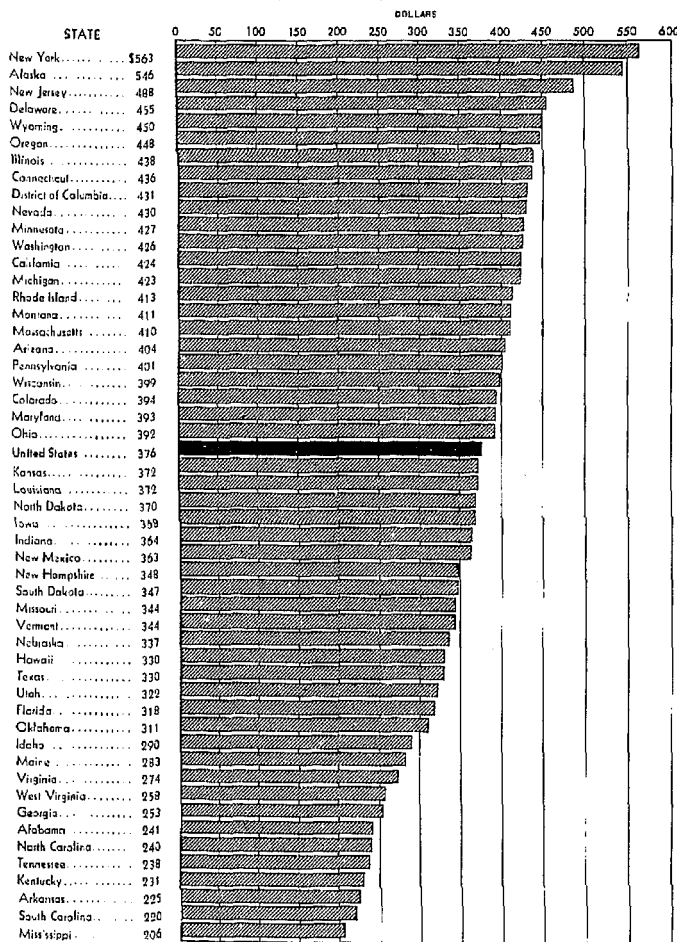
<sup>4</sup> Syria included in Africa as part of United Arab Republic.

<sup>5</sup> Independent countries.

Source: Department of Justice, Immigration and Naturalization Service; *Annual Report*, and releases.

FIG. VIII. CURRENT EXPENDITURE PER PUPIL IN AVERAGE DAILY ATTENDANCE FOR PUBLIC ELEMENTARY AND SECONDARY DAY SCHOOLS: 1960

[See table 141]



Source: Chart prepared by Department of Commerce, Bureau of the Census. Data are from Department of Health, Education, and Welfare, Office of Education.

## Section 4

### Education

This section presents data concerning the personnel, level, extent, and finances of formal education in the United States. The chief sources of these data are the decennial Census of Population and the Current Population Survey, both conducted by the Bureau of the Census (see text, p. 1), and the annual *Statistics of Education in the United States*, issued by the Office of Education. The Census of Population has included data on school enrollment since the Census of 1840 and on educational attainment since the Census of 1940. The Current Population Survey has reported on school enrollment annually beginning in 1945 and on educational attainment and illiteracy beginning in 1947. *Statistics of Education in the United States*, first published for the school year 1958-59, basically continues the former *Biennial Survey of Education in the United States*, published from 1916-18 through 1956-58 by the Office of Education. It includes data on pupils, staff, finances, and organization at elementary, secondary, and college level.

Other regular sources of education data include special studies of the Office of Education, publications of the National Education Association, and annual or biennial reports of education agencies in individual States. The Office of Education's biennial report, *Federal Funds for Education*, contains detailed data on Federal expenditures for education. Administrative statistics on programs concerned with the distribution of Federal funds are issued by the agencies responsible. The quinquennial Census of Governments provides data on school district finances. Reports published by the Bureau of Labor Statistics contain data relating employment experience to educational attainment. Special studies by the National Science Foundation present statistics on scientists and technicians. Similar studies by the National Institutes of Health cover medical fields. Data on vocational training are available in the *Digest of Annual Reports of State Boards for Vocational Education*, issued annually by the Office of Education.

**Types 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 interrogation of individuals to obtain information about their own and their families' education. Tabulations of this type of data relate to school enrollment and level of education attained, classified by age, sex, and other characteristics of the population.

The second type, exemplified by data from the Office of Education and the National Education Association, is based on reports obtained from administrators of educational institutions and of local and State agencies having jurisdiction over education. This type of data relates to school enrollment, attendance, staff, and finances for the United States, individual States, and local areas, according to institutional characteristics.

**State laws.**—Although all States except Mississippi and South Carolina require that children attend school, State laws vary as to the ages of compulsory attendance. In the majority of States, the laws require that formal schooling begin at age 7 and continue to age 16.

**Schools.**—The basic Office of Education statistics for elementary and secondary schools are concerned with the local school systems serving the general population. Data from other types of schools are secured from time to time. School enrollment

statistics of the Bureau of the Census are based on attendance or enrollment in any regular school within a given period; educational attainment statistics are based on the highest grade completed by an individual. "Regular" schools include public and private kindergartens, graded schools, colleges, universities, and professional schools. "Public" schools are defined as 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. Neither the Office of Education nor the Bureau of the Census regularly includes specialized vocational, trade, or business schools, residential schools for exceptional children, and correspondence schools. Office of Education enrollment data include kindergartens and nursery schools if they are publicly financed; Census enrollment data include all kindergartens but exclude nursery schools. At the higher education level, the basic Office of Education statistics and the Bureau of the Census enrollment statistics are concerned with institutions granting degrees or offering work acceptable for degree-credit, such as junior colleges. Statistics for certain other types of institutions beyond the high school, such as those offering organized occupational curriculums of nondegree character, are also collected by the Office of Education.

With respect to school levels, 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 the Office of Education according to organization, as elementary level and secondary level, may not be strictly comparable because the grades included at the secondary level vary, depending on the organization of junior high schools. The trend is for the enrollment in grades seven and eight to shift from an elementary to a secondary organization, with the result that grade distribution between elementary and secondary is changing over time.

**School year.**—Except as otherwise indicated in the tables, data relating to enrollment and staff refer to the school year which generally begins in September of the preceding year and ends in June of the year stated. Statistics concerning school finances are for a 12-month period, usually July 1 to June 30.

**Alaska and Hawaii.**—For a general statement concerning the treatment of data for Alaska and Hawaii, see preface.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics, Colonial Times to 1957*, series H 383-394") provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.



## No. 138. NUMBER OF PUBLIC AND PRIVATE SCHOOLS, BY LEVEL: 1930 TO 1960

[Beginning 1958, includes Alaska and Hawaii]

TYPE OF SCHOOL	1930	1940	1950	1956	1958	1960
<b>Elementary</b> <sup>1</sup> .....	247,581	194,418	138,600	116,799	111,480	105,023
Public.....	238,306	<sup>2</sup> 183,112	128,225	104,427	98,310	91,853
One-teacher.....	149,282	<sup>2</sup> 107,692	59,652	34,984	26,227	20,213
Nonpublic <sup>3</sup> .....	9,275	11,306	10,375	12,372	13,170	<sup>4</sup> 13,170
<b>Secondary</b> <sup>4</sup> .....	27,188	28,691	27,873	29,847	29,632	29,810
Public.....	23,930	<sup>2</sup> 25,123	24,542	25,460	25,606	25,784
Nonpublic <sup>3</sup> .....	3,258	3,568	3,331	3,387	4,026	<sup>4</sup> 4,026
<b>Institutions of higher education</b> <sup>5</sup> .....	1,409	1,708	1,851	1,850	1,934	2,008
Public.....	519	603	641	650	668	701
Private.....	890	1,105	1,210	1,200	1,266	1,307

<sup>1</sup>Excludes kindergartens. <sup>2</sup>1942 data. <sup>3</sup>Partially estimated. <sup>4</sup>1958 data.<sup>5</sup>Regular 4-year, junior, senior, and junior-senior high schools.<sup>6</sup>Universities, colleges, professional schools, teachers colleges, and junior colleges. Includes U.S. service academies.

Source: Department of Health, Education, and Welfare, Office of Education.

## No. 139. SCHOOL ENROLLMENT AND EXPENDITURE, BY TYPE OF SCHOOL: 1930 TO 1958

[Excludes Alaska and Hawaii]

ITEM	1930	1940	1950	1956	1958
<b>ENROLLMENT</b>					
<b>Total</b> <sup>1</sup> .....	29,652,377	29,751,203	31,319,271	39,103,059	42,279,493
<b>Kindergarten</b> .....	786,463	660,909	1,175,312	1,838,202	2,135,917
Public <sup>2</sup> .....	723,443	594,477	1,034,203	1,564,396	1,771,753
Nonpublic <sup>2</sup> .....	54,456	57,341	<sup>3</sup> 133,000	<sup>3</sup> 263,000	<sup>3</sup> 353,000
Subcollegiate departments of institutions of higher education.....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	<sup>4</sup> 4,869	5,801
Residential schools for exceptional children <sup>5</sup> .....	<sup>7</sup> 5,164	5,777	<sup>8</sup> 4,450	( <sup>4</sup> )	( <sup>4</sup> )
Federal schools for Indians.....	3,400	3,144	3,650	4,939	3,904
Federal schools on Federal installations.....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	998	1,459
<b>Grades 1 to 8</b> .....	22,953,377	20,466,112	21,031,929	26,493,882	27,991,073
Public <sup>2</sup> .....	20,555,150	18,237,451	18,352,603	22,725,861	23,897,007
Nonpublic <sup>2</sup> .....	2,256,430	2,095,938	2,674,777	3,623,360	3,943,806
Subcollegiate departments of institutions of higher education.....	( <sup>4</sup> )	59,547	35,682	<sup>4</sup> 47,532	50,425
Residential schools for exceptional children <sup>5</sup> .....	<sup>7</sup> 124,153	55,954	<sup>8</sup> 48,894	<sup>8</sup> 61,700	<sup>10</sup> 63,300
Federal schools for Indians.....	18,644	17,222	19,973	20,638	20,782
Federal schools on Federal installations.....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	14,791	15,663
<b>Grades 9 to 12 and postgraduate</b> .....	4,811,800	7,129,979	6,453,009	7,774,975	8,868,586
Public high schools <sup>2</sup> .....	4,399,422	6,601,444	5,724,621	6,872,580	7,859,771
Nonpublic high schools <sup>2</sup> .....	341,158	457,708	672,362	823,000	930,608
Subcollegiate departments of institutions of higher education.....	59,287	54,070	38,162	<sup>4</sup> 49,457	42,974
Residential schools for exceptional children <sup>5</sup> .....	<sup>7</sup> 4,388	9,727	<sup>8</sup> 9,784	18,400	<sup>10</sup> 23,200
Federal schools for Indians.....	7,646	6,970	8,080	11,108	11,890
Federal schools on Federal installations.....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	424	643
<b>Higher education</b> <sup>1</sup> .....	1,100,737	1,494,203	2,659,021	2,996,000	3,283,917
Publicly controlled.....	532,647	790,531	1,354,902	1,687,000	1,876,898
Privately controlled.....	568,090	697,672	1,304,119	1,309,000	1,407,019
<b>EXPENDITURE (\$1,000)</b> <sup>11</sup>					
<b>Elementary and secondary schools:</b>					
Public <sup>12</sup> .....	2,316,790	2,344,040	5,837,643	10,055,047	13,569,163
Nonpublic <sup>12</sup> .....	233,277	227,000	782,967	1,626,848	2,078,890
<b>Institutions of higher education:</b>					
Public <sup>12</sup> .....	288,009	<sup>13</sup> 332,592	<sup>13</sup> 1,174,125	<sup>13</sup> 1,986,498	<sup>13</sup> 2,656,013
Nonpublic <sup>12</sup> .....	343,340	<sup>13</sup> 273,163	<sup>13</sup> 940,150	<sup>13</sup> 1,460,374	<sup>13</sup> 1,844,420

<sup>1</sup>Excludes schools of nursing not affiliated with institutions of higher education.<sup>2</sup>Excludes subcollegiate departments of institutions of higher education, residential schools for exceptional children, and Federal schools.<sup>3</sup>Bureau of the Census, *Current Population Reports*, Series P-20.<sup>4</sup>Not available.<sup>5</sup>1954 data. <sup>6</sup>Schools for the blind, deaf, mentally deficient, epileptic, and delinquent.<sup>7</sup>1927 data. <sup>8</sup>1946 data. <sup>9</sup>Includes kindergarten. <sup>10</sup>Preliminary. <sup>11</sup>Includes capital outlay.<sup>12</sup>Expenditures for all departments, including preparatory.<sup>13</sup>Excludes expenditures for auxiliary enterprises and activities, scholarships, fellowships, prizes, and other noneducational current expenditures included in prior years, amounting to \$59,034,000 for public institutions and \$93,605,000 for private institutions for 1940; \$255,474,000 and \$283,743,000 for 1950; \$361,075,000 and \$372,019,000 for 1956; and \$467,125,000 and \$448,125,000 for 1958.Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapter on Statistical Summary of Education.

# No. 140. NUMBER OF PUBLIC AND PRIVATE SCHOOLS BY LEVEL, BY STATES AND FOR OTHER AREAS: 1958 AND 1960

[See also *Historical Statistics, Colonial Times to 1957*, series II 243-244, for totals]

STATE OR OTHER AREA	ELEMENTARY <sup>1</sup>		SECONDARY <sup>2</sup>		INSTITUTIONS OF HIGHER EDUCATION, 1960 <sup>3</sup>		Schools of nursing not affiliated with colleges and universities, 1960 <sup>4</sup>
	Public, 1960	Non-public, 1958	Public, 1960	Non-public, 1958	Public	Private	
United States.....	\$ 91,853	\$ 13,170	\$ 25,784	\$ 4,026	\$ 701	1,307	889
New England.....	4,561	\$ 1,006	1,314	\$ 480	41	132	92
Maine.....	1,006	\$ 107	178	\$ 70	7	13	5
New Hampshire.....	397	82	92	48	5	6	11
Vermont.....	402	35	85	24	4	11	3
Massachusetts.....	1,691	\$ 510	679	\$ 230	17	70	51
Rhode Island.....	284	88	28	2	2	8	5
Connecticut.....	781	184	214	80	6	24	17
Middle Atlantic.....	\$ 9,479	\$ 2,896	2,806	921	67	259	231
New York.....	\$ 3,654	\$ 1,287	1,471	\$ 487	42	122	94
New Jersey.....	1,646	\$ 479	329	\$ 134	9	29	35
Pennsylvania.....	4,179	\$ 1,130	1,006	\$ 300	16	108	102
East North Central.....	16,729	\$ 3,423	4,252	\$ 740	92	243	178
Ohio.....	3,024	739	1,113	171	9	58	53
Indiana.....	1,896	320	749	60	6	36	17
Illinois.....	3,582	1,029	1,931	180	20	85	65
Michigan.....	4,035	696	893	224	24	35	23
Wisconsin.....	4,192	\$ 630	566	\$ 105	33	29	20
West North Central.....	\$ 20,817	\$ 1,886	\$ 3,765	\$ 474	97	151	109
Minnesota.....	3,399	467	612	96	15	28	17
Iowa.....	3,806	356	762	128	19	31	24
Missouri.....	\$ 2,530	\$ 450	\$ 640	\$ 110	14	45	22
North Dakota.....	1,411	64	352	22	11	1	9
South Dakota.....	3,583	80	266	29	7	9	7
Nebraska.....	3,500	242	453	49	10	13	10
Kansas.....	2,648	227	680	40	21	24	20
South Atlantic.....	11,477	\$ 1,096	3,634	387	103	203	133
Delaware.....	146	35	55	15	2	2	6
Maryland.....	810	364	258	84	17	22	17
District of Columbia.....	131	59	41	32	3	24	4
Virginia.....	1,888	79	401	75	8	33	28
West Virginia.....	2,471	59	372	26	11	9	15
North Carolina.....	2,019	62	900	41	16	44	30
South Carolina.....	1,003	46	416	19	6	25	12
Georgia.....	1,682	\$ 56	598	35	21	28	12
Florida.....	1,327	336	533	60	19	16	9
East South Central.....	8,761	532	2,857	225	49	107	42
Kentucky.....	2,743	257	434	87	8	31	13
Tennessee.....	2,507	92	525	46	7	39	12
Alabama.....	2,173	123	1,202	49	9	19	10
Mississippi.....	1,338	60	606	43	25	18	7
West South Central.....	7,968	\$ 798	4,067	\$ 294	92	82	47
Arkansas.....	1,115	62	590	27	8	11	6
Louisiana.....	1,207	233	659	109	10	12	6
Oklahoma.....	1,866	93	930	47	23	11	8
Texas.....	3,780	\$ 410	1,888	\$ 120	51	48	27
Mountain.....	4,875	\$ 532	\$ 1,423	\$ 155	48	22	16
Montana.....	1,513	61	193	20	8	3	3
Idaho.....	420	46	215	10	5	3	1
Wyoming.....	460	19	123	6	5	—	—
Colorado.....	885	\$ 110	\$ 385	23	13	8	5
New Mexico.....	506	102	173	32	7	2	1
Arizona.....	519	166	92	47	5	2	3
Utah.....	401	\$ 15	153	\$ 15	4	4	3
Nevada.....	171	13	45	2	1	—	—
Pacific.....	7,186	\$ 1,001	1,710	\$ 350	103	108	41
Washington.....	1,166	164	455	50	15	12	10
Oregon.....	1,071	97	275	28	9	18	4
California.....	4,647	\$ 635	876	\$ 240	77	75	25
Alaska.....	136	18	45	7	1	—	—
Hawaii.....	166	87	59	25	1	3	2
Puerto Rico.....	1,847	100	453	86	1	4	8
American Samoa.....	46	7	7	—	—	—	—
Canal Zone.....	14	1	9	—	1	—	—
Guam.....	21	5	3	7	1	—	—
Virgin Islands.....	20	13	3	6	—	—	—

<sup>1</sup> Excludes kindergarten. <sup>2</sup> Comprises regular 4-year, junior, senior, and junior-senior high schools.

<sup>3</sup> Comprises universities, colleges, professional schools, teachers colleges, and junior colleges.

<sup>4</sup> October 1959. <sup>5</sup> Partially estimated.

<sup>6</sup> Includes 9 U. S. Service Academies, not shown separately. <sup>7</sup> 1959 data.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States, 1957-58*, Chapter 2, *Statistics of State School Systems, 1957-58*, *Statistics of State School Systems, 1959-60*, *Statistics of Higher Education, 1959-60*, and records.

## No. 141. PUBLIC SCHOOLS—EXPENDITURE, BY STATES AND FOR OTHER AREAS: 1960

[In thousands of dollars, except averages per pupil]

STATE OR OTHER AREA	Total	CURRENT EXPENDITURE FOR DAY SCHOOLS		Other current expenditures <sup>2</sup>	Capital outlay	Interest
		Amount	Per pupil <sup>1</sup>			
United States.....	15,613,255	12,329,389	375	132,566	<sup>3</sup> 2,661,786	499,514
New England.....	732,281	687,212	396	3,887	98,467	12,727
Maine.....	69,674	51,465	283	136	7,129	945
New Hampshire.....	41,114	33,185	347	46	6,693	893
Vermont.....	28,144	24,132	344	55	3,278	681
Massachusetts.....	368,907	324,408	409	2,187	42,311	2,031
Rhode Island.....	53,035	48,686	413	162	2,167	8,177
Connecticut.....	231,407	185,336	436	1,301	36,594	126,394
Middle Atlantic.....	3,139,222	2,575,605	496	31,095	408,127	55,818
New York.....	1,742,717	1,383,706	602	21,921	271,272	10,314
New Jersey.....	593,607	459,413	488	3,409	114,780	41,262
Pennsylvania.....	707,498	732,486	400	5,675	<sup>3</sup> 18,073	102,325
East North Central.....	3,185,248	2,474,528	400	21,868	586,528	27,065
Ohio.....	799,453	632,932	365	4,100	184,857	5,829
Indiana.....	393,626	318,073	359	2,151	<sup>2</sup> 67,574	32,910
Illinois.....	840,734	663,840	438	2,119	147,856	25,559
Michigan.....	811,975	605,048	415	12,065	109,273	10,062
Wisconsin.....	332,960	264,626	413	1,304	66,908	34,238
West North Central.....	1,331,263	1,042,782	368	15,580	238,665	13,632
Minnesota.....	352,448	267,376	425	4,260	67,180	5,430
Iowa.....	235,678	197,703	368	1,687	30,793	8,206
Missouri.....	300,749	242,447	344	2,627	47,598	1,158
North Dakota.....	59,694	46,254	367	75	12,206	5,422
South Dakota.....	53,855	47,890	347	47	21,440	2,743
Nebraska.....	112,836	87,602	337	954	54,327	2,301
Kansas.....	216,003	153,346	348	6,030	313,766	45,288
South Atlantic.....	1,819,746	1,444,320	282	16,374	20,982	1,221
Delaware.....	55,067	33,425	456	38	63,293	10,472
Maryland.....	226,550	209,606	393	3,180	5,818	5,056
District of Columbia.....	52,752	45,017	431	1,317	11,286	1,790
Virginia.....	206,942	207,399	274	1,756	47,737	4,275
West Virginia.....	122,434	108,673	255	676	14,445	5,983
North Carolina.....	294,744	238,059	237	1,128	77,432	8,682
South Carolina.....	136,636	116,939	220	1,029	101,437	16,873
Georgia.....	230,734	208,096	253	2,648	<sup>3</sup> 20,042	11,293
Florida.....	367,207	276,506	318	4,607	37,229	1,515
East South Central.....	702,651	578,370	232	5,968	18,451	1,280
Kentucky.....	148,236	132,058	233	993	41,872	2,785
Tennessee.....	214,459	175,152	238	562	216,204	48,659
Alabama.....	191,165	171,130	241	390	13,913	2,462
Mississippi.....	148,791	100,020	206	4,113	53,908	11,534
West South Central.....	1,342,009	1,071,056	325	6,090	31,066	3,069
Arkansas.....	100,548	83,896	225	247	117,287	31,594
Louisiana.....	298,618	230,402	372	2,773	152,431	18,169
Oklahoma.....	185,751	151,181	311	436	7,501	2,250
Texas.....	757,092	605,577	332	2,634	8,498	1,309
Mountain.....	711,630	536,708	376	4,330	13,761	905
Montana.....	64,021	54,079	411	185	44,033	5,802
Idaho.....	62,627	42,719	260	—	14,120	1,693
Wyoming.....	40,844	32,175	450	2,912	32,024	3,619
Colorado.....	189,508	136,730	366	315	25,169	1,785
New Mexico.....	88,902	78,396	404	—	7,316	1,418
Arizona.....	139,937	104,064	322	781	548,171	84,854
Utah.....	97,490	69,755	424	27,377	63,343	10,705
Nevada.....	32,641	23,770	430	0,277	20,956	3,542
Pacific.....	2,599,208	1,938,898	458	27,377	451,170	68,738
Washington.....	110,393	239,089	420	0,277	2,094	820
Oregon.....	185,229	154,691	448	—	3,758	1,240
California.....	2,021,625	<sup>4</sup> 1,481,908	424	<sup>4</sup> 10,869	4,539	—
Alaska.....	24,195	20,641	345	30	4,961	—
Hawaii.....	48,766	42,499	626	1,281	1,495	—
Puerto Rico.....	63,421	54,375	106	4,508	85	—
Canal Zone.....	8,924	3,702	363	231	—	—
Guam.....	4,675	3,020	236	100	—	—
Virgin Islands.....	2,021	1,062	271	274	—	—

<sup>1</sup> Per pupil in average daily attendance based on expenditures allocable to pupil costs.<sup>2</sup> Comprises community services, summer schools, community colleges (those operated by local school districts), and adult education.<sup>3</sup> Total excludes \$181,000,000 expended by State and local schoolhousing authorities.<sup>4</sup> Expenditures for summer schools, adult education, and community colleges, not separately shown, included with elementary and secondary schools, but omitted in computing expenditure per pupil.Source: Department of Health, Education, and Welfare, Office of Education; *Statistics of State School Systems, 1960-61*.

# No. 142. ENROLLMENT IN PUBLIC AND PRIVATE SCHOOLS OF PERSONS 5 TO 34 YEARS OLD: 1961

[In thousands. As of October. Includes Alaska and Hawaii. See headnote, table 143]

TYPE	NUMBER ENROLLED				PERCENT ENROLLED			
	Kinder- garten	Elemen- tary school	High school	College or pro- fessional school	Kinder- garten	Elemen- tary school	High school	College or pro- fessional school
Total.....	2,299	30,718	10,959	3,731	100.0	100.0	100.0	100.0
Public.....	1,926	26,221	9,817	2,376	83.8	85.4	89.6	63.7
Private.....	373	4,497	1,141	1,354	16.2	14.6	10.4	36.3

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, and records.

## No. 143. SCHOOL ENROLLMENT, BY AGE AND SEX: 1950, 1960, AND 1961

[In thousands. As of October. Beginning 1960, includes Alaska and Hawaii. Data relate to civilian noninstitutional population and are based on Current Population Survey; see Technical Note, p. 213. Figures for children 5 and 6 years old enrolled in school include those enrolled in kindergarten. See also *Historical Statistics, Colonial Times to 1967*, series H 383-394]

YEAR AND AGE	TOTAL			MALE			FEMALE		
	Popu- lation	Enrolled		Popu- lation	Enrolled		Popu- lation	Enrolled	
		Number	Per- cent		Number	Per- cent		Number	Per- cent
1950									
Total, 5 to 34.....	68,570	130,276	144.2	33,355	115,834	147.5	35,215	114,442	141.0
5 years.....	2,726	1,410	51.7	1,390	717	51.6	1,336	693	51.9
6 years.....	2,731	2,649	97.0	1,390	1,336	96.1	1,341	1,313	97.9
7 to 9 years.....	7,891	7,803	98.9	4,012	3,963	98.8	3,879	3,840	99.0
10 to 13 years.....	8,982	8,852	98.6	4,565	4,506	98.7	4,417	4,346	98.4
14 to 17 years.....	8,351	6,953	83.3	4,200	3,541	84.3	4,151	3,412	82.2
18 and 19 years.....	4,041	1,190	29.4	1,893	667	35.2	2,148	623	24.3
20 to 24 years.....	10,677	950	9.0	4,873	692	14.2	5,804	267	4.6
25 to 29 years.....	11,861	358	3.0	5,623	332	5.9	6,238	26	0.4
30 to 34 years.....	11,310	1100	10.9	5,409	179	11.5	5,901	121	10.4
1960									
Total, 5 to 34.....	82,049	46,259	56.4	40,372	24,234	60.0	41,677	22,025	52.8
5 years.....	4,023	2,561	63.7	2,055	1,317	64.1	1,968	1,244	63.2
6 years.....	3,956	3,877	98.0	2,020	1,975	97.8	1,936	1,902	98.2
7 to 9 years.....	11,325	11,281	99.6	5,780	5,759	99.6	5,545	5,522	99.6
10 to 13 years.....	14,419	14,340	99.5	7,362	7,315	99.4	7,057	7,025	99.5
14 to 17 years.....	11,341	10,242	90.3	5,744	5,248	91.4	5,597	4,994	89.2
18 and 19 years.....	4,733	1,817	38.4	2,221	1,063	47.8	2,512	754	30.0
20 to 24 years.....	10,330	1,350	13.1	4,710	936	19.9	5,620	414	7.4
25 to 29 years.....	10,423	514	4.9	4,960	415	8.4	5,463	90	1.8
30 to 34 years.....	11,490	278	2.4	5,520	206	3.7	5,970	72	1.2
1961									
Total, 5 to 34.....	83,921	47,707	56.8	41,323	24,943	60.4	42,599	22,764	53.4
5 years.....	4,097	2,715	66.3	2,091	1,400	67.0	2,006	1,315	65.6
6 years.....	4,027	3,923	97.4	2,057	2,002	97.3	1,970	1,921	97.5
7 to 9 years.....	11,601	11,530	99.4	5,923	5,893	99.5	5,679	5,637	99.3
10 to 13 years.....	14,372	14,271	99.3	7,333	7,274	99.2	7,039	6,907	99.4
14 to 17 years.....	12,217	11,161	91.4	6,190	5,705	92.2	6,028	5,458	90.5
18 and 19 years.....	5,140	1,952	38.0	2,407	1,170	48.6	2,732	782	28.6
20 to 24 years.....	10,690	1,460	13.7	4,904	988	20.1	5,780	479	8.3
25 to 29 years.....	10,428	456	4.4	4,906	351	7.1	5,463	105	1.9
30 to 34 years.....	11,349	230	2.0	5,452	160	2.9	5,897	70	1.2

<sup>1</sup> Estimated.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 66, and records.

# School Enrollment

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## No. 144. PERCENT OF POPULATION ENROLLED IN SCHOOL, BY AGE, COLOR, AND SEX: 1960 AND 1961

[As of October. Includes Alaska and Hawaii. See headnote, table 143]

AGE	1960						1961					
	Total		Male		Female		Total		Male		Female	
	White	Non-white	White	Non-white	White	Non-white	White	Non-white	White	Non-white	White	Non-white
Total, 5 to 34.....	56.4	55.9	60.3	53.3	52.7	53.7	56.9	56.8	60.4	60.0	53.4	53.8
5 and 6 years.....	82.0	73.3	82.3	71.8	81.6	74.9	82.2	79.1	82.6	78.7	81.7	79.5
7 to 13 years.....	90.6	99.1	99.6	99.0	99.6	99.2	99.5	98.2	99.5	98.0	99.5	98.3
14 to 17 years.....	90.8	86.8	91.7	88.5	89.8	85.2	92.0	86.9	92.7	88.6	91.3	85.1
18 and 19 years.....	38.9	34.6	49.5	36.0	29.7	32.2	39.0	30.6	49.6	41.7	29.7	29.6
20 to 24 years.....	13.9	7.5	21.5	9.4	7.6	5.9	14.4	9.1	21.4	11.8	8.5	6.7
25 to 29 years.....	5.2	2.9	8.9	3.9	1.8	2.1	4.6	2.4	7.6	4.0	2.1	1.0
30 to 34 years.....	2.6	1.0	4.0	1.0	1.2	1.0	2.1	1.1	3.1	1.9	1.3	0.4

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, Nos. 110 and 118, and records.

## No. 145. PROJECTIONS OF SCHOOL ENROLLMENT, BY SEX AND LEVEL OF SCHOOL: 1965 TO 1980

[In thousands. As of the fall of the year. Beginning 1960, includes Alaska and Hawaii. The 4 series shown represent projections based on different combinations of assumptions about population and enrollment rates. Population series II and III are based on the following assumptions as to fertility: II—1955-57 level continues to 1975-80; III—1955-57 level declines to 1949-51 level by 1965-70, then remains at that level to 1975-80. Enrollment series A and C are based on the following assumptions: A—age-specific enrollment rates will continue to increase but the average annual rate of increase will be one-half the average annual rate of change between 1950-52 and 1957-59 by 1968 and level off by 1975 to 1980; C—average annual enrollment rates for 1957-59 will remain constant to 1980. Projections based on other assumptions, and more detailed methodology, are given in the source report.]

YEAR AND SERIES	TOTAL				MALE				FEMALE			
	Total enrolled	Elementary school and kindergarten	High school (grades 9 to 12)	College and university	Total enrolled	Elementary school and kindergarten	High school (grades 9 to 12)	College and university	Total enrolled	Elementary school and kindergarten	High school (grades 9 to 12)	College and university
<b>SURVEY ESTIMATES</b>												
1950.....	30,276	21,406	6,656	2,214	15,859	11,000	3,344	1,515	14,417	10,406	3,312	699
1955.....	37,426	27,086	7,961	2,379	19,573	13,968	4,026	1,579	17,853	13,117	3,936	800
1960.....	46,259	32,441	10,249	3,570	24,234	16,711	5,184	2,339	22,025	15,730	5,065	1,231
<b>PROJECTIONS</b>												
<b>Series II-A:</b>												
1965.....	54,360	35,755	13,226	5,379	28,718	18,409	6,800	3,509	25,642	17,346	6,426	1,870
1970.....	60,344	38,430	14,894	7,020	32,105	19,796	7,662	4,647	28,239	18,634	7,232	2,373
1975.....	62,721	42,411	15,895	8,325	35,661	21,851	8,243	5,587	31,060	20,560	7,742	2,758
1980.....	75,102	48,696	17,388	9,018	40,122	25,086	8,905	6,071	34,980	23,610	8,423	2,947
<b>Series II-C:</b>												
1965.....	52,488	35,402	12,711	4,375	27,587	18,227	6,502	2,858	24,901	17,175	6,209	1,517
1970.....	57,286	37,915	14,110	5,261	30,248	19,529	7,213	3,506	27,038	18,387	6,897	1,755
1975.....	62,834	41,764	15,042	6,031	33,275	21,516	7,708	4,058	29,559	20,248	7,832	1,972
1980.....	70,828	47,936	16,385	6,507	37,494	24,095	8,389	4,410	33,334	23,241	7,996	2,097
<b>Series III-A:</b>												
1965.....	54,360	35,755	13,226	5,379	28,718	18,409	6,800	3,509	25,642	17,346	6,426	1,870
1970.....	58,740	36,824	14,805	7,021	31,286	18,975	7,663	4,648	27,454	17,849	7,232	2,373
1975.....	61,682	37,558	15,777	8,327	33,079	19,366	8,145	5,568	28,583	18,192	7,632	2,759
1980.....	66,291	41,797	15,678	8,816	35,583	21,538	8,094	5,951	30,708	20,259	7,584	2,865
<b>Series III-C:</b>												
1965.....	52,488	35,402	12,711	4,375	27,587	18,227	6,502	2,858	24,901	17,175	6,209	1,517
1970.....	55,731	36,360	14,110	5,261	29,458	18,739	7,213	3,506	26,273	17,621	6,897	1,755
1975.....	62,870	37,001	14,838	6,031	30,742	19,078	7,600	4,058	27,128	17,923	7,232	1,973
1980.....	67,244	41,151	14,762	6,341	33,077	21,203	7,562	4,312	29,167	19,948	7,190	2,029

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-25, No. 232, and records.

**NO. 146. RETENTION RATE PER 1,000 STUDENTS ATTENDING SCHOOL FROM FIFTH GRADE THROUGH FIRST YEAR OF COLLEGE: 1939-1947 TO 1951-1959**  
[Excludes Alaska and Hawaii]

GRADE OR YEAR	STUDENT BODY OF—													
	1939 to 1947	1940 to 1948	1941 to 1949	1942 to 1950.	1943 to 1951	1944 to 1952	1945 to 1953	1946 to 1954	1947 to 1955	1948 to 1956	1949 to 1957	1950 to 1958	1951 to 1959	
Elementary: Fifth 1.....	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
Sixth.....	955	963	968	952	954	972	952	950	954	971	984	984	981	
Seventh.....	908	916	910	905	909	914	929	944	945	948	956	967	968	
Eighth.....	853	846	836	834	847	870	858	875	919	919	920	918	921	
High school: I.....	790	781	781	780	807	827	848	872	872	858	863	874	886	
II.....	655	673	697	698	713	745	748	766	775	748	795	795	800	
III.....	532	552	566	581	604	630	650	662	641	670	706	698	709	
IV.....	444	476	507	514	539	557	549	552	583	594	619	614	632	
Graduates.....	419	450	481	488	505	524	522	524	553	550	581	574	582	
Year of graduation.....	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	
College: I.....	(2)	(2)	(2)	(2)	205	218	234	266	283	286	301	303	308	

<sup>1</sup> Fourth grade in 11-grade system; fifth grade in 12-grade system.

<sup>2</sup> Lack of detailed information regarding veteran students makes impossible the calculation of retention rates.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, Chapter 1, *Statistical Summary of Education*.

**NO. 147. SCHOOL ENROLLMENT, BY LEVEL OF SCHOOL, BY AGE, COLOR, AND SEX: 1961**

[In thousands. As of October. Includes Alaska and Hawaii. See headnote, table 143]

AGE AND SEX	WHITE				NONWHITE			
	Total enrolled	Elemen- tary school or kinder- garten	High school	College or pro- fessional school	Total enrolled	Elemen- tary school or kinder- garten	High school	College or pro- fessional school
Total, 5 to 34 years.....	41,497	28,262	9,737	3,498	6,210	4,755	1,222	233
5 to 13 years.....	27,906	27,426	480	-----	4,533	4,464	69	-----
14 to 17 years.....	9,847	833	8,810	204	1,314	284	1,021	9
18 to 24 years.....	3,102	2	416	2,684	319	7	127	185
25 to 34 years.....	642	1	31	610	44	-----	5	39
Male, 5 to 34 years.....	21,768	14,662	4,898	2,208	3,175	2,412	615	148
5 to 13 years.....	14,297	14,101	196	-----	2,273	2,252	21	-----
14 to 17 years.....	5,036	500	4,397	79	667	160	502	5
18 to 24 years.....	1,958	-----	289	1,669	201	-----	89	112
25 to 34 years.....	477	1	16	460	34	-----	3	31
Female, 5 to 34 years.....	19,729	13,600	4,839	1,290	3,035	2,343	607	85
5 to 13 years.....	13,609	13,325	284	-----	2,260	2,212	48	-----
14 to 17 years.....	4,811	273	4,413	125	647	124	519	4
18 to 24 years.....	1,144	2	127	1,015	118	7	38	73
25 to 34 years.....	165	-----	15	150	10	-----	2	8

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20.

**No. 148. PERSONS 25 YEARS OLD AND OVER, BY YEARS OF SCHOOL COMPLETED, BY COLOR AND SEX: 1940 TO 1960**

[In thousands. As of April. Beginning 1960, includes Alaska and Hawaii. 1950 statistics are estimates based on 20-percent sample of persons; 1960, on 25-percent sample of households; see source for sampling variability. See also *Historical Statistics, Colonial Times to 1957*, series H 395, for medians]

YEAR AND SEX	Popula- tion, 25 years and over <sup>1</sup>	YEARS OF SCHOOL COMPLETED							Median school years com- pleted <sup>3</sup>
		Elementary school			High school		College		
		Less than 5 years <sup>2</sup>	5 to 7 years	8 years	1 to 3 years	4 years	1 to 3 years	4 years or more	
1940									
Total.....	74,776	10,105	13,656	20,757	11,182	10,552	4,075	3,407	8.6
Percent.....	100.0	13.5	18.3	27.8	15.0	14.1	5.4	4.6	-----
Male.....	37,463	5,550	7,008	10,631	5,333	4,507	1,824	2,021	8.6
Female.....	37,313	4,554	6,648	10,125	5,849	6,044	2,251	1,386	8.7
White.....	68,000	7,322	11,662	19,967	10,604	10,255	3,949	3,320	8.7
Percent.....	100.0	10.8	17.2	29.4	15.6	15.1	5.8	4.9	-----
Male.....	34,114	4,035	6,086	10,258	5,090	4,381	1,770	1,975	8.7
Female.....	33,886	3,287	5,576	9,708	5,514	5,874	2,179	1,344	8.8
Nonwhite.....	6,776	2,782	1,994	790	578	296	127	88	5.8
Percent.....	100.0	41.1	29.4	11.7	8.5	4.4	1.9	1.3	-----
Male.....	3,349	1,516	922	373	243	126	54	46	5.4
Female.....	3,427	1,267	1,072	417	335	170	72	42	6.2
1950									
Total.....	87,483	9,446	13,911	17,706	14,801	17,664	6,259	5,285	9.3
Percent.....	100.0	10.8	15.9	20.2	16.9	20.2	7.2	6.0	-----
Male.....	42,628	5,053	6,994	8,822	6,976	7,511	2,903	3,027	9.0
Female.....	44,855	4,393	6,917	8,884	7,824	10,153	3,356	2,258	9.6
White.....	79,339	6,884	11,692	16,770	13,738	17,005	6,020	5,108	9.7
Percent.....	100.0	8.7	14.7	21.1	17.3	21.4	7.6	6.4	-----
Male.....	38,684	3,650	5,970	8,306	6,519	7,227	2,793	2,946	9.3
Female.....	40,655	3,225	5,722	8,374	7,219	9,778	3,227	2,162	10.1
Nonwhite.....	8,145	2,562	2,219	936	1,062	659	239	177	6.8
Percent.....	100.0	31.5	27.2	11.5	13.0	8.1	2.9	2.2	-----
Male.....	3,945	1,394	1,024	426	458	284	110	81	6.4
Female.....	4,200	1,168	1,195	510	605	375	129	96	7.2
1960									
Total.....	99,438	8,303	13,754	17,443	19,116	24,455	8,742	7,625	10.6
Male.....	47,931	4,506	7,019	8,516	8,973	10,154	4,123	4,639	10.3
Female.....	51,508	3,796	6,735	8,927	10,143	14,301	4,619	2,986	10.9
White.....	89,581	5,989	11,451	16,179	17,274	23,100	8,311	7,278	10.9
Percent.....	100.0	6.7	12.8	18.1	19.3	25.8	9.3	8.1	-----
Nonwhite.....	9,857	2,314	2,303	1,264	1,842	1,356	431	347	8.2
Percent.....	100.0	23.5	23.4	12.8	18.7	13.8	4.4	3.5	-----

<sup>1</sup> For 1940 and 1950, includes persons not reporting years of school completed, not shown separately here; for 1960, persons not reporting years of school completed were assigned values for that item, as explained in source.

<sup>2</sup> Includes persons reporting no school years completed.

<sup>3</sup> Medians computed on basis of unrounded data on years of school completed.

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Population: 1950*, Vol. II, Part 1, and *1960*, Vol. I, Chapter C.

# No. 149. YEARS OF SCHOOL COMPLETED BY PERSONS 25 YEARS OLD AND OVER, BY STATES AND FOR PUERTO RICO: 1960

[Population in thousands. Based on 25-percent sample; see source for sampling variability. For definition of median, see table 18]

STATE OR OTHER AREA	Popu- lation 25 years old and over	YEARS OF SCHOOL COMPLETED							MEDIAN SCHOOL YEARS COMPLETED				
		Elementary school			High school		College		All classes			White	Non- white
		Less than 5 years <sup>1</sup>	5 to 7 years	8 years	1 to 3 years	4 years	1 to 3 years	4 years or more	Total	Male	Female		
U.S.	99,438	8,303	13,754	17,443	19,116	24,455	8,742	7,625					
N.E.	6,083	359	726	1,076	1,212	1,659	543	508					
Maine	534	25	59	110	109	186	46	29	11.0	10.5	11.5	11.0	10.7
N.H.	345	15	41	76	65	94	30	25	10.9	10.5	11.3	10.9	11.7
Vt.	213	8	23	61	40	65	20	16	10.9	10.0	11.6	10.9	10.5
Mass.	3,011	180	342	468	604	869	282	265	11.6	11.3	11.8	11.6	10.3
R.I.	498	37	81	93	113	109	33	33	10.0	10.0	10.0	10.0	9.5
Conn.	1,482	93	180	278	281	377	131	141	11.0	10.8	11.3	11.1	9.1
M.A.	20,330	1,489	2,645	3,918	4,156	5,003	1,489	1,630					
N.Y.	10,124	785	1,184	1,907	2,111	2,431	804	902	10.7	10.6	10.7	10.8	9.4
N.J.	3,000	251	480	661	734	885	277	303	10.6	10.6	10.7	10.8	8.8
Pa.	6,606	453	972	1,350	1,311	1,687	407	425	10.2	10.0	10.4	10.3	8.9
E.N.C.	20,128	1,141	2,420	4,192	4,081	5,273	1,632	1,390					
Ohio	5,378	202	661	1,025	1,144	1,469	412	375	10.9	10.6	11.1	11.0	9.1
Ind.	2,550	124	309	534	517	716	190	160	10.8	10.5	11.0	10.9	9.0
Ill.	6,808	365	683	1,272	1,141	1,421	502	425	10.5	10.4	10.6	10.7	9.0
Mich.	4,217	244	494	818	938	1,097	341	286	10.8	10.4	11.1	11.0	9.1
Wis.	2,175	115	272	543	342	570	188	145	10.4	9.8	10.9	10.4	9.0
W.N.C.	8,569	404	975	2,138	1,376	2,267	826	583					
Minn.	1,845	74	195	486	279	480	192	138	10.8	9.9	11.6	10.8	9.9
Iowa	1,541	46	104	374	243	467	148	99	11.3	10.4	12.0	11.3	9.5
Mo.	2,493	176	359	624	422	563	194	155	9.6	9.3	9.9	9.8	8.7
N. Dak.	324	19	40	99	40	71	37	18	9.3	8.9	10.8	9.3	8.4
S. Dak.	360	15	35	107	51	90	41	21	10.4	9.0	11.6	10.5	8.6
Nebr.	791	29	68	183	134	240	84	54	11.6	10.9	12.0	11.7	9.6
Kans.	1,216	45	114	265	206	356	131	99	11.7	11.2	12.0	11.8	9.0
S.A.	13,785	1,790	2,787	1,662	2,501	2,885	1,114	1,046					
Del.	246	16	32	88	53	61	20	25	11.1	10.8	11.3	11.0	8.4
Md.	1,693	130	331	233	322	385	135	157	10.4	10.2	10.6	11.0	8.1
D.C.	461	33	65	54	89	101	54	66	11.7	11.3	11.9	12.4	9.8
Va.	2,083	274	482	178	359	432	183	175	9.0	9.2	10.5	10.8	7.2
W. Va.	1,000	110	195	235	155	191	62	52	8.8	8.7	8.9	8.8	8.4
N.C.	2,307	380	676	215	892	436	183	145	8.9	8.5	9.5	9.8	7.0
S.C.	1,136	231	262	102	196	193	74	78	8.7	8.4	9.1	10.3	5.9
Ga.	2,016	355	456	191	369	371	147	126	9.0	8.8	9.3	10.3	6.1
Fla.	2,845	261	389	417	568	714	276	222	10.9	10.6	11.1	11.6	7.0
E.S.C.	6,257	978	1,269	1,070	1,091	1,109	401	338					
Ky.	1,610	223	312	391	240	266	90	79	8.7	8.5	8.8	8.7	8.2
Tenn.	1,912	282	384	353	312	348	128	105	8.8	8.6	9.0	9.0	7.5
Ala.	1,670	273	370	180	340	310	101	95	9.1	8.9	9.3	10.2	6.5
Miss.	1,065	201	202	146	199	184	73	59	8.9	8.6	9.3	11.0	6.0
W.S.C.	8,934	1,281	1,557	1,108	1,664	1,875	788	662					
Ark.	964	148	183	174	180	172	60	46	8.9	8.7	9.1	9.5	6.5
La.	1,639	349	339	102	260	310	110	110	8.8	8.6	9.0	10.5	6.0
Okla.	1,300	112	193	232	237	298	126	102	10.4	10.1	10.7	10.7	8.6
Tex.	5,031	672	842	540	987	1,005	491	403	10.4	10.1	10.7	10.8	8.1
Mt.	3,497	215	317	559	667	982	431	327					
Mont.	356	15	33	77	61	100	43	27	11.6	10.7	12.1	11.7	8.7
Idaho	340	11	26	69	70	98	42	24	11.8	11.2	12.1	11.8	9.6
Wyo.	174	6	14	30	33	54	21	15	12.1	11.6	12.2	12.1	9.3
Colo.	941	44	82	168	168	272	116	101	12.1	11.9	12.1	12.1	11.2
N. Mex.	445	54	54	54	81	110	48	43	11.2	11.0	11.5	11.5	7.1
Ariz.	661	66	72	96	124	167	75	60	11.3	11.0	11.6	11.7	7.0
Utah	419	12	26	53	95	128	63	43	12.2	12.2	12.2	12.2	10.1
Nev.	160	6	11	22	35	51	21	13	12.1	12.0	12.2	12.2	8.8
Pac.	11,856	647	1,058	1,720	2,368	3,403	1,518	1,142					
Wash.	1,577	54	131	271	308	482	184	147	12.1	11.8	12.1	12.1	10.5
Oreg.	996	33	88	191	202	286	112	84	11.8	11.2	12.1	11.8	9.9
Calif.	8,369	505	795	1,212	1,788	2,510	1,186	873	12.1	12.0	12.1	12.1	10.5
Alaska	105	0	8	11	20	34	13	10	12.1	12.1	12.2	12.4	6.6
Hawaii	309	46	36	35	49	92	23	28	11.3	11.0	11.6	12.4	9.9
Puerto Rico.	2,925	505	151	60	67	69	37	33	4.6	4.8	4.3		

<sup>1</sup> Includes persons reporting no school years completed.

<sup>2</sup> Includes persons not reporting years of school completed, not shown separately here.

Source: Department of Commerce, Bureau of the Census; U.S. Census of Population: 1960, Vol. I, Chapter C.



# No. 150. LIFETIME AND ANNUAL MEAN INCOME OR EARNINGS OF MALES 25 YEARS OLD AND OVER, BY YEARS OF SCHOOL COMPLETED: 1939 TO 1958

[Excludes Alaska and Hawaii. Data not directly comparable for all years shown due to minor differences in concepts and coverage. Figures for lifetime income or earnings are based on the application of appropriate life tables to the arithmetic mean income, by age, as obtained for a cross section of the population in each year shown. Figures for annual mean income for 1939 and 1949 are based on census of population data and, for 1946, 1956, and 1958, on Current Population Survey. See Technical Note, p. 213]

YEARS OF SCHOOL COMPLETED	LIFETIME INCOME			ANNUAL MEAN INCOME				
	1946 <sup>1</sup>	1949	1958	1939 <sup>2</sup>	1946 <sup>1</sup>	1949	1956	1958
Elementary:								
Total.....	\$87,004	\$104,998	\$143,803	\$1,036	\$2,041	\$2,394	\$3,107	\$3,096
Less than 8 years <sup>3</sup> .....	74,369	91,095	120,965	(4)	1,738	2,062	2,613	2,551
8 years.....	98,702	122,787	169,976	(4)	2,327	2,829	3,732	3,769
High school:								
1 to 3 years.....	107,940	141,870	198,881	1,379	2,449	3,226	4,480	4,618
4 years.....	135,852	174,740	241,844	1,661	2,939	3,784	5,439	5,567
College:								
1 to 3 years.....	161,699	201,938	305,395	1,931	3,654	4,423	6,363	6,966
4 years or more.....	201,731	286,833	419,871	2,607	4,527	6,179	8,490	9,206

<sup>1</sup> Total money earnings.

<sup>2</sup> Represents native white and Negro males 25 to 64 years old only and reporting \$1 or more of wage or salary income and less than \$50 of other income.

<sup>3</sup> Includes persons reporting no years of school completed. <sup>4</sup> Not available.

Source: American Economic Association; *The American Economic Review*, December 1960.

# No. 151. SCHOOL LEAVERS—SCHOOL EXPERIENCE, EARLY EMPLOYMENT EXPERIENCE, AND LEVEL OF MENTAL ABILITY: 1952-57

[Percent distribution. School leavers are high school graduates who did not go on to college or other formal training immediately after graduation, and students who dropped out of junior or senior high school before graduation from high school. Based on 7 surveys (1 in the summer of 1956; 6 in the summer of 1957) conducted at least 1 year after graduation or after dropping out. The 7 geographic areas covered by the surveys are not necessarily representative of the United States]

CHARACTERISTICS	DROPOUTS		HIGH SCHOOL GRADUATES		CHARACTERISTICS	DROPOUTS		HIGH SCHOOL GRADUATES	
	Male	Female	Male	Female		Male	Female	Male	Female
SCHOOL EXPERIENCE <sup>1</sup>					EMPLOYMENT EXPERIENCE <sup>4</sup> —Continued				
Age at date of leaving school.....	100	100	100	100	Weeks required to find regular job <sup>5</sup> —Continued				
Under 16 years.....	9	12	(2)	(2)	10 to 13 weeks.....	5	3	4	4
16 years.....	32	38	(2)	1	14 weeks and over.....	10	7	4	4
17 years.....	28	26	8	11	Percent unemployed at time of interview.....	6	5	19	23
18 years.....	18	15	59	68	Regular jobs of those employed at time of interview.....	100	100	100	100
19 years.....	6	4	24	10	Sales and service occupations.....	14	31	15	11
20 years and over.....	7	5	9	4	Office work.....	2	16	7	72
Highest grade completed..... <sup>2</sup> 100 <sup>3</sup> 100					Skilled and semiskilled, manufacturing and non-manufacturing.....	36	9	49	6
Seventh.....	5	4			Unskilled.....	35	37	18	3
Eighth.....	25	24			Other.....	13	7	11	8
Ninth.....	30	29			LEVEL OF MENTAL ABILITY				
Tenth.....	18	23			Intelligence quotient (I.Q.) <sup>6</sup>				
Eleventh.....	19	18			Under 85.....	100	100	100	100
EMPLOYMENT EXPERIENCE <sup>4</sup>					85 to 89.....	32	28	12	8
Income (weekly wages).....	100	100	100	100	90 to 109.....	15	15	11	11
Less than \$30.....	5	21	2	6	110 to 114.....	47	50	62	64
\$30 to \$49.....	39	61	13	44	115 and over.....	4	5	8	9
\$50 to \$69.....	24	13	35	45					
\$70 to \$89.....	22	4	34	5					
\$90 and over.....	10	(2)	16	(2)					
Weeks required to find regular job <sup>5</sup> .....	100	100	100	100					
Less than 1 week.....	39	41	51	52					
1 to 3 weeks.....	31	36	23	25					
4 to 6 weeks.....	12	11	13	12					

<sup>1</sup> Based on survey of all school leavers in the 7 areas (approximately 22,000).

<sup>2</sup> Less than 0.5 percent.

<sup>3</sup> Includes "ungraded". This classification was used by only 1 area and is defined as students who failed to earn promotion for 2 years.

<sup>4</sup> Based on sample of approximately 4,000 school leavers in the 7 areas.

<sup>5</sup> Includes "not reported".

<sup>6</sup> Based on Otis Mental Ability Group Test in 4 areas and on Terman-McNemar in 1 other; data for other areas not available. A quotient of 85 is the point below which successful completion of most high school subjects is regarded by educational authorities as generally difficult, since useful reading ability is not usually acquired below this point. Those with I.Q.'s between 85 and 89 are usually slow learners; 90 to 109 represents the normal range; and 110 or above is regarded by educators as the level of ability needed for college work.

Note: The 7 geographic areas surveyed were: Vanderburgh County, Ind.; Phoenix, Ariz.; Saginaw, Mich.; Port Huron, Mich.; Utica, N.Y.; Harrison County, W. Va.; and Providence, R.I.

Source: Department of Labor, Bureau of Labor Statistics; *School and Early Employment Experience of Youth—A Report on Seven Communities, 1952-57*, Bulletin No. 1277, August 1960.

# No. 152. EDUCATIONAL ATTAINMENT FOR PERSONS 25 YEARS OLD AND OVER, BY SEX: 1960 AND PROJECTIONS TO 1980

[In thousands. As of spring of year. Excludes Alaska and Hawaii. Data based on projected age-grade specific attainment rates from the 1950 Census and Current Population Surveys of October 1952 and March 1957. Series A and B in 1970 and 1980 imply the following assumptions regarding trends in educational attainment: A—continuation of short-term past trends in attainment of younger adult age groups; B—continuation of long-term past trends in attainment of younger adult age groups. Figures are based on projections of population as published in Series P-25, No. 187]

DATE AND SEX		Popula- tion 25 years old and over	YEARS OF SCHOOL COMPLETED								Median school years com- pleted	
			None	Elementary school			High school		College			
				1 to 4 years	5 to 7 years	8 years	1 to 3 years	4 years	1 to 3 years	4 years or more		
Total: 1960.....	99, 042	1, 771	6, 255	13, 362	17, 119	18, 701	26, 147	8, 167	7, 522	10.8		
1970—Series A.....	110, 033	1, 359	5, 003	11, 404	14, 564	21, 913	35, 427	10, 288	10, 078	12.0		
Series B.....	110, 033	1, 374	5, 042	11, 650	14, 861	22, 133	34, 936	10, 123	9, 866	12.0		
1980—Series A.....	130, 783	1, 101	4, 002	9, 471	11, 087	26, 104	49, 804	13, 800	14, 367	12.3		
Series B.....	130, 783	1, 156	4, 200	10, 078	12, 718	27, 132	48, 702	13, 164	13, 636	12.2		
Male: 1960.....	47, 844	879	3, 373	6, 644	8, 552	8, 891	11, 016	3, 955	4, 535	10.5		
1970—Series A.....	52, 678	659	2, 682	5, 598	7, 201	10, 327	14, 720	5, 175	6, 216	11.9		
Series B.....	52, 678	697	2, 707	5, 691	7, 311	10, 669	14, 396	5, 073	6, 063	11.8		
1980—Series A.....	62, 547	550	2, 219	4, 619	5, 893	12, 361	20, 576	7, 250	9, 080	12.3		
Series B.....	62, 547	578	2, 306	4, 922	6, 263	13, 451	19, 690	6, 843	8, 585	12.2		
Female: 1960.....	51, 198	892	2, 882	6, 718	8, 567	9, 810	15, 131	4, 212	2, 987	11.0		
1970—Series A.....	57, 455	700	2, 321	5, 806	7, 363	11, 686	20, 707	5, 113	3, 862	12.1		
Series B.....	57, 455	707	2, 335	5, 959	7, 550	11, 464	20, 690	5, 050	3, 893	12.0		
1980—Series A.....	68, 236	551	1, 843	4, 851	6, 095	13, 833	29, 228	6, 550	5, 287	12.2		
Series B.....	68, 236	578	1, 894	5, 146	6, 455	13, 681	29, 112	6, 321	5, 051	12.2		

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 91.

# No. 153. ILLITERACY OF PERSONS 14 YEARS OLD AND OVER, BY AGE, COLOR, SEX, AND RESIDENCE: 1947 AND 1959

[In thousands. As of October 1947 and March 1959. Excludes Alaska and Hawaii. Data relate to civilian non-institutional population based on Current Population Survey. Persons unable to both read and write in any language were classified as illiterate. Information on illiteracy was obtained in 1959 only for persons completing less than 6 years of school, and in 1947 only for persons completing less than 5 years of school. Persons completing more than that amount were classified as being literate. See also *Historical Statistics, Colonial Times to 1957*, series H 407-411]

AGE, SEX, AND RESIDENCE	1947					1959				
	Popu- lation	Illiterate		Percent illit- erate by color		Popu- lation	Illiterate		Percent illit- erate by color	
		Num- ber	Per- cent	White	Non- white		Num- ber	Per- cent	White	Non- white
Total, 14 and over.....	106, 428	2, 838	2.7	1.8	11.0	121, 373	2, 619	2.2	1.6	7.5
14 to 24 years.....	24, 257	232	1.0	0.6	4.4	25, 118	144	0.6	0.5	1.2
25 to 34 years.....	22, 481	310	1.4	0.8	7.2	22, 700	252	1.1	0.7	4.2
35 to 44 years.....	10, 898	420	2.1	1.3	9.7	23, 443	323	1.4	0.9	6.1
45 to 54 years.....	10, 025	506	3.0	2.0	13.8	20, 135	442	2.2	1.3	10.2
55 to 64 years.....	12, 652	602	5.2	4.2	19.1	15, 070	487	3.2	2.3	13.0
65 years and over.....	10, 515	709	6.7	4.9	32.4	14, 907	971	6.5	5.1	25.5
Urban.....	64, 900	1, 267	2.0	(1)	(1)	75, 599	1, 295	1.7	1.3	5.0
Rural nonfarm.....	22, 026	539	2.4	(1)	(1)	31, 215	697	2.2	1.6	11.5
Rural farm.....	19, 501	1, 032	5.3	(1)	(1)	14, 559	627	4.3	2.8	14.3
Male, 14 and over.....	51, 733	1, 557	3.0	1.9	14.2	58, 378	1, 480	2.5	1.7	9.8
14 to 24 years.....	11, 706	158	1.3	(1)	(1)	12, 063	100	0.8	0.7	1.7
25 to 34 years.....	10, 726	192	1.8	(1)	(1)	11, 070	149	1.3	0.9	5.1
35 to 44 years.....	9, 717	202	2.7	(1)	(1)	11, 416	214	1.9	1.1	9.1
45 to 54 years.....	8, 235	281	3.4	(1)	(1)	9, 827	283	2.0	1.6	15.0
55 to 64 years.....	6, 344	318	5.0	(1)	(1)	7, 232	265	3.7	2.5	16.5
65 years and over.....	5, 005	348	7.0	(1)	(1)	6, 770	469	6.9	5.3	28.3
Urban.....	30, 851	590	1.9	(1)	(1)	35, 480	629	1.8	1.2	6.3
Rural nonfarm.....	10, 776	809	2.9	(1)	(1)	15, 306	426	2.8	2.0	14.3
Rural farm.....	10, 107	659	6.5	(1)	(1)	7, 592	425	5.6	3.6	18.9
Female, 14 and over.....	54, 693	1, 280	2.3	1.7	8.2	62, 995	1, 139	1.8	1.4	5.4
14 to 24 years.....	12, 550	74	0.6	(1)	(1)	13, 055	44	0.3	0.3	0.7
25 to 34 years.....	11, 754	118	1.0	(1)	(1)	11, 630	103	0.9	0.6	3.4
35 to 44 years.....	10, 181	158	1.6	(1)	(1)	12, 027	109	0.9	0.6	3.5
45 to 54 years.....	8, 390	225	2.7	(1)	(1)	10, 308	159	1.5	1.1	5.8
55 to 64 years.....	6, 308	344	5.5	(1)	(1)	7, 838	222	2.8	2.2	9.6
65 years and over.....	5, 510	361	6.6	(1)	(1)	8, 137	502	6.2	5.0	23.0
Urban.....	34, 049	677	2.0	(1)	(1)	40, 119	666	1.7	1.4	3.8
Rural nonfarm.....	11, 250	230	2.0	(1)	(1)	15, 909	271	1.7	1.2	8.8
Rural farm.....	9, 395	373	4.0	(1)	(1)	6, 967	202	2.9	1.9	9.4

<sup>1</sup> Not available.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, Nos. 45 and 99.

**No. 154. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—SUMMARY: 1900 TO 1960**  
 [Beginning 1958, includes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1967*, series H 223-231, H 234-240, and H 246-261]

ITEM	1900	1920	1940	1950	1958	1960
<b>ENROLLMENT (DAY SCHOOLS ONLY)</b>						
Total population <sup>1</sup> .....1,000..	75,995	104,512	130,880	148,665	170,205	170,323
Population 5-17 years, inclusive <sup>1</sup> .....do..	21,573	27,556	30,150	30,168	40,164	43,881
Percent of total population.....	28.4	26.4	23.0	20.3	23.6	24.5
Pupils enrolled.....1,000..	15,503	21,578	25,434	25,111	33,695	36,087
Percent of total population.....	20.4	20.6	19.4	16.9	19.7	20.1
Percent of population 5-17, inclusive.....	71.9	78.3	84.4	83.2	83.5	82.2
Average daily attendance.....1,000..	10,633	16,150	22,042	22,284	29,722	32,477
Percent of pupils enrolled.....	68.6	74.8	86.7	88.7	88.6	90.0
Average length of term in days.....	144.3	161.9	175.0	177.9	177.6	178.0
Average number of days attended per enrolled pupil.....	99.0	121.2	151.7	157.9	157.4	160.2
<b>INSTRUCTIONAL STAFF (DAY SCHOOLS ONLY)</b>						
Total.....1,000..		678	912	962	1,340	1,464
Classroom teachers <sup>2</sup> .....do..	423	657	875	914	1,267	1,387
Male.....do..	127	93	195	195	342	402
Percent.....	29.9	14.1	22.2	21.3	27.0	29.0
Female.....1,000..	296	565	681	719	925	985
Principals.....do..		14	32	39	59	64
Supervisors or consultants.....do..		7	5	9	14	14
<b>REVENUE</b>						
Total.....mil. dol..	220	970	2,261	5,437	12,239	14,747
State taxes and appropriations.....do..	38	134	659	2,123	4,621	5,459
Intermediate and local taxes and appropriations.....do..	149	759	1,490	2,901	6,659	8,032
All other sources.....do..	32	77	111	414	959	1,256
<b>EXPENDITURE</b>						
Total.....do..	215	1,036	2,344	5,838	13,624	15,613
Current expenditure for day schools <sup>3</sup> .....do..	180	861	1,942	4,687	10,301	12,329
Other current expenditure <sup>4</sup> .....do..		3	13	36	123	133
Capital outlay.....do..	35	154	258	1,014	2,857	2,662
Interest.....do..		18	131	101	343	490
<b>In current dollars:</b>						
Total expenditure:						
Salaries of total instructional staff.....do..	138	590	1,314	2,896	6,401	7,671
Average annual salary per member.....dollars.....	325	871	1,441	3,010	4,702	5,174
Per capita of total population.....do..	2.83	9.91	17.91	30.27	79.68	87.07
Per pupil in average daily attendance in day schools <sup>5</sup> .....do..	20.21	64.16	105.74	258.85	448.62	472.17
Current expenditure per pupil in average daily attendance in day schools <sup>6</sup> .....do..	7 16.67	53.32	88.09	208.83	341.14	375.42
<b>In 1960 dollars:</b>						
Total expenditure:						
Average annual salary per member of total instructional staff.....do..		1,343	3,030	3,735	4,834	5,174
Per capita of total population.....do..		15.28	37.66	48.72	81.91	87.07
Per pupil in average daily attendance in day schools <sup>5</sup> .....do..		98.90	222.37	321.16	461.18	472.17
Current expenditure per pupil in average daily attendance in day schools <sup>6</sup> .....do..		82.10	185.25	259.10	350.60	375.42

<sup>1</sup> For 1900, enumerated population as of June 1; for 1960, enumerated population as of April 1; for all other years, estimated as of July 1 of preceding year (1919, 1939, etc.). Excludes Armed Forces abroad.

<sup>2</sup> Includes librarians and other nonsupervisory instructional staff. Prior to 1940, figures represent number of persons employed rather than number of positions.

<sup>3</sup> Through 1950, includes community services.

<sup>4</sup> Comprises summer schools, community colleges, adult education, and, beginning 1958, community services.

<sup>5</sup> Based on current expenditure allocable to pupil costs, capital outlay, and interest.

<sup>6</sup> Based on expenditure allocable to pupil costs.

<sup>7</sup> Includes interest.

Sources (except for population statistics): Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapters on Statistics of State School Systems; and *Statistics of State School Systems, 1969-1960*.

# No. 155. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—ENROLLMENT, BY GRADE: 1940 TO 1960

[In thousands. Beginning 1958, includes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series H 224-227]

SCHOOL AND GRADE	1940	1950	1952	1954	1956	1957	1958	1959	1960
Pupils enrolled.....	25,434	25,111	26,563	28,836	31,163	132,334	33,695	34,974	36,087
Kindergarten and grades 1 to 8.....	18,832	19,387	20,681	22,546	24,290	25,016	25,800	26,684	27,602
Kindergarten.....	595	1,034	1,272	1,474	1,564	1,675	1,786	1,846	1,923
First.....	3,018	3,170	2,957	3,065	3,495	3,491	3,604	3,692	3,733
Second.....	2,538	2,645	2,670	2,940	3,242	3,241	3,230	3,358	3,436
Third.....	2,332	2,390	2,718	2,559	3,291	3,133	3,132	3,191	3,302
Fourth.....	2,322	2,254	2,559	2,555	2,548	3,238	3,143	3,153	3,146
Fifth.....	2,248	2,151	2,320	2,607	2,481	2,808	3,196	3,111	3,118
Sixth.....	2,170	2,056	2,166	2,449	2,470	2,443	2,772	3,147	3,070
Seventh.....	2,108	1,947	2,083	2,242	2,542	2,476	2,470	2,796	3,173
Eighth.....	1,701	1,734	1,930	2,032	2,357	2,400	2,407	2,391	2,701
Grades 9 to 12 and post-graduates.....	6,601	5,725	5,882	6,290	6,873	7,318	7,895	8,290	8,485
Ninth year.....	2,011	1,701	1,820	1,944	2,143	2,308	2,480	2,422	2,412
Tenth year.....	1,767	1,513	1,582	1,717	1,849	1,974	2,203	2,327	2,258
Eleventh year.....	1,486	1,275	1,338	1,412	1,543	1,615	1,744	1,902	2,093
Twelfth year.....	1,282	1,184	1,111	1,190	1,326	1,349	1,438	1,544	1,747
Postgraduate.....	55	42	31	27	13	13	20	30	4

<sup>1</sup> Total elementary and high school enrollments taken from special studies. Grade distribution is estimated.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapter on Statistics of State School Systems; *Statistics of State School Systems, 1958-59*, and *Statistics of State School Systems, 1959-60*.

# No. 156. SPECIAL SCHOOLS AND CLASSES FOR EXCEPTIONAL CHILDREN—ENROLLMENT, BY TYPE OF CHILD: 1948, 1953, AND 1958

[1948 and 1953 data are for school years 1947-48 and 1952-53; 1958 data are as of February. Excludes Alaska and Hawaii. Covers public elementary and secondary day schools. Excludes data for truant, delinquent, and maladjusted children; home- and hospital-bound children; and exceptional children enrolled in residential schools]

TYPE	1948			1953			1958		
	States reporting	Systems reporting	Enrollment	States reporting	Systems reporting	Enrollment	States reporting	Systems reporting	Number of pupils
Total.....	149	2973	338,129	149	21,785	497,216	149	23,641	389,560
Mentally retarded:									
Upper range <sup>1</sup> .....	46	714	87,030	48	1,244	113,565	49	2,869	205,245
Middle range <sup>2</sup> .....							47	999	16,799
Speech impaired.....	40	450	182,308	49	1,087	306,747	49	1,617	480,644
Crippled.....	36	269	14,510	45	596	17,813	48	1,408	20,339
Hard-of-hearing.....	34	256	10,445	46	497	11,932	47	607	13,150
Partially seeing.....	33	239	7,656	39	408	8,014	46	498	8,643
Special health problems <sup>3</sup> .....	23	103	11,425	40	330	11,455	48	1,190	23,077
Deaf.....	29	102	3,514	34	185	3,935	40	335	6,473
Blind.....	13	31	529	19	67	839	30	340	2,898
Mentally gifted.....	9	14	20,712	15	27	22,916	38	240	52,209
Socially and emotionally maladjusted.....							47	478	28,622

<sup>1</sup> Includes District of Columbia.

<sup>2</sup> Total number of different school systems reporting a program for one or more of the specified types of exceptional children; not the sum of the figures reported in the column.

<sup>3</sup> Includes 13,401 pupils not reported in separate categories of exceptionality.

<sup>4</sup> Approximately 50-75 I.Q.

<sup>5</sup> Approximately 25-50 I.Q.

<sup>6</sup> Not reported in the 1947-48 survey. Figures for 1948 are the sums of those for "delicate" and "epileptic."

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapter on Statistics of Special Education for Exceptional Children.

# No. 157. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—REVENUE, BY SOURCE OF FUNDS: 1940 TO 1960

[In millions of dollars, except percent. Beginning 1958, includes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series H 246-251]

SCHOOL YEAR	Total revenue for public schools	FEDERAL		STATE <sup>1</sup>		INTERMEDIATE AND LOCAL SOURCES <sup>2</sup>	
		Amount	Percent	Amount	Percent	Amount	Percent
1940.....	2,261	40	1.76	684	30.27	1,536	67.96
1942.....	2,417	34	1.42	760	31.45	1,622	67.13
1944.....	2,604	36	1.38	859	32.99	1,709	65.63
1946.....	3,090	41	1.35	1,062	34.71	1,986	63.94
1948.....	4,312	120	2.79	1,476	38.88	2,515	58.33
1950.....	5,437	156	2.87	2,166	39.83	3,116	57.30
1952.....	6,424	228	3.54	2,479	38.58	3,718	57.87
1954.....	7,867	355	4.52	2,944	37.42	4,568	58.06
1956.....	9,687	441	4.56	3,829	39.53	5,416	55.92
1958.....	12,239	496	4.05	4,811	39.31	6,932	56.64
1960.....	14,747	652	4.42	5,768	39.11	8,327	56.47

<sup>1</sup> Includes receipts from State and permanent funds and endowments, and other cash and noncash receipts from State sources.

<sup>2</sup> Includes receipts from gifts and from tuition and transportation fees from patrons.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapter on Statistics of State School Systems; and *Statistics of State School Systems 1959*.

# No. 158. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—EXPENDITURE, BY PURPOSE: 1950 TO 1960

Beginning 1958, includes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series H 252-261]

PURPOSE	1950		1956		1958		1960	
	Total (\$1,000)	Per cent	Total (\$1,000)	Per cent	Total (\$1,000)	Per cent	Total (\$1,000)	Per cent
Total expenditure, all schools.....	5,837,643	100.0	10,955,047	100.0	13,624,190	100.0	15,613,255	100.0
Total current expenditure, all schools.....	4,722,888	80.9	8,362,162	76.2	10,424,145	76.5	12,461,955	79.8
Current expenditure for day schools.....	4,687,274	80.3	8,251,420	75.3	10,301,367	75.6	12,329,380	79.0
Administration.....	220,050	3.8	372,956	3.4	445,001	3.3	528,408	3.4
Instruction <sup>1</sup> .....	3,112,340	53.3	5,501,921	50.2	6,936,240	50.9	8,350,738	53.5
Plant operation.....	427,587	7.3	752,739	6.9	928,281	6.8	1,085,036	6.9
Plant maintenance.....	214,164	3.7	319,560	2.9	380,491	2.8	422,586	2.7
Fixed charges.....	261,469	4.5	531,393	4.9	717,655	5.3	900,323	5.8
Other school services <sup>2</sup> .....	451,063	7.7	772,851	7.1	893,699	6.6	1,033,297	6.6
Other current expenditure <sup>3</sup> .....	35,614	0.6	100,743	0.9	122,778	0.9	132,567	0.8
Capital outlay.....	1,014,176	17.4	2,387,187	21.8	2,857,065	21.0	2,661,786	17.0
Interest.....	100,578	1.7	215,699	2.0	342,981	2.5	489,514	3.1

<sup>1</sup> Includes salaries of clerical assistants, free textbooks, school library books, and supplies.

<sup>2</sup> For 1950, items included under "other school services" were listed under "auxiliary services," a more comprehensive classification which also included community services.

<sup>3</sup> Comprises current expenditures for summer schools, adult education, community colleges, and, beginning 1958, community services.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapter on Statistics of State School Systems; and *Statistics of State School Systems, 1959*.

# No. 159. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—ENROLLMENT, TEACHERS, AND SCHOOLROOMS, BY STATES: FALL 1961

[Enrollment data, compiled in the fall, are not directly comparable with the cumulative statistics on enrollment which, in *Biennial Survey of Education in the United States*, are given for an entire school year. Except as noted, schools are classified by type of organization, rather than by grade-group; elementary includes kindergarten and secondary includes junior high schools]

STATE	PUPILS ENROLLED (1,000)		CLASSROOM TEACHERS				PUPILS IN EXCESS OF NORMAL CAPACITY OF SCHOOL PLANTS IN USE		INSTRUCTION ROOMS	
			Total <sup>1</sup>		Teaching under substandard credentials				Addi- tional needed	Sched- uled for com- pletion during fiscal 1962
	Elemen- tary	Second- ary	Elemen- tary	Second- ary	Elemen- tary	Second- ary	Elemen- tary	Second- ary		
U.S.	24,686	12,818	870,631	592,228	64,464	25,233	962,934	730,928	127,165	62,737
N.E.	1,270	671	47,046	33,764	2,198	1,542	46,751	36,443	5,036	3,097
Maine <sup>2</sup>	157	50	5,813	2,718	270	86	8,339	5,176	856	420
N.H.	74	37	2,813	1,850	113	70	2,825	1,883	245	179
Vt.	63	23	2,155	1,239	151	103	3,411	1,871	315	83
Mass.	557	354	21,004	17,104	410	488	16,720	19,506	2,382	1,462
R.I. <sup>3</sup>	79	58	2,887	2,606	154	195	2,074	2,067	297	62
Conn.	350	149	12,374	8,157	1,100	600	13,382	5,340	941	801
M.A.	3,540	2,405	131,849	118,071	8,231	5,965	169,566	157,022	24,384	8,517
N.Y. <sup>3</sup>	1,659	1,184	64,039	58,946	2,674	3,517	93,125	77,338	13,599	4,320
N.J.	738	365	27,805	20,879	5,010	1,595	42,980	36,384	3,902	2,228
Pa.	1,143	856	39,415	38,246	547	853	33,455	43,300	6,883	1,069
E.N.C.	4,878	2,421	181,537	104,996	18,768	2,959	150,593	65,467	21,197	12,448
Ohio	1,323	684	45,318	29,960	3,880	1,290	34,136	13,809	3,096	3,581
Ind.	659	351	23,999	12,764	2,250	450	6,188	3,812	1,262	1,620
Ill.	1,204	516	53,110	23,277	5,298	602	77,815	16,622	7,409	2,386
Mich.	1,070	656	38,372	27,787	6,540	417	30,000	21,900	7,023	3,450
Wis.	532	214	20,738	11,208	800	200	11,390	9,314	1,507	1,411
W.N.C.	2,174	1,021	82,959	54,758	2,002	695	62,584	89,045	11,817	4,607
Minn.	414	295	15,157	14,224	425	102	15,004	12,459	2,126	992
Iowa	376	213	14,980	11,641	200	80	4,500	7,500	620	500
Mo. <sup>2</sup>	634	205	21,035	9,859	49	87	174	37,830	3,601	1,643
N. Dak.	99	40	4,425	2,432			3,383	1,776	704	310
S. Dak.	104	49	5,239	2,720	869	303	6,097	3,120	653	287
Neb.	190	102	8,508	5,322	459	123	11,626	8,160	1,600	407
Kans.	357	117	13,525	8,560			21,000	18,200	2,513	408
S.A.	3,830	2,043	130,303	86,202	10,251	3,663	217,095	182,535	23,697	8,580
Del.	50	37	1,999	1,876	400	90	1,774	1,008	167	86
Md.	370	205	12,857	12,072	4,377	2,075	33,828	32,445	2,952	1,240
D.C.	84	44	2,068	1,861	970	510	11,495	4,214	786	84
Va.	592	282	20,328	13,486	1,765	292	33,576	27,444	3,943	1,890
W. Va.	261	176	9,348	6,898	856	285	6,147	13,653	1,761	329
N.C.	844	282	28,045	10,968	1,148	206	42,398	10,865	4,026	1,616
S.C.	379	219	12,286	8,984	11	26	13,788	17,340	1,895	440
Ga. <sup>4</sup>	652	306	21,032	12,070	428	164	35,003	27,249	3,464	884
Fla.	598	432	21,377	17,987	206	15	38,486	39,317	4,703	2,002
E.S.C.	1,846	955	60,632	38,000	4,620	1,800	107,248	73,425	16,036	4,512
Ky.	447	178	15,475	8,260	2,141	337	22,786	9,074	7,374	1,100
Tenn.	585	260	19,520	10,073	860	215	17,520	10,967	1,918	1,000
Ala. <sup>3</sup>	457	330	14,684	11,613	1,199	873	52,562	47,400	5,166	1,530
Miss.	357	197	10,973	8,054	420	375	14,380	5,084	1,578	882
W.S.C.	2,352	1,076	88,787	60,670	6,374	3,974	86,856	44,501	12,066	6,344
Ark. <sup>3</sup>	241	190	8,557	6,896	1,559	389	10,169	10,055	2,696	306
La.	560	166	16,115	11,003	1,020	480	10,000	5,500	1,875	1,170
Okla.	336	215	12,155	9,200			16,000	4,000	3,100	1,000
Tex. <sup>2</sup>	1,715	505	51,960	33,571	3,795	3,105	60,687	24,946	4,395	3,868
Mt.	1,984	617	40,994	27,944	1,979	842	52,808	48,973	6,207	2,828
Mont.	101	48	4,810	2,151	84	5	2,655	3,540	441	266
Idaho	91	73	3,422	3,471	1,053	583	5,281	4,014	708	135
Wyo. <sup>3</sup>	49	33	2,329	1,829	361	108	756	250	182	180
Colo.	251	164	9,666	8,097	214	59	14,591	10,789	1,609	405
N. Mex. <sup>3</sup>	185	94	5,028	4,094	14	5	6,358	6,855	846	325
Ariz. <sup>3</sup>	265	79	9,004	3,038	67	5	9,000	14,375	1,215	720
Utah.	146	101	4,910	4,109	186	77	12,154	6,228	928	541
Nev.	46	25	1,825	1,155			2,013	2,913	278	256
Pac.	3,211	1,603	107,004	67,823	10,441	3,793	60,494	33,527	6,725	11,894
Wash.	403	257	14,950	10,850	900	260	11,771	21,943	2,285	1,015
Oreg.	272	127	10,858	6,878	1,085	50	4,101	2,908	729	500
Calif.	2,410	1,150	76,750	47,600	8,000	3,500	37,120	5,966	3,000	10,000
Alaska	38	9	1,442	595	42	18	4,881	649	361	126
Hawaii <sup>3</sup>	88	60	3,404	2,000	13	25	2,621	2,061	350	253

<sup>1</sup> Excludes supervisors, principals, librarians, etc.

<sup>2</sup> Reported by grade group; kindergarten through grade 8 for elementary and grades 9-12 for secondary.

<sup>3</sup> Reported by grade group; kindergarten through grade 6 for elementary and grades 7-12 for secondary.

<sup>4</sup> Includes counselors and librarians. Data for 1960-61 school year.

<sup>5</sup> Reported by grade group; kindergarten through grade 7 for elementary and grades 8-12 for secondary.

Source: Department of Health, Education, and Welfare, Office of Education; *Fall 1961 Statistics on Enrollment, Teachers, and Schoolhousing*, Circular No. 676.

# No. 160. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—ENROLLMENT, BY STATES AND FOR OTHER AREAS: 1930 to 1960

[In thousands. See also table 150]

STATE OR OTHER AREA	1930		1940		1950		1959		1960	
	Elementary <sup>1</sup>	Secondary <sup>2</sup>	Elementary <sup>1</sup>	Secondary <sup>2</sup>	Elementary <sup>1</sup>	Secondary <sup>2</sup>	Elementary <sup>1</sup>	Secondary <sup>2</sup>	Elementary <sup>1</sup>	Secondary <sup>2</sup>
United States.....	21,347	4,407	18,907	6,625	19,464	5,752	26,684	8,290	27,021	8,485
New England.....	1,194	298	990	410	962	331	1,345	436	1,399	445
Maine.....	124	30	124	40	124	34	147	43	152	43
New Hampshire.....	60	14	54	22	53	18	78	24	81	25
Vermont.....	54	12	51	14	49	12	59	16	57	16
Massachusetts.....	594	165	481	219	464	178	621	218	643	218
Rhode Island.....	101	17	84	31	71	25	98	32	101	33
Connecticut.....	260	59	198	85	210	63	342	103	366	111
Middle Atlantic.....	4,028	843	3,324	1,472	3,095	1,128	4,235	1,447	4,342	1,466
New York.....	1,717	425	1,515	712	1,458	540	2,006	687	2,126	703
New Jersey.....	672	120	503	214	495	180	762	244	706	255
Pennsylvania.....	1,639	298	1,306	546	1,142	408	1,407	516	1,419	508
East North Central.....	3,897	979	3,248	1,392	3,478	1,132	5,089	1,634	5,337	1,670
Ohio.....	1,012	266	842	372	917	286	1,392	429	1,470	436
Indiana.....	523	144	474	197	524	166	729	234	762	237
Illinois.....	1,095	301	873	376	871	283	1,204	422	1,356	432
Michigan.....	800	162	683	287	810	260	1,184	364	1,263	372
Wisconsin.....	458	106	376	160	356	138	400	185	505	104
West North Central.....	2,284	570	1,917	728	1,828	584	2,319	765	2,384	788
Minnesota.....	453	99	365	147	359	123	481	170	504	178
Iowa.....	437	117	364	139	365	113	446	141	457	141
Missouri.....	524	132	425	176	409	145	610	195	625	196
North Dakota.....	140	30	106	34	88	27	99	25	101	36
South Dakota.....	134	31	98	38	80	20	112	36	110	37
Nebraska.....	256	69	195	81	168	60	211	67	216	67
Kansas.....	340	92	264	112	261	87	300	112	366	113
South Atlantic.....	3,271	484	3,120	804	3,251	899	4,370	1,241	4,473	1,287
Delaware.....	35	7	32	12	35	11	59	18	62	19
Maryland.....	235	42	219	68	270	65	438	132	457	139
District of Columbia.....	65	16	71	25	75	22	94	23	97	26
Virginia.....	489	74	454	114	480	118	650	172	683	178
West Virginia.....	347	49	361	92	349	90	355	112	352	100
North Carolina.....	750	117	684	202	704	181	830	257	844	261
South Carolina.....	416	53	395	87	415	79	476	125	482	128
Georgia.....	633	81	612	126	571	147	743	191	748	201
Florida.....	301	45	292	77	353	97	725	211	708	225
East South Central.....	2,189	246	2,155	379	2,009	421	2,173	611	2,185	610
Kentucky.....	526	62	507	97	497	96	490	137	496	135
Tennessee.....	568	70	540	108	539	120	620	182	609	182
Alabama.....	502	61	486	100	456	124	598	178	609	179
Mississippi.....	543	62	521	73	447	81	459	114	452	115
West South Central.....	2,437	444	2,226	653	2,147	539	2,788	825	2,876	843
Arkansas.....	410	46	392	73	329	78	323	99	324	100
Louisiana.....	377	58	374	99	400	84	527	147	542	151
Oklahoma.....	573	104	472	140	340	101	386	139	395	139
Texas.....	1,072	236	987	341	1,078	276	1,552	440	1,615	454
Mountain.....	728	171	671	235	761	223	1,185	358	1,247	372
Montana.....	96	25	75	32	80	26	105	35	109	36
Idaho.....	94	27	87	34	91	31	117	42	120	42
Wyoming.....	43	11	40	16	46	14	59	18	62	19
Colorado.....	197	43	163	58	177	52	295	82	300	85
New Mexico.....	89	13	109	23	121	27	172	50	180	51
Arizona.....	89	15	88	22	112	28	220	62	236	67
Utah.....	105	33	93	43	115	39	168	56	178	58
Nevada.....	14	4	15	6	20	6	48	13	62	14
Pacific.....	1,319	373	1,256	552	1,933	585	3,179	968	3,353	1,023
Washington.....	259	85	226	106	309	92	450	146	453	156
Oregon.....	155	48	128	61	189	66	276	97	289	100
California.....	837	232	828	362	1,358	399	2,316	686	2,473	726
Alaska.....	3	1	5	2	12	2	34	7	37	8
Hawaii.....	65	7	70	22	65	25	103	32	106	33
Puerto Rico.....	214	7	270	16	362	48	486	83	486	88
American Samoa.....	2		3	( )	3	1	5	1	5	1
Canal Zone.....	6	1	6	1	8	2	8	8	9	3
Guam.....	4	(5)	5	(6)	(5)	(5)	11	2	12	2

<sup>1</sup> Kindergarten through grade 8. <sup>2</sup> Grades 9 through 12 and postgraduates; 1930 data include secondary pupils in local normal and vocational schools.

<sup>3</sup> Enrollment not cumulative, but as of a specific date. <sup>4</sup> Excludes vocational schools. <sup>5</sup> Less than 500 pupils.

<sup>6</sup> Not available.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapters on Statistics of State School Systems; and *Statistics of State School Systems, 1950*.

**No. 161. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—ENROLLMENT, ATTENDANCE, AND HIGH SCHOOL GRADUATES, BY STATES AND FOR OTHER AREAS: 1959 AND 1960**  
 [Includes data for kindergartens. Excludes data for residential schools for exceptional children, observation and practice schools, preparatory departments of colleges and universities, Federal schools for Indians, and Federal schools on Federal installations]

STATE OR OTHER AREA	1959				1960 <sup>1</sup>			
	Enrollment (1,000)	Average daily attendance (1,000)	Percent of pupils enrolled attending daily	High school graduates	Enrollment (1,000)	Average daily attendance (1,000)	Percent of pupils enrolled attending daily	High school graduates
<b>United States</b> .....	34,974	31,346	89.6	1,441,115	36,087	32,477	90.0	1,627,050
<b>New England</b> .....	1,782	1,610	90.3	75,094	1,845	1,684	91.3	92,475
Maine.....	190	175	92.3	7,317	195	182	93.2	8,304
New Hampshire.....	102	91	89.7	4,311	106	96	90.3	4,947
Vermont.....	75	69	91.6	2,098	73	70	96.4	3,175
Massachusetts.....	840	763	89.7	37,125	861	793	92.2	47,599
Rhode Island.....	1130	1113	98.3	5,140	133	118	88.3	6,250
Connecticut.....	445	409	91.8	18,203	477	425	89.1	23,200
<b>Middle Atlantic</b> .....	5,683	4,984	87.7	248,882	5,808	5,195	89.4	294,088
New York.....	2,753	2,360	86.1	113,280	2,820	2,464	87.1	134,471
New Jersey.....	1,007	882	87.6	41,781	1,051	942	89.7	52,442
Pennsylvania.....	1,923	1,733	90.1	93,821	1,928	1,780	92.8	107,175
<b>East North Central</b> .....	6,724	6,017	89.5	293,948	7,007	6,184	88.3	332,288
Ohio.....	1,821	1,672	91.8	77,375	1,906	1,734	91.0	89,024
Indiana.....	964	839	87.0	42,652	980	863	87.2	46,914
Illinois.....	1,715	1,481	86.3	72,133	1,788	1,514	84.7	82,022
Michigan.....	1,549	1,429	92.3	65,255	1,625	1,458	89.7	74,424
Wisconsin.....	<sup>2</sup> 675	<sup>3</sup> 606	88.3	<sup>4</sup> 36,631	699	<sup>5</sup> 616	88.3	<sup>6</sup> 40,004
<b>West North Central</b> .....	3,084	2,740	88.8	146,063	3,162	2,835	89.9	156,459
Minnesota.....	660	605	91.7	34,069	682	627	92.0	38,996
Iowa.....	586	524	89.4	<sup>7</sup> 27,063	608	538	88.9	<sup>8</sup> 29,008
Missouri.....	805	685	85.0	35,043	821	705	85.9	30,797
North Dakota.....	134	122	90.0	6,901	137	126	92.2	<sup>9</sup> 7,828
South Dakota.....	149	133	89.4	7,128	164	138	89.0	<sup>10</sup> 7,682
Nebraska.....	278	255	91.7	13,484	283	260	92.0	14,847
Kansas.....	472	416	88.1	20,420	479	441	92.1	<sup>11</sup> 21,500
<b>South Atlantic</b> .....	5,612	4,981	88.8	200,100	5,760	5,116	88.8	221,948
Delaware.....	<sup>12</sup> 77	<sup>13</sup> 69	89.8	3,053	81	<sup>14</sup> 73	90.7	3,490
Maryland.....	571	508	89.0	20,462	596	534	89.5	23,854
District of Columbia.....	117	102	86.0	3,620	122	106	86.4	8,593
Virginia.....	822	737	89.6	26,542	842	766	89.9	30,262
West Virginia.....	467	427	91.3	20,291	490	421	91.3	21,788
North Carolina.....	1,087	991	91.2	42,795	1,105	1,003	90.8	45,271
South Carolina.....	601	524	87.2	<sup>15</sup> 20,234	610	531	87.1	22,291
Georgia.....	934	808	86.5	31,152	949	821	86.5	34,127
Florida.....	930	815	87.1	32,051	993	871	87.6	37,296
<b>East South Central</b> .....	2,783	2,459	88.4	103,094	2,795	2,497	89.3	108,667
Kentucky.....	635	564	88.7	22,068	631	567	89.7	24,011
Tennessee.....	802	724	90.2	30,526	810	736	90.8	32,593
Alabama.....	776	693	90.0	<sup>16</sup> 30,000	787	709	90.1	31,690
Mississippi.....	570	473	83.0	<sup>17</sup> 19,000	566	486	85.8	10,473
<b>West South Central</b> .....	3,613	3,198	87.4	139,893	3,719	3,300	88.7	148,126
Arkansas.....	422	369	87.4	17,803	424	373	87.8	18,010
Louisiana.....	674	602	89.3	24,329	693	619	89.4	26,238
Oklahoma.....	825	476	90.7	25,846	834	486	90.9	26,478
Texas.....	<sup>18</sup> 1,992	<sup>19</sup> 1,751	87.9	71,855	2,068	1,822	88.1	76,500
<b>Mountain</b> .....	1,545	1,362	88.2	60,155	1,619	1,428	88.2	66,946
Montana.....	141	120	91.5	6,343	145	132	90.8	6,074
Idaho.....	159	144	90.8	7,495	163	147	90.6	8,179
Wyoming.....	77	68	87.5	3,312	81	71	87.7	3,759
Colorado.....	378	327	86.5	14,361	394	345	87.7	15,848
New Mexico.....	221	194	87.8	7,596	231	202	87.6	8,211
Arizona.....	282	242	85.7	8,013	303	258	85.2	10,496
Utah.....	225	206	91.5	10,100	236	216	91.7	11,270
Nevada.....	62	52	83.7	2,040	66	55	83.1	2,209
<b>Pacific</b> .....	4,147	3,998	96.4	173,886	4,380	4,237	96.7	206,053
Washington.....	596	567	93.5	25,537	600	590	93.4	29,095
Oregon.....	373	330	88.3	17,144	383	345	88.8	20,105
California.....	3,002	<sup>20</sup> 2,951	<sup>21</sup> 98.3	124,002	3,190	<sup>22</sup> 3,155	<sup>23</sup> 98.6	148,871
Alaska.....	41	34	84.0	944	44	38	85.0	1,095
Hawaii.....	135	126	93.6	5,050	139	131	93.9	6,287
<b>Puerto Rico</b> .....	569	506	88.9	11,820	573	512	89.3	12,057
<b>American Samoa</b> .....	5	—	—	77	5	( <sup>24</sup> )	( <sup>25</sup> )	62
<b>Canal Zone</b> .....	11	10	94.8	492	12	10	85.4	536
<b>Guam</b> .....	13	12	95.8	281	15	13	87.3	380
<b>Virgin Islands</b> .....	7	6	91.8	<sup>26</sup> 140	7	6	89.6	115

<sup>1</sup> Partially estimated. <sup>2</sup> Estimated. <sup>3</sup> Excludes data for vocational schools. <sup>4</sup> Includes persons granted high school equivalency certificates. <sup>5</sup> Includes an estimate for kindergarten. <sup>6</sup> In addition, 855 certificates issued to seniors not fully meeting requirements for a State diploma. <sup>7</sup> Includes "excused absences."

<sup>8</sup> Not available.

Source: Department of Health, Education, and Welfare, Office of Education: *Statistics of State School Systems, 1958-59*, and *Statistics of State School Systems, 1959-60*.



## No. 162. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—NUMBER AND SALARIES OF INSTRUCTIONAL STAFF, BY STATES AND FOR OTHER AREAS: 1958 AND 1960

[See also *Historical Statistics, Colonial Times to 1957*, series H 234-240]

STATE OR OTHER AREA	TOTAL INSTRUCTIONAL STAFF <sup>1</sup>		SALARIES OF TOTAL INSTRUCTIONAL STAFF			
	1958	1960	Total (\$1,000)		Average salary (dollars)	
			1958	1960	1958	1960
United States.....	1,339,800	1,464,031	6,400,559	7,671,250	4,703	5,174
<b>New England.....</b>	<b>74,316</b>	<b>79,309</b>	<b>347,862</b>	<b>431,213</b>	<b>4,681</b>	<b>5,360</b>
Maine.....	7,856	8,442	25,063	31,181	3,190	3,694
New Hampshire.....	4,041	4,450	10,029	10,820	3,967	4,455
Vermont.....	3,181	3,270	11,742	14,005	3,691	4,466
Massachusetts.....	35,711	37,104	170,770	<sup>2</sup> 212,584	4,782	<sup>2</sup> 5,545
Rhode Island.....	5,301	5,727	26,190	31,491	4,935	5,499
Connecticut.....	18,226	20,226	98,098	121,526	5,382	6,008
<b>Middle Atlantic.....</b>	<b>229,964</b>	<b>251,911</b>	<b>1,283,881</b>	<b>1,518,254</b>	<b>5,497</b>	<b>6,027</b>
New York.....	114,375	125,732	694,387	821,004	6,071	6,537
New Jersey.....	41,874	47,264	<sup>3</sup> 332,106	277,506	<sup>3</sup> 5,119	5,871
Pennsylvania.....	<sup>3</sup> 73,715	78,915	<sup>3</sup> 357,388	418,844	<sup>3</sup> 4,840	5,308
<b>East North Central.....</b>	<b>287,043</b>	<b>286,009</b>	<b>1,290,429</b>	<b>1,567,856</b>	<b>4,986</b>	<b>5,454</b>
Ohio.....	67,201	76,947	325,565	394,313	4,845	5,124
Indiana.....	34,038	37,805	167,601	200,505	4,836	5,542
Illinois.....	66,192	74,468	<sup>3</sup> 348,821	<sup>4</sup> 441,308	<sup>3</sup> 5,132	<sup>4</sup> 5,814
Michigan.....	60,205	65,502	320,239	370,367	5,310	5,654
Wisconsin.....	28,807	31,287	128,303	152,363	4,454	4,870
<b>West North Central.....</b>	<b>135,510</b>	<b>143,550</b>	<b>537,514</b>	<b>633,644</b>	<b>3,929</b>	<b>4,414</b>
Minnesota.....	27,272	29,589	120,956	156,077	4,655	5,275
Iowa.....	28,407	29,630	<sup>3</sup> 103,365	<sup>5</sup> 119,485	<sup>3</sup> 3,482	<sup>5</sup> 4,030
Missouri.....	29,511	31,810	121,859	144,301	4,129	4,536
North Dakota.....	7,114	7,709	<sup>3</sup> 23,939	28,483	<sup>3</sup> 3,365	3,995
South Dakota.....	8,066	8,018	26,114	20,867	3,238	3,725
Nebraska.....	14,011	14,345	47,692	55,005	3,404	3,876
Kansas.....	21,120	22,440	87,589	99,823	4,145	<sup>4</sup> 4,480
<b>South Atlantic.....</b>	<b>199,465</b>	<b>215,230</b>	<b>821,468</b>	<b>955,989</b>	<b>4,116</b>	<b>4,448</b>
Delaware.....	3,233	3,861	18,111	21,204	5,002	5,800
Maryland.....	20,883	23,691	104,183	131,045	4,980	5,557
District of Columbia.....	4,245	4,552	25,437	28,588	5,992	6,280
Virginia.....	30,366	32,098	<sup>3</sup> 116,677	140,998	<sup>3</sup> 3,829	4,312
West Virginia.....	16,980	17,340	61,737	68,529	3,034	3,952
North Carolina.....	37,788	39,333	145,936	164,344	3,862	4,178
South Carolina.....	21,110	21,142	67,775	72,636	3,209	3,450
Georgia.....	31,813	33,948	117,440	131,592	3,602	<sup>5</sup> 3,904
Florida.....	33,029	38,065	164,172	196,153	4,971	<sup>5</sup> 5,080
<b>East South Central.....</b>	<b>94,849</b>	<b>100,278</b>	<b>308,007</b>	<b>369,590</b>	<b>3,241</b>	<b>3,686</b>
Kentucky.....	23,689	24,758	<sup>3</sup> 73,652	82,377	<sup>3</sup> 3,102	3,327
Tennessee.....	27,264	28,631	<sup>3</sup> 95,049	113,670	<sup>3</sup> 3,471	3,929
Alabama.....	26,300	27,836	92,008	111,402	3,489	4,002
Mississippi.....	17,506	18,753	47,238	62,141	2,098	3,314
<b>West South Central.....</b>	<b>135,735</b>	<b>148,014</b>	<b>590,991</b>	<b>681,502</b>	<b>4,354</b>	<b>4,604</b>
Arkansas.....	14,699	15,256	46,655	50,255	3,174	3,295
Louisiana.....	24,117	26,865	112,246	133,730	4,654	4,978
Oklahoma.....	20,149	20,944	84,550	97,577	4,166	4,059
Texas.....	76,770	84,949	347,540	399,930	4,527	4,708
<b>Mountain.....</b>	<b>60,129</b>	<b>67,261</b>	<b>276,923</b>	<b>340,149</b>	<b>4,598</b>	<b>5,055</b>
Montana.....	7,215	7,215	<sup>3</sup> 28,339	32,021	<sup>3</sup> 3,875	<sup>4</sup> 4,425
Idaho.....	5,702	6,536	23,201	27,556	4,021	4,216
Wyoming.....	3,653	3,913	15,715	19,317	4,302	4,937
Colorado.....	14,988	16,031	66,806	84,006	4,457	4,997
New Mexico.....	8,052	8,893	40,573	47,866	5,039	5,382
Arizona.....	10,207	12,175	53,010	68,056	5,193	5,500
Utah.....	7,865	8,885	37,215	45,282	4,732	5,096
Nevada.....	2,357	2,713	11,974	15,445	5,080	5,093
<b>Pacific.....</b>	<b>152,789</b>	<b>172,469</b>	<b>943,482</b>	<b>1,173,050</b>	<b>5,741</b>	<b>6,318</b>
Washington.....	23,562	<sup>7</sup> 20,229	122,450	<sup>7</sup> 147,851	5,199	<sup>7</sup> 5,643
Oregon.....	15,742	17,217	79,144	95,304	<sup>3</sup> 5,028	5,535
California.....	107,027	122,156	<sup>3</sup> 769,506	890,252	<sup>3</sup> 6,010	<sup>6</sup> 6,606
Alaska.....	<sup>1</sup> 1,548	1,795	<sup>10</sup> 10,133	12,312	<sup>6</sup> 6,546	6,859
Hawaii.....	4,020	5,009	22,249	27,321	4,522	5,390
Puerto Rico.....	13,458	14,552	29,504	<sup>6</sup> 34,400	2,192	<sup>2</sup> 2,800
American Samoa.....	233	287	211	244	906	852
Canal Zone.....	378	413	2,148	2,492	5,082	6,034
Guam.....	489	590	1,853	2,423	3,788	4,107
Virgin Islands.....	218	242	688	824	3,157	3,497

<sup>1</sup> Comprises supervisors, principals, classroom teachers, and other nonsupervisory instructional staff.<sup>2</sup> Includes clerks. <sup>3</sup> Includes some personnel in addition to instructional staff.<sup>4</sup> Includes administrators. <sup>5</sup> Estimated by the Office of Education.<sup>6</sup> Excludes 239 kindergarten teachers. <sup>7</sup> Includes attendance personnel.<sup>8</sup> Excludes Federal schools for natives.Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States, 1956-58*, Chapter 2, *Statistics of State School Systems, 1957-58*; and *Statistics of State School Systems, 1959-60*.

# No. 163. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—ESTIMATED NUMBER AND AVERAGE SALARY OF CLASSROOM TEACHERS: 1953 TO 1961

[Beginning 1959, includes Alaska, and 1960, Hawaii]

YEAR	NUMBER OF TEACHERS			AVERAGE SALARY (dollars)			PERCENT DISTRIBUTION OF TEACHERS, BY SALARY GROUPS		
	Total	Elementary school	Secondary school	All teachers	Elementary school	Secondary school	Under \$3,500	\$3,500 to \$4,499	\$4,500 and over
1953-----	992,583	653,573	339,010	3,405	3,205	3,795	62.0	25.0	13.0
1954-----	1,032,138	657,520	374,618	3,605	3,425	3,980	55.8	26.6	17.6
1955-----	1,080,329	690,987	389,342	3,816	3,615	4,194	48.5	29.2	22.3
1956-----	1,133,093	722,800	410,203	4,000	3,800	4,350	42.6	31.4	26.0
1957-----	1,190,865	750,702	440,163	4,220	4,025	4,500	35.0	33.0	32.0
1958-----	1,237,943	778,414	459,529	4,520	4,325	4,840	25.6	33.5	40.9
1959-----	1,292,723	808,475	484,248	4,707	4,607	5,113	17.0	31.7	51.3
1960-----	1,353,955	827,875	525,180	4,995	4,815	5,275	12.8	29.7	57.5
1961-----	1,408,962	857,353	551,609	5,215	5,034	5,500	9.6	27.2	63.2

Source: National Education Association, Research Division; *Research Report, 1960—R 15, Estimates of School Statistics, 1960-61*, and office records.

# No. 164. NONPUBLIC REGULAR ELEMENTARY AND SECONDARY SCHOOLS—INSTRUCTIONAL STAFF AND ENROLLMENT, BY STATES AND FOR OTHER AREAS: 1958

[Includes data for kindergartens. Excludes data for private residential schools for exceptional children and subcollegiate departments of institutions of higher education. Estimated on basis of earlier surveys. See also *Historical Statistics, Colonial Times to 1957*, series H 228, for total enrollment excluding Alaska and Hawaii]

STATE OR OTHER AREA	In-structional staff	NUMBER OF PUPILS			STATE OR OTHER AREA	In-structional staff	NUMBER OF PUPILS		
		Total	Elementary <sup>1</sup>	Secondary <sup>2</sup>			Total	Elementary <sup>1</sup>	Secondary <sup>2</sup>
U.S.-----	164,616	5,256,780	4,318,888	937,892	Nev.-----	70	3,002	2,406	506
Ala.-----	950	28,400	21,300	7,100	N.H.-----	1,200	31,557	23,155	8,402
Alaska-----	105	1,665	1,374	281	N.J.-----	7,390	268,000	229,800	38,800
Ariz.-----	700	25,885	21,701	4,184	N. Mex.-----	602	23,004	20,347	3,257
Ark.-----	440	11,343	8,951	2,392	N.Y.-----	25,720	814,610	694,641	119,969
Calif.-----	10,330	302,045	248,341	53,704	N.C.-----	552	12,100	9,600	2,500
Colo.-----	1,400	36,000	29,600	6,400	N. Dak.-----	606	17,461	13,992	3,469
Conn.-----	3,432	63,329	70,951	22,378	Ohio-----	9,674	336,287	276,237	60,050
Del.-----	510	17,339	13,943	3,396	Okla.-----	600	17,020	13,600	3,420
D.C.-----	850	23,000	16,500	6,500	Oreg.-----	980	26,500	21,100	5,400
Fla.-----	2,295	50,856	36,008	14,788	Pa.-----	15,650	544,827	441,091	103,736
Ga.-----	830	17,900	11,500	6,400	R.I.-----	1,525	46,658	33,085	13,563
Hawaii-----	1,275	27,711	20,708	7,003	S.C.-----	566	12,400	10,900	1,500
Idaho-----	192	6,919	6,909	960	S. Dak.-----	532	15,000	12,700	2,300
Ill.-----	13,270	470,230	395,494	83,736	Tenn.-----	1,241	29,266	20,142	9,114
Ind.-----	2,040	119,650	102,453	17,197	Tex.-----	3,840	126,600	109,600	17,000
Iowa.-----	2,948	81,006	65,518	15,388	Utah-----	190	5,000	4,000	1,000
Kans.-----	1,552	44,916	37,538	7,378	Vt.-----	648	16,592	11,417	5,175
Ky.-----	2,337	74,732	58,488	16,244	Va.-----	1,920	47,000	35,000	12,000
La.-----	3,644	122,330	101,701	20,629	Wash.-----	1,540	45,835	40,599	5,266
Maine-----	1,262	33,725	23,121	10,604	W. Va.-----	558	14,730	10,658	4,072
Md.-----	3,964	114,836	97,758	17,078	Wis.-----	6,000	216,000	188,000	28,000
Mass.-----	8,280	229,487	184,789	44,748	Wyo.-----	128	3,950	3,600	350
Mich.-----	7,800	281,067	225,637	55,300	Puerto Rico <sup>3</sup>	1,533	52,845	39,584	13,261
Minn.-----	4,339	142,378	121,887	20,491	American Samoa-----	36	1,058	971	87
Miss.-----	690	17,176	13,175	4,001	Canal Zone-----	(4)	679	(5)	(5)
Mo.-----	4,100	131,000	107,000	24,000	Guam-----	(4)	3,184	2,463	671
Mont.-----	586	17,868	14,148	3,720	Virgin Islands-----	65	2,629	2,393	296
Nebr.-----	1,596	45,008	37,775	7,833					

<sup>1</sup> Kindergarten through grade 8. <sup>2</sup> Grades 9 through 12 and postgraduate. <sup>3</sup> Accredited schools only.

<sup>4</sup> Not available. <sup>5</sup> Distribution by grade group not available.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States, 1957-58*, Chapter 2, *Statistics of State School Systems*.

No. 165. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—ESTIMATED NUMBER AND AVERAGE SALARY OF CLASSROOM TEACHERS, BY STATES: 1961

STATE	NUMBER OF TEACHERS			AVERAGE SALARY (dollars)			PERCENT DISTRIBUTION OF TEACHERS, BY SALARY GROUPS					
	Total	Elementary school	Secondary school	All teachers	Elementary school	Secondary school	Under \$3,500	\$3,500 to \$4,499	\$4,500 to \$5,499	\$5,500 to \$6,499	\$6,500 and over	
U.S.-----	1,408,962	857,353	551,609	15,215	15,034	15,500	19.6	27.2	30.3	18.4	14.5	
Ala.-----	27,495	15,075	11,820	3,850	3,700	4,050	5.0	74.0	19.0	1.5	0.5	
Alaska-----	1,825	1,350	475	6,600	6,550	6,800	0.0	0.0	28.0	40.0	32.0	
Ariz.-----	12,188	9,121	3,067	5,700	5,500	6,325	0.0	10.0	38.0	37.0	15.0	
Ark.-----	14,495	8,017	6,478	3,550	3,390	3,764	60.0	37.0	3.0	0.0	0.0	
Calif.-----	119,250	74,500	44,750	6,700	6,400	7,150	0.0	0.0	25.0	25.0	50.0	
Colo.-----	16,400	9,300	7,100	5,175	5,040	5,350	2.0	29.0	40.0	22.0	7.0	
Conn.-----	19,350	11,750	7,600	5,900	5,800	6,050	0.0	20.0	20.0	33.0	18.0	
Del.-----	3,688	1,977	1,711	5,789	5,577	6,027	0.0	11.0	40.0	31.0	18.0	
D.C.-----	4,375	2,593	1,782	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	
Fla.-----	38,133	21,371	16,762	4,960	4,900	5,025	2.0	41.0	47.0	8.0	2.0	
Ga.-----	33,495	21,332	12,163	4,078	3,950	4,300	25.0	65.0	8.0	2.0	0.0	
Hawaii-----	4,900	2,900	2,000	5,550	5,550	5,550	0.0	14.0	36.0	45.0	5.0	
Idaho-----	6,300	3,500	2,800	4,400	4,160	4,700	9.0	53.0	31.0	6.0	1.0	
Ill.-----	72,114	49,108	23,006	5,725	5,450	6,350	1.0	19.0	32.0	20.0	28.0	
Ind.-----	36,335	21,801	14,534	6,618	5,400	5,940	1.0	15.0	41.0	25.0	18.0	
Iowa-----	26,264	14,903	11,361	4,582	4,183	5,243	25.0	39.0	30.0	5.0	1.0	
Kans.-----	20,813	12,740	8,073	4,575	4,250	5,000	14.0	53.0	25.0	6.0	2.0	
Ky.-----	23,499	15,730	7,769	4,069	3,930	4,350	40.0	54.0	6.0	0.0	0.0	
La.-----	26,598	15,956	10,642	4,975	4,900	5,100	9.0	28.0	36.0	21.0	6.0	
Maine-----	8,175	5,609	2,566	4,210	4,075	4,500	40.0	40.0	15.0	4.0	1.0	
Md.-----	23,520	12,305	11,215	5,080	5,050	5,710	1.1	16.4	28.1	27.5	26.9	
Mass.-----	35,470	20,540	14,930	5,500	5,400	5,600	0.0	16.0	38.0	32.0	14.0	
Mich.-----	64,576	37,500	27,076	5,925	5,825	6,075	0.0	20.0	33.0	30.0	17.0	
Minn.-----	28,750	15,400	13,350	5,325	5,100	5,590	1.0	22.0	34.0	22.0	21.0	
Miss.-----	18,000	10,610	7,381	3,415	3,175	3,775	65.0	28.0	7.0	0.0	0.0	
Mo.-----	31,020	21,280	9,740	4,675	4,550	5,000	20.0	30.0	32.0	13.0	5.0	
Mont.-----	6,879	4,479	2,400	4,080	4,375	5,250	12.0	30.0	35.0	17.0	6.0	
Nebr.-----	14,035	9,595	4,440	3,990	3,600	4,850	40.0	38.0	14.0	6.0	2.0	
Nev.-----	2,719	1,086	1,033	5,800	5,700	6,000	0.0	4.0	50.0	31.0	15.0	
N.H.-----	4,220	2,549	1,671	4,569	4,411	4,808	1.0	50.7	37.0	10.3	1.0	
N.J.-----	46,350	28,280	18,070	5,930	5,825	6,140	0.0	11.0	30.0	25.0	34.0	
N.Mex.-----	8,951	5,031	3,920	5,400	5,250	5,550	0.0	26.0	52.3	19.0	2.7	
N.Y.-----	120,100	66,100	54,000	6,200	6,100	6,350	0.0	12.0	28.0	28.0	31.0	
N.C.-----	37,458	26,911	10,547	4,100	4,080	4,150	26.0	62.0	9.0	3.0	0.0	
N.Dak.-----	6,030	4,500	2,130	3,800	3,400	4,000	40.0	25.0	30.0	4.0	1.0	
Ohio-----	75,575	42,350	33,225	5,307	5,155	5,990	2.0	20.0	50.0	20.0	8.0	
Okla.-----	20,690	11,720	8,970	4,765	4,730	4,780	4.0	40.0	51.0	5.0	0.0	
Oreg.-----	15,733	11,117	4,616	5,500	5,380	5,780	0.0	18.0	46.0	28.0	8.0	
Pa.-----	74,653	38,355	36,298	5,250	5,200	5,245	0.0	23.0	48.0	24.0	5.0	
R.I.-----	5,479	2,744	2,735	5,000	5,525	5,700	0.0	18.0	40.0	36.0	6.0	
S.C.-----	20,890	12,585	8,305	3,725	3,630	3,875	40.0	50.0	8.0	2.0	0.0	
S.Dak.-----	8,280	5,800	2,420	3,675	3,425	4,300	50.0	27.0	18.0	4.0	1.0	
Tenn.-----	27,381	19,881	7,500	4,065	3,940	4,390	42.0	38.0	17.0	3.0	0.0	
Tex.-----	81,410	54,930	26,480	4,490	4,410	4,650	9.0	45.0	28.5	16.0	1.5	
Utah-----	8,200	4,500	3,700	4,050	4,925	4,975	1.0	27.0	47.0	24.0	1.0	
Vt.-----	3,066	2,056	1,010	4,456	4,225	4,885	12.0	53.0	28.0	7.0	0.0	
Va.-----	31,100	19,300	11,800	4,300	4,200	4,500	30.0	40.0	20.0	8.0	2.0	
Wash.-----	24,100	14,310	9,790	5,510	5,400	5,600	0.0	25.0	30.0	30.0	15.0	
W.Va.-----	15,420	9,230	6,190	3,980	3,700	4,350	40.0	49.0	10.0	1.0	0.0	
Wis.-----	28,950	19,900	9,050	5,075	4,710	5,640	10.0	26.0	35.0	19.0	10.0	
Wyo.-----	3,665	2,507	1,158	4,953	4,800	5,233	5.0	25.0	45.0	20.0	6.0	

1 Includes data for District of Columbia.

2 Not available.

Source: National Education Association, Research Division; *Research Report, 1960—R 15, Estimates of School Statistics, 1960-61*, and office records.

# No. 166. PUBLIC SECONDARY SCHOOLS—NUMBER, ENROLLMENT, TEACHERS, AND PUPIL-TEACHER RATIOS, BY STATES: 1959

[Data are for regular 4-year, junior, senior, and junior-senior high schools, and cover grades 7-12. Excludes grades 7 and 8 of traditional elementary schools]

STATE	Number of schools	Enrollment	Class-room teachers	Pupil-teacher ratio <sup>1</sup>	STATE	Number of schools	Enrollment	Class-room teachers	Pupil-teacher ratio <sup>1</sup>
U.S. ....	24,284	11,105,419	487,577	22.7	Mo. ....	655	230,010	10,815	21.3
Ala. ....	837	263,555	10,387	25.4	Mont. ....	193	44,833	2,222	20.2
Alaska ..	36	7,700	383	20.0	Nebr. ....	455	79,655	4,391	18.1
Ariz. ....	110	67,504	2,950	22.9	Nev. ....	45	16,767	797	21.0
Ark. ....	569	158,026	6,216	25.4	N.H. ....	97	33,090	1,609	20.6
Calif. ....	816	910,338	36,642	24.8	N.J. ....	318	290,407	13,909	20.9
Colo. ....	355	121,990	5,809	21.0	N. Mex. ....	156	70,749	3,009	23.5
Conn. ....	180	137,018	6,491	21.1	N.Y. ....	978	834,432	30,590	21.1
Del. ....	54	28,462	1,381	20.6	N.C. ....	895	305,453	12,002	25.5
D.C. ....	39	35,832	1,717	20.9	N. Dak. ....	375	46,036	2,350	19.6
Fla. ....	515	324,410	13,340	24.4	Ohio. ....	1,175	598,138	25,418	23.5
Ga. ....	628	250,255	10,199	24.5	Okla. ....	810	197,638	8,603	23.0
Hawaii. ....	58	53,600	1,700	31.5	Oreg. ....	280	115,578	5,240	22.1
Idaho. ....	186	59,096	2,499	23.6	Pa. ....	997	731,512	31,614	23.1
Ill. ....	931	487,901	22,349	21.8	R.I. ....	64	46,901	2,137	21.5
Ind. ....	763	302,384	13,226	22.9	S.C. ....	414	190,278	7,499	25.4
Iowa. ....	854	186,906	9,925	18.8	S. Dak. ....	276	44,652	2,466	18.1
Kans. ....	662	142,159	7,771	18.3	Tenn. ....	524	231,404	8,664	26.7
Ky. ....	462	174,773	7,404	23.6	Tex. ....	1,911	633,467	29,622	21.4
La. ....	590	212,328	9,198	23.1	Utah. ....	153	83,439	3,330	25.0
Maine. ....	193	51,481	3,031	17.0	Vt. ....	84	20,424	1,064	19.2
Md. ....	237	205,462	8,400	24.5	Va. ....	464	230,010	10,710	22.3
Mass. ....	474	304,685	13,889	21.9	Wash. ....	389	201,210	8,418	23.9
Mich. ....	855	515,838	21,231	24.3	W. Va. ....	359	162,278	6,112	26.5
Minn. ....	587	250,232	11,778	21.2	Wis. ....	509	219,026	9,853	22.2
Miss. ....	614	163,409	6,886	23.7	Wyo. ....	97	24,589	1,331	18.3

<sup>1</sup> Average enrollment per classroom teacher.

Source: Department of Health, Education, and Welfare, Office of Education; *Statistics of Education in the United States, 1958-59*, Series No. 1, *Public Secondary Schools*.

## No. 167. JUNIOR COLLEGES—NUMBER AND ENROLLMENT: 1920 TO 1960

[Beginning 1960, includes Hawaii. Beginning 1950, includes 2-year normal schools. See also *Historical Statistics, Colonial Times to 1967*, series H 325-326]

YEAR	ALL SCHOOLS REPORTING		PUBLICLY CONTROLLED		PRIVATELY CONTROLLED	
	Number	Enrollment	Number	Enrollment	Number	Enrollment
1920. ....	52	8,102	10	2,940	42	5,162
1930. ....	277	55,616	129	36,501	148	19,115
1940. ....	456	149,854	217	107,553	239	42,301
1950. ....	506	243,830	279	188,794	227	55,045
1952. ....	506	231,175	291	184,054	215	47,121
1954. ....	518	325,804	293	272,036	225	53,768
1955, November 1. ....	469	295,553	276	249,928	193	45,625
1958, first term. ....	490	340,385	283	297,680	207	51,705
1960, first term. ....	509	403,524	310	348,538	199	54,986

<sup>1</sup> Data have been adjusted to conform to a major reclassification of institutions, which excludes from the "junior college" category those institutions (classified as technical institutes and semiprofessional schools) which do not offer programs consisting wholly or principally of work creditable toward a bachelor's degree. A total of 41,437 students were enrolled in these institutions in 1955 (32,057 in publicly controlled institutions and 9,380 in private institutions).

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapter on Statistical Summary of Education, and records.

## No. 168. HIGH SCHOOL AND COLLEGE GRADUATES, BY SEX: 1900 TO 1960

[Beginning 1960, includes Alaska and Hawaii. Data cover graduates of both public and private institutions. See also *Historical Statistics, Colonial Times to 1967*, series H 232 and H 330-332. See also table 178]

YEAR OF GRADUATION	HIGH SCHOOL			COLLEGE <sup>1</sup>		
	Total	Male	Female	Total	Male	Female
1900.....	94,883	38,075	56,808	27,410	22,173	5,237
1920.....	311,266	123,684	187,582	48,622	31,080	18,642
1940.....	1,221,475	578,718	642,757	180,500	109,546	76,954
1950.....	1,199,700	570,700	629,000	432,058	328,841	103,217
1952.....	1,196,500	569,200	627,300	329,086	225,981	104,005
1954.....	1,270,100	612,500	657,600	290,825	186,528	104,297
1956.....	1,414,800	679,500	735,300	308,812	198,233	110,579
1958.....	1,505,900	725,500	780,400	362,554	240,990	121,564
1960.....	<sup>2</sup> 1,838,000	<sup>2</sup> 886,000	<sup>2</sup> 952,000	392,440	254,063	138,377

<sup>1</sup> Bachelor's or first professional degree.<sup>2</sup> Preliminary.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapter on Statistical Summary of Education.

## No. 169. MARITAL STATUS OF HIGH SCHOOL AND COLLEGE STUDENTS, 14 TO 34 YEARS OLD, BY AGE AND SEX: 1960

[In thousands. As of October. Includes Alaska and Hawaii]

AGE AND ENROLLMENT STATUS	BOTH SEXES			MALE			FEMALE		
	Total	Married, spouse present		Total	Married, spouse present		Total	Married, spouse present	
		Number	Percent		Number	Percent		Number	Percent
ENROLLED IN HIGH SCHOOL									
Total.....	9,624	100	1.0	4,896	39	0.8	4,734	61	1.3
14 and 15 years.....	4,716	12	0.3	2,296	3	0.1	2,420	9	0.4
16 and 17 years.....	4,305	18	0.4	2,213	1	( <sup>1</sup> )	2,087	17	0.8
18 and 19 years.....	612	12	2.3	325	( <sup>1</sup> )	( <sup>1</sup> )	187	12	6.4
20 to 34 years.....	91	58	( <sup>1</sup> )	51	35	( <sup>1</sup> )	40	23	( <sup>1</sup> )
ENROLLED IN COLLEGE <sup>2</sup>									
Total.....	3,570	855	23.9	2,339	667	28.5	1,231	188	15.3
14 to 17 years.....	222	-----	( <sup>1</sup> )	99	-----	( <sup>1</sup> )	123	-----	( <sup>1</sup> )
18 and 19 years.....	1,209	24	1.8	734	10	1.4	565	14	2.5
20 and 21 years.....	790	81	10.3	503	30	7.8	287	42	14.6
22 to 24 years.....	509	202	39.7	411	164	39.9	98	38	( <sup>1</sup> )
25 to 34 years.....	750	548	73.1	592	454	76.7	158	94	59.5

<sup>1</sup> Percent not shown where less than 0.1 or where base is less than 150,000.<sup>2</sup> Includes 887 part-time students.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 110.

# No. 170. INSTITUTIONS OF HIGHER EDUCATION—FACULTY AND ENROLLMENT, BY SEX, AND INCOME AND EXPENDITURE: 1940 TO 1958

[All money figures in thousands of dollars. Excludes Alaska and Hawaii. Data cover universities, colleges, professional schools, junior colleges, teachers' colleges, and normal schools, both publicly and privately controlled, regular session. See also *Historical Statistics, Colonial Times to 1957*, series H 316-321, H 330-362, and H 369]

ITEM	1940	1950 <sup>1</sup>	1954 <sup>1</sup>	1958 <sup>1</sup>	1958 <sup>1</sup>
Number of institutions reporting staff, enrollment, and degrees conferred	1,708	1,851	1,863	1,850	1,930
Faculty <sup>2</sup>	146,929	246,722	265,911	298,910	<sup>3</sup> 344,525
Male	106,328	186,189	204,871	230,342	<sup>3</sup> 267,482
Female	40,601	60,533	61,040	68,568	<sup>3</sup> 77,043
Resident college enrollment (degree credit)	1,494,203	2,659,021	2,514,712	<sup>4</sup> 2,637,245	<sup>3</sup> 2,809,555
Male	893,250	1,853,068	1,613,466	<sup>4</sup> 1,748,198	<sup>3</sup> 1,918,313
Female	600,953	805,953	901,246	<sup>4</sup> 889,047	<sup>3</sup> 891,252
Number of institutions reporting income and expenditures	1,609	1,851	1,863	1,850	1,930
Current income	715,211	2,374,645	2,945,550	3,603,370	4,641,387
Educational and general income	571,288	1,833,845	2,338,609	2,850,209	3,732,512
Student fees	200,897	394,610	551,424	722,215	934,203
Endowment earnings	71,304	90,341	127,475	145,000	181,585
Federal Government	38,860	524,319	417,097	489,801	707,049
State governments	151,222	491,636	740,042	878,349	1,138,454
Local governments	24,392	61,700	88,198	106,857	129,324
Private gifts and grants	40,453	118,027	190,809	245,085	324,426
Organized activities related to instructional departments	32,777	111,987	164,880	191,820	198,055
Miscellaneous	11,383	34,025	68,553	80,133	118,517
Auxiliary enterprises and activities	143,923	511,265	674,770	691,738	898,817
Other noneducational income	( <sup>5</sup> )	29,535	32,212	52,364	70,057
Receipts for plant expansion	66,200	528,747	468,067	821,133	1,220,616
Receipts for increase of endowment and other non-expendable funds	44,518	116,932	100,903	350,410	320,911
Current expenditure	674,689	2,245,661	2,882,864	3,499,463	4,509,666
Educational and general	521,990	1,706,444	2,271,296	2,766,367	3,604,414
Administration and general expense	62,827	213,070	288,147	355,207	473,945
Instruction and departmental research	280,248	780,994	960,555	1,140,655	1,465,603
Organized research	27,266	225,341	372,643	500,793	727,776
Libraries	19,487	56,147	72,944	85,563	109,715
Plant operation and maintenance	60,612	225,110	277,874	324,229	406,226
Organized activities related to instruction	27,225	119,108	186,905	222,007	245,804
Extension and public services	35,325	86,074	112,227	137,914	175,256
Auxiliary enterprises and activities	124,184	476,401	537,532	637,606	775,316
Scholarships, fellowships, and prizes	28,514	62,816	74,035	95,490	129,935
Expenditure for plant expansion	83,765	416,831	530,804	680,565	<sup>6</sup> 896,918

<sup>1</sup> Figures include estimates for institutions not reporting.

<sup>2</sup> Includes administrative officers, extension service, correspondence courses, and organized research in addition to regular staff. For 1954 and 1956, total number of different persons (not reduced to full-time basis); data as of November 1953 and November 1955, respectively.

<sup>3</sup> Data for first term 1957-58 academic year. <sup>4</sup> Data for November 1955. <sup>5</sup> Not reported separately.

<sup>6</sup> Excludes expenditures from current funds.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapter on Statistical Summary of Education.

## No. 171. INSTITUTIONS OF HIGHER EDUCATION—ENROLLMENT, BY TYPE OF INSTITUTION AND BY SEX: 1960 AND 1961

[In thousands. Opening (fall) enrollment of degree-credit students. Includes Alaska, Hawaii, Puerto Rico, Canal Zone, and Guam. Includes estimates]

TYPE OF INSTITUTION	1960				1961			
	Total	Male	Female	First-time students enrolled	Total	Male	Female	First-time students enrolled
All institutions	3,610	2,271	1,339	930	3,891	2,424	1,467	1,026
Universities	1,551	1,072	479	305	1,630	1,114	515	325
Liberal arts colleges	1,028	500	468	270	1,108	603	505	294
Independent professional schools:								
Teachers colleges	359	171	188	96	402	193	209	111
Technological schools	107	99	7	23	112	103	9	25
Theological schools	42	33	9	7	43	34	9	8
Other	70	62	18	13	75	55	20	17
Junior colleges	454	283	170	215	521	322	199	246

Source: Department of Health, Education, and Welfare, Office of Education; *Opening (Fall) Enrollment in Higher Education*, Circular OE-54007-61.

# No. 172. INSTITUTIONS OF HIGHER EDUCATION—ENROLLMENT OF TOTAL AND OF FIRST-TIME STUDENTS, BY SEX, BY STATES AND FOR OTHER AREAS: 1961

[Opening (fall) enrollment of degree-credit students. Includes resident and extension degree-credit students, full time and part time. Excludes students taking degree-credit work at home by mail, radio, or TV, and students in branches of U.S. institutions operated in foreign countries]

STATE OR OTHER AREA	TOTAL ENROLLMENT			FIRST-TIME STUDENTS		
	Total	Male	Female	Total	Male	Female
<b>United States</b> .....	3,860,643	2,408,601	1,452,042	1,018,361	591,913	426,448
<b>New England</b> .....	250,692	163,975	86,717	65,689	40,367	25,322
Maine.....	13,687	8,349	5,338	4,012	2,470	1,536
New Hampshire.....	13,624	8,757	4,867	3,620	2,107	1,513
Vermont.....	10,053	5,037	4,116	3,435	1,857	1,578
Massachusetts.....	138,167	92,246	45,921	34,930	21,341	13,589
Rhode Island.....	19,842	12,630	7,212	5,607	3,052	2,045
Connecticut.....	55,319	36,056	19,263	13,005	8,034	5,001
<b>Middle Atlantic</b> .....	667,747	421,808	245,939	137,087	82,132	54,955
New York.....	370,610	226,372	144,247	67,389	39,524	27,865
New Jersey.....	92,727	60,773	31,954	21,172	12,048	8,524
Pennsylvania.....	204,401	134,663	69,738	48,526	29,960	18,560
<b>East North Central</b> .....	761,482	479,921	290,561	189,212	109,121	80,091
Ohio.....	188,016	116,284	71,732	48,001	28,132	19,869
Indiana.....	105,294	68,122	37,172	26,100	15,443	10,657
Illinois.....	216,577	134,307	82,270	56,297	32,134	24,163
Michigan.....	169,822	103,982	65,840	37,821	21,591	16,230
Wisconsin.....	81,773	48,226	33,547	20,903	11,821	9,172
<b>West North Central</b> .....	352,171	218,244	133,927	103,596	59,343	44,253
Minnesota.....	89,174	50,943	32,231	23,870	13,290	10,577
Iowa.....	61,154	36,086	24,168	17,032	10,159	7,473
Missouri.....	85,790	55,838	32,062	29,453	14,992	11,441
North Dakota.....	14,201	9,275	4,926	4,709	2,753	2,010
South Dakota.....	15,270	9,439	5,831	4,077	2,504	2,073
Nebraska.....	33,434	20,373	13,061	8,022	5,178	3,744
Kansas.....	56,148	35,300	20,758	16,987	10,058	6,929
<b>South Atlantic</b> .....	459,191	273,911	176,280	120,342	66,327	54,015
Delaware.....	8,002	4,987	3,015	2,494	1,465	1,029
Maryland.....	59,931	39,203	20,728	12,338	7,099	5,239
District of Columbia.....	46,805	30,576	16,319	7,100	3,698	3,408
Virginia.....	61,908	34,675	27,233	18,258	9,009	9,249
West Virginia.....	31,610	18,775	12,835	8,011	5,210	3,701
North Carolina.....	77,481	46,794	30,687	23,211	12,826	10,385
South Carolina.....	32,749	19,113	13,636	9,879	5,479	4,400
Georgia.....	61,955	31,821	20,134	14,579	8,124	6,455
Florida.....	79,660	47,967	31,693	23,566	13,417	10,149
<b>East South Central</b> .....	202,902	120,813	82,089	59,822	33,697	26,125
Kentucky.....	51,784	29,434	22,350	14,583	8,201	6,382
Tennessee.....	64,679	39,461	25,118	18,425	10,534	7,891
Alabama.....	47,967	29,237	18,730	13,041	7,401	5,640
Mississippi.....	38,672	22,681	15,891	13,773	7,501	6,212
<b>West South Central</b> .....	348,438	221,387	127,051	94,992	55,998	38,994
Arkansas.....	27,710	17,046	10,673	9,040	5,899	3,741
Louisiana.....	62,312	36,980	25,332	14,722	7,998	6,724
Oklahoma.....	69,623	39,676	20,047	17,036	10,513	6,523
Texas.....	198,784	127,786	70,999	53,594	31,588	22,006
<b>Mountain</b> .....	180,909	114,549	66,360	50,262	29,464	20,798
Montana.....	13,800	9,236	4,633	4,020	2,545	1,484
Idaho.....	12,412	8,033	4,379	4,533	2,783	1,760
Wyoming.....	7,117	4,446	2,671	2,021	1,285	736
Colorado.....	49,707	30,528	19,179	13,400	7,525	5,875
New Mexico.....	19,253	13,110	6,143	4,934	3,104	1,770
Arizona.....	38,239	24,235	14,004	10,081	5,940	4,132
Utah.....	35,574	21,946	13,628	10,112	5,548	4,564
Nevada.....	4,738	3,015	1,723	1,162	665	487
<b>Pacific</b> .....	632,721	389,611	243,110	194,583	112,688	81,895
Washington.....	70,743	43,792	26,951	21,780	12,406	9,284
Oregon.....	47,886	28,084	19,702	15,778	8,749	7,029
California.....	499,605	300,137	199,368	152,654	88,982	63,672
Alaska.....	2,990	1,929	1,061	1,123	687	436
Hawaii.....	11,697	6,609	5,028	3,248	1,774	1,474
<b>U.S. Service Academies</b> .....	13,390	13,382	8	2,776	2,776	-----
Puerto Rico.....	28,672	14,258	14,414	6,690	3,255	3,435
Canal Zone.....	627	298	229	281	140	132
Guam.....	1,888	830	558	755	477	278

Source: Department of Health, Education, and Welfare, Office of Education; Opening (Fall) Enrollment in Higher Education, 1961: Institutional Data, Circular OE-54003-61.

# No. 173. INSTITUTIONS OF HIGHER EDUCATION—NUMBER, FACULTY, AND ENROLLMENT, BY STATES AND FOR OTHER AREAS: 1960

[See headnote, table 170]

STATE OR OTHER AREA	Number of institutions	FACULTY <sup>1</sup>		RESIDENT ENROLLMENT (degree credit) <sup>2</sup>			Veterans enrolled in degree-credit courses	EARNED DEGREES CONFERRED		
		Male	Female	Undergraduate		Graduate		Bachelor's or 1st professional	Master's or 2nd level	Doctorates
				Full-time	Part-time					
United States.....	2,008	296,773	83,781	2,196,214	677,510	341,820	264,795	392,440	74,435	9,829
New England.....	173	24,153	6,558	152,597	36,181	28,235	16,225	30,444	6,852	1,116
Maine.....	20	991	335	10,023	113	178	940	1,950	178	1
New Hampshire.....	11	1,143	322	9,418	488	487	681	1,874	221	0
Vermont.....	15	938	299	8,503	206	101	383	1,445	171	2
Massachusetts.....	87	15,028	3,538	85,333	22,980	17,319	10,538	17,803	4,588	784
Rhode Island.....	10	1,612	477	12,044	1,682	1,580	1,088	2,182	204	48
Connecticut.....	30	4,441	1,587	27,271	10,712	8,510	2,595	5,100	1,490	272
Middle Atlantic.....	326	56,828	14,787	336,071	148,198	100,963	47,605	71,205	16,730	2,218
New York.....	164	32,710	8,870	172,543	88,920	69,463	24,150	37,061	11,176	1,445
New Jersey.....	38	6,332	1,607	41,047	26,933	9,669	9,068	8,394	1,689	249
Pennsylvania.....	124	17,786	4,710	122,481	32,345	21,821	14,387	24,850	3,865	524
East North Central.....	335	56,996	15,354	421,431	128,240	68,732	47,049	77,410	16,278	2,559
Ohio.....	67	13,185	3,434	106,082	38,293	13,085	12,864	18,957	2,713	371
Indiana.....	42	8,389	2,175	60,179	7,154	9,823	6,204	12,117	3,038	480
Illinois.....	105	18,808	5,069	107,172	46,263	21,659	11,397	19,190	4,436	823
Michigan.....	69	9,452	2,466	95,200	27,225	18,568	11,021	17,708	4,565	512
Wisconsin.....	52	7,162	2,210	51,808	9,305	5,597	5,563	9,438	1,526	373
West North Central.....	248	27,349	8,752	231,757	38,162	20,739	23,562	42,013	5,604	888
Minnesota.....	43	6,328	2,151	52,601	4,190	4,724	4,610	9,476	1,099	245
Iowa.....	50	4,371	1,577	42,426	3,589	3,717	3,348	7,637	987	273
Missouri.....	60	7,489	2,223	55,705	16,104	5,224	6,907	9,803	1,392	183
North Dakota.....	12	1,028	261	11,199	555	626	1,298	1,819	221	8
South Dakota.....	16	1,255	409	11,475	936	629	1,346	2,243	313	6
Nebraska.....	23	2,787	734	21,772	4,922	2,005	2,320	4,296	488	70
Kansas.....	45	4,091	1,397	36,579	7,866	3,814	3,724	6,739	1,104	103
South Atlantic.....	306	35,587	11,967	273,345	64,827	32,264	30,288	47,495	6,754	857
Delaware.....	4	551	145	3,664	64	1,036	397	451	144	23
Maryland.....	39	5,827	1,696	28,375	17,325	5,416	4,017	5,457	760	210
District of Columbia.....	27	4,493	1,175	17,952	11,900	11,720	3,800	4,255	1,327	146
Virginia.....	41	4,571	1,688	38,519	6,456	1,818	2,472	6,573	579	73
West Virginia.....	20	1,656	767	21,387	4,220	1,084	2,758	3,784	506	6
North Carolina.....	60	5,846	2,260	54,810	3,470	3,792	4,870	9,517	1,483	202
South Carolina.....	31	2,285	1,096	25,490	1,526	1,104	1,830	4,317	288	14
Georgia.....	49	4,975	1,589	38,293	5,049	2,286	3,844	6,541	674	47
Florida.....	35	6,383	1,564	44,846	14,808	4,008	5,700	6,000	993	136
East South Central.....	156	14,339	5,821	138,192	20,620	9,844	13,912	24,360	3,854	209
Kentucky.....	39	3,183	1,434	31,754	9,013	2,538	3,142	5,765	877	60
Tennessee.....	40	5,365	1,790	43,018	6,356	4,103	4,265	7,630	1,599	104
Alabama.....	28	3,410	1,351	35,024	2,830	1,989	4,276	6,185	882	33
Mississippi.....	43	2,591	1,246	28,396	2,421	1,214	2,230	4,780	496	12
West South Central.....	174	23,113	7,365	231,666	56,212	19,716	25,325	37,299	6,501	508
Arkansas.....	19	1,663	650	19,981	2,232	1,164	1,981	3,517	612	18
Louisiana.....	22	5,022	1,717	42,532	8,146	3,687	3,303	6,762	850	101
Oklahoma.....	34	3,956	1,147	42,258	7,968	4,030	4,993	6,701	1,290	92
Texas.....	99	12,472	3,845	126,895	37,866	10,835	14,958	20,259	3,749	297
Mountain.....	70	12,532	2,929	109,687	23,137	14,625	14,359	18,322	3,775	263
Montana.....	11	1,083	285	10,162	942	611	1,262	1,773	247	13
Idaho.....	8	863	237	8,924	1,255	383	1,049	1,242	183	13
Wyoming.....	5	555	145	4,400	989	341	497	725	167	11
Colorado.....	21	3,650	787	30,464	3,039	4,011	3,355	5,696	1,521	132
New Mexico.....	9	1,271	369	9,897	3,931	2,257	1,718	1,453	455	10
Arizona.....	7	1,769	467	19,067	8,066	3,538	2,944	2,933	629	31
Utah.....	8	2,988	564	24,533	3,846	2,830	3,274	4,157	509	66
Nevada.....	1	363	85	2,231	1,079	654	260	343	64	---
Pacific.....	211	43,634	10,165	289,763	161,932	46,071	46,470	41,764	7,834	1,210
Washington.....	27	4,617	1,423	42,815	9,221	4,310	5,531	7,191	878	163
Oregon.....	27	4,259	936	28,023	2,175	2,180	2,948	4,948	869	93
California.....	152	33,903	7,344	211,868	147,625	38,246	37,167	28,506	6,013	949
Alaska.....	1	220	67	616	875	119	79	83	11	---
Hawaii.....	4	735	395	6,441	2,036	1,218	745	1,036	63	---
U.S. Service Academies.....	9	2,242	83	11,705	1	641	---	2,128	253	1
Puerto Rico.....	5	1,147	890	15,347	3,700	780	2,787	2,440	62	---
Canal Zone.....	1	15	10	134	138	---	6	---	---	---
Guam.....	1	39	9	117	437	---	11	---	---	---

<sup>1</sup> See footnote 3, table 176.    <sup>2</sup> Data for first term 1959-60.

Source: Department of Health, Education, and Welfare, Office of Education; records.



No. 174. INSTITUTIONS OF HIGHER EDUCATION—VALUE OF PROPERTY, ENDOWMENTS, AND OTHER PERMANENT FUNDS, INCOME, AND EXPENDITURE, BY STATES AND FOR OTHER AREAS: 1958

[In thousands of dollars]

STATE OR OTHER AREA	Value of plant and plant funds <sup>1</sup>	NONEXPENDABLE FUNDS		INCOME FOR—			EXPENDITURE	
		Endowment and annuity <sup>2</sup>	Student loan	Current operations	Nonexpendable funds	Plant expansion <sup>3</sup>	Current operations	Plant expansion
United States.....	12, 104, 891	4, 788, 496	71, 138	4, 653, 881	330, 322	1, 224, 898	4, 521, 823	900, 811
New England.....	1, 034, 026	1, 002, 004	13, 690	412, 599	81, 101	90, 502	400, 219	62, 396
Maine.....	52, 475	28, 000	238	17, 287	1, 144	7, 441	16, 008	1, 034
New Hampshire.....	62, 681	61, 122	1, 272	21, 060	11, 096	3, 741	21, 029	4, 242
Vermont.....	35, 625	19, 116	620	16, 400	720	2, 238	15, 923	2, 104
Massachusetts.....	566, 361	613, 005	8, 856	265, 245	44, 910	28, 492	256, 673	20, 490
Rhode Island.....	70, 262	36, 672	237	23, 918	2, 217	13, 516	22, 750	8, 700
Connecticut.....	266, 632	248, 000	2, 607	68, 680	21, 014	35, 074	66, 936	14, 836
Middle Atlantic.....	2, 049, 816	1, 143, 346	10, 135	793, 781	69, 101	153, 221	772, 703	129, 432
New York.....	1, 118, 220	710, 105	5, 282	451, 819	39, 724	92, 406	440, 602	82, 740
New Jersey.....	261, 744	130, 269	1, 607	89, 196	8, 707	12, 875	84, 557	10, 653
Pennsylvania.....	669, 843	290, 972	3, 256	262, 766	20, 610	47, 940	247, 454	36, 039
East North Central.....	2, 394, 041	660, 320	11, 219	942, 310	48, 590	273, 526	920, 204	201, 938
Ohio.....	515, 362	195, 134	2, 824	186, 085	11, 774	67, 908	184, 004	37, 790
Indiana.....	392, 018	71, 625	1, 660	135, 050	4, 263	48, 215	130, 601	42, 813
Illinois.....	612, 897	800, 673	3, 012	290, 500	26, 758	52, 708	292, 207	37, 216
Michigan.....	630, 772	58, 761	2, 706	231, 864	3, 678	83, 585	224, 967	68, 549
Wisconsin.....	233, 992	34, 227	1, 057	88, 911	2, 120	21, 020	88, 425	15, 570
West North Central.....	1, 098, 372	258, 821	6, 237	418, 686	13, 494	86, 551	400, 638	71, 537
Minnesota.....	247, 066	83, 704	1, 416	103, 056	4, 167	23, 105	98, 646	18, 079
Iowa.....	182, 473	36, 921	937	91, 277	2, 672	9, 220	87, 466	10, 179
Missouri.....	294, 249	85, 745	1, 088	91, 953	4, 250	24, 408	88, 666	23, 849
North Dakota.....	32, 552	6, 891	201	16, 830	148	2, 745	15, 042	1, 394
South Dakota.....	43, 984	6, 730	199	17, 762	171	4, 282	16, 819	3, 817
Nebraska.....	107, 389	13, 086	498	37, 077	803	8, 632	35, 540	4, 377
Kansas.....	170, 650	21, 144	943	60, 701	1, 323	14, 000	68, 459	12, 402
South Atlantic.....	1, 590, 842	470, 598	9, 486	553, 366	26, 062	129, 517	542, 026	101, 383
Delaware.....	27, 443	17, 852	38	7, 652	2, 080	2, 316	7, 539	4, 570
Maryland.....	199, 218	91, 476	287	92, 806	4, 442	14, 958	91, 242	12, 480
District of Columbia.....	143, 840	28, 924	449	52, 954	864	15, 676	62, 250	10, 880
Virginia.....	214, 098	82, 877	1, 277	80, 937	3, 327	15, 869	73, 741	16, 397
West Virginia.....	107, 682	7, 146	376	29, 121	847	5, 520	29, 491	3, 124
North Carolina.....	340, 492	125, 693	2, 493	107, 297	5, 647	26, 589	103, 415	14, 488
South Carolina.....	145, 748	15, 913	1, 217	37, 959	1, 019	12, 213	37, 625	11, 164
Georgia.....	190, 996	84, 108	2, 178	73, 195	4, 096	11, 732	71, 617	9, 370
Florida.....	215, 330	10, 510	1, 171	71, 385	2, 840	24, 744	69, 906	18, 970
East South Central.....	604, 449	190, 248	3, 885	205, 079	11, 675	47, 446	200, 820	36, 190
Kentucky.....	170, 280	50, 893	858	46, 111	3, 834	16, 063	46, 233	12, 095
Tennessee.....	201, 117	95, 829	1, 661	69, 582	4, 932	14, 237	67, 937	12, 278
Alabama.....	129, 540	35, 630	1, 168	53, 784	2, 617	7, 974	52, 025	7, 305
Mississippi.....	103, 532	8, 496	198	35, 602	292	8, 572	35, 025	4, 512
West South Central.....	1, 105, 906	577, 973	9, 371	361, 667	43, 290	116, 257	346, 382	77, 665
Arkansas.....	62, 300	15, 994	485	33, 174	2, 253	10, 330	30, 001	6, 417
Louisiana.....	203, 000	44, 194	528	72, 116	1, 600	24, 289	71, 259	18, 192
Oklahoma.....	187, 714	25, 324	5, 376	57, 785	2, 365	9, 908	60, 019	13, 755
Texas.....	622, 802	491, 561	2, 982	198, 693	37, 072	71, 724	189, 503	39, 301
Mountain.....	476, 459	56, 392	1, 800	187, 343	4, 130	56, 028	178, 769	50, 127
Montana.....	64, 108	7, 106	239	18, 018	382	6, 556	16, 866	4, 329
Idaho.....	43, 737	13, 030	80	14, 171	303	3, 532	13, 516	4, 969
Wyoming.....	24, 362	7, 627	207	9, 319	242	1, 318	8, 588	598
Colorado.....	120, 068	13, 513	800	58, 872	1, 445	13, 688	56, 891	11, 562
New Mexico.....	54, 132	8, 348	61	22, 176	672	5, 360	21, 602	5, 552
Arizona.....	70, 730	1, 896	103	25, 010	183	9, 494	23, 304	8, 675
Utah.....	88, 189	3, 520	215	35, 190	750	12, 950	33, 837	12, 690
Nevada.....	12, 094	1, 352	80	4, 587	183	3, 130	4, 105	1, 792
Pacific.....	1, 426, 443	379, 786	5, 315	696, 885	32, 880	236, 270	679, 640	144, 567
Washington.....	214, 733	71, 440	547	70, 051	5, 771	35, 457	72, 101	18, 367
Oregon.....	136, 975	12, 959	1, 010	51, 449	1, 452	15, 149	60, 742	8, 476
California.....	1, 048, 271	294, 072	3, 684	556, 891	25, 217	181, 882	544, 640	113, 831
Alaska.....	9, 162	1, 003	36	4, 111	382	2, 981	8, 984	2, 509
Hawaii.....	17, 302	312	38	8, 333	28	1, 301	8, 173	1, 294
U.S. Service Academies.....	324, 537	-----	-----	82, 164	-----	35, 579	80, 421	35, 577
Puerto Rico.....	31, 146	805	99	21, 371	103	2, 301	21, 494	1, 302
Canal Zone.....	317	-----	-----	112	-----	-----	112	-----
Guam.....	231	-----	-----	148	-----	-----	144	-----

<sup>1</sup> Grounds, buildings, equipment, and unexpended plant funds.

<sup>2</sup> Comprises all nonexpendable funds other than student loans.

<sup>3</sup> Includes loans and transfers from current funds.

Source: Department of Health, Education, and Welfare, Office of Education; *Bir* in the United States, 1956-58, Chapter 4, *Statistics of Higher Education*.

# No. 175. COLLEGE ENROLLMENT OF PERSONS 16 TO 24 YEARS OLD, BY SEX, AND BY EDUCATIONAL STATUS OF FATHER: 1960

[In thousands. As of October. Includes Alaska and Hawaii. Excludes persons who are enrolled below the college level]

COLLEGE ENROLLMENT AND SEX	Total	EDUCATIONAL STATUS OF THE FATHER				
		Did not graduate from high school	Graduated from high school, did not attend college	Attended college, did not graduate	Graduated from college	Not reported
Both sexes, 16 to 24 years.....	15,688	9,717	2,664	892	1,158	1,257
Enrolled in college.....	2,820	1,032	666	382	653	87
Percent.....	18.0	10.6	26.0	42.8	56.4	6.9
Male, 16 to 24 years.....	7,114	4,448	1,226	412	547	481
Enrolled in college.....	1,747	660	440	214	390	47
Percent.....	24.6	14.7	35.9	51.9	71.3	9.8
Female, 16 to 24 years.....	8,574	5,269	1,438	480	611	776
Enrolled in college.....	1,073	376	226	168	263	40
Percent.....	12.5	7.1	15.7	35.0	43.0	5.2

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 110.

# No. 176. NEGRO INSTITUTIONS OF HIGHER EDUCATION—FACULTY, STUDENTS, AND EARNED DEGREES CONFERRED: 1950, 1956, AND 1958

[Excludes Alaska and Hawaii]

ITEM	1950	1956	Total	1958				
				Universities, colleges, and professional schools		Teachers colleges <sup>1</sup>	Junior colleges <sup>2</sup>	
				Publicly controlled	Privately controlled		Publicly controlled	Privately controlled
Number of institutions.....	105	98	98	21	52	12	4	9
Faculty <sup>3,4</sup> .....	6,933	7,724	8,081	3,385	3,514	838	157	187
Male.....	4,151	4,726	4,897	2,045	2,234	438	80	100
Female.....	2,782	2,998	3,184	1,340	1,280	400	77	87
RESIDENT COLLEGE STUDENTS <sup>4</sup>								
Regular session:								
Total.....	76,561	74,761	78,839	35,562	30,550	9,922	1,492	1,313
Male.....	40,677	33,915	38,956	17,636	14,478	3,332	900	610
Female.....	35,884	40,846	41,883	17,926	16,072	6,590	592	703
Graduate.....	2,304	2,879	3,414	2,365	953	96	—	—
Male.....	1,161	1,105	1,327	840	465	22	—	—
Female.....	1,143	1,774	2,087	1,525	488	74	—	—
First time in any college.....	21,368	21,970	23,155	10,833	8,041	3,062	572	647
Male.....	10,613	10,344	10,784	5,405	3,690	1,132	349	308
Female.....	10,765	11,626	12,371	5,428	4,451	1,930	223	339
EARNED DEGREES CONFERRED								
Bachelor's and first professional.....	13,108	12,084	11,793	4,717	5,142	1,934	—	—
Male.....	6,467	4,323	4,915	2,090	2,262	673	—	—
Female.....	6,641	7,761	6,878	2,627	2,880	1,261	—	—
Master's and second professional.....	768	1,378	1,331	923	325	83	—	—
Male.....	535	537	502	301	170	31	—	—
Female.....	433	841	820	622	155	52	—	—
OTHER TYPES OF STUDENTS <sup>4</sup>								
Extension courses.....	—	4,696	3,302	2,475	633	194	—	—
Correspondence courses.....	—	183	82	82	—	—	—	—
Adult education.....	—	329	289	235	—	17	37	—
Terminal occupational education.....	—	844	1,157	923	16	141	67	10
Short-course enrollments.....	—	441	310	310	—	—	—	—

<sup>1</sup> All publicly controlled.

<sup>2</sup> Includes community colleges, technical institutes, normal schools, and other higher educational institutions restricted to less than 4 years of work on the undergraduate or terminal-occupational level.

<sup>3</sup> Total number of different persons (not reduced to full-time basis). Includes administrative officers, extension service, correspondence courses, and organized research in addition to regular staff.

<sup>4</sup> 1956 data are as of November 1955; 1958 data are for the first term of 1957-58 academic year.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapter on Statistics of Higher Education.

# No. 177. EARNED DEGREES CONFERRED, BY FIELD OF STUDY, LEVEL OF DEGREE, AND SEX: 1960

[Includes Alaska, Hawaii, and Puerto Rico]

MAJOR FIELD OF STUDY	BACHELOR'S OR 1ST PROFESSIONAL DEGREES <sup>1</sup>			MASTER'S OR 2D-LEVEL DEGREES <sup>2</sup>			DOCTORATE		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All fields.....	394,889	255,504	139,385	74,497	50,937	23,560	9,829	8,801	1,028
Agriculture.....	4,898	4,805	93	996	984	12	411	404	7
Animal husbandry.....	1,056	1,020	27	173	172	1	90	87	3
All other.....	3,842	3,776	66	823	812	11	321	317	4
Architecture (excluding architectural engineering).....	1,801	1,744	57	319	305	14	17	17	---
Biological sciences <sup>3</sup> .....	15,055	11,693	3,362	2,154	1,608	486	1,205	1,080	119
Biological and premedical, general.....	3,182	2,969	213	26	23	3	4	4	---
Biology, general.....	8,409	5,713	2,696	617	442	175	141	126	15
Zoology, general.....	2,260	1,685	565	364	275	89	185	160	25
All other.....	1,814	1,320	488	1,147	928	219	875	796	76
Business and commerce.....	51,822	47,629	3,893	4,043	4,476	107	135	133	2
Accounting.....	10,760	10,311	458	470	447	23	15	15	---
Other specific major fields.....	19,829	18,915	914	2,009	2,585	74	45	44	1
General, without major specialization.....	18,727	17,601	1,226	1,520	1,466	60	75	74	1
All other.....	2,107	902	1,205	88	28	10	---	---	---
Education.....	90,179	26,178	64,001	33,512	18,126	15,386	1,590	1,281	309
Specialized teaching fields.....	36,095	19,109	16,986	7,333	4,305	3,028	276	214	62
General teaching fields.....	52,761	6,636	46,115	9,922	3,005	6,317	174	128	46
Nonteaching fields.....	223	126	97	15,752	9,952	5,800	1,099	911	188
All other.....	1,110	307	803	505	264	241	41	28	13
Engineering.....	37,808	37,663	145	7,159	7,133	26	788	783	3
English and journalism.....	22,456	9,001	13,455	3,192	1,670	1,622	405	321	84
English and literature (including comparative literature).....	20,184	7,697	12,487	2,931	1,458	1,473	397	314	83
Journalism.....	2,272	1,404	868	261	212	49	8	7	---
Fine and applied arts.....	13,166	6,141	7,025	2,862	1,763	1,129	292	238	54
Music.....	2,988	1,254	1,734	1,171	737	434	110	101	18
Speech and dramatic arts.....	4,153	1,980	2,164	924	547	377	146	117	20
All other.....	6,025	2,898	3,127	797	470	318	27	20	7
Foreign languages and literature.....	5,498	2,098	3,400	1,134	593	641	229	166	63
Forestry.....	1,437	1,437	---	207	206	1	20	20	---
Geography.....	973	858	115	206	177	29	68	64	4
Health professions.....	24,557	15,170	9,387	1,872	1,076	797	107	99	8
Dentistry, D.D.S. and D.M.D. only.....	3,247	3,221	26	---	---	---	---	---	---
Medicine, M.D. only.....	7,074	6,680	394	---	---	---	---	---	---
Nursing.....	6,661	81	6,580	599	14	585	---	---	---
Pharmacy (excl. pharmacology).....	3,492	3,076	416	131	120	11	51	50	1
All other.....	4,083	2,112	1,971	1,142	941	201	56	49	7
Home economics.....	4,460	60	4,390	484	11	473	40	6	34
Law (LL.B., J.D., or higher degrees).....	9,314	9,073	241	520	496	24	24	24	---
Library science.....	1,938	467	1,471	305	70	235	19	17	2
Mathematical subjects.....	11,437	8,312	3,125	1,765	1,428	337	303	285	18
Merchant Marine—Deck-officer curriculum only.....	202	202	---	---	---	---	---	---	---
Military, naval, or air force science.....	2,369	2,366	3	---	---	---	---	---	---
Philosophy.....	3,466	3,052	414	383	385	48	137	112	25
Physical sciences <sup>4</sup> .....	16,057	14,041	2,016	3,387	3,090	827	1,838	1,776	62
Chemistry (excl. biochemistry).....	7,603	6,005	1,598	1,228	1,025	203	1,048	1,000	48
Physics.....	4,338	4,166	172	1,073	1,038	35	487	477	10
Geology.....	2,428	2,353	75	674	600	14	190	186	4
All other.....	1,688	1,517	171	612	437	75	113	113	---
Psychology.....	8,111	4,785	3,326	1,406	981	425	641	544	97
Religion.....	9,002	7,563	1,439	1,381	1,284	207	270	265	11
Religious education and Bible.....	3,024	2,011	1,013	384	252	132	30	27	3
Theology.....	5,184	5,097	87	---	---	---	---	---	---
All other.....	794	455	339	947	872	75	246	238	8
Social sciences <sup>5</sup> .....	51,802	35,801	16,001	5,998	4,765	1,233	1,237	1,117	120
Social sciences, general.....	9,237	6,137	3,100	843	609	234	15	15	---
Economics (excl. agric. econ.).....	7,488	6,816	672	708	650	58	237	223	14
History.....	14,783	10,014	4,769	1,794	1,353	441	342	310	32
Political science or government.....	6,657	5,401	1,256	722	593	129	201	184	17
Sociology.....	7,182	3,171	4,011	440	327	113	161	135	26
Social work, social administration.....	2,259	801	1,458	239	119	120	23	14	9
All other.....	4,196	3,461	735	1,262	1,114	138	258	236	22
Trade and industrial training.....	1,648	1,537	11	---	---	---	---	---	---
Miscellaneous.....	5,243	3,828	1,415	632	491	141	40	34	6

<sup>1</sup> Includes master's degrees when they constitute the first-professional degree in their respective fields.

<sup>2</sup> Excludes such degrees as master of library science, master of social work, master of business administration, etc., when these constitute first-professional degrees. <sup>3</sup> Excludes psychology, listed independently.

<sup>4</sup> Excludes geography, listed independently.

<sup>5</sup> Excludes geography, philosophy, and psychology, listed independently.

Source: Department of Health, Education, and Welfare, Office of Education; *Summary Report on Bachelor's and Higher Degrees Conferred During the Year 1959-60*, Circular OE-54010-60.

## No. 178. EARNED DEGREES CONFERRED, BY LEVEL OF DEGREE: 1940 TO 1960

[Beginning 1948, includes Alaska, Hawaii, and Puerto Rico. See also *Historical Statistics, Colonial Times to 1937*, series H 327-333, for figures excluding Alaska, Hawaii, and Puerto Rico]

YEAR	Total	Bachelor's or 1st professional degrees	Master's or 2d-level degrees	Doctorate	YEAR	Total	Bachelor's or 1st professional degrees	Master's or 2d-level degrees	Doctorate
1940.....	216,521	186,500	26,731	3,290	1953.....	374,189	304,857	61,023	8,309
1944.....	141,582	126,803	13,414	2,305	1954.....	358,699	292,880	56,823	8,998
1946.....	157,349	136,174	19,209	1,966	1955.....	354,445	287,401	58,204	8,840
1948.....	318,749	272,311	42,449	3,986	1956.....	379,495	311,298	59,294	8,903
1949.....	422,511	366,698	56,763	5,050	1957.....	411,058	340,347	61,055	8,756
1950.....	498,589	433,734	58,219	6,633	1958.....	440,304	365,743	65,614	8,942
1951.....	450,822	384,352	65,132	7,333	1959.....	464,008	385,151	69,497	9,360
1952.....	408,194	331,924	63,587	7,683	1960.....	479,215	394,889	74,497	9,829

Source: Department of Health, Education, and Welfare, Office of Education; *Earned Degrees Conferred by Higher Educational Institutions, 1957-58*, Circular No. 636, OE-54013 and *Advance Report: Survey of Earned Degrees Granted During Year 1959-60*, Circular OE-54010-60.

## No. 179. LAND-GRANT INSTITUTIONS—FINANCES AND STUDENTS: 1960

[Enrollment data are for first semester or first quarter, 1959-60; income and expenditure figures for year ending June 30. Includes Alaska, Hawaii, and Puerto Rico. Land-grant colleges and universities are so called because public lands were granted to the States for their establishment or support. All 68 conform to certain broad policy stipulations of Federal law]

ITEM	52 institutions	16 institutions <sup>1</sup>	ITEM	Total	Male	Female
CURRENT INCOME (\$1,000)			STUDENTS			
Total.....	1,707,112	38,077	52 institutions:			
Educational and general.....	1,458,484	27,906	Resident and extension,			
Student tuition and fees.....	145,642	3,932	total.....	660,227	461,236	198,991
Federal Government.....	449,555	829	Degree-credit.....	610,704	426,901	183,803
From Veterans Adm.....	207	19	Resident.....	528,309	378,462	149,847
Regular appropriations.....	87,798	501	Undergraduate.....	451,263	317,511	133,752
Grants or contractual amounts for research.....	347,778	254	Graduate.....	77,046	60,951	16,095
Other grants or payments.....	13,654	55	Extension.....	82,395	48,439	33,956
State governments.....	656,446	22,144	Nondegree-credit.....	49,523	34,335	15,188
Local governments.....	7,649	193	Resident.....	7,088	5,306	1,782
Endowment earnings.....	13,935	26	Adult education.....	2,176	1,441	735
Private gifts and grants.....	63,639	24	Terminal occupational.....	4,912	3,865	1,047
Sales and services and organized activities.....	90,102	581	Extension.....	42,435	29,029	13,406
Miscellaneous.....	25,496	178	Other enrollments, total.....	165,549	110,473	55,076
Auxiliary enterprises.....	229,348	10,062	Mail courses.....	55,973	31,707	24,266
Scholarships, fellowships, and prizes.....	19,301	109	TV or radio courses.....	253	106	147
			Short courses.....	108,840	78,486	30,354
			Individual lessons only.....	483	174	309
CURRENT EXPENDITURE (\$1,000)			16 institutions: <sup>1</sup>			
Total.....	1,664,019	36,471	Resident and extension,			
Educational and general.....	1,420,462	27,103	total.....	30,049	14,830	15,219
Administration and general.....	112,426	4,539	Degree-credit.....	28,033	13,898	15,035
Instruction and departmental research.....	422,719	14,611	Resident.....	27,594	13,630	13,964
Organized research.....	495,068	115	Undergraduate.....	26,169	13,073	13,096
Extension and public services.....	161,019	483	Graduate.....	1,425	557	868
Libraries.....	29,847	1,208	Extension.....	1,839	268	1,071
Operation and maintenance of the physical plant.....	100,006	5,234	Nondegree-credit.....	1,116	932	184
Organized activities related to educational departments.....	93,379	909	Resident.....	987	862	125
Auxiliary enterprises.....	211,173	8,997	Extension.....	129	70	59
Scholarships, fellowships, and prizes.....	32,384	370	Other enrollments.....	857	199	658
			Mail courses.....	75	22	53
			TV or radio courses.....	3	1	2
			Short courses.....	779	178	603

<sup>1</sup> Attended predominantly by Negro students.

Source: Department of Health, Education, and Welfare, Office of Education; *Statistics of Land-Grant Colleges and Universities*, Circular OE-5002-60.

## No. 180. ADULT EDUCATION PROGRAMS—FUNDS, BY SOURCE: 1959

[Excludes Alaska and Hawaii. Based on sample survey. Data refer to organized educational programs for adults and out-of-school youths, conducted by local public school systems. For detailed definitions and methodology, see source]

SOURCE OF FUNDS	Total	Percent
<b>Total</b> .....	<b>\$76,442,000</b>	<b>100.0</b>
School district or local tax funds.....	31,301,000	40.9
Fee or tuition payments received from students.....	14,965,000	19.6
State aid for general adult education.....	13,728,000	17.9
State and Federal aid for vocational adult education.....	12,747,000	16.7
Veterans Administration payments.....	2,672,000	3.4
Other sources.....	1,129,000	1.5
Mean funds of school systems having a program for adults.....	15,800	-----
Median funds of school systems having a program for adults.....	1,290	-----

<sup>1</sup> Includes \$3,620,000 used for informal group activities for adults.

Source: Department of Health, Education, and Welfare, Office of Education; *Statistics of Public School Adult Education, 1958-59*.

## No. 181. ADULT EDUCATION CLASSES—NUMBER, ENROLLMENT, AND HOURS IN SESSION, BY FIELD OF INSTRUCTION: 1959

[Excludes Alaska and Hawaii. See headnote, table 180]

FIELD OF INSTRUCTION	CLASSES		ENROLLMENT			CLOCK HOURS IN SESSION		
	Number	Per-cent	Total (1,000)	Per-cent	Mean enrollment per class	Total (1,000)	Per-cent	Mean hours per class
<b>All fields</b> .....	<b>135,000</b>	<b>100.0</b>	<b>3,421</b>	<b>100.0</b>	<b>25</b>	<b>9,588</b>	<b>100.0</b>	<b>75</b>
Americanization and citizenship.....	4,950	3.7	171	5.0	35	508	5.2	105
Literacy education.....	1,430	1.1	48	1.4	35	207	2.1	145
Elementary education.....	1,450	1.1	38	1.1	25	290	3.0	205
High school academic education.....	15,900	11.7	411	12.0	25	1,513	15.4	95
Advanced academic education.....	2,510	1.8	51	1.5	20	78	0.8	30
Civic and public affairs.....	1,120	0.8	73	2.1	65	42	0.4	35
Personal development and group relationships.....	2,690	2.0	72	2.1	25	82	0.8	30
Family relationships.....	3,570	2.6	132	3.9	35	155	1.6	45
Homemaking and consumer education.....	20,400	15.1	459	13.4	25	841	8.5	40
Agricultural courses.....	5,100	3.8	106	3.1	20	405	4.1	80
Distributive education.....	3,100	2.3	89	2.6	30	154	1.6	50
Trade, industrial, and technical courses.....	27,300	20.2	560	16.4	20	3,378	34.3	125
Business education.....	14,600	10.8	372	10.9	25	878	8.9	60
Fine arts.....	6,000	4.4	107	4.9	30	288	2.9	50
Techniques in practical arts and crafts.....	12,500	9.3	281	8.2	20	604	5.1	40
Health and physical education.....	5,680	4.2	190	5.5	35	176	1.8	30
Safety and driver education.....	3,900	2.9	117	3.4	30	248	2.5	65
Remedial education.....	420	0.3	9	0.3	20	21	0.2	50
Inservice training for professional persons.....	1,970	1.5	65	1.9	35	57	0.6	30
Other.....	490	0.4	11	0.3	25	22	0.2	45

Source: Department of Health, Education, and Welfare, Office of Education; *Statistics of Public School Adult Education, 1958-59*.

## No. 182. PUBLIC LIBRARY SYSTEMS—SELECTED DATA: 1959 AND 1960

[For fiscal years. 1959 data include some libraries in Hawaii; 1960 data include Alaska and Hawaii. 1959 classification based on 1950 census; 1960 classification based on 1960 census]

ITEM	LIBRARY SYSTEMS SERVING—					
	Populations of 100,000 or more <sup>1</sup>		Populations of 50,000 to 99,999		Populations of 35,000 to 49,999	
	1959 (201 systems)	1960 (254 systems)	1959 (215 systems)	1960 (318 systems)	1959 (206 systems)	1960 (250 systems)
Population served.....1,000..	62,286	80,392	15,224	21,732	8,504	10,433
Operating expenditures:						
Total.....\$1,000..	123,768	143,406	24,472	30,979	12,245	14,783
Per capita.....	\$2.07	\$1.85	\$1.61	\$1.43	\$1.44	\$1.42
Salaries (including building staff).....\$1,000..	91,017	103,227	16,225	20,845	7,765	9,425
Professional.....do.	26,704	32,614	6,981	7,560	2,782	3,643
Library materials.....do.	17,915	21,219	4,225	5,471	2,333	2,774
Books.....do.	10,239	19,122	3,785	4,974	2,118	2,534
Periodicals.....do.	1,117	1,392	257	301	135	162
Audiovisual materials.....do.	559	705	182	196	80	77
Binding and rebinding.....do.	2,007	2,779	309	390	151	175
Other operating expenditures.....do.	17,219	21,180	3,713	4,773	1,995	2,412
Capital outlay.....do.	18,369	24,648	6,281	7,252	1,986	2,811
Collection:						
Number of volumes at end of year.....1,000..	79,191	88,186	20,033	24,586	11,964	13,863
Per capita.....	1.27	1.10	1.32	1.13	1.41	1.32
Number of volumes added during year.....1,000..	6,591	7,594	1,549	1,894	810	941
Circulation.....do.	277,227	316,483	78,045	93,173	40,454	45,045
Adult.....do.	112,535	126,662	31,216	38,027	16,616	19,617
Juvenile.....do.	112,856	133,529	42,240	47,510	22,110	22,563
Undistributed.....do.	51,837	56,302	5,189	7,641	1,728	2,865
Per capita.....	4.45	3.94	5.17	4.29	4.76	4.32
Personnel:						
Total (including building staff).....	24,071	26,450	4,593	5,654	2,348	2,760
Professional.....	7,846	8,132	1,392	1,622	630	831

<sup>1</sup> Excludes data for Reference Department of the New York Public Library.

Sources: Department of Health, Education, and Welfare, Office of Education; *Statistics of Public Library Systems Serving Populations of 100,000 or More, Fiscal Year 1960*; *Statistics of Public Library Systems Serving Populations of 50,000 to 99,999, Fiscal Year 1960*; and *Statistics of Public Library Systems Serving Populations of 35,000 to 49,999, Fiscal Year 1960*.

## No. 183. VOCATIONAL PROGRAMS, FEDERALLY AIDED—NUMBER OF TEACHERS AND STUDENTS, BY TYPE OF PROGRAM AND BY SEX: 1940 TO 1960

[For years ending June 30. Includes Hawaii and Puerto Rico; beginning 1955, includes Alaska and Virgin Islands, and beginning 1960, Guam. See headnote, table 184]

PROGRAM AND SEX	TEACHERS				STUDENTS			
	1940	1950	1955	1960 <sup>1</sup>	1940	1950	1955	1960 <sup>1</sup>
Total, all programs <sup>2</sup> .....					2,290,741	3,364,613	3,314,255	3,768,149
Male.....					1,279,109	1,716,699	1,700,562	1,925,556
Female.....					1,011,632	1,648,914	1,613,703	1,842,584
Evening.....	17,744	20,902	30,722	38,014	728,937	1,520,071	1,389,000	1,686,094
Part-time.....	14,800	12,324	11,533	12,542	525,358	596,295	596,184	341,289
Day <sup>3</sup> .....	25,675	29,733	34,757	36,748	1,036,446	1,247,347	1,529,071	1,740,700
Agriculture.....		13,852	20,277	20,988	584,133	764,975	776,138	796,237
Evening.....	4,976	5,149	6,431	7,118	192,246	345,007	272,363	205,729
Part-time.....	3,727	1,240	2,807	3,120	62,489	43,071	46,811	65,548
Day <sup>3</sup> .....	9,018	9,463	10,999	10,748	329,398	376,897	456,964	463,990
Trades and industry.....		25,511	29,895	33,316	755,409	804,602	870,954	938,490
Evening.....	6,768	8,312	12,678	14,849	187,908	269,734	421,321	485,020
Part-time.....	9,449	8,671	6,443	6,786	383,679	312,120	195,702	181,149
Day.....	6,940	8,528	10,769	11,681	260,922	222,730	253,931	272,321
Home economics.....		19,657	23,752	26,314	818,766	1,430,366	1,451,808	1,558,109
Evening.....	4,857	6,078	9,811	11,451	245,850	660,676	530,725	526,335
Part-time.....	1,192	937	942	1,044	72,790	115,979	82,907	64,914
Day.....	3,967	11,742	12,998	14,319	500,126	647,711	818,176	946,860
Distributive occupations <sup>4</sup> .....		3,939	3,138	6,188	129,433	364,670	235,355	303,784
Extension.....	2,142	2,463	1,752	4,596	122,933	239,554	164,591	264,106
Part-time.....	232	1,476	1,386	1,592	6,500	125,116	70,764	39,678
Practical nursing.....				1,631				40,250
Evening (extension).....								15,562
Day (preparatory).....								24,688
Area programs <sup>5</sup> .....				1,334				101,279
Evening (extension).....								63,342
Day (preparatory).....								22,937

<sup>1</sup> Provisional. <sup>2</sup> Totals for teachers omitted because of duplications in State reports by types of schools.

<sup>3</sup> Includes day unit classes.

<sup>4</sup> Training in which workers engage in merchandising activities, are in contact with buyers and sellers in distributing goods or services, or are responsible for the management of such businesses.

<sup>5</sup> Training of highly skilled technicians in recognized occupations requiring scientific knowledge essential in fields necessary for the national defense.

Sources: Department of Health, Education, and Welfare, Office of Education; *Digest of Annual Reports of State Boards for Vocational Education*, Circular OE-80008-69.

# No. 184. VOCATIONAL PROGRAMS, FEDERALLY AIDED—TOTAL AND FEDERAL EXPENDITURES, 1940 TO 1960, AND BY STATES AND OTHER AREAS, 1960

[In thousands of dollars. For years ending June 30. Includes Hawaii for all years; Puerto Rico, Virgin Islands, and Alaska beginning 1940, 1954, and 1955, respectively; and Guam beginning 1959. Institutions federally aided are reimbursed from Federal funds provided under "The Smith-Hughes Act" ("National Vocational Education Act of 1917") and subsequent acts extending benefits to Alaska, Hawaii, Puerto Rico, and Virgin Islands, and providing for further development of vocational education of less-than-college grade]

YEAR AND STATE OR OTHER AREA	ALL VOCATIONAL EDUCATION <sup>1</sup>		AGRICULTURAL EDUCATION		TRADE AND INDUSTRIAL EDUCATION		HOME ECONOMICS EDUCATION		DISTRIBUTIVE OCCUPATIONS	
	Total funds	Federal	Total funds	Federal	Total funds	Federal	Total funds	Federal	Total funds	Federal
1940.....	55,081	20,004	18,373	7,346	22,561	7,105	13,072	4,916	1,074	637
1950.....	128,717	26,623	38,523	10,087	47,869	8,612	36,916	6,241	5,408	1,683
1955.....	164,761	30,351	53,707	11,826	55,560	9,999	49,461	7,701	6,033	825
1957.....	190,720	37,063	59,915	13,582	64,075	11,340	57,178	8,907	8,173	2,439
1958.....	209,748	38,733	64,542	13,644	69,423	11,394	62,910	8,902	9,303	2,509
1959.....	228,315	41,399	66,668	13,068	73,504	11,411	67,001	8,907	9,602	2,506
1960 <sup>2</sup>										
Total.....	238,812	45,313	67,302	13,688	72,860	11,482	68,656	8,908	9,900	2,508
Alabama.....	5,457	1,163	2,107	512	1,135	176	1,720	251	137	52
Alaska.....	182	91	17	8	55	28	93	46	16	8
Arizona.....	1,528	243	328	63	387	55	627	54	65	15
Arkansas.....	3,483	831	1,478	415	304	87	1,388	191	91	32
California.....	17,094	2,598	2,531	393	6,689	861	4,407	368	807	180
Colorado.....	2,099	416	410	113	604	93	738	80	110	22
Connecticut.....	2,938	472	191	69	1,820	174	333	70	57	29
Delaware.....	783	203	165	62	200	56	211	43	73	15
District of Columbia.....	671	164			355	50	142	40	41	15
Florida.....	8,163	943	1,586	158	2,651	219	2,055	155	385	40
Georgia.....	7,925	1,398	2,930	619	1,098	200	2,978	286	239	58
Hawaii.....	1,175	212	236	59	493	51	274	45	89	16
Idaho.....	1,324	287	486	92	255	54	388	51	40	16
Illinois.....	9,998	1,808	3,138	458	2,698	678	3,525	336	354	145
Indiana.....	5,844	1,012	1,656	377	1,826	275	2,108	245	168	67
Iowa.....	3,804	902	1,755	411	535	149	1,200	211	140	44
Kansas.....	2,562	617	1,083	240	501	125	694	135	106	32
Kentucky.....	4,066	1,091	1,508	520	787	159	1,469	275	120	48
Louisiana.....	6,860	1,053	2,172	311	1,860	220	1,933	180	198	45
Maine.....	822	288	181	83	183	72	304	66	8	4
Maryland.....	2,297	544	400	123	1,272	173	349	110	67	33
Massachusetts.....	9,247	824	767	94	6,755	396	1,156	136	136	54
Michigan.....	8,103	1,709	1,633	410	2,691	481	2,403	308	537	106
Minnesota.....	6,248	1,117	2,206	395	1,605	186	1,786	211	252	51
Mississippi.....	4,438	1,035	1,976	551	506	91	1,594	231	108	36
Missouri.....	4,652	1,144	1,615	458	1,057	261	1,487	242	255	67
Montana.....	857	222	327	79	159	52	280	51	36	15
Nebraska.....	1,992	586	701	208	189	76	593	108	74	22
Nevada.....	738	214	154	54	171	50	225	46	81	15
New Hampshire.....	628	222	124	57	141	49	109	44	14	7
New Jersey.....	3,845	908	378	93	2,271	442	472	100	203	80
New Mexico.....	1,144	261	390	78	173	52	368	54	74	15
New York.....	13,563	3,006	1,577	397	8,662	1,320	807	342	1,042	241
North Carolina.....	9,428	1,935	3,920	733	1,267	226	2,927	397	279	67
North Dakota.....	1,329	347	384	133	199	52	551	71	37	15
Ohio.....	8,210	1,841	2,489	508	2,810	633	2,088	366	354	132
Oklahoma.....	6,185	882	2,700	297	920	145	1,782	163	108	37
Oregon.....	1,860	490	622	138	396	105	500	108	115	26
Pennsylvania.....	9,950	2,358	2,108	499	4,783	862	1,732	460	301	101
Rhode Island.....	507	165	63	32	278	73	134	43	7	3
South Carolina.....	4,146	778	1,742	368	653	116	1,499	197	130	35
South Dakota.....	1,037	291	419	134	167	53	367	66	39	16
Tennessee.....	5,781	1,204	1,833	627	1,228	191	2,123	272	146	52
Texas.....	19,468	2,071	7,590	707	2,225	536	8,242	469	917	131
Utah.....	1,400	237	349	57	558	55	256	46	42	15
Vermont.....	795	220	180	57	254	62	227	44	29	14
Virginia.....	6,769	1,177	1,809	410	1,468	216	2,468	260	540	55
Washington.....	5,353	706	1,027	172	1,041	181	1,659	132	231	40
West Virginia.....	2,377	668	601	247	838	126	725	194	70	23
Wisconsin.....	6,099	1,206	2,036	392	1,831	224	1,466	228	140	56
Wyoming.....	700	170	379	53	113	51	227	46	18	9
Puerto Rico.....	2,574	804	723	358	834	110	759	223	105	38
Guam.....	145	72	30	15	88	44	26	13	( <sup>3</sup> )	( <sup>3</sup> )
Virgin Islands.....	120	45	14	5	57	17	37	17	2	1

<sup>1</sup> Includes practical nursing beginning 1957, and area programs beginning 1959.

<sup>2</sup> Provisional. <sup>3</sup> Less than \$500.

Source: Department of Health, Education, and Welfare, Office of Education; *Digest of Annual Reports of State Boards for Vocational Education*, Circular OE-80008-60.

# No. 185. VOCATIONAL PROGRAMS, FEDERALLY AIDED—STUDENTS ENROLLED, BY TYPE OF PROGRAM, BY STATES AND OTHER AREAS: 1959 AND 1960

[For years ending June 30. Excludes vocational teacher-training courses. See also headnote, table 184]

STATE OR OTHER AREA	1959					1960 <sup>2</sup>				
	Total <sup>1</sup>	Agriculture	Trades and industry	Home economics	Distributive	Total <sup>1</sup>	Agriculture	Trades and industry	Home economics	Distributive
Total.....	3,701,121	787,223	968,114	1,585,860	310,591	3,768,149	796,237	938,490	1,588,109	303,784
Alabama.....	96,135	35,274	23,528	32,597	954	98,296	35,080	26,223	31,584	918
Alaska.....	1,896	51	1,131	691	23	1,693	18	613	1,004	86
Arizona.....	23,108	2,089	7,867	11,755	608	24,956	2,003	8,320	11,775	1,198
Arkansas.....	81,861	28,282	7,442	42,221	2,742	90,157	20,692	7,842	52,539	2,464
California.....	371,627	18,629	124,472	196,416	84,522	410,050	18,676	126,398	143,881	98,114
Colorado.....	53,913	2,733	22,690	20,378	6,529	53,466	3,035	20,490	20,067	7,451
Connecticut.....	29,528	764	10,152	7,968	1,614	22,901	835	8,105	5,779	1,033
Delaware.....	9,577	893	4,030	3,326	887	9,161	887	3,891	3,199	598
Dist. of Col.....	8,108	-----	3,392	3,174	862	7,970	-----	3,220	3,021	1,131
Florida.....	133,893	13,547	84,494	61,135	20,079	126,644	13,897	34,369	54,560	16,673
Georgia.....	154,902	43,073	26,649	77,270	7,021	157,966	43,637	26,554	78,442	7,035
Hawaii.....	10,292	2,320	4,771	6,476	2,535	17,839	2,219	5,095	6,691	3,514
Idaho.....	15,222	4,042	2,629	6,659	935	19,019	4,306	3,222	6,650	878
Illinois.....	114,780	26,067	29,163	53,373	4,141	112,957	25,879	29,449	49,575	4,324
Indiana.....	70,352	18,705	16,076	35,853	5,440	75,860	19,637	15,681	35,625	4,020
Iowa.....	65,625	26,216	12,045	24,455	2,572	61,740	25,673	9,725	23,241	1,883
Kansas.....	34,624	7,486	7,887	15,380	3,161	39,256	7,441	10,475	15,042	5,040
Kentucky.....	62,074	18,192	9,348	31,436	2,438	60,942	17,747	9,065	29,338	3,451
Louisiana.....	87,120	23,381	18,269	38,481	3,786	88,140	23,154	18,760	38,185	4,351
Maine.....	8,614	1,296	3,036	4,204	76	8,109	1,371	2,847	4,071	68
Maryland.....	26,849	3,609	11,276	9,423	2,194	25,929	3,572	10,891	9,850	1,188
Massachusetts.....	60,262	1,694	27,085	36,401	1,950	65,222	1,559	25,839	33,228	2,667
Michigan.....	138,144	17,550	42,410	58,949	15,540	134,849	17,327	40,364	50,703	14,763
Minnesota.....	93,262	27,152	21,520	38,145	3,704	100,283	27,629	20,362	43,064	4,062
Mississippi.....	94,338	42,875	8,177	36,928	5,295	90,347	42,863	7,353	37,533	5,423
Missouri.....	66,640	18,234	12,661	30,561	4,155	63,430	18,273	10,710	28,014	4,692
Montana.....	10,580	3,321	2,713	3,557	336	9,955	3,326	2,356	3,618	240
Nebraska.....	30,226	7,801	6,321	13,536	1,837	30,137	7,438	5,704	14,072	1,666
Nevada.....	7,156	688	2,419	3,683	250	7,421	619	2,309	2,996	882
New Hampshire.....	5,586	519	1,571	3,150	269	6,082	497	1,578	3,182	250
New Jersey.....	20,888	2,162	18,178	5,607	700	29,991	1,995	18,401	4,443	757
New Mexico.....	11,258	2,202	2,828	5,492	644	11,870	2,223	2,921	5,152	1,239
New York.....	208,098	10,232	99,765	87,397	8,109	197,168	10,586	96,160	77,981	8,832
North Carolina.....	128,182	52,256	15,782	53,697	4,943	135,505	54,461	17,322	55,432	5,630
North Dakota.....	14,187	3,726	2,767	7,183	264	15,456	3,737	3,115	8,096	230
Ohio.....	107,283	21,138	37,400	36,178	11,001	120,793	21,405	41,064	42,147	11,902
Oklahoma.....	75,913	32,731	11,594	28,384	1,952	70,366	27,020	11,151	26,072	1,871
Oregon.....	35,119	5,494	8,076	19,054	2,001	35,683	5,492	8,360	18,745	1,984
Pennsylvania.....	108,433	13,803	50,525	33,435	7,014	100,828	13,958	42,662	33,147	6,074
Rhode Island.....	7,073	416	3,457	3,122	21	7,229	365	3,336	2,977	23
South Carolina.....	113,079	43,960	9,754	55,400	3,730	111,095	43,629	9,821	54,137	3,021
South Dakota.....	12,260	4,582	2,078	4,937	591	12,313	4,495	2,344	4,703	604
Tennessee.....	105,645	25,504	15,743	59,354	3,774	107,049	25,693	14,842	61,206	3,624
Texas.....	301,701	63,451	48,432	140,472	45,811	331,939	109,291	43,065	139,919	32,457
Utah.....	20,672	4,273	5,086	14,958	4,284	28,430	4,169	5,550	13,804	4,016
Vermont.....	5,131	916	1,222	2,424	250	5,573	953	1,530	2,279	277
Virginia.....	101,130	23,423	10,747	43,214	13,214	101,335	21,835	21,056	46,684	10,701
Washington.....	114,439	9,100	50,604	44,936	4,514	106,447	8,688	39,357	42,681	4,750
West Virginia.....	81,012	5,690	10,715	13,363	810	81,333	5,688	10,325	13,155	1,252
Wisconsin.....	108,275	23,031	31,354	47,164	4,328	109,659	22,497	31,303	48,038	4,301
Wyoming.....	6,480	1,592	1,117	3,289	474	6,651	1,333	1,112	3,508	478
Puerto Rico.....	57,935	9,967	14,570	28,022	4,820	66,423	11,044	14,263	34,737	5,518
Guam.....	723	184	17	542	-----	762	134	257	361	-----
Virgin Islands.....	1,017	58	339	601	10	1,050	96	323	627	-----

<sup>1</sup> Includes practical nursing and area programs.

<sup>2</sup> Provisional.

Source: Department of Health, Education, and Welfare, Office of Education; *Digest of Annual Reports of State Boards for Vocational Education*, Circular OE-80008-60.



## Federal Programs

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## No. 186. FINANCIAL SUPPORT OF FEDERAL PROGRAMS FOR EDUCATION: 1951 TO 1959

[In thousands of dollars. For years ending June 30. Includes Alaska, Hawaii, Puerto Rico, and Virgin Islands for all years, and Guam for 1957]

DEPARTMENT OR AGENCY AND PROGRAM	1951	1953	1955	1957	1959
<b>Total</b> .....	<b>2,511,829</b>	<b>1,416,898</b>	<b>1,571,535</b>	<b>1,968,246</b>	<b>2,413,186</b>
Department of Health, Education and Welfare.....	111,370	310,875	302,240	457,277	737,864
Office of Education.....	51,321	235,029	253,461	222,260	353,533
Federally aided corporations.....	4,755	4,735	8,543	7,088	0,018
Office of Vocational Rehabilitation.....	191	10,075	1,089	4,037	0,399
Public Health Service.....	477	695	15,405	38,721	73,214
Social Security Administration.....			482	596	3,334
Surplus property utilization division allocations for education.....	54,626	58,841	113,260	183,675	202,366
Department of Agriculture.....	171,154	195,003	245,071	308,309	353,556
Agricultural Extension Service.....	32,141	32,117	39,800	50,030	53,885
School lunch and milk.....	118,082	133,640	109,291	200,431	275,945
Other.....	20,931	30,036	35,080	57,038	53,720
Department of Commerce.....	5,292	4,024	2,632	2,884	3,493
Maritime Administration schools.....	5,292	4,024	2,593	2,836	3,266
Other.....			39	48	227
Department of Defense.....	25,507	40,714	47,055	69,569	300,877
Service academies.....	13,648	15,956	16,351	23,480	38,503
Education for military personnel at civilian institutions.....	6,724	7,089	5,609	8,800	9,324
Education for off-duty personnel.....	5,135	8,683	9,370	10,579	12,081
Education of dependent children overseas.....		8,911	16,421	24,375	26,009
Research assistantships in educational institutions.....					207,253
Other.....		75	114	2,335	4,017
Department of the Interior.....	45,834	58,834	80,263	90,704	113,577
Alaska public works program.....	101	3,397	3,250	1,363	1,047
Bureau of Mines safety-training program.....	780	837	850	898	1,200
Education for Indians.....	27,118	30,117	37,541	49,433	59,348
Revenue from public lands.....	17,505	24,120	38,310	38,018	61,276
Other.....	330	354	312	482	706
Department of Justice.....	389	422	461	530	1,416
Bureau of Prisons.....	389	422	461	530	1,182
Other.....					234
Department of Labor.....	3,927	5,188	5,236	5,940	10,941
Apprenticeship and training.....	3,183	3,324	3,100	3,300	4,009
Foreign visitors program.....	744	1,864	2,076	2,541	3,167
Testing, counseling, and placement services.....					3,765
Department of State.....		37,402	40,100	47,751	57,811
Educational exchange program.....		29,360	10,768	18,605	26,500
Country missions.....		14,042	20,332	29,146	31,221
Department of the Treasury.....	1,800	2,565	2,500	3,350	5,212
U.S. Coast Guard Academy.....	1,768	2,513	2,435	3,205	4,008
Other.....	32	52	71	85	1,144
Atomic Energy Commission.....	18,908	25,221	24,479	30,717	51,047
Contract research.....	13,487	17,352	19,431	21,284	39,028
Fellowships.....	1,055	696	229	413	3,925
Expenditures for public schools.....	3,682	6,780	4,410	4,097	4,958
Operation of schools and conduct of courses.....	684	393	400	4,923	5,536
Canal Zone, public education.....	2,309	2,635	2,910	3,647	5,010
District of Columbia.....	2,728	2,310	5,063	5,077	7,742
Public education.....	2,695	2,277	5,010	5,027	7,680
Capitol Page School.....	33	33	47	60	62
Federal Aviation Agency.....	101	348	260	401	1,036
Aviation training of foreign nationals.....	100	345	244	432	994
Other.....	1	3	22	29	42
Federal Deposit Insurance Corporation, employee training.....				7	14
Library of Congress, reading material for the blind.....	1,000	1,000	1,000	1,007	1,308
National Aeronautics and Space Administration.....	710	618	675	580	5,023
Training and research centers.....					47
Research at educational institutions.....	710	618	675	580	4,970
National Science Foundation.....		3,220	10,109	34,952	122,820
Basic research.....		1,813	8,000	15,208	45,950
Research facilities.....				5,382	15,580
Fellowships.....		1,366	1,784	3,354	13,071
Institutes, course content improvement, and special projects.....		41	316	10,948	48,219
Office of Civil and Defense Mobilization.....				707	1,741
Tennessee Valley Authority.....	593	557	485	582	593
Veterans Administration.....	2,120,216	725,672	710,084	813,955	602,036
Vocational rehabilitation.....	176,875	57,760	40,770	30,598	22,307
Education and training.....	1,943,341	667,803	664,514	773,906	566,366
War orphans educational assistance.....				2,351	7,663
Fees to educational institutions.....			4,800	7,100	5,700

Source: Department of Health, Education, and Welfare, Office of Education; biennial report, *Federal Funds for Education*, Circular OE-10009.

# NO. 187. FEDERAL FUNDS ALLOTTED FOR EDUCATION, BY STATES AND OTHER AREAS: 1959

[In thousands of dollars]

STATE OR OTHER AREA	Total	FUNDS ADMINISTERED BY—				FUNDS FOR THE EDUCATION OF VETERANS		Other
		Dept. of Health, Education, and Welfare		Dept. of Agriculture		Total 4	Korean veterans	
		Total 1	Aid to Federally affected areas 2	Total 3	School lunch program			
Total	2,413,188	737,865	198,019	383,556	275,945	602,035	565,985	689,731
Alabama	46,771	17,857	4,665	10,631	7,810	17,367	16,510	916
Alaska	14,682	7,447	6,084	544	160	179	174	6,512
Arizona	18,043	9,330	5,779	3,210	2,039	4,623	4,324	1,479
Arkansas	20,934	6,460	1,059	7,493	4,606	6,550	6,078	431
California	167,512	72,369	38,191	28,018	18,030	59,347	57,741	12,277
Colorado	28,122	11,279	6,072	3,718	2,500	7,758	7,097	5,366
Connecticut	19,245	6,364	1,789	3,128	2,581	5,882	5,632	3,870
Delaware	3,620	1,904	321	818	448	540	522	208
Dist. of Columbia	25,755	1,094		721	721	9,511	9,149	13,530
Florida	50,242	22,315	7,767	7,980	6,716	18,352	17,228	1,595
Georgia	50,681	18,048	4,821	11,088	8,060	18,785	18,278	2,760
Hawaii	8,723	6,269	4,399	1,753	1,252	(5)	(5)	702
Idaho	9,581	4,103	1,450	2,810	1,119	2,350	2,213	309
Illinois	66,128	19,844	3,865	14,977	12,659	26,093	24,028	6,214
Indiana	34,386	10,691	1,653	8,339	6,369	12,423	11,833	2,034
Iowa	26,739	6,598	398	7,241	5,174	10,947	10,479	1,552
Kansas	22,626	9,716	4,785	5,017	3,520	6,040	5,783	1,553
Kentucky	28,575	9,283	1,081	9,567	6,852	9,128	8,686	597
Louisiana	34,043	9,000	1,442	9,397	7,317	14,345	13,917	1,301
Maine	10,376	5,490	1,251	2,157	1,492	2,084	1,995	645
Maryland	28,419	17,374	9,587	4,638	3,758	4,619	4,441	1,787
Massachusetts	53,420	18,195	4,096	7,873	7,135	17,032	15,465	10,320
Michigan	58,352	16,633	2,977	13,038	10,603	20,840	19,383	7,841
Minnesota	32,693	8,059	449	8,327	6,192	13,461	12,351	2,347
Mississippi	20,580	9,586	1,975	9,141	5,791	7,234	6,879	618
Missouri	38,995	12,011	2,960	9,167	6,710	15,860	15,035	1,957
Montana	9,914	2,792	1,143	2,501	925	2,315	2,200	2,306
Nebraska	15,393	5,473	1,968	3,199	1,933	6,471	6,099	255
Nevada	3,604	2,066	1,027	696	277	508	478	333
New Hampshire	5,874	2,556	683	1,253	798	1,699	1,685	306
New Jersey	20,612	10,992	2,670	5,905	5,198	10,837	10,287	1,877
New Mexico	24,929	11,002	6,430	3,054	2,073	3,234	3,134	7,638
New York	120,066	42,348	4,088	22,444	20,365	38,860	36,255	16,413
North Carolina	47,494	15,601	2,222	13,328	9,549	14,973	14,171	3,582
North Dakota	8,952	2,063	473	2,314	1,223	3,066	3,444	600
Ohio	57,345	18,917	3,839	15,465	12,831	19,416	18,355	3,548
Oklahoma	34,802	15,543	6,553	6,551	4,570	10,744	10,161	1,964
Oregon	39,945	6,053	951	11,131	2,453	5,846	5,475	16,915
Pennsylvania	75,886	21,206	1,867	16,217	13,400	33,521	31,704	4,922
Rhode Island	9,068	4,025	1,326	1,180	871	3,061	2,909	802
South Carolina	28,305	10,024	3,614	7,910	5,638	9,921	9,523	450
South Dakota	11,150	3,951	2,011	2,323	1,294	4,040	3,918	835
Tennessee	38,893	12,538	1,561	11,599	8,848	12,749	11,916	2,036
Texas	86,339	36,224	13,155	17,586	12,979	28,932	27,749	3,596
Utah	17,943	5,767	1,455	2,583	1,866	5,940	5,789	3,652
Vermont	3,930	1,585	70	1,051	534	958	874	336
Virginia	48,201	24,006	13,226	9,431	7,170	13,485	12,572	1,280
Washington	38,754	17,969	7,540	9,384	4,367	10,085	9,570	1,317
West Virginia	17,198	5,314	107	5,288	3,724	6,238	5,755	357
Wisconsin	34,273	8,335	320	8,581	6,423	12,054	11,373	5,354
Wyoming	16,823	1,950	561	1,186	504	1,037	981	12,650
Puerto Rico	12,807	4,001	—5	8,548	6,292			258
American Samoa	218							218
Canal Zone	5,068	49						5,019
Guam	953	928	763	25	25			
Virgin Islands	213	114		99	99			
National 6	618,394	106,161		6,570		5,700		499,964
Other	25,028			433	90	24,595	23,075	

<sup>1</sup> Includes, in addition to Federally affected areas, National Defense Training Act of 1953, funds for support of land-grant colleges, vocational education below college level, vocational rehabilitation, American Printing House for the Blind, value of surplus property transferred to educational institutions, education of Public Health personnel, etc.

<sup>2</sup> Areas affected by Federal activity and employment, e. g., defense production, etc.

<sup>3</sup> Includes, in addition to school lunch program, funds for Agricultural Experiment Stations, Cooperative Agricultural Extension Service, and National forests and submarginal lands.

<sup>4</sup> Includes also vocational rehabilitation under Public Laws 16 and 804, education and training under Public Law 346, and educational assistance for war orphans under Public Law 634.

<sup>5</sup> Hawaii included in "Other."

<sup>6</sup> Federal funds allotted to national programs which cannot be reported by States.

Source: Department of Health, Education, and Welfare, Office of Education; biennial report, *Federal Funds for Education*.

## Section 5

### Law Enforcement, Federal Courts, and Prisons

This section presents data on crimes, arrests, Federal court cases, the legal profession, Federal and State prisoners, and the use of the death penalty. The important publications in which figures relating to these subjects appear are: *Uniform Crime Reports*, an annual bulletin of the Federal Bureau of Investigation; the *Annual Report of the Director*, Administrative Office of the U.S. Courts; and the Bureau of Prisons annual review, *Federal Prisons*, and its *National Prisoner Statistics*, a series of periodical bulletins and reports.

In addition, limited information concerning juvenile delinquency and the operation of juvenile courts is collected by the Children's Bureau of the Department of Health, Education, and Welfare and statistics on the number of lawyers and certain of their characteristics are compiled by the American Bar Foundation, Chicago, Illinois. Data on prosecution and disposition of persons charged with misdemeanors and other minor offenses may be found for some of the larger cities in the annual reports of their municipal courts or governments.

**Law enforcement and legal jurisdiction.**—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 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 a Federal officer while engaged in his official duties, or unless they occur in Federal territories or reservations or on the high seas. 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. Yet the general system of law enforcement is quite similar from State to State, although there are among the States often substantial differences in the penalties provided for like offenses.

Law enforcement can be divided into three parts. The first covers the activities of the police agencies, namely, the investigation of crimes and the apprehension of persons suspected of committing them. This function involves agencies such as municipal police, county police, State police, sheriffs, constables, marshals, Federal agents, and many kinds of special officers. The second phase is the prosecution of those charged with criminal offenses to determine whether they are in fact guilty. The agencies concerned include the courts, justices of the peace, municipal, State, and Federal grand juries, and prosecuting court officers. The third division of administration is concerned with the punishment or treatment of those convicted of crime. While the courts usually determine the sentence after conviction, the application of the penalty is carried out by the prison, reformatory, or jail, or by probation or parole officials.

**Crime.**—Nearly all statistical data on crime and criminals are derived from the records and reports of the various agencies engaged in the administration of criminal law. Police statistics present the number of offenses reported, the number of persons arrested, and the offenses cleared by arrest. Arrest records provide data concerning sex, age, race, and other characteristics of the persons arrested and charged with crime. As the police agencies are largely local, a problem is involved in collecting statistical data from the large number of such agencies. The Federal Bureau of Investigation obtains reports from police agencies and publishes summaries for the

country as a whole in its annual *Uniform Crime Reports*. However, in publishing the data submitted by law enforcement agencies throughout the United States, the Federal Bureau of Investigation does not vouch for their accuracy. They are issued as information which may throw some light on problems of crime and criminal-law enforcement. The great majority of communities are now reporting to the Federal Bureau of Investigation and the reports received cover 96 percent of urban and rural population in the United States.

In 1958 the Federal Bureau of Investigation appointed a consultant committee to make a study of crime reporting in the United States. As a result of the findings and recommendations of this committee, the FBI has revised its methods of compiling, classifying, and presenting statistics on crime. Because of the changes in methodology and definitions, crime figures presented in this edition of the *Statistical Abstract* for the most part are not comparable with those shown in 1959 and prior editions. The revisions are discussed in *Uniform Crime Reports for the United States* for 1958 and 1959.

**Courts.**—Court statistics for criminal offenses and the outcome of the prosecutions for the country are quite incomplete. In many States, an annual or biennial publication presents data on the disposition of criminal cases in the trial courts. The only national compilation of such statistics was made by the Bureau of the Census which until 1945 published data annually in *Judicial Criminal Statistics* on the disposition of criminal cases in the general trial courts.

Comprehensive information on the business of the Federal courts is collected by the Administrative Office of the U.S. Courts and is published in the *Annual Report of the Director*. The bulk of civil 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 these courts. The question whether a State court or a Federal court has jurisdiction over a particular civil action is often difficult to determine, but generally speaking the Federal courts have jurisdiction over the following types of cases:

- (1) Suits or proceedings by the United States; (2) Suits or proceedings against the United States; (3) Civil actions between private parties arising under the Constitution, laws, or treaties of the United States; (4) Civil actions between private litigants who are citizens of different States; (5) Civil cases involving admiralty, maritime, or prize jurisdiction; (6) All matters and proceedings in bankruptcy.

The 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 Puerto Rico, the Virgin Islands, the Canal Zone, and Guam. Appeals from the district courts are taken to intermediate appellate courts of which there are 11. They are 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.

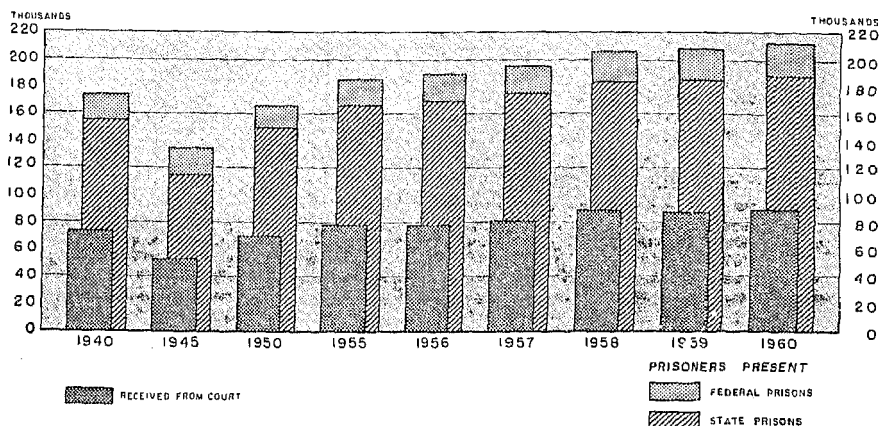
**Prisoners.**—Statistics of prisoners committed to penal institutions have been collected and published for a longer period of time than have other criminal statistics. Data on prisoners in Federal and State prisons and reformatories were collected annually by the Bureau of the Census until 1950 when this work was transferred to the Bureau of Prisons. Summary statistics covering persons received and discharged from State prisons and reformatories and from Federal prisons and persons executed in the United States under civilian authority are now published periodically by the Bureau of Prisons in *National Prisoner Statistics* and in its annual report, *Federal Prisons*. Also, nearly every State publishes annual data either for its whole prison system or for each separate State institution.

**Alaska and Hawaii.**—For a general statement concerning the treatment of data for Alaska and Hawaii, see preface.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics, Colonial Times to 1957*, series H 445-451") provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

FIG. IX. PRISONERS PRESENT IN FEDERAL AND STATE PRISONS AT END OF YEAR: 1940 TO 1960

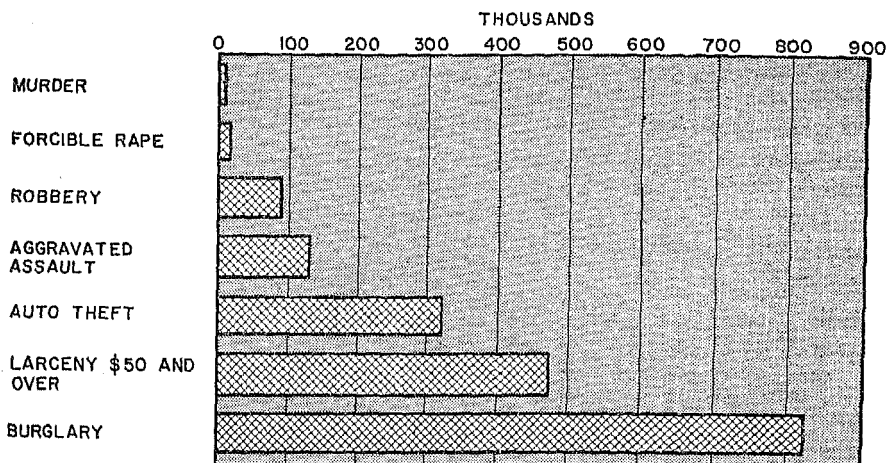
[See table 209]



Source: Chart prepared by Department of Commerce, Bureau of the Census. Data are from Department of Justice, Bureau of Prisons.

FIG. X. CRIMES KNOWN TO THE POLICE, BY TYPE: 1960

[See table 188]



Source: Chart prepared by Department of Commerce, Bureau of the Census. Data are from Department of Justice, Federal Bureau of Investigation.

## No. 188. CRIMES KNOWN TO THE POLICE, BY TYPE: 1957-59 AVERAGE AND 1960

[Includes Alaska and Hawaii. Estimates based on reports from city and rural law enforcement agencies representing 88 percent of the population for 1960, according to Bureau of the Census data. Figures not comparable with those published in 1959 and previous editions of the *Statistical Abstract*; see text, p. 146]

TYPE OF CRIME	ESTIMATED NUMBER OF OFFENSES		INCREASE			
	1957-59 average	1960	1957-59 to 1960		1959 to 1960	
			Number	Percent	Number	Percent
<b>Total</b> .....	<b>1,547,590</b>	<b>1,861,300</b>	<b>313,710</b>	<b>20</b>	<b>230,870</b>	<b>14</b>
Murder <sup>1</sup> .....	8,290	9,140	850	10	560	6
Forcible rape <sup>2</sup> .....	14,240	15,560	1,320	9	400	3
Robbery <sup>3</sup> .....	72,540	88,970	16,430	23	13,770	18
Aggravated assault <sup>4</sup> .....	116,020	130,230	14,210	12	6,640	5
Burglary <sup>5</sup> .....	663,500	821,100	157,600	24	122,800	18
Larceny \$50 and over <sup>6</sup> .....	388,800	474,900	86,100	22	59,100	14
Auto theft <sup>7</sup> .....	284,200	321,400	37,200	13	27,600	9

<sup>1</sup> Includes all willful felonious homicides; excludes suicides and justifiable homicides.

<sup>2</sup> Limited to forcible rapes and attempts.

<sup>3</sup> Includes the stealing or taking of anything of value by force or violence or by threat of force or violence; includes attempted robbery.

<sup>4</sup> Includes assault with intent to kill. Excludes simple assault, assault and battery, fighting, etc.

<sup>5</sup> Includes any unlawful entry to commit a felony or a theft. Includes attempted burglary and burglary followed by larceny.

<sup>6</sup> Includes theft of property or articles of value (except auto theft) without the use of force and violence or fraud. Excludes larceny resulting from burglary.

<sup>7</sup> Includes all cases where motor vehicles are driven away and abandoned. Excludes those taken for temporary use when actually returned by the taker.

Sources: Department of Justice, Federal Bureau of Investigation; annual report, *Uniform Crime Reports for the United States*.

## No. 189. URBAN CRIMES KNOWN TO THE POLICE: 1955-59 AVERAGE AND 1960

[Excludes Alaska and Hawaii. Offenses known to the police in 2,382 cities over 2,500, total population 77,356,000, according to Bureau of the Census data. For definitions not shown here, see footnotes, table 188. Figures not comparable with those published in 1959 and previous editions of the *Statistical Abstract*; see text, p. 146. See also *Historical Statistics, Colonial Times to 1957*, series H 445-451, for related but not comparable data]

TYPE OF CRIME	NUMBER OF OFFENSES		Percent increase
	1955-59 average	1960	
<b>Total</b> .....	<b>1,493,618</b>	<b>1,850,298</b>	<b>23.9</b>
Murder and nonnegligent manslaughter.....	3,140	3,541	12.8
Manslaughter by negligence <sup>1</sup> .....	2,129	2,352	10.5
Forcible rape <sup>2</sup> .....	5,806	6,866	18.3
Robbery.....	38,691	47,638	23.1
Aggravated assault.....	61,805	70,150	13.5
Burglary—breaking or entering.....	333,425	432,905	29.8
Larceny—theft <sup>3</sup> .....	892,784	1,104,048	23.7
Auto theft.....	155,838	182,797	17.3

<sup>1</sup> Includes deaths primarily attributable to gross negligence on the part of some individual other than the victim.

<sup>2</sup> Beginning 1958, the rape category was limited to forcible offenses. Prior to 1958 statutory cases were also included. The forcible rapes used to construct the annual averages for 1955-59 were estimates based on special offense analyses furnished by over 400 selected cities (total population over 50,000,000) which showed the proportion of reported rapes classified as forcible each year.

<sup>3</sup> Includes all reported thefts regardless of value of property stolen.

Sources: Department of Justice, Federal Bureau of Investigation; annual report, *Uniform Crime Reports for the United States*.

## No. 190. CRIME RATES, BY TYPE, BY STATES: 1959 AND 1960

[Rates based on offenses known per 100,000 population. Based on 1960 Bureau of the Census population data, excluding Armed Forces abroad. For definitions of crimes, see footnotes, table 188. Figures not comparable with those published in 1959 and previous editions of the *Statistical Abstract*, see text, p. 146]

STATE	MURDER AND NON-NEGLIGENT MAN-SLAUGHTER		FORCIBLE RAPE		ROBBERY		AGGRAVATED ASSAULT		BURGLARY—BREAKING OR ENTERING		LARCENY—\$50 AND OVER		AUTO THEFT	
	1959	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959	1960
U.S. <sup>1</sup> .....	4.8	5.1	8.5	8.7	42.3	49.6	69.5	72.6	392.9	457.9	234.0	264.8	165.3	179.2
N.E.	1.3	1.5	3.8	4.4	14.2	14.9	19.3	18.2	296.9	316.1	169.2	194.7	165.7	180.6
Maine.....	1.5	1.7	4.3	5.0	8.7	7.9	12.1	10.7	240.8	248.0	129.5	150.7	102.8	117.9
N.H.....	2.7	1.3	3.0	4.1	0.7	3.0	4.8	4.0	279.5	182.6	100.2	88.5	73.6	57.7
Vt.....	0.5	0.3	1.3	2.3	1.3	2.3	2.6	4.6	208.1	242.1	77.7	201.9	75.1	87.7
Mass.....	1.2	1.5	4.5	5.0	16.5	21.2	19.4	20.1	287.5	309.9	169.5	185.1	109.6	215.6
R.I.....	0.9	1.0	2.1	2.3	20.0	14.5	27.1	19.8	442.8	517.3	300.6	419.2	264.6	317.3
Conn.....	1.3	1.7	3.1	4.2	13.4	9.5	25.5	21.9	314.2	330.7	170.0	179.0	103.3	131.1
M.A.	2.7	2.8	7.4	7.5	38.8	41.8	65.2	64.7	315.2	345.4	260.7	289.7	150.4	165.8
N.Y.....	3.0	2.9	6.2	6.3	42.9	44.1	75.8	73.8	302.5	336.3	368.1	403.3	164.1	178.2
N.J.....	2.4	2.9	7.4	7.9	38.2	46.0	66.8	59.8	362.6	438.6	204.2	236.9	170.0	201.9
Pa.....	2.5	2.8	9.2	9.0	33.2	36.1	54.0	53.7	308.5	308.8	132.1	149.6	116.5	128.2
E.N.C.	3.6	3.9	8.4	8.7	65.0	76.9	58.9	62.8	379.7	444.0	217.7	249.1	179.5	193.6
Ohio.....	3.2	3.3	5.5	6.0	34.4	41.6	31.4	34.2	287.4	350.4	193.3	195.4	126.7	138.1
Ind.....	3.4	4.4	5.4	4.7	28.1	34.4	30.9	37.4	382.3	429.7	170.8	182.8	155.0	162.2
Ill.....	4.5	5.1	12.2	12.4	137.4	159.7	91.4	94.2	445.0	621.4	312.3	340.1	282.0	307.5
Mich.....	4.2	4.3	11.3	12.4	60.0	73.7	89.4	96.0	510.0	592.1	225.9	273.9	175.8	178.5
Wis.....	1.1	1.3	3.1	2.8	7.8	8.5	15.8	16.9	178.9	199.6	187.3	178.1	84.6	106.4
W.N.C.	2.8	2.4	5.5	5.8	31.8	35.2	30.7	30.6	314.1	359.3	172.6	194.0	113.7	126.0
Minn.....	1.0	1.3	2.3	2.5	19.5	29.4	8.1	10.8	271.7	360.1	174.8	218.0	115.8	141.8
Iowa.....	1.4	0.6	3.0	3.7	9.0	11.2	8.4	8.7	219.7	233.5	155.3	181.9	70.1	77.1
Mo.....	5.8	4.6	9.7	11.0	72.8	76.2	75.9	71.6	468.8	523.4	215.1	231.9	170.7	177.0
S. Dak.....	0.5	0.5	3.7	2.2	4.8	6.3	5.4	5.2	174.6	199.2	83.2	93.4	59.7	68.5
N. Dak.....	2.1	2.1	6.2	5.4	14.9	9.1	14.0	16.0	254.0	247.9	206.1	198.8	100.3	86.6
Nebr.....	2.8	2.3	5.5	4.2	12.2	18.0	12.7	16.5	202.6	231.8	110.0	125.6	102.6	125.8
Kans.....	2.4	3.2	6.0	5.3	24.9	20.8	29.3	29.0	325.9	355.4	161.4	168.6	80.3	91.0
S.A. <sup>1</sup>	9.2	9.7	8.4	7.8	32.8	38.5	120.2	118.9	389.3	440.8	195.8	220.5	134.5	140.6
Del.....	4.1	6.5	7.2	8.3	25.7	21.2	21.1	462.6	557.0	177.1	179.3	179.3	162.7	162.7
Md.....	4.4	5.5	7.1	7.3	40.9	37.9	87.8	90.1	320.3	366.8	241.3	239.7	191.5	184.3
Va.....	8.8	10.0	7.3	7.8	26.8	25.3	104.2	102.1	311.1	346.3	184.6	212.0	125.6	120.0
W. Va.....	4.4	4.4	6.0	4.4	12.9	13.5	31.6	35.5	225.1	239.0	101.8	98.4	75.3	71.5
N.C.....	8.9	10.1	8.2	7.3	14.9	17.0	182.2	182.1	254.2	258.2	113.1	140.2	71.4	78.2
S.C.....	12.2	13.3	8.7	9.4	15.1	20.4	113.8	102.2	343.6	371.4	195.0	205.4	83.5	104.7
Ga.....	13.4	12.0	10.6	7.6	26.5	26.6	101.7	93.9	351.2	403.1	162.7	179.4	141.7	153.7
Fla.....	10.2	10.5	8.5	8.4	61.0	31.1	110.1	114.7	701.1	829.6	306.8	366.1	181.7	198.6
E.S.C.	9.0	9.6	6.9	6.1	24.4	26.7	73.2	73.3	335.3	371.0	154.5	164.7	108.8	105.5
Ky.....	5.3	6.8	6.8	5.5	28.3	33.7	45.4	51.8	341.9	370.8	185.2	211.5	139.2	125.7
Tenn.....	7.0	8.5	6.6	5.2	20.9	27.8	56.2	50.4	437.8	469.4	151.4	153.5	135.7	132.2
Ala.....	12.9	12.9	8.3	8.3	25.1	26.9	111.1	123.2	321.9	368.6	174.7	183.2	96.4	95.6
Miss.....	11.4	10.0	5.4	5.1	13.9	15.0	83.0	66.0	179.1	205.3	80.7	89.8	41.0	48.4
W.S.C.	8.5	8.5	8.8	9.8	30.4	35.8	79.3	89.1	413.0	528.5	202.3	231.1	150.3	170.6
Ark.....	10.4	8.6	7.8	8.7	25.2	25.0	51.3	56.7	204.7	273.9	146.3	160.2	53.2	46.5
La.....	5.7	8.7	0.4	9.5	30.8	52.8	40.6	78.0	333.3	411.2	161.7	242.8	161.5	225.3
Okl.....	6.7	7.5	11.0	12.8	24.5	40.2	32.2	36.0	391.6	536.7	255.9	261.0	190.8	199.4
Texas.....	9.6	8.7	9.2	9.3	30.6	32.8	107.0	111.8	490.0	613.8	212.8	233.1	167.6	168.1
Mt.	4.5	4.7	10.5	11.6	43.8	49.6	45.3	58.5	467.7	527.7	306.9	344.9	243.9	254.5
Mont.....	4.0	3.9	7.9	7.3	23.8	28.0	17.8	24.5	351.3	401.3	265.7	289.3	193.1	248.1
Idaho.....	2.3	2.4	5.1	7.0	11.5	13.9	18.7	14.7	275.3	301.3	231.3	265.0	113.5	100.0
Wyo.....	4.3	4.8	7.0	7.0	15.0	53.6	19.3	51.5	288.8	300.2	305.3	331.8	122.5	114.8
Colo.....	5.4	4.2	11.8	13.3	72.2	80.0	38.8	41.0	539.7	579.7	289.2	317.3	227.1	217.5
N. Mex.....	6.0	7.3	8.6	12.0	36.9	38.7	58.8	89.0	418.0	434.9	321.7	378.4	319.5	371.1
Ariz.....	5.2	6.1	15.2	16.1	48.2	54.6	93.6	120.1	572.4	697.1	387.5	415.0	378.1	399.6
Utah.....	1.0	1.6	8.0	9.5	18.7	28.0	25.9	34.5	308.5	517.7	245.7	320.1	159.2	207.3
Nev.....	7.8	8.8	17.1	12.6	106.6	74.0	38.7	50.5	958.6	913.5	469.2	541.9	317.8	391.9
Pac.	3.0	3.6	15.5	15.5	61.5	80.2	84.0	94.0	643.4	796.1	389.6	450.0	258.9	286.1
Wash.....	1.9	2.1	6.2	5.9	27.2	31.5	14.0	15.5	446.0	483.7	292.7	331.5	170.0	158.0
Oreg.....	2.2	2.4	8.3	9.3	28.1	31.0	21.8	26.0	300.9	406.3	274.3	317.5	123.8	130.9
Calif.....	3.3	3.9	18.6	18.3	73.8	98.0	107.4	120.2	718.8	913.3	427.2	494.5	286.7	328.1
Alaska.....	5.4	10.2	7.6	20.8	25.6	28.3	42.0	45.1	242.5	332.1	315.3	352.4	325.6	242.3
Hawaii.....	2.7	2.4	3.7	3.3	17.9	10.9	9.5	5.2	598.5	525.9	244.9	284.9	324.2	269.9

<sup>1</sup> Includes District of Columbia.

Source: Department of Justice, Federal Bureau of Investigation; annual report, *Uniform Crime Reports for the United States*.

## No. 191. HOMICIDES AND SUICIDES, BY TYPE AND SEX: 1930 TO 1959

[Beginning 1959, includes Alaska. Excludes Armed Forces abroad]

ITEM	1930		1940		1950		1955		1959	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
<b>Homicide</b> .....	8,373	2,100	6,647	1,682	6,089	1,853	5,630	1,788	6,068	2,091
Assault by—										
Firearms and explosives	5,800	1,186	3,761	894	3,163	1,016	2,870	937	3,328	1,129
Cutting and piercing										
strutments	1,211	342	1,660	404	1,510	369	1,469	357	1,450	354
Other means	1,213	570	1,105	884	1,055	466	988	491	1,015	607
Intervention of police	(1)	(1)	(1)	(1)	280	2	225	2	226	1
Execution	140	2	121	-----	81	-----	78	1	49	-----
<b>Suicide</b> .....	14,319	4,004	14,466	4,441	13,297	3,848	12,961	3,799	14,441	4,192
Poisoning	3,458	2,083	3,537	2,086	2,461	1,508	2,189	1,240	2,529	1,519
Hanging and strangulation										
.....	2,748	520	2,776	778	2,759	833	2,689	902	2,731	794
Firearms and explosives	6,088	647	6,316	763	6,571	806	6,808	955	7,761	1,037
Other	2,026	754	1,848	814	1,506	701	1,275	702	1,430	842

<sup>1</sup> Not available.Source: Department of Health, Education, and Welfare, Public Health Service; annual report, *Vital Statistics of the United States*.

## No. 192. CRIMES KNOWN TO THE POLICE, BY URBAN POPULATION GROUPS: 1959 AND 1960

[Includes Alaska and Hawaii. For definitions of crimes, see footnotes, tables 188 and 189. Figures not comparable with those published in 1959 and previous editions of the *Statistical Abstract*; see text, p. 146]

POPULATION GROUP	Total	CRIMINAL HOMICIDE		Forcible rape	Robbery	Aggravated assault	Burglary—breaking or entering	Larceny—thrift (except auto theft) <sup>1</sup>	Auto theft
		Murder and nonnegligent manslaughter	Man-slaughter by negligence						
<b>Total, 3,122 cities:</b>									
1959.....	1,963,040	4,126	2,676	7,829	49,081	77,917	453,125	1,158,005	210,281
1960.....	2,195,150	4,321	2,922	8,198	57,582	80,761	521,799	1,294,054	225,513
Percent change.....	+11.8	+4.7	+9.2	+4.7	+17.3	+3.7	+15.2	+11.7	+7.2
<b>47 cities, 250,000 or more:</b>									
1959.....	902,702	2,235	1,887	5,107	33,583	49,867	221,343	471,481	117,699
1960.....	998,872	2,827	1,474	5,182	40,092	51,322	253,225	520,498	124,762
Percent change.....	+10.7	+4.1	+6.3	+1.5	+19.4	+2.9	+14.4	+10.4	+6.0
<b>80 cities, 100,000 to 249,999:</b>									
1959.....	282,217	607	431	739	5,744	9,203	64,350	170,898	30,245
1960.....	320,620	648	475	881	6,639	9,587	75,759	183,353	33,278
Percent change.....	+13.6	+6.8	+10.2	+19.2	+15.6	+4.2	+17.7	+13.1	+10.0
<b>185 cities, 50,000 to 99,999:</b>									
1959.....	255,879	441	339	654	4,189	7,443	57,133	162,480	23,200
1960.....	285,161	427	371	708	4,701	7,586	65,071	183,939	25,808
Percent change.....	+12.6	-3.2	+9.4	+8.3	+12.2	+1.9	+13.9	+13.2	+9.1
<b>367 cities, 25,000 to 49,999:</b>									
1959.....	228,567	337	249	574	2,574	4,809	48,014	153,193	18,817
1960.....	258,191	370	290	603	2,939	5,099	55,630	173,397	19,854
Percent change.....	+13.0	+9.8	+16.5	+5.1	+14.2	+6.0	+15.9	+13.2	+5.5
<b>840 cities, 10,000 to 24,999:</b>									
1959.....	196,707	301	166	507	1,933	4,246	40,268	135,369	13,917
1960.....	219,104	323	200	536	2,114	4,684	40,159	150,062	14,996
Percent change.....	+11.4	+7.3	+20.5	+6.7	+9.4	+10.3	+14.7	+10.9	+7.8
<b>1,603 cities, less than 10,000:</b>									
1959.....	96,908	205	104	248	1,058	2,340	22,017	64,584	6,403
1960.....	110,202	226	112	288	1,097	2,483	25,916	72,755	7,325
Percent change.....	+13.6	+10.2	+7.7	+16.1	+3.7	+5.7	+17.7	+12.7	+14.4

<sup>1</sup> Includes larceny under \$50.Source: Department of Justice, Federal Bureau of Investigation; annual report, *Uniform Crime Reports for the United States*.



## No. 193. SELECTED CRIMES IN 407 CITIES OF 25,000 OR MORE: 1959 AND 1960

[Excludes Alaska and Hawaii. Represents a total population of 55,809,000 according to 1960 Bureau of the Census data. Minus sign (—) denotes decrease. For definitions of crimes, see footnotes, tables 188 and 189. Figures not comparable with those published in 1959 and previous editions of the *Statistical Abstract*; see text, p. 146]

TYPE OF CRIME	OFFENSES		PERCENT—		TYPE OF CRIME	OFFENSES		PERCENT—	
	1959	1960	Increase, 1959 to 1960	Distribution, 1960		1959	1960	Increase, 1959 to 1960	Distribution, 1960
<b>Robbery</b> .....	38,236	44,579	16.6	100.0	<b>Larceny—(theft (except auto theft), by value.</b>				
Highway.....	19,302	21,798	12.9	48.9	\$50 and over.....	218,014	238,904	9.6	27.7
Commercial house.....	9,437	12,208	29.4	27.4	\$5 to \$50.....	440,056	498,591	11.0	57.9
Oil station.....	1,955	2,595	31.2	5.8	Under \$5.....	110,173	123,618	12.2	14.4
Chain store.....	1,513	1,262	-16.6	2.8	<b>Larceny—(theft by type</b> <sup>1</sup>				
Residence.....	2,996	3,316	10.7	7.4	Pocket-picking.....	7,082	7,831	10.6	1.0
Bank.....	292	292	11.5	0.7	Purse-snatching.....	10,108	11,509	13.9	1.8
Miscellaneous.....	2,771	3,138	13.2	7.0	Shoplifting.....	45,196	51,301	13.5	6.0
<b>Burglary—breaking or entering</b> .....	315,011	363,541	15.4	100.0	Thefts from autos (exc. accessories).....	143,799	163,914	14.0	19.0
<b>Residence (dwelling):</b>					Auto accessories.....	195,187	207,924	6.5	24.1
Night.....	72,766	88,557	21.7	24.4	Bicycles.....	105,978	117,329	10.7	13.6
Day.....	55,242	55,645	2.5	15.6	All other.....	269,913	301,305	11.6	35.0
<b>Nonresidence (store, office, etc.):</b>									
Night.....	172,468	201,600	16.9	55.5					
Day.....	14,537	16,739	15.1	4.6					

<sup>1</sup> Includes thefts of less than \$50.

Source: Department of Justice, Federal Bureau of Investigation; annual report, *Uniform Crime Reports for the United States*.

## No. 194. TYPE AND VALUE OF PROPERTY STOLEN AND RECOVERED: 1959 AND 1960

[In thousands of dollars, except percent. Excludes Alaska and Hawaii. Represents 309 cities over 25,000 for 1959, total population 59,016,000; and 407 cities over 25,000 for 1960, total population 55,809,000]

TYPE OF PROPERTY	1959			1960		
	Value of property		Percent recovered	Value of property		Percent recovered
	Stolen	Recovered		Stolen	Recovered	
<b>Total</b> .....	269,000	142,100	52.8	281,300	147,300	52.4
Currency, notes, etc.....	30,900	2,600	8.4	34,200	3,100	9.1
Jewelry and precious metals.....	23,800	1,800	7.6	24,400	2,000	8.2
Furs.....	8,800	300	3.4	7,700	400	5.2
Clothing.....	12,100	1,400	11.6	13,100	1,400	10.7
Locally stolen automobiles.....	135,500	124,600	92.0	138,900	128,400	92.4
Miscellaneous.....	57,900	11,400	19.7	63,000	12,000	19.0

Source: Department of Justice, Federal Bureau of Investigation; annual report, *Uniform Crime Reports for the United States*.

# **No. 195. OFFENSES CLEARED BY ARREST AND PERSONS CHARGED PER 100 KNOWN OFFENSES; AND PERSONS FOUND GUILTY PER 100 PERSONS FORMALLY CHARGED: 1960**

[Includes Alaska and Hawaii. For definitions of crimes, see footnotes, tables 188 and 189. Figures not comparable with those published in 1959 and previous editions of the *Statistical Abstract*; see text, p. 146]

TYPE OF CRIME	ALL REPORTING CITIES <sup>1</sup>			CITIES HAVING 25,000 INHABITANTS OR MORE <sup>2</sup>			
	Offenses known	Offenses cleared by arrest	Persons charged	Persons charged (held for prose- cution)	Persons found guilty—		
					Total	Of offense charged	Of lesser offense
Total.....	100.0	26.1	19.8	100.0	76.3	75.7	0.6
Criminal homicide:							
Murder and nonnegligent man- slaughter.....	100.0	92.3	96.8	100.0	59.8	42.0	17.8
Manslaughter by negligence.....	100.0	83.3	66.7	100.0	36.4	28.0	8.4
Forcible rape.....	100.0	72.5	74.2	100.0	50.8	36.3	14.5
Robbery.....	100.0	38.5	42.8	100.0	58.7	41.7	17.0
Aggravated assault.....	100.0	75.8	63.3	100.0	43.2	25.4	17.8
Burglary—breaking or entering.....	100.0	29.5	19.3	100.0	67.4	52.7	14.7
Larceny—theft.....	100.0	20.1	14.8	100.0	72.0	66.3	5.7
Auto theft.....	100.0	25.7	21.4	100.0	64.0	53.6	10.4

<sup>1</sup> 2,351 cities; population, 83,420,000.

<sup>2</sup> 279 cities; population, 39,026,000.

Source: Department of Justice, Federal Bureau of Investigation; annual report, *Uniform Crime Reports for the United States*.

## **No. 196. URBAN AND RURAL ARREST RATES: 1960**

OFFENSE CHARGED	TOTAL (3,443 AGENCIES, TOTAL POPULATION 108,779,000)		CITIES (2,400 CITIES, POPULATION 81,661,000)		RURAL (983 AGENCIES, POPULATION 27,118,000)	
	Number	Rate per 100,000	Number	Rate per 100,000	Number	Rate per 100,000
<b>Total</b> .....	3,959,559	3,640.0	3,552,054	4,349.8	407,505	1,502.7
<b>Criminal homicide:</b>						
Murder and nonnegligent manslaughter.....	5,534	5.1	4,507	5.5	1,027	3.8
Manslaughter by negligence.....	2,422	2.2	1,766	2.2	656	2.4
Robbery.....	32,791	30.1	29,326	35.9	3,465	12.8
Aggravated assault.....	59,961	55.1	52,277	64.0	7,684	28.3
Other assaults.....	153,222	140.9	134,538	164.8	18,684	68.9
Burglary—breaking or entering.....	137,800	126.7	110,047	134.8	27,753	102.3
Larceny—theft.....	237,193	218.1	207,548	254.2	29,645	109.3
Auto theft.....	63,682	58.5	54,024	66.2	9,658	35.6
Embezzlement and fraud.....	42,180	38.8	32,550	39.9	9,639	35.5
Stolen property; buying, receiving, etc.....	11,792	10.8	10,049	12.3	1,743	6.4
Forgery and counterfeiting.....	25,244	23.2	18,958	23.2	6,286	23.2
Forcible rape.....	7,719	7.1	6,068	7.4	1,651	6.1
Prostitution and commercialized vice.....	26,482	24.3	25,351	31.7	631	2.3
Other sex offenses (includes statutory rape).....	50,101	46.1	44,532	54.5	5,569	20.5
Narcotic drug laws.....	27,735	25.5	23,430	28.7	4,305	15.9
Weapons; carrying, possessing, etc.....	38,120	35.0	34,520	42.3	3,600	13.3
Offenses against family and children.....	50,557	46.5	34,203	41.9	16,354	60.3
Liquor laws.....	106,347	97.8	86,818	106.3	19,529	72.0
Driving while intoxicated.....	183,943	169.1	146,381	179.3	37,562	138.5
Disorderly conduct.....	475,502	437.1	449,444	550.4	26,058	96.1
Drunkenness.....	1,412,187	1,298.2	1,326,407	1,624.3	85,760	318.2
Vagrancy.....	153,201	140.8	146,105	178.9	7,096	26.2
Gambling.....	122,946	113.0	119,243	146.0	3,703	13.7
All other offenses.....	532,909	489.9	453,462	555.3	79,447	293.0
Suspicion (excluded from total).....	136,325	125.3	126,782	155.3	9,543	35.2

Source: Department of Justice, Federal Bureau of Investigation; annual report, *Uniform Crime Reports for the United States*.

## No. 197. ARRESTS IN URBAN AND RURAL PLACES, BY AGE GROUPS: 1960

[Includes Alaska and Hawaii. Represents arrests reported by 2,460 cities of 2,500 or more, population of 81,661,000 (73 percent of total population of all cities), and those reported by 981 rural agencies, population of 24,688,000; population figures according to 1960 Bureau of the Census data. Each person arrested is counted rather than the number of charges that may be filed against one person. Arrest of a juvenile is counted with the offense actually committed even though a technical charge, such as juvenile delinquency, must be filed under local procedure. Figures not comparable with those published in 1959 and previous editions of the *Statistical Abstract*; see text, p. 146]

OFFENSE CHARGED	Total, all ages	AGE (years)							
		Under 18	18 to 20	21 to 24	25 to 34	35 to 44	45 to 49	50 and over	Not known
URBAN									
Total	3, 678, 836	526, 905	295, 955	358, 527	786, 725	792, 612	320, 587	595, 021	2, 504
Criminal homicide:									
Murder and nonnegligent man- slaughter	4, 507	346	481	586	1, 331	959	309	515	-----
Manslaughter by negligence	1, 766	131	205	282	495	299	104	250	-----
Robbery	29, 326	8, 154	5, 738	5, 441	6, 785	2, 407	445	406	-----
Aggravated assault	52, 277	6, 074	4, 641	6, 748	15, 582	11, 430	3, 119	4, 683	-----
Other assaults	134, 538	13, 544	11, 458	13, 783	43, 194	20, 366	7, 989	10, 168	36
Burglary—breaking or entering	110, 047	55, 231	16, 646	12, 687	14, 999	6, 462	1, 381	1, 582	69
Larceny—thft	207, 548	102, 093	25, 191	18, 050	28, 113	17, 820	5, 755	10, 506	20
Auto theft	54, 024	33, 558	8, 914	4, 610	4, 332	1, 948	358	296	8
Embezzlement and fraud	32, 550	841	1, 756	4, 243	11, 551	9, 056	2, 336	2, 755	12
Stolen property; buying, receiving, etc.	10, 049	2, 754	1, 356	1, 375	2, 187	1, 306	453	554	4
Forgery and counterfeiting	18, 958	1, 493	2, 001	3, 182	6, 414	3, 975	880	1, 007	6
Forcible rape	6, 068	1, 242	1, 314	1, 128	1, 553	565	120	140	-----
Prostitution and commercialized vice	25, 851	424	2, 099	5, 924	10, 214	4, 695	1, 051	1, 441	3
Other sex offenses (incl. statutory rape)	44, 532	9, 205	5, 005	6, 157	10, 980	7, 476	2, 065	3, 632	12
Narcotic drug laws	23, 430	950	3, 000	5, 225	9, 873	3, 012	504	758	3
Weapons; carrying, possessing, etc.	34, 520	6, 567	4, 579	5, 273	8, 783	5, 333	1, 598	2, 385	2
Offenses against family and children	34, 203	608	2, 483	5, 154	13, 291	8, 507	2, 034	2, 028	8
Liquor laws	86, 818	16, 690	23, 075	6, 770	12, 696	13, 039	5, 274	9, 261	13
Driving while intoxicated	140, 381	1, 128	5, 724	15, 133	40, 090	42, 519	16, 791	24, 958	38
Disorderly conduct	449, 444	51, 729	49, 929	57, 656	109, 933	92, 758	32, 516	54, 777	146
Drunkness	1, 326, 407	12, 936	37, 362	82, 511	282, 912	386, 110	181, 907	361, 479	1, 190
Vagrancy	146, 105	9, 143	14, 597	14, 295	27, 740	32, 093	14, 789	33, 371	77
Gambling	119, 243	1, 730	3, 577	10, 754	32, 354	31, 304	13, 221	26, 279	24
Suspicion	126, 782	22, 303	22, 645	20, 938	29, 933	17, 130	5, 490	8, 308	85
All other offenses	453, 402	160, 945	42, 170	46, 642	81, 440	62, 983	20, 008	33, 476	798
RURAL									
Total	398, 760	59, 823	51, 724	51, 549	90, 662	75, 465	27, 521	41, 920	96
Criminal homicide:									
Murder and nonnegligent man- slaughter	982	54	92	135	284	203	59	155	-----
Manslaughter by negligence	553	41	87	112	157	81	26	54	-----
Robbery	3, 221	428	821	755	859	293	45	30	-----
Aggravated assault	7, 414	605	1, 021	1, 114	2, 158	1, 446	439	635	-----
Other assaults	18, 396	1, 106	1, 791	2, 772	5, 855	4, 138	1, 174	1, 558	2
Burglary—breaking or entering	25, 764	10, 452	5, 856	3, 669	3, 684	1, 436	305	352	-----
Larceny—thft	27, 594	9, 201	5, 862	3, 766	4, 405	2, 531	724	1, 037	8
Auto theft	8, 834	4, 009	1, 590	993	1, 014	458	96	73	1
Embezzlement and fraud	9, 423	147	499	1, 288	3, 575	2, 525	665	720	4
Stolen property; buying, receiving, etc.	1, 613	315	332	271	380	205	57	73	-----
Forgery and counterfeiting	6, 073	324	716	1, 041	2, 027	1, 297	317	351	-----
Forcible rape	1, 603	164	368	391	450	161	40	49	-----
Prostitution and commercialized vice	597	23	39	153	232	100	20	30	-----
Other sex offenses (incl. statutory rape)	5, 292	825	805	905	1, 192	854	265	446	-----
Narcotic drug laws	4, 101	227	830	1, 139	1, 434	322	72	77	-----
Weapons; carrying, possessing, etc.	3, 346	579	490	552	828	516	155	226	-----
Offenses against family and children	16, 071	104	1, 010	2, 493	6, 099	4, 302	1, 047	919	1
Liquor laws	10, 242	3, 715	7, 392	2, 008	2, 161	1, 908	781	1, 247	-----
Driving while intoxicated	34, 351	281	1, 477	3, 557	8, 747	9, 829	4, 200	6, 251	-----
Disorderly conduct	23, 299	2, 284	3, 691	4, 042	6, 447	4, 145	1, 414	2, 269	7
Drunkness	83, 093	1, 846	4, 890	8, 363	18, 673	23, 039	10, 180	16, 981	21
Vagrancy	7, 069	301	776	730	1, 361	1, 567	710	1, 534	-----
Gambling	3, 359	60	135	293	982	896	310	693	-----
Suspicion	9, 399	3, 003	1, 704	1, 240	1, 536	984	368	564	-----
All other offenses	77, 176	18, 959	9, 444	9, 772	17, 072	12, 240	4, 046	5, 591	52

Source: Department of Justice, Federal Bureau of Investigation; annual report, *Uniform Crime Reports for the United States*.

## No. 198. SUMMARY OF POLICE EMPLOYMENT, BY TYPE OF GOVERNMENT: 1957

[As of April. Excludes Alaska and Hawaii. Comprises uniformed policemen, law enforcement agents, and clerical, administrative, and custodial personnel concerned with police protection activities]

ITEM	All govern- ments	Federal <sup>1</sup> (civilian)	STATE AND LOCAL					
			Total	State	Local			
					Total	Coun- ties	Munici- palities	Town- ships
Police employees.....1,000..	316	22	294	28	267	37	215	15
Full time.....do.....	(2)	(2)	262	27	235	33	193	8
Part time.....do.....	(2)	(2)	32	1	32	4	22	7
Full-time equivalent.....do.....	200	21	260	27	241	34	198	9
Per 10,000 population <sup>2</sup> .....	17.0	(2)	15.8	1.6	14.2	(2)	(2)	(2)
Percent distribution.....	100.0	7.4	92.6	9.4	83.2	11.8	68.2	3.2
Payroll (April).....mil. dol..	108.6	11.0	97.6	9.6	88.0	11.5	73.3	3.2
Full-time employees.....do.....	(2)	(2)	95.3	9.6	85.7	11.2	71.7	2.9
Part-time employees.....do.....	(2)	(2)	2.3	-----	2.3	0.4	1.6	0.3
Average earnings per full-time employee.....dollars.....	(2)	(2)	363	351	365	337	371	341
Police employment as percent of total public employment:								
Full-time equivalent employment.....	4.1	(2)	5.6	2.3	6.7	5.7	15.3	7.7
Payroll (April).....	4.3	(2)	6.0	2.5	7.2	6.8	15.9	8.7

<sup>1</sup> Comprises employment in the Federal Bureau of Investigation, Immigration and Naturalization Service, Bureau of Narcotics, and Secret Service.

<sup>2</sup> Not available.

<sup>3</sup> Based on estimated population as of July 1, 1957.

Source: Department of Commerce, Bureau of the Census; 1957 Census of Governments, *Summary of Public Employment*.

## No. 199. U.S. SUPREME COURT—CASES FILED AND DISPOSITION DURING OCTOBER TERMS: 1940 TO 1960

[For years beginning in June. Statutory term of Court begins first Monday in October, but for statistical purposes new term begins upon adjournment of preceding term, usually in June]

ACTION	1940	1945	1950	1955	1957	1958	1959	1960
Total cases:								
Filed.....	877	1,316	1,181	1,644	1,639	1,819	1,862	1,940
Disposed of.....	985	1,292	1,202	1,630	1,765	1,763	1,787	1,911
Remaining on docket.....	124	168	119	219	225	281	356	385
Original cases filed.....	4	1	-----	4	2	3	-----	-----
Appeals filed.....	84	64	77	104	110	126	90	124
Pauper appeals filed.....				17	17	25	22	28
Petitions for review:								
Filed.....	769	727	582	787	716	760	767	718
Granted.....	174	155	89	123	110	108	122	87
Denied or dismissed.....	592	565	495	643	670	641	645	628
Pauper petitions for review:								
Filed.....	120	393	404	583	680	772	836	930
Granted.....	19	15	17	16	34	24	55	22
Denied or dismissed.....	101	378	386	579	648	716	743	871
Motions for leave to file various writs:								
Filed.....	-----	131	118	140	114	133	147	120
Granted.....	-----	-----	-----	2	-----	1	-----	-----
Denied or dismissed.....	-----	131	121	165	119	123	146	125
Method of disposition of cases by--								
Written opinions (number of cases).....	195	170	114	103	125	116	110	125
Number of written opinions.....	165	134	91	82	104	99	97	110
Court opinions not signed by an individual Justice.....	86	45	77	127	184	135	122	136
Final decree—original cases.....	1	-----	5	4	1	3	-----	1
Denial or dismissal of petitions for review.....	693	943	881	1,222	1,318	1,357	1,388	1,490
Denial or withdrawal of motions to file various writs.....	-----	131	121	165	119	123	146	125
Dismissal of pauper appeals.....	-----	-----	-----	16	14	26	17	21
Motion to dismiss or per stipulation.....	10	3	4	3	4	3	4	4

Source: Administrative Office of the U.S. Courts; *Annual Report of the Director*.

## No. 200. U.S. COURTS OF APPEALS—CASES COMMENCED: 1940 TO 1961

[For years ending June 30]

CASES	1940	1945	1950	1955	1957	1958	1959	1960	1961
<b>Total cases</b> .....	3,505	2,730	2,830	3,695	3,701	3,694	3,754	3,899	4,204
Appeals from courts.....	2,561	2,168	2,260	3,049	3,017	3,010	3,086	3,065	3,260
Administrative appeals, total.....	800	511	485	576	618	625	606	737	846
Federal Communications Commission.....	15	4	14	34	45	53	35	34	34
Federal Power Commission.....	8	4	12	27	53	31	39	62	42
Federal Trade Commission.....	23	26	8	25	19	21	22	29	20
National Labor Relations Board.....	306	108	167	178	201	222	254	348	425
The Tax Court of the United States.....	414	331	230	272	255	253	204	203	213
Other administrative appeals.....	34	38	45	40	45	45	204	61	98
Original proceedings.....	144	51	55	70	66	59	52	97	89

Source: Administrative Office of the U.S. Courts; *Annual Report of the Director*.

## No. 201. U.S. DISTRICT COURTS—TRIALS BEGUN: 1945 TO 1961

[For years ending June 30. Beginning 1961, covers all district courts and represents trials completed; prior to 1961, excludes D.C., Alaska, Hawaii, and outlying areas. For purposes of this table, a trial was defined as a contested proceeding (other than a hearing on a motion) before either court or jury in which evidence was introduced and final judgment sought]

TYPE OF TRIAL	1945	1950	1955	1956	1957	1958	1959	1960	1961
<b>Total</b> .....	8,390	7,977	9,258	9,865	9,147	9,545	9,123	9,042	9,594
Civil trials.....	4,358	5,693	5,882	6,589	6,133	6,386	6,298	6,002	6,156
Nonjury.....	2,845	3,648	3,224	3,413	3,076	3,262	3,238	3,161	3,245
Jury.....	1,513	2,015	2,658	3,176	3,057	3,124	3,060	2,841	2,911
Criminal trials.....	4,032	2,314	3,376	3,276	3,014	3,159	2,825	3,040	3,438
Nonjury.....	1,391	825	1,151	1,209	1,099	1,220	920	943	982
Jury.....	2,641	1,489	2,225	2,067	1,915	1,939	1,905	2,097	2,456

Source: Administrative Office of the U.S. Courts; *Annual Report of the Director*.

## No. 202. U.S. DISTRICT COURTS—CIVIL CASES TERMINATED, BY TIME INTERVAL FROM FILING TO DISPOSITION: 1950 TO 1961

[For years ending June 30. Covers only cases in which a trial was held. Prior to 1961, excludes district courts in D.C., Alaska, Hawaii, and Virgin Islands; also excludes data for land condemnation, forfeiture, and habeas corpus cases. Beginning 1961, covers all district courts and excludes only land condemnation trials. For definition of median, see table 18]

TIME INTERVAL	1950			1955			1960			1961, total
	Total cases	Non-jury	Jury	Total cases	Non-jury	Jury	Total cases	Non-jury	Jury	
<b>Total</b> .....	5,020	3,320	1,700	5,239	2,806	2,433	4,979	2,500	2,479	5,553
Less than 1 year.....	2,692	1,732	960	2,174	1,015	1,159	1,599	708	891	1,934
1 to 2 years.....	1,448	937	511	1,561	865	696	1,677	891	786	1,774
2 years and over.....	880	651	229	1,504	926	578	1,703	901	802	1,795
1 year and over..... percent.....	46.4	47.8	43.5	58.5	63.8	52.4	67.9	71.6	64.1	64.3
Median interval..... months.....	11.2	11.5	10.4	14.0	16.7	12.6	17.8	18.8	16.6	16.5

Source: Administrative Office of the U.S. Courts; *Annual Report of the Director*.

# No. 203. U.S. DISTRICT COURTS—CIVIL CASES COMMENCED AND TERMINATED, BY NATURE OF SUIT: 1961

[For year ending June 30. Covers all district courts. Cases terminated exclude land condemnation cases and cases disposed of by transfer or consolidation]

NATURE OF SUIT	CASES COMMENCED					CASES TERMINATED					
	Total	U.S. cases		Private cases		Total	Before pre-trial or trial		Before trial but after pre-trial	After trial begun	
		Plaintiff	Defendant	Federal question	Other		Issue not joined	Issue joined		Total	Percent tried
<b>Total cases.....</b>	<b>58,293</b>	<b>13,816</b>	<b>6,027</b>	<b>13,680</b>	<b>24,470</b>	<b>50,490</b>	<b>22,168</b>	<b>15,739</b>	<b>7,030</b>	<b>5,553</b>	<b>11.0</b>
<b>Contract actions.....</b>	<b>16,340</b>	<b>6,889</b>	<b>362</b>	<b>3,787</b>	<b>5,302</b>	<b>15,425</b>	<b>9,521</b>	<b>3,477</b>	<b>1,226</b>	<b>1,201</b>	<b>7.8</b>
Insurance.....	1,686	—	92	1	1,493	1,878	254	561	266	297	21.6
Marine.....	2,412	28	34	2,350	—	2,105	1,347	523	135	100	4.8
Miller Act.....	1,333	—	—	1,333	—	1,003	397	388	127	91	9.1
Negotiable instruments.....	4,070	3,868	—	—	202	4,069	3,517	389	91	62	1.5
Recovery of overpayments and enforcement of judgments.....	2,357	2,252	1	—	104	2,407	2,167	166	39	35	1.5
Stockholders suits.....	64	—	—	—	64	67	35	22	6	4	6.0
Other.....	4,518	741	235	103	3,439	4,406	1,804	1,428	562	612	13.9
<b>Real property actions.....</b>	<b>3,326</b>	<b>2,222</b>	<b>172</b>	<b>22</b>	<b>910</b>	<b>2,000</b>	<b>1,166</b>	<b>476</b>	<b>176</b>	<b>182</b>	<b>9.1</b>
Condemnation of land.....	997	951	21	14	11	—	—	—	—	—	—
Foreclosure.....	1,326	1,142	26	—	158	928	772	119	18	10	2.0
Rent, lease, and ejection.....	199	60	23	2	124	163	94	85	22	12	7.4
Torts to land.....	292	39	61	—	192	291	50	116	68	57	19.6
Other.....	512	40	41	6	425	618	250	206	68	94	15.2
<b>Tort actions.....</b>	<b>21,205</b>	<b>320</b>	<b>1,399</b>	<b>5,180</b>	<b>14,306</b>	<b>19,182</b>	<b>3,804</b>	<b>7,711</b>	<b>4,729</b>	<b>2,938</b>	<b>15.3</b>
<b>Personal injury:</b>											
Airplane.....	335	—	1	3	331	208	33	83	64	28	13.5
Assault, libel, slander.....	514	—	4	1	509	394	114	150	66	64	16.2
Employers' Liability Act.....	1,114	—	—	1,114	—	1,100	40	414	392	254	23.1
Marine.....	4,889	—	100	3,422	1,367	4,446	1,747	1,628	730	341	7.7
Motor vehicle.....	9,083	—	735	9	8,339	8,142	964	3,625	2,300	1,353	16.6
Other.....	3,725	2	423	10	3,290	3,400	421	1,367	929	683	20.1
<b>Personal property damage:</b>											
Fraud.....	482	146	—	—	336	479	160	192	65	56	11.7
Other.....	1,093	172	136	621	134	1,013	319	352	183	159	15.7
<b>Action under statutes.....</b>	<b>13,427</b>	<b>4,353</b>	<b>4,074</b>	<b>4,949</b>	<b>51</b>	<b>12,435</b>	<b>6,547</b>	<b>3,848</b>	<b>894</b>	<b>1,146</b>	<b>9.2</b>
Antitrust laws.....	420	42	—	378	51	287	94	115	73	35	12.2
Bankruptcy trustee suits.....	308	—	1	307	—	250	52	99	56	43	17.2
Banks and banking.....	114	—	7	107	—	93	81	7	3	2	2.2
Civil rights.....	296	13	13	270	—	243	124	76	11	32	13.2
Commerce, interstate.....	335	31	65	230	—	334	134	121	23	46	13.8
Deportation.....	316	—	316	—	—	282	178	83	6	15	5.3
<b>Detention, prisoner:</b>											
Motions to vacate sentence.....	560	—	560	—	—	500	527	26	—	7	1.3
Parole Board review.....	161	—	161	—	—	78	72	5	—	1	1.3
Prison officials, habeas corpus.....	1,888	—	868	984	36	1,869	1,558	208	3	100	5.4
<b>Forfeiture, penalty suits:</b>											
Agricultural Acts.....	157	155	2	—	—	184	104	45	17	18	9.8
Food and Drug Act.....	1,156	1,156	—	—	—	1,054	831	209	12	2	0.2
Liquor laws.....	248	246	2	—	—	222	42	77	25	78	35.1
Railroad regulation.....	430	430	—	—	—	481	321	141	9	10	2.1
Airline regulation.....	66	66	—	—	—	50	40	14	3	2	3.4
Other.....	303	298	5	—	—	202	134	40	10	18	8.9
<b>Labor laws:</b>											
Fair Labor Standards Act.....	1,554	1,200	3	291	—	1,535	774	516	130	115	7.5
Labor Management Relations Act.....	696	253	18	425	—	591	302	200	24	65	11.0
Labor Management Reporting and Disclosure Act.....	114	18	4	92	—	79	49	24	1	5	6.3
Railway Labor Act.....	92	—	3	89	—	56	31	15	3	7	12.5
Welfare Pension Plan Disclosure Act.....	28	—	—	28	—	12	11	—	1	—	—
<b>Protected property rights:</b>											
Copyright.....	476	—	2	474	—	411	234	130	20	27	6.6
Patent.....	767	1	82	684	—	807	181	406	95	125	15.5
Trademark.....	342	—	1	341	—	311	138	124	17	32	10.3
Securities, commodities, and exchanges.....	267	93	3	171	—	200	86	87	13	14	7.0
Social security laws.....	637	—	537	—	—	453	109	273	40	31	6.8
Tax suits.....	1,507	218	1,274	—	15	1,415	158	700	276	281	19.9
Other statutory actions.....	289	73	147	69	—	367	212	107	13	35	9.5
<b>Other actions.....</b>	<b>3,995</b>	<b>32</b>	<b>20</b>	<b>42</b>	<b>3,901</b>	<b>1,448</b>	<b>1,130</b>	<b>227</b>	<b>5</b>	<b>86</b>	<b>5.9</b>

Source: Administrative Office of the U.S. Courts; *Annual Report of the Director*.

**No. 204. U.S. DISTRICT COURTS—DEFENDANTS IN ORIGINAL PROCEEDINGS**  
**COMMENCED, BY NATURE OF OFFENSE: 1960 AND 1961**  
 (For years ending June 30. Covers all district courts)

NATURE OF PROCEEDINGS AND OFFENSE	1960	1961	NATURE OF PROCEEDINGS AND OFFENSE	1960	1961
<b>Total defendants</b> .....	<b>35,017</b>	<b>35,139</b>	<b>General offenses—Con.</b>		
Proceedings commenced by:			Forgery and counterfeiting.....	3,132	3,223
Indictment.....	18,677	19,145	Forgery, postal.....	247	255
Information, indictment			Forgery, other.....	2,762	2,684
waived.....	9,335	9,167	Counterfeiting.....	123	284
Information, other.....	6,883	6,792	Sex offenses.....	401	324
All other proceedings.....	122	35	Rape.....	119	73
<b>General offenses:</b>			White slave traffic.....	211	214
Homicide.....	129	117	Other.....	71	87
Murder, first degree.....	54	46	Narcotics.....	2,022	1,949
Murder, second degree.....	32	42	Marihuana Tax Act.....	608	455
Manslaughter.....	43	29	Border registrations.....	159	197
Robbery.....	569	640	Other narcotics.....	1,255	1,297
Bank.....	316	318	Miscellaneous general offenses.	1,133	936
Postal.....	20	21	Bribery.....	40	54
Other.....	233	301	Drunk driving and traffic.....	69	63
Assault.....	318	245	Escape.....	208	248
Aggravated, felonious.....	293	228	Extortion, racketeering, and		
Other.....	25	17	threats.....	145	106
Burglary, breaking and enter-			Gambling and lottery.....	199	131
ing.....	522	484	Kidnapping.....	37	20
Bank.....	56	61	Perjury.....	50	39
Postal.....	99	99	Weapons and firearms.....	244	238
Other.....	367	324	Other.....	111	68
Larceny and theft.....	3,637	4,237	<b>Special offenses:</b>		
Bank.....	51	50	Immigration laws.....	2,379	2,400
Postal.....	866	1,009	Liquor, Internal Revenue.....	5,981	5,077
Interstate shipments.....	727	950	Federal statutes.....	4,059	3,835
Other U.S. property.....	438	547	Agricultural Acts.....	134	154
Receiving stolen property.....	86	101	Antitrust violations.....	155	110
Trans., etc., of stolen prop-			Fair Labor Standards Act.....	245	161
erty.....	1,129	1,289	Food and Drug Act.....	636	555
Other, felony.....	227	186	Migratory bird laws.....	839	813
Other, misdemeanor.....	113	105	Motor Carrier Act.....	733	766
Embezzlement and fraud.....	4,794	5,202	National defense laws.....	377	373
Embezzlement, bank.....	396	464	Mail, transport obscene ma-		
Embezzlement, postal.....	572	575	terial.....	199	185
Embezzlement, other.....	155	145	Other.....	741	718
Fraud, income tax.....	645	783	Juvenile delinquency.....	1,464	1,455
Fraud, lending institutions.....	295	347	Robbery.....	8	10
Fraud, postal.....	620	605	Burglary.....	63	61
Fraud, veterans and allot-			Theft.....	153	187
ments.....	165	148	Auto theft.....	967	920
Fraud, other.....	1,946	2,135	Narcotics.....	39	22
Auto theft.....	4,477	5,015	Liquor, Internal Revenue.....	61	74
Transportation, etc., inter-			Other.....	173	181
state.....	4,370	4,900			
Other.....	107	115			

Source: Administrative Office of the U.S. Courts; *Annual Report of the Director*.

**No. 205. LEGAL PROFESSION—SELECTED CHARACTERISTICS OF LAWYERS:**  
**1951 TO 1960**

(Includes Alaska and Hawaii. See headnote, table 208)

ITEM	1951	1954	1957	1960
<b>Total lawyers reporting</b> <sup>1</sup> .....	<b>204,111</b>	<b>221,600</b>	<b>235,783</b>	<b>252,385</b>
In cities with 200,000 population or more <sup>2</sup> .....	107,151	115,891	124,240	136,932
In cities with less than 200,000 population <sup>2</sup> .....	96,960	105,709	111,543	115,453
Male.....	199,052	216,564	229,433	245,897
Female.....	5,059	5,036	6,350	6,488
With law degree.....	145,467	170,597	188,883	213,178
Status in practice: <sup>3</sup>				
In government service.....	19,910	21,279	24,245	25,621
In judicial service.....	7,471	7,993	7,910	8,180
In private practice.....	176,995	189,428	188,955	192,353
Salaried.....	12,997	10,648	21,054	26,108
Inactive or retired.....	6,974	6,581	7,661	10,887

<sup>1</sup> Includes duplications: 1951, 4,147; 1954, 4,440; 1957, 4,506; 1960, 4,504.

<sup>2</sup> 1951-1957, according to the 1950 Census of Population; 1960 according to the 1960 Census of Population.

<sup>3</sup> If more than one subentry was applicable the individual was tabulated in each.

Source: American Bar Foundation; *The 1961 Lawyer Statistical Report*.

### No. 206. U.S. DISTRICT COURTS—CRIMINAL DEFENDANTS DISPOSED OF, BY MAJOR OFFENSE GROUPS: 1961

[For year ending June 30. Excludes district courts in D.C.]

NATURE OF OFFENSE	Total	NOT CONVICTED			CONVICTED			SENTENCED			
		Total	Dis- missed	Ac- quit- ted	Total	Pleas of guilty or nolo	Con- victed	Im- prison- ment	Proba- tion	Fine only	Other
Total (excl. juvenile delinquency) <sup>1</sup> .....	31,226	3,998	2,855	1,143	27,228	24,830	2,398	13,745	10,059	2,770	654
General offenses:											
Homicide.....	51	22	9	13	29	21	8	24	5	-----	-----
Robbery.....	323	43	34	9	280	232	48	257	23	-----	-----
Assault.....	180	29	21	8	131	92	39	83	36	12	-----
Burglary.....	296	24	20	4	272	244	28	190	81	-----	1
Larceny and theft.....	3,750	372	254	118	3,378	3,132	246	1,936	1,833	73	36
Embezzlement and fraud.....	4,728	735	537	198	3,993	3,090	303	1,072	2,320	558	43
Auto theft.....	4,779	346	246	100	4,433	4,176	257	3,245	1,122	3	63
Forgery and counter- feiting.....	3,004	190	153	46	2,805	2,674	131	1,640	1,139	9	17
Sex offenses.....	248	58	33	25	190	133	57	155	33	-----	2
Narcotics.....	1,828	313	248	65	1,515	1,171	344	1,258	252	3	2
Miscellaneous general of- fenses.....	795	155	125	30	640	537	103	379	178	68	15
Special offenses:											
Immigration laws.....	2,341	99	91	8	2,242	2,214	28	1,366	437	28	411
Liquor, Internal Re- venue.....	5,183	944	628	316	4,239	3,676	563	1,750	2,366	106	17
Federal statutes.....	3,740	659	456	203	3,081	2,838	243	390	734	1,910	47
Juvenile delinquency.....	1,445	48	32	16	1,397	-----	1,397	717	655	2	23

<sup>1</sup> Juvenile cases excluded because proceedings differ from ordinary court trial and because Attorney General may designate any public or private agency for custody of juvenile during period of commitment.

Source: Administrative Office of the U.S. Courts; *Annual Report of the Director*.

### No. 207. LEGAL PROFESSION—LAWYERS, BY SEX, YEAR OF BIRTH, EDUCATION, AND STATUS IN PRACTICE: 1960

[Includes Alaska and Hawaii. Data based on 1961 edition of Martindale-Hubbell Law Directory]

ITEM	Total lawyers	IN CITIES <sup>1</sup> HAVING—		ITEM	Total lawyers	IN CITIES <sup>1</sup> HAVING—	
		200,000 inhabit- ants or more	Less than 200,000			200,000 inhabit- ants or more	Less than 200,000
Total <sup>2</sup> .....	285,033	155,684	130,249	Status in practice: <sup>4</sup>			
Total reporting <sup>3</sup> .....	252,385	136,932	115,453	Government service.....	25,621	13,282	12,339
Male.....	245,897	133,040	112,857	Federal.....	13,045	9,955	3,090
Female.....	6,498	3,892	2,596	State.....	4,316	1,391	2,925
Year of birth:				City or county.....	8,260	1,936	6,324
1935 and later.....	1,801	1,070	821	Judicial.....	8,180	1,977	6,203
1925-1934.....	57,082	31,821	25,261	Federal.....	599	289	310
1915-1924.....	62,704	32,044	30,660	State or county.....	5,301	1,212	4,089
1905-1914.....	59,327	33,106	26,221	City.....	2,280	476	1,804
1895-1904.....	39,229	22,481	16,748	Private practice.....	192,353	99,053	92,400
1885-1894.....	20,363	10,395	9,068	Individual.....	116,911	60,235	56,676
1875-1884.....	7,908	3,697	4,301	Partner.....	60,709	29,584	31,125
1874 and earlier.....	1,487	594	893	Associate <sup>5</sup> .....	14,738	10,134	4,599
Unknown.....	2,364	1,724	640	Salaried.....	25,198	16,722	8,476
Education:				Private industry.....	22,533	15,261	7,272
Attended college.....	211,711	114,438	97,273	Educational insti- tution.....	1,708	787	1,011
College degree.....	146,359	81,622	64,737	Other private em- ployment.....	897	674	193
Attended law school.....	233,600	129,107	104,493	Inactive or retired.....	10,887	4,480	6,407
Law degree.....	213,178	110,279	93,899				
Unknown.....	12,358	6,069	6,289				

<sup>1</sup> According to the 1960 Census of Population.

<sup>2</sup> Includes lawyers not reporting and an estimated adjustment (subtraction) to account for duplications.

<sup>3</sup> Includes 4,804 duplications.

<sup>4</sup> In some cases, if more than one subentry was applicable the individual was tabulated in each.

<sup>5</sup> Lawyers employed by individual practitioners or partnerships.

Source: American Bar Foundation; *The 1961 Lawyer Statistical Report*.



## No. 208. LEGAL PROFESSION—LAWYERS, BY STATES: 1954 TO 1960

[Data based on 1955, 1958, and 1961 editions of Martindale-Hubbell Law Directory]

STATE	1954 <sup>1</sup>	1957 <sup>1</sup>	1960 <sup>1</sup>	1960				
				Total reporting	Male	In private practice	In government or judicial service	With law degree
United States.....	241,514	262,320	285,933	252,385	245,897	192,351	33,801	213,178
Alabama.....	2,208	2,504	2,712	2,507	2,452	1,907	452	2,161
Alaska.....	136	158	198	174	167	129	49	139
Arizona.....	1,099	1,254	1,681	1,599	1,561	1,223	181	1,379
Arkansas.....	1,778	1,732	1,778	1,655	1,613	1,289	330	1,136
California.....	18,412	20,505	22,570	20,338	19,608	16,003	2,450	17,515
Colorado.....	2,620	3,082	3,606	3,060	2,986	2,341	394	2,787
Connecticut.....	3,137	3,420	3,932	3,652	3,576	2,897	306	3,181
Delaware.....	378	452	514	480	474	292	37	437
District of Columbia.....	8,568	11,650	12,564	11,831	11,299	4,501	6,504	11,106
Florida.....	5,930	6,765	7,737	7,155	7,027	5,773	763	6,406
Georgia.....	4,490	4,532	4,806	4,184	4,055	3,168	664	3,209
Hawaii.....	391	446	482	470	459	371	128	433
Idaho.....	635	675	682	638	621	485	138	522
Illinois.....	17,344	18,161	18,901	17,070	16,640	13,439	1,581	15,086
Indiana.....	4,512	4,624	4,746	4,470	4,378	3,485	626	3,690
Iowa.....	3,496	3,492	3,556	3,408	3,341	2,626	454	2,693
Kansas.....	2,563	2,688	2,985	2,618	2,573	2,056	496	2,276
Kentucky.....	3,109	3,223	3,337	2,977	2,928	2,388	524	2,295
Louisiana.....	3,288	3,630	4,177	3,742	3,645	2,967	372	3,076
Maine.....	982	962	982	900	886	757	162	602
Maryland.....	4,181	4,573	5,224	4,349	4,242	3,355	387	3,891
Massachusetts.....	8,740	9,488	10,384	9,164	8,846	7,797	557	7,577
Michigan.....	8,972	9,746	9,418	8,108	7,902	6,396	1,012	7,128
Minnesota.....	4,048	4,372	4,712	4,467	4,387	3,314	626	3,687
Mississippi.....	2,052	2,067	2,190	1,927	1,887	1,480	303	1,446
Missouri.....	6,930	7,031	7,453	6,477	6,324	4,741	804	5,482
Montana.....	930	967	1,023	901	893	689	187	716
Nebraska.....	2,314	2,334	2,344	2,178	2,120	1,634	374	1,723
Nevada.....	346	390	440	415	407	339	80	342
New Hampshire.....	544	571	630	591	570	457	109	495
New Jersey.....	8,200	8,507	9,331	8,277	8,114	7,015	644	6,060
New Mexico.....	755	890	972	841	818	661	155	738
New York.....	39,462	43,740	49,832	40,121	38,961	30,618	2,453	34,488
North Carolina.....	3,203	3,386	3,613	3,279	3,244	2,623	533	2,196
North Dakota.....	653	691	735	699	630	468	168	506
Ohio.....	13,594	14,447	15,470	13,622	13,213	10,633	1,361	11,545
Oklahoma.....	4,210	4,326	4,818	4,126	4,008	2,938	601	3,172
Oregon.....	2,270	2,435	2,646	2,413	2,359	1,917	405	2,074
Pennsylvania.....	10,654	11,308	12,137	11,164	10,970	9,240	854	9,395
Rhode Island.....	984	1,067	1,066	1,010	999	897	97	896
South Carolina.....	1,624	1,713	1,884	1,685	1,654	1,346	290	1,366
South Dakota.....	770	785	758	728	715	511	207	591
Tennessee.....	3,738	3,914	4,231	3,750	3,688	2,928	580	3,251
Texas.....	12,056	13,069	13,997	12,543	12,294	9,390	1,099	10,092
Utah.....	939	1,038	1,144	1,032	1,010	820	157	886
Vermont.....	418	446	493	431	414	330	80	290
Virginia.....	4,193	4,429	4,724	4,093	4,006	3,087	735	3,227
Washington.....	3,406	3,583	3,895	3,621	3,541	2,862	567	3,197
West Virginia.....	1,716	1,755	1,789	1,726	1,705	1,405	271	1,505
Wisconsin.....	4,953	5,724	6,134	5,834	5,242	4,122	779	4,785
Wyoming.....	448	476	492	464	446	328	99	383

<sup>1</sup> Includes lawyers not reporting and an estimated adjustment (subtraction) to account for duplications.<sup>2</sup> Includes 4,504 duplications.<sup>3</sup> See footnote 4, table 207.Source: American Bar Foundation; *The 1961 Lawyer Statistical Report*.

# **NO. 209. FEDERAL AND STATE PRISONS—PRISONERS PRESENT AND PRISONERS RECEIVED, BY TYPE OF INSTITUTION: 1940 TO 1960**

[Rate per 100,000 estimated civilian population. Federal institutions include a few prisoners committed from the Federal courts in Alaska and Hawaii; beginning 1960, includes State institutions in Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series II 412-417]

YEAR	PRESENT AT END OF YEAR						RECEIVED FROM COURTS					
	All institutions		Federal institutions		State institutions		All institutions		Federal institutions		State institutions	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1940.....	173,706	131.9	19,260	14.6	154,446	117.3	73,104	55.5	15,109	11.5	57,995	44.0
1945.....	133,640	104.8	18,638	14.6	115,011	90.2	53,212	41.7	14,171	11.1	39,041	30.6
1950.....	166,165	110.6	17,134	11.4	149,031	99.2	69,416	46.3	14,237	9.5	55,278	36.8
1951.....	165,680	109.7	17,395	11.5	148,285	98.1	67,211	44.5	14,120	9.3	53,091	35.1
1952.....	168,233	109.7	18,014	11.7	150,219	97.9	70,922	46.2	15,305	10.0	55,617	36.3
1953.....	173,679	111.2	19,363	12.4	154,316	98.8	74,274	47.6	16,376	10.5	57,898	37.1
1954.....	182,901	115.0	20,008	12.6	162,893	102.4	80,902	50.0	16,685	10.5	64,217	40.4
1955.....	185,915	114.5	20,088	12.4	165,827	102.2	78,479	48.4	16,286	9.4	63,193	38.9
1956.....	189,565	114.7	20,134	12.2	169,431	102.5	77,988	47.2	13,454	8.1	64,534	39.0
1957.....	195,414	116.1	20,420	12.1	174,994	103.9	80,557	47.8	13,805	7.9	67,252	39.9
1958.....	205,648	120.0	21,549	12.6	184,094	107.4	88,725	51.8	13,803	8.1	74,922	43.7
1959.....	207,513	118.9	22,492	12.9	185,021	106.0	87,266	50.5	13,872	7.9	73,394	42.0
1960.....	213,142	119.8	23,218	13.0	189,924	106.7	88,676	49.8	13,723	7.7	74,952	42.1

Source: Department of Justice, Bureau of Prisons; *National Prisoner Statistics*, bulletin No. 27.

# **NO. 210. FEDERAL AND STATE PRISONS—MOVEMENT OF SENTENCED PRISONERS, BY SEX: 1959 AND 1960**

[For coverage, see headnote, table 209. See also *Historical Statistics, Colonial Times to 1957*, series II 418 and II 421-431]

MOVEMENT OF SENTENCED PRISONERS	1959			1960		
	Total	Male	Female	Total	Male	Female
Prisoners present:						
January 1.....	205,643	193,208	7,435	208,105	200,469	7,636
December 31.....	207,613	199,889	7,624	213,142	205,440	7,693
Percent change.....	0.9	0.8	2.5	2.4	2.5	0.7
Admissions.....	167,826	161,818	6,008	167,309	161,071	6,238
Admitted, except transfers.....	112,944	107,247	5,697	118,193	112,335	5,858
Received from courts.....	87,266	82,968	4,298	88,676	84,364	4,311
Returned as a parole or conditional-release violator.....	13,418	12,702	716	15,042	14,326	716
Returned from escape.....	2,420	2,311	109	2,724	2,569	155
Other admissions <sup>1</sup> .....	9,840	9,206	574	11,752	11,076	676
Transferred from other institutions.....	54,882	54,571	311	49,116	48,736	380
Discharges.....	165,956	160,137	5,819	162,272	156,091	6,181
Discharged, except transfers.....	110,805	105,320	5,485	113,180	107,388	5,792
Releases.....	96,630	91,839	4,691	96,302	91,483	4,870
Conditional.....	58,636	55,563	2,973	59,398	56,266	3,132
Parole.....	52,498	49,690	2,808	52,801	49,873	2,928
Conditional pardon.....	14	11	3	12	11	1
Other conditional release.....	6,024	5,862	162	6,585	6,382	203
Unconditional.....	37,994	36,276	1,718	36,964	35,217	1,747
Expiration of sentence.....	34,458	33,025	1,433	33,628	32,191	1,437
Pardon.....	55	47	8	51	43	8
Commutation.....	3,481	3,204	277	3,285	2,983	302
Escape.....	2,465	2,349	116	2,695	2,529	166
Death, except execution.....	735	716	19	739	723	16
Execution.....	49	49	0	67	57	10
Other discharges <sup>1</sup> .....	11,026	10,367	659	13,327	12,596	731
Transferred to other institutions.....	55,151	54,817	334	49,092	48,703	389

<sup>1</sup> Includes prisoner movement incident to court orders and authorized temporary absences.

Source: Department of Justice, Bureau of Prisons; *National Prisoner Statistics*, bulletin Nos. 24 (revised) and 27.

# No. 211. FEDERAL AND STATE PRISONS—PRISONERS PRESENT AND PRISONERS RECEIVED, BY STATES: 1950 TO 1960

[See headnote, table 209]

STATE	PRESENT AT END OF YEAR					RECEIVED FROM COURTS				
	1950	1955	1958	1959	1960	1950	1955	1958	1959	1960
<b>United States.....</b>	<b>166,165</b>	<b>185,915</b>	<b>205,643</b>	<b>207,513</b>	<b>213,142</b>	<b>69,515</b>	<b>78,479</b>	<b>88,725</b>	<b>87,266</b>	<b>88,675</b>
Federal institutions <sup>1</sup> .....	17,134	20,088	21,549	22,492	23,218	14,237	15,286	13,803	13,872	13,723
State institutions.....	149,031	165,827	184,094	185,021	189,924	55,278	63,193	74,922	73,394	74,952
<b>New England:</b>										
Maine.....	736	620	647	696	750	471	325	415	436	495
New Hampshire.....	235	198	144	147	180	72	76	47	71	83
Vermont.....	259	285	295	315	269	210	207	243	251	217
Massachusetts.....	2,375	1,995	1,906	1,913	1,920	861	861	990	982	955
Rhode Island <sup>2</sup> .....	284	305	272	274	255	260	201	140	121	104
Connecticut.....	1,020	1,260	1,565	1,500	1,497	440	591	849	748	675
<b>Middle Atlantic:</b>										
New York.....	15,313	17,069	17,552	16,821	17,208	3,456	4,510	4,651	4,953	5,186
New Jersey.....	3,991	3,782	3,998	4,101	4,286	1,555	1,679	2,155	2,175	2,274
Pennsylvania.....	7,432	7,342	7,945	7,924	7,802	1,867	2,187	2,688	2,267	2,101
<b>East North Central:</b>										
Ohio.....	9,128	10,483	11,365	11,448	11,111	2,737	3,264	4,207	3,874	3,733
Indiana.....	4,738	4,482	5,296	5,268	5,422	1,134	1,331	1,576	1,290	1,398
Illinois.....	7,886	8,130	8,606	8,660	9,064	1,868	2,196	2,552	2,487	2,826
Michigan.....	8,591	9,547	10,334	9,622	9,650	3,076	3,275	3,890	3,667	3,706
Wisconsin.....	2,017	2,281	2,617	2,040	2,784	1,051	1,265	1,343	1,243	1,315
<b>West North Central:</b>										
Minnesota.....	1,879	1,964	2,128	2,137	2,059	679	653	727	714	633
Iowa.....	2,084	2,208	2,167	2,212	2,204	632	743	830	780	845
Missouri.....	3,400	3,966	3,073	3,614	3,698	1,550	1,662	1,821	1,743	1,841
North Dakota.....	235	228	293	270	248	124	128	175	136	134
South Dakota.....	451	423	467	561	526	302	291	358	402	363
Nebraska.....	1,147	1,080	1,210	1,237	1,269	623	644	728	631	767
Kansas.....	1,959	1,974	2,001	2,248	2,313	833	802	945	962	985
<b>South Atlantic:</b>										
Delaware <sup>3</sup> .....	158	172	226	232	218	123	127	246	208	244
Maryland.....	3,892	4,685	5,037	5,010	5,316	3,060	3,855	4,244	3,896	4,366
Dist. of Columbia.....	1,478	2,020	2,004	1,990	2,037	580	679	688	586	578
Virginia.....	4,439	4,869	5,719	5,909	5,775	1,751	1,839	2,218	2,119	1,834
West Virginia.....	2,904	2,269	2,406	2,492	2,407	702	623	680	732	511
North Carolina.....	5,094	5,334	5,804	5,949	5,977	1,928	2,384	2,639	2,795	2,709
South Carolina.....	1,513	1,852	2,200	2,131	2,080	607	630	1,217	1,022	903
Georgia <sup>4</sup> .....	4,545	5,701	6,824	6,963	6,885	1,906	2,067	2,723	2,536	2,824
Florida.....	3,973	4,530	6,374	6,802	7,084	1,516	2,105	3,231	3,244	3,026
<b>East South Central:</b>										
Kentucky.....	3,259	3,349	3,531	3,430	3,603	1,365	1,476	1,849	1,605	1,793
Tennessee.....	2,780	2,723	2,712	2,914	3,134	1,026	994	1,073	1,283	1,294
Alabama <sup>5</sup> .....	4,454	5,222	5,543	5,449	5,369	2,514	3,065	2,443	2,312	2,357
Mississippi.....	2,158	2,080	2,066	2,057	1,975	763	737	799	788	856
<b>West South Central:</b>										
Arkansas.....	1,541	1,751	1,849	1,911	2,016	695	787	903	889	993
Louisiana.....	2,674	3,026	3,636	3,561	3,740	1,164	1,342	1,679	1,578	1,649
Oklahoma.....	2,401	2,800	2,754	2,706	2,670	1,133	1,237	1,428	1,422	1,511
Texas.....	6,424	8,622	10,531	11,123	11,308	2,996	3,947	4,748	5,044	5,043
<b>Mountain:</b>										
Montana.....	595	529	645	588	602	410	382	441	425	425
Idaho.....	514	520	587	509	549	290	233	305	267	275
Wyoming.....	410	345	384	387	453	237	231	301	270	335
Colorado.....	1,490	1,800	1,972	2,012	2,078	987	929	1,098	1,094	1,193
New Mexico.....	705	724	1,060	1,136	1,243	437	403	506	528	495
Arizona.....	878	1,055	1,392	1,493	1,516	452	540	780	779	816
Utah.....	562	554	570	533	553	239	198	227	201	208
Nevada.....	240	373	380	399	413	172	218	185	243	222
<b>Pacific:</b>										
Washington.....	2,290	2,443	2,623	2,876	2,455	933	805	839	989	987
Oregon.....	1,534	1,552	1,524	1,552	1,710	680	641	791	832	891
California.....	11,056	15,230	19,202	19,290	21,660	3,122	3,638	5,411	5,718	6,028
Hawaii.....					558					134

<sup>1</sup> Not included in State figures.<sup>2</sup> Beginning 1953, excludes misdemeanant prisoners received from court into Adult Correctional Institutions.<sup>3</sup> Covers only the New Castle County workhouse through 1955; beginning 1953, also includes the Kent and Sussex County workhouses which were united with it to form a State correctional system.<sup>4</sup> Includes only prisoners liable to imprisonment in Georgia State Prison.<sup>5</sup> Beginning 1953, excludes misdemeanant prisoners received from court.Source: Department of Justice, Bureau of Prisons; *National Prisoner Statistics*, bulletins No. 24 (revised) and No. 27.

# No. 212. AVERAGE TIME SERVED BY PRISONERS RELEASED FROM FEDERAL INSTITUTIONS FOR FIRST TIME, BY OFFENSE: 1961

[For year ending June 30. Includes a few prisoners committed from the Federal courts in Alaska and Hawaii. Excludes 824 first releases other than by parole, expiration of sentence, and mandatory release; also excludes 1,056 parole releases of offenders sentenced under the Youth Corrections Act and 1,318 second or subsequent releases. In computing averages, sentences to life and to more than 45 years were counted as 45 years; minority sentences of juvenile delinquents were counted from date of sentence to 21st birthday]

OFFENSE	ALL FIRST RELEASES				BY PAROLE				BY OTHER TYPES OF RELEASE			
	Number	Average sentence (months)	Average time served		Number	Average sentence (months)	Average time served		Number	Average sentence (months)	Average time served	
			Months	Percent of average sentence			Months	Percent of average sentence			Months	Percent of average sentence
<b>Total offenses</b> .....	12,081	29.2	18.6	63.7	3,293	35.9	16.1	44.8	8,788	26.7	19.6	73.4
Counterfeiting.....	64	34.0	20.3	59.7	19	52.4	22.5	42.9	45	26.2	19.4	74.0
Drug laws.....	1,019	58.3	39.0	66.9	81	50.1	21.6	43.1	938	59.0	40.5	68.6
Embezzlement.....	266	19.6	9.4	48.0	168	24.6	10.0	40.7	98	11.0	8.5	77.3
Forgery.....	1,319	22.9	15.3	66.8	281	29.7	13.3	44.8	1,038	21.1	15.9	75.4
Fraud.....	279	18.1	11.1	61.3	94	26.7	11.7	43.8	1,185	13.7	10.7	78.1
Immigration; nationality laws.....	1,116	10.2	7.5	73.5	224	11.2	5.4	48.2	892	10.0	8.0	80.0
Impersonating Federal officer.....	112	24.7	17.3	70.0	5	30.0	12.8	42.7	39	24.0	17.9	74.6
Intercourse with minor.....	790	14.5	7.9	54.5	49	21.7	8.8	40.6	63	8.9	7.2	80.9
Juvenile delinquency (except D.C.).....	19	34.0	20.6	60.6	422	38.1	18.4	48.3	368	29.4	23.2	78.9
Kidnaping.....	3,408	198.4	104.5	52.7	10	257.0	122.6	47.7	9	133.3	84.4	63.3
Larceny-theft.....	2,332	26.7	18.4	68.9	688	20.4	14.0	47.6	2,720	26.1	19.5	74.7
Transportation, etc., of stolen motor vehicle.....	1,869	29.0	20.0	69.0	481	30.9	15.0	48.5	1,388	28.5	21.3	74.7
Liquor laws.....	1,159	115.1	56.9	49.3	674	137.4	56.3	41.0	485	107.9	57.6	53.4
Robbery.....	293	29.8	19.9	66.8	62	35.5	16.5	46.5	231	28.3	20.8	73.5
Securities, transporting false or forged.....	124	21.2	10.8	50.9	78	24.8	10.3	41.5	46	15.0	11.7	78.0
Selective Service Act.....	33	16.4	11.3	68.9	5	26.4	11.4	43.2	28	14.6	11.3	77.4
Wearing military uniform illegally.....	114	31.8	21.2	66.7	28	36.1	13.3	46.3	86	32.9	23.7	72.0
White slave traffic.....	537	25.3	16.1	63.6	128	36.1	16.0	44.3	409	22.0	16.1	73.2
Other and unclassifiable.....	117	52.9	30.5	57.7	47	52.3	21.2	40.5	70	53.3	36.8	69.0
District of Columbia cases.....	277	50.1	27.5	54.9	82	103.7	45.8	44.2	195	27.5	19.8	72.0
Government reservation, high seas, and territorial cases.....	122	147.8	79.0	53.5	64	162.2	70.9	43.7	58	131.9	88.0	66.7
Military court-martial cases.....												

Source: Department of Justice, Bureau of Prisons; annual report, *Federal Prisons*.

# **No. 213. SENTENCED FEDERAL PRISONERS RECEIVED FROM THE COURTS, BY OFFENSE: 1937 TO 1961**

[For years ending June 30. Includes a few prisoners committed from the Federal courts in Alaska and Hawaii. Data for all Federal prisoners; some committed to non-Federal institutions]

OFFENSE	1937	1940	1945	1950	1955	1959	1960	1961
<b>Total</b>	<b>24,202</b>	<b>23,003</b>	<b>21,200</b>	<b>18,063</b>	<b>20,013</b>	<b>17,281</b>	<b>16,783</b>	<b>15,992</b>
Counterfeiting and forgery	1,486	1,689	673	1,534	1,714	1,797	1,854	1,917
Drug laws	1,866	2,250	1,134	2,029	1,694	1,369	1,456	1,387
Marihuana	(1)	550	464	878	437	246	288	391
Narcotics	(1)	1,700	680	1,151	1,237	1,123	1,168	1,196
Embezzlement and fraud	510	750	340	609	487	590	665	645
Immigration	2,802	2,270	3,996	3,463	4,952	1,637	1,548	1,478
Income tax	(1)	(1)	15	184	237	185	165	170
Juvenile delinquency		216	911	658	734	869	889	881
Kidnaping	44	37	20	41	37	36	21	30
Liquor laws	12,238	10,735	2,988	2,304	2,294	2,440	2,226	1,958
Robbery	(1)	117	45	92	252	203	275	270
Theft from interstate commerce	308	313	475	270	342	327	334	349
Transportation, etc., of stolen motor vehicle	1,312	1,512	1,072	2,486	2,989	3,400	3,271	3,607
White slave traffic	370	378	209	185	240	139	120	143
Government reservation, D.C., high seas, and territorial cases	1,033	1,021	986	1,145	1,458	1,748	1,492	671
Other	2,203	1,759	1,748	2,104	1,973	2,141	2,132	2,280
National security offenses	30	56	6,588	979	610	310	335	206
Selective Service Acts			2,613	136	214	164	135	142
Other national-defense security laws	(1)	11	2,150	130	152	128	54	39
Military court-martial cases:								
Army	30	45	1,793	606	219	5	130	21
Navy			32	107	25	13	16	4

<sup>1</sup> Not classified separately.

Source: Department of Justice, Bureau of Prisons; annual report, *Federal Prisons*.

# **No. 214. FEDERAL PRISONERS BY NUMBER OF PREVIOUS COMMITMENTS, BY OFFENSE: 1961**

[For year ending June 30. Includes a few prisoners committed from the Federal courts in Alaska and Hawaii. Known previous commitments under sentence of prisoners committed to Federal institutions under sentence of more than 1 year]

OFFENSE	Total com- mitted	WITH KNOWN PREVIOUS COMMITMENTS					Without known previous commit- ments
		Total		With 1	With 2	With 3 or more	
		Number	Percent of total com- mitted				
<b>Total offenses</b> .....	<b>10,902</b>	<b>7,697</b>	<b>70.6</b>	<b>2,136</b>	<b>1,656</b>	<b>3,905</b>	<b>3,205</b>
Counterfeiting.....	138	92	66.7	31	20	41	46
Drug laws.....	1,228	836	68.1	263	189	384	392
Embezzlement.....	148	33	22.3	12	9	12	115
Forgery.....	1,167	917	78.6	202	188	527	250
Fraud.....	181	105	58.0	41	26	38	76
Immigration.....	497	350	70.4	64	69	217	147
Impersonating Federal officer.....	30	21	70.0	1	6	14	9
Income tax.....	53	17	32.1	8	-----	0	36
Juvenile delinquency.....	751	335	44.6	207	94	34	416
Kidnaping.....	26	16	61.5	8	4	9	10
Larceny—thief.....	3,910	3,176	81.2	731	663	1,782	734
Transportation, etc., of stolen motor vehicle.....	3,119	2,568	82.3	590	546	1,432	551
Liquor laws.....	1,162	791	68.1	269	194	328	371
Robbery.....	247	163	66.0	48	33	82	84
Securities, transporting false or forged.....	333	258	77.5	58	43	167	75
Selective Service Acts.....	112	11	9.8	6	1	4	101
Wearing military uniform illegally.....	12	10	83.3	2	7	1	2
White slave traffic.....	118	82	69.5	24	16	42	36
Other and unclassifiable.....	396	269	67.9	85	49	135	127
Government reservation, D.C., high seas and territorial cases.....	369	205	55.6	76	43	86	164
Military court-martial cases.....	24	10	41.7	5	2	3	14

Source: Department of Justice, Bureau of Prisons; annual report, *Federal Prisons*.

# No. 215. FEDERAL AND STATE PRISONS—FULL-TIME STAFF, BY OCCUPATION AND SEX: 1960

[As of December 31. Excludes Alaska and Hawaii. Statistics on prisoners confined cover prisoners actually supervised by staff reported. They do not agree exactly with corresponding figures appearing in tables 203, 210, and 211]

OCCUPATION	ALL INSTITUTIONS			FEDERAL INSTITUTIONS <sup>1</sup>			STATE INSTITUTIONS		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total full-time staff members.....	42,387	38,831	3,556	5,091	4,823	268	37,296	34,008	3,288
Prisoners confined.....	217,177	209,623	7,554	22,639	21,877	762	194,538	187,746	6,792
Prisoners per staff member.....	5.1			4.4			5.2		
Administrative.....	829	772	57	73	70	3	756	702	54
Clerical and fiscal.....	3,677	2,053	1,624	480	386	100	3,191	1,667	1,524
Medical.....	1,168	974	194	361	347	14	807	627	180
Classification and parole.....	840	795	45	126	120	6	714	675	39
Education.....	1,440	1,301	139	171	163	8	1,269	1,138	131
Religion (chaplains).....	215	215		36	36		179	179	
Prison industries:									
Shop superintendents.....	377	367	10	57	56	1	320	311	9
Industries employees.....	1,701	1,632	69	354	347	7	1,347	1,285	62
Employees principally occupied with:									
Institutional maintenance <sup>2</sup> .....	2,014	2,886	28	581	581		2,333	2,305	28
Culinary service <sup>3</sup> .....	893	891	102	153	138	15	840	753	87
Farm operation <sup>4</sup> .....	1,237	1,223	14	131	131		1,106	1,092	14
Custodial operation <sup>5</sup> .....	28,200	25,008	1,194	2,515	2,401	114	23,685	22,605	1,080
Other officers and employees.....	796	716	80	47	47		749	669	80

<sup>1</sup> Excludes data for Public Health Service Hospitals for narcotic-drug addicts whose staff supervise both prisoner and nonprisoner patients.

<sup>2</sup> Foremen, stationary engineers, mechanics, carpenters, plumbers, laundrymen, etc.

<sup>3</sup> Stewards, dietitians, cooks, bakers, etc.

<sup>4</sup> Farm managers, dairymen, animal husbandmen, poultry men, vegetable gardeners, farm laborers, etc.

<sup>5</sup> Officers and employees who primarily carry out a custodial function, and who cannot be classified in any of the above positions.

Source: Department of Justice, Bureau of Prisons; *National Prisoner Statistics*, bulletin No. 29.

# No. 216. PRISONERS EXECUTED UNDER CIVIL AUTHORITY, BY OFFENSE AND RACE: 1930 TO 1961

[Includes 2 Federal executions in Alaska, 1 in 1948 and 1 in 1950. 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 1967*, series H 432-444]

TYPE OF OFFENSE AND RACE	All years	1930-39	1940-49	1950-59	1957	1958	1959	1960	1961
Total.....	3,766	1,666	1,284	717	65	49	49	57	42
White.....	1,695	827	490	336	34	20	16	22	20
Negro.....	2,030	816	781	376	31	28	33	35	22
Other.....	41	23	13	5		1			
Murder.....	3,258	1,514	1,065	601	54	41	41	45	33
White.....	1,615	804	458	316	32	20	15	19	18
Negro.....	1,604	687	596	280	22	20	26	26	15
Other.....	39	23	11	5		1			
Rape.....	442	125	199	102	10	7	8	8	8
White.....	43	10	19	13	2		1		1
Negro.....	397	115	178	89	8	7	7	8	7
Other.....	2		2						
All other offenses <sup>2</sup> .....	66	27	20	14	1	1		4	1
White.....	37	13	13	7				3	1
Negro.....	29	14	7	7	1	1		1	

<sup>1</sup> White includes 18 females; Negro, 11 females.

<sup>2</sup> 23 armed robbery, 19 kidnaping, 11 burglary, 8 espionage (6 in 1942 and 2 in 1953), 5 aggravated assault.

<sup>3</sup> Includes 2 females, both executed in 1953, 1 for kidnaping and 1 for espionage.

Source: Department of Justice, Bureau of Prisons; *National Prisoner Statistics*, bulletin No. 28.

No. 217. PRISONERS EXECUTED UNDER CIVIL AUTHORITY, BY STATES, 1930 TO 1961,  
AND METHOD OF EXECUTION, 1961

[Death penalty illegal in States not listed (Alaska, Hawaii, Maine, Mich., Minn., N. Dak., R.I., and Wis.) with certain exceptions in Mich., N. Dak., and R.I. under the provisions of which no executions have taken place. Method of execution: E—electrocution, G—lethal gas, H—hanging, and S—shooting or hanging]

STATE	All years	1930-39	1940-49	1950-59	1957	1958	1959	1960	1961	
									Num-ber	Method of execution
<b>Total</b> .....	3,766	1,666	1,284	717	65	49	49	57	42	-----
Alabama.....	133	60	50	20	2	1	2	2	1	E
Arizona.....	36	17	9	8	1	2	1	1	1	G
Arkansas.....	117	53	38	18	-----	-----	6	8	-----	E
California.....	279	108	80	74	9	6	-----	9	8	G
Colorado.....	43	25	13	3	1	-----	-----	1	1	G
Connecticut.....	21	5	10	5	-----	-----	2	-----	-----	E
Delaware.....	12	8	4	(2)	4	(2)	(2)	(2)	-----	H
Dist. of Col.....	40	20	16	4	1	-----	-----	-----	-----	E
Florida.....	162	44	65	49	3	3	10	2	2	E
Georgia.....	361	137	120	85	14	6	4	6	3	E
Idaho.....	3	-----	-----	3	1	-----	-----	-----	-----	H
Illinois.....	88	61	18	9	-----	1	-----	-----	-----	E
Indiana.....	41	31	7	2	-----	-----	-----	-----	1	E
Iowa.....	16	8	7	1	-----	-----	-----	-----	-----	H
Kansas.....	10	(2)	5	5	-----	-----	-----	-----	-----	H
Kentucky.....	102	52	34	16	-----	-----	-----	-----	-----	E
Louisiana.....	133	58	47	27	7	3	-----	-----	1	E
Maryland.....	08	16	45	6	1	-----	2	-----	1	G
Massachusetts.....	27	18	9	-----	-----	-----	-----	-----	-----	E
Mississippi.....	150	48	60	30	2	3	-----	1	5	G
Missouri.....	58	36	15	7	1	-----	-----	-----	-----	G
Montana.....	6	5	1	-----	-----	-----	-----	-----	-----	H
Nebraska.....	4	-----	2	2	-----	-----	1	-----	-----	G
Nevada.....	29	8	10	9	-----	-----	-----	1	1	G
New Hampshire.....	1	1	-----	-----	-----	-----	-----	-----	-----	H
New Jersey.....	71	40	14	17	-----	-----	-----	1	-----	E
New Mexico.....	8	2	2	3	-----	-----	-----	1	-----	G
New York.....	327	153	114	62	4	4	4	6	2	E
North Carolina.....	263	131	112	19	1	2	-----	-----	1	E
Ohio.....	168	82	51	32	1	6	1	2	1	E
Oklahoma.....	57	34	13	7	2	-----	-----	3	-----	E
Oregon.....	18	2	12	4	-----	-----	-----	-----	-----	G
Pennsylvania.....	150	82	36	31	-----	-----	8	-----	1	E
South Carolina.....	160	67	61	26	2	-----	-----	1	5	E
South Dakota.....	1	(4)	1	-----	2	-----	-----	-----	-----	E
Tennessee.....	93	47	37	8	2	-----	1	1	-----	E
Texas.....	279	120	74	74	5	6	3	8	3	E
Utah.....	13	2	4	6	-----	1	-----	1	-----	S
Vermont.....	4	1	1	2	-----	-----	-----	-----	-----	E
Virginia.....	91	28	35	23	2	3	2	1	4	E
Washington.....	46	23	16	6	1	-----	-----	1	-----	H
West Virginia.....	40	20	11	9	-----	2	1	-----	-----	E
Wyoming.....	6	4	2	-----	-----	-----	-----	-----	-----	G

<sup>1</sup> Includes Federal executions not shown by State (1930-1939, 9; 1940-1949, 13; 1950-1959, 7; and 1957, 2.

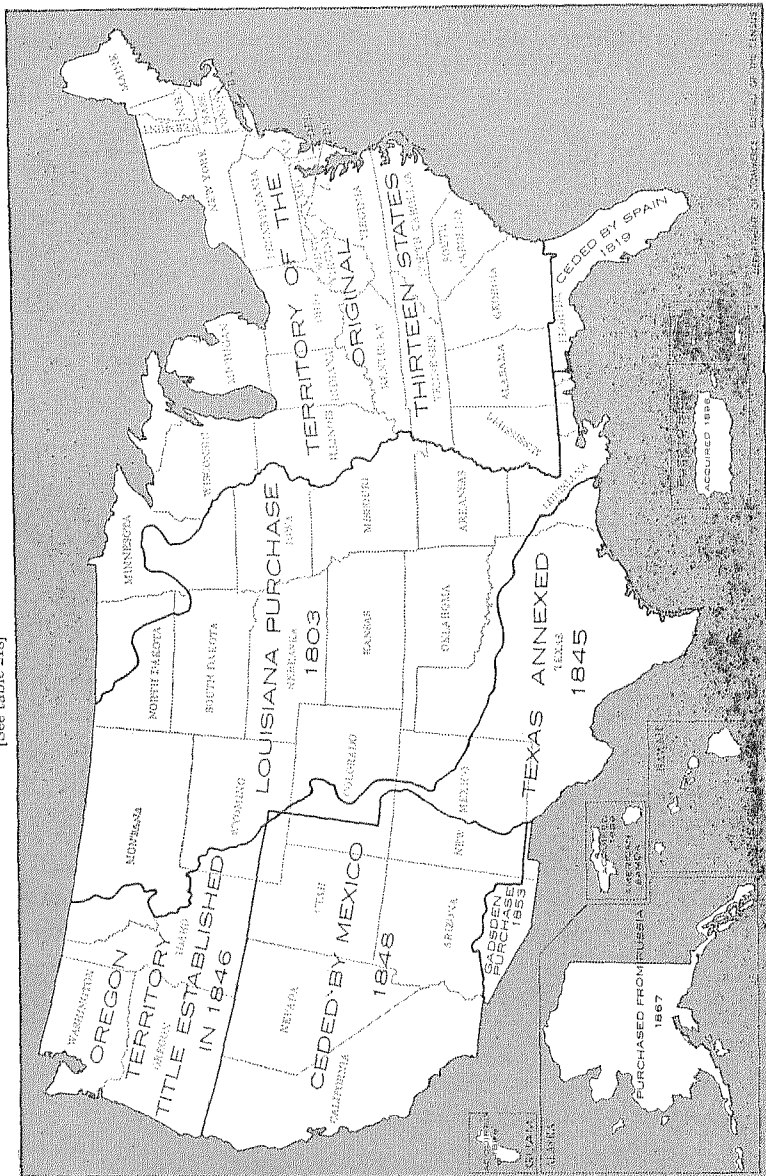
<sup>2</sup> Death penalty illegal from Apr. 2, 1958 to Dec. 18, 1961.

<sup>3</sup> Death penalty illegal 1930-1934.

<sup>4</sup> Death penalty illegal 1930-1938.

Source: Department of Justice, Bureau of Prisons: *National Prisoner Statistics*, bulletin No. 28.

FIG. XI. TERRITORIAL EXPANSION OF THE UNITED STATES AND ACQUISITIONS OF OTHER PRINCIPAL AREAS  
[See table 218]



Source: Department of Commerce, Bureau of the Census.



## Section 6

### Area, Geography, and Climate

Statistics in this section relate to area, climatologic, topographic, and hydrologic measurements of the United States. There are few official publications other than those showing area measurements (issued infrequently by the Bureau of the Census), which present area and geography statistics of national scope. However, many data are compiled for particular regions or for internal administrative purposes by such Federal Government agencies as the Geological Survey, the Coast and Geodetic Survey, and the Weather Bureau.

**Area.**—Area measurements in the United States began with measurements for the country as a whole and developed, as mapping progressed, to measurements for the States.

The annual report of the U.S. General Land Office for 1850 contained the first reference to the areas of the several States and Territories, although there was no indication of the method used in obtaining these measurements. Until 1881, the General Land Office was practically the sole source of information concerning the areas of the States and Territories.

In 1881, the Bureau of the Census, as a part of the 1880 Census of Population, laid the foundation for accurate and detailed area measurement in the United States. For the first time an account was given of the method and maps employed, the water bodies included, and the outer limits of the United States used as a basis for measurement. In 1940, the same Bureau, in its publication, *Areas of the United States: 1940*, presented the first basic measurement of the United States since its work in 1880. The data presented in that study cover the total land and water areas of the States, counties, cities, and minor civil divisions. For the 1950 and 1960 Censuses no comprehensive remeasurement of all areas was made, but adjustments in selected area figures were made for three principal reasons: (1) Changes in boundaries, (2) the development of water reservoirs, or (3) the improvement in maps from which area measurements are made.

**Geography.**—The Geological Survey, cooperating in some instances with State and local agencies, is responsible for topographic and geologic maps and for basic data concerning the quantity, quality, and movement of surface and ground water.

The Bureau of Land Management conducts cadastral surveys.

The Coast and Geodetic Survey has responsibility for coastal and geodetic surveys and measurement of certain physical phenomena. Authorized in 1807, this agency's original function was to survey and chart the coast of the United States and the outlying islands and fishing banks. In 1871, Congress authorized an extension of the geodetic surveys from coast to coast to provide the States with reference markers for the control of their topographic and geologic mapping and their boundary surveys, and to provide data for use by the Geological Survey and other agencies. Since 1927, the Coast and Geodetic Survey has also been in charge of preparing aeronautical charts for the United States and its outlying areas.

A civil mapping activity of the Corps of Engineers, the U.S. Lake Survey, was established in 1841. Its primary function is to furnish Great Lakes navigators with reliable charts and information regarding harbor facilities. It also maintains records of the fluctuating levels of the lakes, the flow through connecting rivers, and the precipitation over the lakes, and reports on all hydraulic problems relating to the Great Lakes.

**Climate.**—The Weather Bureau is responsible for essentially all meteorologic data and collects, processes, and publishes climatologic data. It maintains about 11,000 weather stations, of which nearly 3,000 stations produce autographic precipitation records, about 600 take automatic or hourly readings of a series of weather elements, and the remainder record one observation a day. There are few records in existence for stations before 1871 although some earlier and less detailed records began in the 18th century.

Nearly all weather stations have been moved several times in their history. Consequently, the Weather Bureau has adopted the practice of using "normal" values of temperature and precipitation for comparative purposes rather than long-term means which are derived from records taken at the several different locations the stations may have had over the years.

Normal values of temperature and precipitation are based on records for the 30-year period 1931 to 1960, inclusive. Where a station had a record for the entire 30 years from the same instrument site, monthly precipitation normals are the mean of the monthly values for the 30 years. For such stations, the temperature normals were obtained in a similar manner, with normal maximum and normal minimum values used to obtain monthly normals. The annual normal temperature is obtained by dividing the sum of the annual normal maximum value and the annual normal minimum value for temperature by 2.

For stations that did not have continuous records from the same instrument site for the entire 30 years, 1931 to 1960, 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, either between records at the actual station sites or through a second station that had a continuous record to compare against both sites for obtaining the resultant adjusting factors. Normals were thereafter obtained as outlined above.

This system of normals has three characteristics: (1) The 30-year period (1931 to 1960) adopted for the computations is consistent with the term of years accepted by the World Meteorological Organization for climatic normals; (2) where the station and exposure for records in a given locality have been changed, the whole record has been carefully studied and adjusted to the latest source of records and reports; (3) the normals for maximum and minimum temperatures are separately tabulated.

The degree-day normals are derived from the values for the monthly normal maximum and minimum temperatures, and are computed on the standard base 65° F. The 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 degrees difference in the temperature between the average temperature for the day and 65° F."

**Alaska and Hawaii.**—For a general statement concerning the treatment of data for Alaska and Hawaii, see preface. "Conterminous area" refers to the United States excluding Alaska, Hawaii, and outlying areas.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics, Colonial Times to 1957*, series J 1-2") provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

# No. 218. TERRITORIAL EXPANSION OF THE UNITED STATES AND ACQUISITIONS OF OTHER AREAS

[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 1957*, series J 1-2]

ACCESSION	Date	Gross area (land and water)	ACCESSION	Date	Gross area (land and water)
<b>Total (1960)</b> .....		<i>Sq. mi.</i> 3,628,150	<b>Other:</b>		<i>Sq. mi.</i>
United States.....		3,615,211	<i>The Philippines</i> <sup>2</sup> .....	1898	115,000
Territory in 1790 <sup>1</sup> .....		888,811	Puerto Rico.....	<sup>3</sup> 1899	3,435
Louisiana Purchase.....	1803	827,192	Guam.....	<sup>3</sup> 1899	212
By treaty with Spain:			American Samoa.....	<sup>4</sup> 1900	76
Florida.....	1819	58,560	Canal Zone <sup>5</sup> .....	1904	553
Other areas.....	1819	13,443	Corn Islands <sup>6</sup> .....	1914	4
Texas.....	1845	390,144	Virgin Islands of the U.S.....	1917	133
Oregon.....	1846	285,580	Trust Territory of the Pacific Islands <sup>7</sup> .....	1947	8,484
Mexican Cession.....	1848	529,017	All other <sup>8</sup> .....		42
Gadsden Purchase.....	1853	29,640			
Alaska.....	1867	586,400			
Hawaii.....	1898	6,424			

<sup>1</sup> Includes that part of drainage basin of Red River of the North, south of 49th parallel, sometimes considered part of Louisiana Purchase.

<sup>2</sup> 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.

<sup>3</sup> Acquired 1898; ratified 1899.

<sup>4</sup> Acquired 1899; ratified 1900.

<sup>5</sup> Under jurisdiction of United States in accordance with treaty of Nov. 18, 1903, with Republic of Panama.

<sup>6</sup> Leased (1914) from Republic of Nicaragua for 99 years.

<sup>7</sup> Under trusteeship. See table 4, footnote 16.

<sup>8</sup> Comprises following islands with gross areas as indicated: Midway (2), Wake (3), Palmyra (4), Canton and Enderbury (combined area, 27), Swan (1), Navassa (2), Baker, Howland, and Jarvis (combined area, 3), Johnston and Sand (combined area, less than 0.5), Kingman Reef, Quita Sueño Bank, Roncador Cay, and Serrano Bank (each less than 0.5), and other islands specified in table 4, footnote 9, for which area figures are not available.

Source: Department of Commerce, Bureau of the Census; reports and records.

# No. 219. COASTLINE OF THE UNITED STATES, BY STATES

[In miles]

STATE	General coastline <sup>1</sup>	Tidal shoreline <sup>2</sup>	STATE	General coastline <sup>1</sup>	Tidal shoreline <sup>2</sup>
<b>United States</b> .....	12,383	88,633	<b>Atlantic coast—Continued</b>		
<b>Atlantic coast</b> .....	2,069	28,673	South Carolina.....	187	2,876
Connecticut.....		618	Virginia.....	112	3,315
Delaware.....	28	381	<b>Gulf coast</b> .....	1,631	17,141
Florida.....	580	3,331	Alabama.....	53	607
Georgia.....	100	2,344	Florida.....	770	5,095
Maine.....	228	3,478	Louisiana.....	397	7,721
Maryland.....	31	3,190	Mississippi.....	44	359
Massachusetts.....	102	1,519	Texas.....	367	3,359
New Hampshire.....	13	131	<b>Pacific coast</b> .....	7,623	40,298
New Jersey.....	130	1,792	Alaska.....	5,680	31,383
New York.....	127	1,850	California.....	840	3,427
<b>North Carolina</b> .....	301	3,375	Hawaii.....	750	1,052
Pennsylvania.....		89	Oregon.....	296	1,410
Rhode Island.....	40	384	Washington.....	157	3,026
			<b>Arctic coast, Alaska</b> .....	1,060	2,521

<sup>1</sup> Figures 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.

<sup>2</sup> Figures 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: Department of Commerce, Coast and Geodetic Survey; *Coastline of the United States*, April 1, 1961.

## No. 220. AREA, BY STATES AND FOR OTHER AREAS: 1960

[Area in square miles. See also table 4]

STATE OR OTHER AREA	Capital	Year of admission to Statehood	AREA			
			Total	Rank order	Land <sup>1</sup>	Water <sup>2</sup>
United States.....			3,615,211		3,548,974	66,237
New England.....			66,608		63,126	3,482
Maine.....	Augusta	1820	33,215	39	31,012	2,203
New Hampshire.....	Concord	1788	9,304	44	9,014	290
Vermont.....	Montpelier	1791	9,609	43	9,276	333
Massachusetts.....	Boston	1788	8,257	45	7,867	390
Rhode Island.....	Providence	1790	1,214	50	1,058	156
Connecticut.....	Hartford	1788	5,009	48	4,899	110
Middle Atlantic.....			102,745		100,467	2,278
New York.....	Albany	1788	49,576	30	47,939	1,637
New Jersey.....	Trenton	1787	7,836	46	7,521	315
Pennsylvania.....	Harrisburg	1787	45,333	33	45,007	326
East North Central.....			248,283		244,811	3,472
Ohio.....	Columbus	1803	41,222	35	40,972	250
Indiana.....	Indianapolis	1816	36,291	38	36,185	106
Illinois.....	Springfield	1818	56,400	24	55,980	420
Michigan.....	Lansing	1837	58,216	23	57,019	1,197
Wisconsin.....	Madison	1848	56,154	26	54,705	1,449
West North Central.....			517,247		509,674	7,573
Minnesota.....	St. Paul	1858	84,068	12	80,009	4,059
Iowa.....	Des Moines	1846	56,290	25	56,032	258
Missouri.....	Jefferson City	1821	69,686	10	69,138	548
North Dakota.....	Bismarck	1889	70,665	17	69,467	1,208
South Dakota.....	Pierre	1889	77,047	16	76,378	669
Nebraska.....	Lincoln	1867	77,227	15	76,612	615
Kansas.....	Topeka	1861	82,264	14	82,048	216
South Atlantic.....			278,902		267,695	11,207
Delaware.....	Dover	1787	2,057	49	1,978	79
Maryland.....	Annapolis	1788	10,577	42	9,874	703
Dist. of Columbia.....			69	51	61	8
Virginia.....	Richmond	1788	40,815	36	39,838	977
West Virginia.....	Charleston	1863	24,181	41	24,070	102
North Carolina.....	Raleigh	1789	52,712	28	49,067	3,645
South Carolina.....	Columbia	1788	31,055	40	30,272	783
Georgia.....	Atlanta	1788	58,876	21	58,274	602
Florida.....	Tallahassee	1845	58,570	22	54,262	4,308
East South Central.....			181,964		179,908	2,056
Kentucky.....	Frankfort	1792	40,395	37	39,893	502
Tennessee.....	Nashville	1796	42,244	34	41,702	482
Alabama.....	Montgomery	1819	51,609	29	51,060	549
Mississippi.....	Jackson	1817	47,716	32	47,223	493
West South Central.....			438,885		429,332	9,553
Arkansas.....	Little Rock	1836	53,104	27	52,499	605
Louisiana.....	Baton Rouge	1812	48,523	31	45,106	3,417
Oklahoma.....	Oklahoma City	1907	69,910	18	68,887	1,022
Texas.....	Austin	1845	267,339	2	262,840	4,499
Mountain.....			863,887		856,951	6,936
Montana.....	Helena	1889	147,138	4	145,736	1,402
Idaho.....	Boise	1890	83,557	13	82,708	849
Wyoming.....	Cheyenne	1890	97,014	9	97,411	503
Colorado.....	Denver	1876	104,247	8	103,884	363
New Mexico.....	Santa Fe	1912	121,666	5	121,610	156
Arizona.....	Phoenix	1912	113,909	6	113,575	334
Utah.....	Salt Lake City	1896	84,916	11	82,339	2,577
Nevada.....	Carson City	1864	110,540	7	109,788	752
Pacific.....			916,690		897,010	19,680
Washington.....	Olympia	1889	68,192	20	66,709	1,483
Oregon.....	Salem	1859	96,981	10	96,248	733
California.....	Sacramento	1850	158,693	3	156,573	2,120
Alaska.....	Juneau	1959	586,400	1	571,065	15,335
Hawaii.....	Honolulu	1959	6,424	47	6,415	9
Puerto Rico.....	San Juan		3,435		3,421	14
American Samoa.....	Pago Pago		76		76	
Canal Zone.....			558		362	191
Guam.....	Agaña		212		209	3
Trust Terr. of Pacific Islands <sup>3</sup>			8,484		687	7,797
Virgin Islands of U.S.....	Charlotte Amalie		133		132	1

<sup>1</sup> Dry land and land temporarily or partially covered by water, such as marshland, swamps, and river flood plains; streams, sloughs, estuaries, and canals less than one-eighth of a statute mile in width; and lakes, reservoirs, and ponds less than 40 acres of area.

<sup>2</sup> Permanent inland water surface, such as lakes, reservoirs, and ponds having 40 acres or more of area; streams, sloughs, estuaries, and canals one-eighth of a 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. Does not include water surface of the oceans, bays, the Gulf of Mexico, the Great Lakes, Long Island Sound, Puget Sound, and the Straits of Juan de Fuca and Georgia, lying within the jurisdiction of the United States but not defined as inland water.

<sup>3</sup> Year of ratification of Constitution; one of the original 13 States.

<sup>4</sup> See table 4, footnote 13.

<sup>5</sup> See table 4, footnote 16.

Source: Department of Commerce, Bureau of the Census; U. S. Census of Population: 1960, Vol. I, reports and records.

No. 221. EXTREME POINTS OF THE UNITED STATES

[The geographic center of an area may be defined as that point on which the surface of the area would balance if it were a plane of uniform thickness or, in other words, the center of gravity of the surface. The exact position of the geographic center of the United States cannot be determined from the data available and the positions given here must be considered approximate only. They are believed to be sufficiently accurate for ordinary purposes]

LOCATION	Direction from geographic center	COORDINATES		Distance from geographic center
		Latitude (N)	Longitude (W)	
From geographic center of United States (conterminous area) near Lebanon, Smith County, Kans., 39°50', 98°35' to—				Miles
Lake of the Woods, Minnesota.....	North.....	49°23'	95°09'	680
West Quoddy Head, Maine.....	Northeast.....	44°49'	66°57'	1,640
Cape Sable, Florida.....	Southeast.....	25°07'	81°05'	1,434
Cape Alava, Washington.....	Northwest.....	48°10'	124°44'	1,412
From geographic center of United States (excl. Hawaii) near Castle Rock, Butte County, S. Dak., 44°59', 103°38' to—				
Point Barrow, Alaska.....	Northwest.....	71°23'	156°29'	2,505
West Quoddy Head, Maine.....	East.....	44°49'	66°57'	1,779
Cape Sable, Florida.....	Southeast.....	25°07'	81°05'	1,800
Cape Wrangell, Attu Island, Alaska.....	Northwest.....	62°55'	172°27' (E)	3,623
From geographic center of the United States (incl. Alaska and Hawaii) west of Castle Rock, S. Dak., 44°58', 103°46' to—				
Point Barrow, Alaska.....	Northwest.....	71°23'	156°29'	2,502
West Quoddy Head, Maine.....	East.....	44°49'	66°57'	1,785
Ka Lae (South Cape), Hawaii Island, Hawaii.....	Southwest.....	18°56'	155°41'	3,455
Kure Island, Hawaii.....	Southwest.....	28°25'	178°22'	4,136

<sup>1</sup> Excludes adjacent islands.

<sup>2</sup> Excludes islands adjacent to the United States (conterminous area).

<sup>3</sup> Excludes islands adjacent to the United States (conterminous area) but includes all islands of the Aleutian chain and Hawaii.

Note.—The following distances are computed to mean sea level: (a) from West Quoddy Head west along the parallel to the Pacific Ocean the distance is 2,807 miles; (b) from the south point of Texas due north to the 49th parallel the distance is 1,698 miles; (c) from West Quoddy Head, Maine, to Cape Wrangell, Alaska, the distance is 4,839 miles; (d) from West Quoddy Head, Maine, to Kure Island, Hawaii, the distance is 5,788 miles; (e) from Mangrove Point, Florida, to Cape Wrangell, Alaska, the distance is 5,496 miles; (f) the two points farthest apart are Kure Island, Hawaii, and Mangrove Point, Florida, a distance of 5,848 miles; (g) length of the northern boundary, excluding Alaska, is 3,987 miles; (h) length of the Mexican boundary from the Gulf of Mexico to the Pacific Ocean is approximately 2,013 miles; (i) length of the Canadian-Alaskan boundary from Arctic Ocean to Portland Canal is approximately 1,638 miles.

The Lake of the Woods projection extends to latitude 49°23' at longitude 95°09'. The extreme south point of Texas is in latitude 25°50', longitude 97°24'.

Source: Department of the Interior, Geological Survey; *Boundaries, Areas, Geographic Centers, and Altitude of the United States and the Several States* (bulletin 817), M10-18, and records.

No. 222. WATER AREA, OTHER THAN INLAND WATER, BY PRIMARY BODIES OF WATER, BY STATES

[In square miles. Includes only that portion of body of water under the jurisdiction of the U.S., excluding Alaska and Hawaii. Excludes inland waters (see footnote 2, table 220)]

BODY OF WATER	State	Area	BODY OF WATER	State	Area
Total.....		74,364	Gulf of Mexico coastal water.....		3,837
Atlantic coastal water.....		2,298	Alabama.....		500
Florida.....		37	Florida.....		1,698
Georgia.....		48	Louisiana.....		1,016
Maine.....		1,102	Mississippi.....		556
Massachusetts.....		959	Texas.....		7
Rhode Island.....		14	Lake Michigan.....		22,178
South Carolina.....		138	Illinois.....		1,526
Chesapeake Bay.....		3,237	Indiana.....		228
Maryland.....		1,726	Michigan.....		13,037
Virginia.....		1,611	Wisconsin.....		7,987
Delaware Bay.....		605	New York Harbor.....		82
Delaware.....		350	New Jersey.....		60
New Jersey.....		315	New York.....		23
Lake Erie.....		5,002	Lake Ontario.....		3,038
Michigan.....		216	Pacific coastal water.....		843
New York.....		594	California.....		69
Ohio.....		3,457	Oregon.....		48
Pennsylvania.....		735	Washington.....		226
Straits of Georgia and Juan de Fuca.....		1,610	Washington.....		561
Lake Huron.....		8,975	Lake St. Clair.....		116
Long Island Sound.....		1,260	Lake Superior.....		21,118
Connecticut.....		573	Michigan.....		16,231
New York.....		726	Minnesota.....		2,212
			Wisconsin.....		2,675

Source: Department of Commerce, Bureau of the Census; *Areas of the United States: 1940.*

## No. 223. LENGTHS OF PRINCIPAL RIVERS

[Comprises rivers 400 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]

RIVER	Outflow	Length (miles)	RIVER	Outflow	Length (miles)
Apalachicola-Chattahoochee	Gulf of Mexico	500	North Canadian	Canadian River	760
Arkansas	Mississippi River	1,450	North Platte	Platte River	618
Brazos	Gulf of Mexico	870	Ohio	Mississippi River	981
Canadian	Arkansas River	906	Ohio-Allegheny	Mississippi River	1,803
Cimarron	Arkansas River	600	Osage	Missouri River	500
Clark Fork-Pend Oreille	Columbia River	505	Ouachita	Red River	605
Colorado (U.S.-Mex.)	Gulf of California	1,450	Pearl	Gulf of Mexico	490
Colorado (Texas)	Matagorda Bay	840	Pecos	Rio Grande	785
Columbia	Pacific Ocean	1,214	Pee Dee-Yadkin	Winyah Bay	435
Columbia, Upper	To mouth of Snake River	890	Porcupine	Yukon River	450
Connecticut	Long Island Sound	407	Red (Okla.-Tex.-La.)	Mississippi River	1,013
Cumberland	Ohio River	687	Red River of the North	Lake Winnipeg	545
Gila	Colorado River	630	Republican	Kansas River	445
Green (Utah-Wyo.)	Colorado River	730	Rio Grande	Gulf of Mexico	1,885
James (N. Dak.-S. Dak.)	Missouri River	710	St. Francis	Mississippi River	425
Koyukuk	Yukon River	500	Salmon (Idaho)	S Snake River	420
Kuskokwim	Kuskokwim Bay	550	Santee-Waterloo-Catawba	Atlantic Ocean	538
Little Missouri	Missouri River	560	Smoky Hill	Kansas River	540
Milk	Missouri River	625	Snake	Columbia River	1,038
Mississippi	Mouth of SW Pass	2,348	South Platte	Platte River	424
Mississippi, Upper	To mouth of Missouri River	1,171	Susquehanna	Chesapeake Bay	444
Mississippi-Missouri-Red Rock	Mouth of SW Pass	3,880	Tanana	Yukon River	800
Missouri	Mississippi River	2,466	Tennessee	Ohio River	652
Missouri-Red Rock	Mississippi River	2,683	Tennessee-French Broad	Ohio River	862
Mobile-Alabama-Coosa	Mobile Bay	639	Tombigbee	Mobile River	409
Neosho	Arkansas River	460	Wabash	Ohio River	475
Niobrara	Missouri River	431	Washita	Red River	500
			White (Ark.-Mo.)	Mississippi River	690
			Wisconsin	Mississippi River	430
			Yellowstone	Missouri River	671
			Yukon	Bering Sea	1,800

Source: Department of the Interior, Geological Survey.

## No. 224. AREAS OF SELECTED NATURAL LAKES

[In square miles. Comprises lakes with surface area of 100 square miles or more]

LAKE	State	Area	LAKE	State	Area
Bear	Idaho and Utah	110	Pend Oreille	Idaho	148
Becharof	Alaska	458	Pontchartrain <sup>1</sup>	Louisiana	625
Calcasieu <sup>1</sup>	Louisiana	117	Rainy	Minnesota and Canada	345
Champlain	New York, Vermont, and Canada	490	Red Lake (Upper and Lower)	Minnesota	451
Flathead	Montana	197	St. Clair	Michigan and Canada	460
Great Salt <sup>1</sup>	Utah	<sup>2</sup> 1,100	Salton Sea <sup>1</sup>	California	<sup>2</sup> 350
Ulamna	Alaska	1,000	Tahoe	California and Nevada	193
Lake of the Woods	Minnesota and Canada	1,485	Teshikpuk	Alaska	315
Leech	Minnesota	178	Ugashik	Alaska	147
Mille Lacs	Minnesota	207	Utah	Utah	140
Moosehead	Maine	117	Winnepago	Wisconsin	215
Naknek	Alaska	242	Yellowstone	Wyoming	137
Okeechobee	Florida	703			

<sup>1</sup> Salty. <sup>2</sup> Variable.

Source: Department of the Interior, Geological Survey.

# No. 225. EXTREME AND MEAN ALTITUDES IN THE UNITED STATES, BY STATES AND FOR OTHER AREAS

[In feet]

STATE OR OTHER AREA	HIGHEST POINT		LOWEST POINT		Approximate mean altitude
	Name	Altitude	Name	Altitude	
United States.....	Mount McKinley.....	20,320	Death Valley.....	-282	2,500
Alabama.....	Cheaha Mountain.....	2,407	Gulf of Mexico.....	(1)	500
Alaska.....	Mount McKinley.....	20,320	Pacific Ocean.....	(1)	1,900
Arizona.....	Humphreys Peak.....	12,670	Colorado River.....	100	4,100
Arkansas.....	Magazine Mountain.....	2,823	Onachita River.....	55	650
California.....	Mount Whitney.....	14,495	Death Valley.....	-282	2,900
Colorado.....	Mount Elbert.....	14,431	Arkansas River.....	3,350	6,800
Connecticut.....	Mt. Frissell, on South slope.....	2,380	Long Island Sound.....	(1)	500
Delaware.....	Bright Road.....	442	Atlantic Ocean.....	(1)	60
Dist. of Col.....	Tenleytown.....	410	Potomac River.....	(1)	150
Florida.....	Sec. 30, T6N, R20W, Walton County.....	345	Atlantic Ocean.....	(1)	100
Georgia.....	Brasstown Bald.....	4,784	Atlantic Ocean.....	(1)	600
Hawaii.....	Maua Kea.....	13,796	Pacific Ocean.....	(1)	1,990
Idaho.....	Borah Peak.....	12,682	Snake River.....	720	5,000
Illinois.....	Charles Mound.....	1,241	Mississippi River.....	279	600
Indiana.....	Franklin Twp., Randolph County.....	1,253	Ohio River.....	320	700
Iowa.....	T100N, R44W, Osceola Co.....	1,675	Mississippi River.....	480	1,100
Kansas.....	Mount Sunflower, Sec. 12, T11S, R43W, Wallace Co.....	4,026	Verdigris River.....	700	2,000
Kentucky.....	Black Mountain.....	4,145	Mississippi River.....	257	750
Louisiana.....	Driskill Mountain.....	635	New Orleans.....	-5	100
Maine.....	Mount Katahdin.....	5,268	Atlantic Ocean.....	(1)	600
Maryland.....	Backbone Mountain, near Kempton, W. Va.....	3,360	Atlantic Ocean.....	(1)	350
Massachusetts.....	Mount Greylock.....	3,491	Atlantic Ocean.....	(1)	500
Michigan.....	Sec. 2, T60N, R31W, Baraga County.....	1,980	Lake Erie.....	572	900
Minnesota.....	Misquah Hills.....	2,230	Lake Superior.....	602	1,200
Mississippi.....	Woodell Mountain, near Iuka.....	806	Gulf of Mexico.....	(1)	300
Missouri.....	Taum Sauk Mountain.....	1,772	St. Francis River.....	230	800
Montana.....	Granite Peak.....	12,799	Kootenai River.....	1,800	3,400
Nebraska.....	Johnson Twp., Kimball Co.....	5,424	Southeast corner of State.....	840	2,600
Nevada.....	White Mountains, Boundary Peak.....	13,145	Colorado River.....	470	5,500
New Hampshire.....	Mount Washington.....	6,288	Atlantic Ocean.....	(1)	1,000
New Jersey.....	High Point.....	1,803	Atlantic Ocean.....	(1)	250
New Mexico.....	Wheeler Peak.....	13,160	Red Bluff Res.....	2,817	5,700
New York.....	Mount Marcy.....	5,344	Atlantic Ocean.....	(1)	1,000
North Carolina.....	Mount Mitchell.....	6,684	Atlantic Ocean.....	(1)	700
North Dakota.....	White Butte.....	3,530	Red River.....	750	1,900
Ohio.....	Campbell Hill.....	1,550	Ohio River.....	433	850
Oklahoma.....	Black Mesa.....	4,978	Red River.....	300	1,300
Oregon.....	Mount Hood.....	11,245	Pacific Ocean.....	(1)	3,300
Pennsylvania.....	Negro Mountains (Mount Davis).....	3,213	Delaware River.....	(1)	500
Rhode Island.....	Jerimoth Hill.....	812	Atlantic Ocean.....	(1)	200
South Carolina.....	Sassafras Mountain.....	3,560	Atlantic Ocean.....	(1)	350
South Dakota.....	Harney Peak.....	7,242	Big Stone Lake.....	962	2,200
Tennessee.....	Clingmans Dome.....	6,642	Mississippi River.....	182	900
Texas.....	Guadalupe Peak.....	8,761	Gulf of Mexico.....	(1)	1,700
Utah.....	Kings Peak.....	13,498	Beaverdam Creek.....	2,000	6,100
Vermont.....	Mount Mansfield.....	4,393	Lake Champlain.....	95	1,000
Virginia.....	Mount Rogers.....	5,720	Atlantic Ocean.....	(1)	950
Washington.....	Mount Rainier.....	14,410	Pacific Ocean.....	(1)	1,700
West Virginia.....	Spruce Knob.....	4,800	Potomac River.....	240	1,500
Wisconsin.....	Rib Mountain.....	1,941	Lake Michigan.....	581	1,050
Wyoming.....	Gannett Peak.....	13,785	Belle Fourche River.....	3,100	6,700
Puerto Rico.....	Cerro de Punta.....	4,389	Atlantic Ocean.....	(1)	2,200
American Samoa.....	Lata.....	3,056	Pacific Ocean.....	(1)	1,500
Canal Zone.....	Cerro Galera.....	1,205	Atlantic Ocean.....	(1)	100
Guam.....	Mount Lamlam.....	1,334	Pacific Ocean.....	(1)	650
Virgin Islands.....	Crown Mountain.....	1,556	Atlantic Ocean.....	(1)	750

\* Sea level.

Source: Department of the Interior, Geological Survey.

## No. 226. ALTITUDES OF NAMED MOUNTAIN PEAKS

[In feet. Comprises peaks 14,000 feet or over, above sea level]

SUMMIT	State	Rank	Altitude	SUMMIT	State	Rank	Altitude
Alverstone.....	Alaska.....	14	14,500	Massive.....	Colo.....	18	14,418
Antero.....	Colo.....	27	14,269	McKinley.....	Alaska.....	1	20,320
Angusta.....	Alaska.....	62	14,070	Middle Palisade.....	Calif.....	72	14,040
Bear.....	Alaska.....	11	14,850	Missouri Mountain.....	Colo.....	04	14,067
Belford.....	Colo.....	39	14,197	Muir.....	Calif.....	80	14,015
Bierstadt.....	Colo.....	69	14,046	North Maroon Peak.....	Colo.....	80	14,000
Blackburn.....	Alaska.....	5	16,523	North Palisade.....	Calif.....	35	14,242
Blanca Peak.....	Colo.....	22	14,317	North Peak.....	Alaska.....	2	19,370
Bona.....	Alaska.....	6	16,427	Oxford.....	Colo.....	48	14,153
Bross.....	Colo.....	42	14,169	Pikes Peak.....	Colo.....	55	14,110
Brown Tower.....	Alaska.....	13	14,530	Point Success.....	Wash.....	49	14,150
Cameron (Pk.).....	Colo.....	36	14,238	Princeton.....	Colo.....	38	14,197
Capitol Peak.....	Colo.....	52	14,137	Pyramid (Pitkin County).....	Colo.....	84	14,000
Castle (Gunnison-Pitkin Counties).....	Colo.....	30	14,269	Quandary.....	Colo.....	32	14,252
Columbia.....	Colo.....	61	14,071	Ranier.....	Wash.....	19	14,410
Crestone.....	Colo.....	24	14,291	Red Cloud.....	Colo.....	67	14,050
Crestone Needle (Custer-Saguacho Counties).....	Colo.....	41	14,191	Russell.....	Calif.....	59	14,086
Culebra.....	Colo.....	63	14,069	St. Elias.....	Alaska.....	3	18,008
Democrat.....	Colo.....	51	14,142	Sanford.....	Alaska.....	7	16,208
Elbert.....	Colo.....	16	14,431	San Luis.....	Colo.....	81	14,014
El Diente.....	Colo.....	45	14,159	Shasta.....	Calif.....	44	14,162
Eolus (Aeolus).....	Colo.....	58	14,086	Shavano.....	Colo.....	37	14,229
Evans (Clear Creek County).....	Colo.....	29	14,260	Sherman.....	Colo.....	73	14,037
Fairweather.....	Alaska.....	9	15,300	Sill, Mount.....	Calif.....	43	14,162
Foraker.....	Alaska.....	4	17,395	Sneffels.....	Colo.....	50	14,150
Grays.....	Colo.....	26	14,274	Snowmass.....	Colo.....	60	14,077
Grizzly.....	Colo.....	85	14,000	Split.....	Calif.....	66	14,058
Handies.....	Colo.....	68	14,049	Stewart.....	Colo.....	74	14,032
Harvard.....	Colo.....	17	14,420	Sunlight.....	Colo.....	65	14,060
Hubbard.....	Alaska.....	10	14,950	Sunshine (Pk.).....	Colo.....	77	14,018
Humboldt.....	Colo.....	70	14,044	Tabeguache.....	Colo.....	47	14,155
Hunter.....	Alaska.....	12	14,580	Torreyes.....	Colo.....	28	14,264
Huron.....	Colo.....	83	14,003	Tyndall.....	Calif.....	76	14,018
Kit Carson.....	Colo.....	56	14,100	Uncompahgre.....	Colo.....	23	14,301
Langley.....	Calif.....	75	14,028	Vancouver.....	Alaska.....	8	15,700
La Plata.....	Colo.....	21	14,340	Wetterhorn (Pk.).....	Colo.....	78	14,017
Liberty Cap.....	Wash.....	53	14,133	White.....	Calif.....	34	14,246
Lincoln.....	Colo.....	25	14,284	Whitney.....	Calif.....	15	14,495
Lindsey.....	Colo.....	54	14,125	Williamson.....	Calif.....	20	14,375
Little Bear Peak.....	Colo.....	71	14,040	Wilson Mountain.....	Colo.....	33	14,246
Longs.....	Colo.....	41	14,255	Wilson (Pk.) (San Miguel County).....	Colo.....	79	14,017
Maroon Peak.....	Colo.....	36	14,158	Windom.....	Colo.....	57	14,091
				Wrangell.....	Alaska.....	82	14,006
				Yale.....	Colo.....	40	14,194

Source: Department of the Interior, Geological Survey.

## No. 227. TORNADOES, FLOODS, AND TROPICAL CYCLONES: 1926 TO 1961

[Figures for tornadoes include Alaska and Hawaii]

PERIOD OR YEAR	TORNADOES				FLOODS		NORTH ATLANTIC TROPICAL CYCLONES AND HURRICANES <sup>1</sup>			
	Number	Lives lost		Number with property loss of \$1,000,000 and over	Lives lost	Property loss (mil. dol.)	Number reaching U.S. coast		Lives lost in U.S.	
		Total	Most in a single tornado during period				Total	Hurri- cane only		
1926-30.....	866	1,229	92	15	557	500	11	8	2,108	
1931-35.....	830	909	37	7	368	187	21	12	494	
1936-40.....	787	916	216	12	607	879	21	8	663	
1941-45.....	727	980	100	22	346	605	20	11	105	
1946-50.....	902	813	169	22	306	843	22	12	79	
1951-55.....	2,087	940	116	39	502	2,507	18	9	416	
1956-60.....	3,168	445	44	240	228	877	20	7	507	
1954.....	549	35	6	3	55	107	4	3	193	
1955.....	593	125	80	4	302	995	5	3	218	
1956.....	532	83	25	13	42	65	2	1	21	
1957.....	864	191	44	19	82	300	5	1	395	
1958.....	555	66	19	4	47	218	1	0	2	
1959.....	589	58	21	4	25	141	7	3	24	
1960.....	618	47	16	(3)	32	93	5	2	65	
1961.....	682	51	16	(3)	(3)	(3)	2	2	46	

<sup>1</sup> Tropical cyclones have maximum winds of 39 to 73 miles per hour; hurricanes have maximum winds of 74 miles per hour or higher. <sup>2</sup> 1956-59 data. <sup>3</sup> Not available.Source: Department of Commerce, Weather Bureau: *Climatological Data*, annual national summary issues.



## No. 228. ESTIMATED WATER USE: 1900 TO 1960, AND PROJECTIONS TO 1980

[In billions of gallons daily average. In preparing these projections, it was estimated that the population residing in the United States (conterminous area) would grow from 176.2 million in 1959 to 230.8 million in 1980, and that the index of industrial production would rise from approximately 152 to 330 in the same period. See also *Historical Statistics, Colonial Times to 1867*, series J 91-102]

YEAR	TOTAL WATER USE		IRRIGATION <sup>1</sup>		PUBLIC WATER UTILITIES		SELF-SUPPLIED USES					
	Total	Ground	Total	Ground	Total	Ground	Rural domestic <sup>2</sup>		Industrial and miscellaneous <sup>3</sup>		Steam electric utilities	
							Total	Ground	Total	Ground	Total	Ground
1900----	40.19	7.28	20.19	2.22	3.00	1.05	2.00	1.60	10.00	2.40	5.00	0.01
1910----	66.44	11.68	39.04	5.27	4.70	1.49	2.20	1.76	14.00	3.15	6.60	0.01
1920----	91.54	15.78	55.94	8.17	6.00	1.79	2.40	1.94	18.00	3.87	9.20	0.01
1930----	110.50	18.18	60.20	9.09	8.00	2.30	2.90	2.40	21.00	4.37	18.40	0.02
1940----	136.43	22.56	71.03	11.22	10.10	2.82	3.10	2.64	29.00	5.86	23.20	0.02
1945----	170.46	28.33	83.06	14.12	12.00	3.28	3.20	2.78	41.00	8.12	31.20	0.03
1950----	202.70	35.19	100.00	19.80	14.10	3.78	4.00	4.09	38.10	7.47	45.90	0.05
1955----	263.80	47.79	116.30	29.08	16.30	4.27	5.40	4.91	49.20	9.45	76.60	0.08
1960----	322.90	58.17	135.00	35.24	22.00	5.68	6.00	5.58	61.20	11.57	98.70	0.10
1965----	371.70	66.30	148.10	40.14	25.00	6.28	6.50	6.14	73.20	13.62	118.90	0.12
1970----	411.20	73.27	159.00	44.20	27.00	6.64	6.90	6.56	86.00	15.74	132.30	0.13
1975----	449.70	79.37	169.70	47.52	29.80	7.15	7.20	6.85	98.40	17.71	144.60	0.14
1980----	494.10	84.94	178.00	50.02	32.00	7.36	7.40	7.04	115.00	20.36	161.70	0.16

<sup>1</sup> Total take, including delivery losses but not including reservoir evaporation.

<sup>2</sup> Rural farm and nonfarm household and garden use, and water for farm stock and dairies.

<sup>3</sup> Manufacturing industries, mineral industries, rural commercial, air conditioning, resorts, hotels, motels, military and other State and Federal, and other miscellaneous uses.

Source: Department of Commerce, Business and Defense Services Administration.

## No. 229. INVENTORY OF PUBLIC WATER SUPPLIES FOR COMMUNITY WATER SYSTEMS: 1959

[Includes only systems serving a population of 25,000 or more. Estimated total number of public water systems in the United States (conterminous area) is 19,000 systems serving a population of approximately 126 million. An estimated 15.7 percent of water used by manufacturing industries is supplied by public water systems]

ITEM	Total	COMMUNITIES HAVING A POPULATION SERVED OF—				
		500,000 or more	250,000 to 499,999	100,000 to 249,999	50,000 to 99,999	25,000 to 49,999
Communities and districts.....number.....	681	41	35	129	192	284
1950 Census population.....1,000.....	67,222	32,934	6,351	11,692	8,788	7,479
Estimated population served.....do.....	95,899	48,182	11,133	17,662	10,946	7,976
Ownership of public water supply.....number.....	564	40	33	116	158	217
Municipal or district—public.....do.....	466	34	24	93	131	184
Private.....do.....	98	6	9	23	27	33
Average output of water <sup>1</sup> .....mil. gal. daily.....	13,632	7,241	1,427	2,388	1,441	1,185
Water used, maximum month <sup>1</sup> .....mil. gal.....	563,003	290,618	58,780	101,746	59,655	46,224
Water used, maximum day <sup>1</sup> .....mil. gal. daily.....	22,333	11,382	2,370	4,184	2,404	1,933
Impounded storage.....mil. gal.....	5,973,999	2,401,312	594,788	1,400,280	369,843	1,207,776
Transmission capacity, maximum.....mil. gal. daily.....	31,147	10,234	3,358	4,192	2,752	1,621
Dependable yield, ground water.....do.....	6,232	1,038	928	1,832	1,361	1,073
Raw water storage.....mil. gal.....	269,673	213,160	50,924	1,518	2,371	2,000
Raw water pumping capacity.....mil. gal. daily.....	22,634	11,297	2,029	4,474	2,690	2,144
Treatment plant:						
Rated capacity.....do.....	21,828	10,502	2,635	4,322	2,242	2,127
Overload capacity <sup>1</sup> .....do.....	26,822	13,126	3,215	5,179	2,767	2,535
Service pumping capacity.....mil. gal. daily.....	28,614	13,169	2,949	6,075	3,592	2,889
Distribution storage:						
Pumped to mains.....mil. gal.....	4,875	1,959	410	1,193	611	702
Elevated.....do.....	65,406	56,675	1,507	3,654	2,028	1,642
Number of services <sup>1</sup> .....1,000.....	19,130	7,750	2,218	3,968	2,944	2,250
Number of meters <sup>1</sup> .....do.....	16,815	6,172	2,177	3,582	2,761	2,123

<sup>1</sup> Approximately 2 to 4 percent estimated.

Source: Department of Commerce, Business and Defense Services Administration.

# No. 230. AIR POLLUTION—NATIONAL AIR SAMPLING LEVELS FOR SELECTED CITIES: 1960

[Values of samples taken nationally on a biweekly basis. The National Air Sampling Network obtains basic information from more than 250 stations on the nature and extent of air pollution throughout the country]

STATION		SUSPENDED PARTICULATE MATTER (MICROGRAMS PER CUBIC METER) <sup>1</sup>			BENZENE SOLUBLE ORGANIC MATTER (MICROGRAMS PER CUBIC METER) <sup>2</sup>			RADIOACTIVITY <sup>3</sup> (PICOCURIES <sup>4</sup> PER CUBIC METER)		
		Min.	Max.	Avg.	Min.	Max.	Avg.	Min.	Max.	Avg.
Alabama.....	Birmingham.....	38	400	146	3.6	57.0	14.2	( <sup>5</sup> )	0.4	0.1
Alaska.....	Anchorage.....	18	269	98	1.7	14.6	5.0	( <sup>5</sup> )	0.2	0.1
Arizona.....	Phoenix.....	98	573	247	3.8	55.7	21.0	( <sup>5</sup> )	0.4	0.2
Arkansas.....	Little Rock.....	29	147	72	0.8	25.6	6.8	( <sup>5</sup> )	0.3	0.1
California.....	Los Angeles.....	50	344	156	3.0	69.4	21.2	( <sup>5</sup> )	0.5	0.1
	Oakland.....	37	243	100	2.4	50.5	11.8	( <sup>5</sup> )	0.3	0.1
	San Diego.....	34	166	81	2.5	29.0	9.5	( <sup>5</sup> )	0.3	0.1
	San Francisco.....	32	183	70	2.5	28.4	7.8	( <sup>5</sup> )	0.3	0.1
Colorado.....	Denver.....	54	229	126	3.0	29.9	12.7	( <sup>5</sup> )	0.4	0.2
Connecticut.....	Hartford.....	53	241	114	3.8	44.0	11.8	( <sup>5</sup> )	0.3	0.1
	New Haven.....	42	248	88	3.0	27.6	9.3	( <sup>5</sup> )	0.3	0.1
Delaware.....	Wilmington.....	90	403	221	5.2	48.5	17.5	( <sup>5</sup> )	0.5	0.2
Dist. of Col.....	Washington.....	76	242	135	5.6	48.6	17.3	( <sup>5</sup> )	0.3	0.2
Florida.....	Tampa.....	48	233	94	1.8	25.9	7.4	( <sup>5</sup> )	1.2	0.2
Georgia.....	Atlanta.....	46	236	112	3.5	25.2	11.4	( <sup>5</sup> )	0.4	0.2
Hawaii.....	Honolulu.....	29	79	47	1.9	8.6	4.1	( <sup>5</sup> )	0.3	0.1
Idaho.....	Boise.....	73	242	126	4.3	36.8	12.0	( <sup>5</sup> )	0.3	0.1
Illinois.....	Chicago.....	88	206	182	7.4	26.5	14.5	( <sup>5</sup> )	0.3	0.1
Indiana.....	Indianapolis.....	92	275	178	6.3	30.8	15.2	0.1	0.4	0.2
Iowa.....	Des Moines.....	61	329	183	2.0	39.4	12.1	( <sup>5</sup> )	0.4	0.2
Kansas.....	Wichita.....	22	174	102	2.7	17.3	7.5	( <sup>5</sup> )	0.5	0.2
Louisiana.....	New Orleans.....	62	117	87	3.9	18.7	9.2	( <sup>5</sup> )	0.3	0.1
Maine.....	Portland.....	50	147	82	3.1	15.0	7.0	( <sup>5</sup> )	0.2	0.1
Maryland.....	Baltimore.....	48	495	148	3.3	55.0	13.2	( <sup>5</sup> )	0.3	0.1
Massachusetts.....	Boston.....	55	252	141	4.0	35.8	12.8	( <sup>5</sup> )	0.3	0.1
Michigan.....	Detroit.....	59	235	146	2.7	27.3	11.0	( <sup>5</sup> )	0.3	0.1
Minnesota.....	Minneapolis.....	43	231	100	3.1	25.0	8.2	( <sup>5</sup> )	0.3	0.1
	St. Paul.....	52	155	102	4.8	27.4	9.4	( <sup>5</sup> )	0.3	0.1
Mississippi.....	Jackson.....	27	124	74	1.6	17.7	6.3	( <sup>5</sup> )	0.3	0.1
Missouri.....	Kansas City.....	70	343	142	5.6	21.2	10.1	( <sup>5</sup> )	0.3	0.2
	St. Louis.....	63	295	168	5.2	25.5	13.2	( <sup>5</sup> )	0.3	0.1
Montana.....	Helena.....	11	141	55	0.8	13.6	2.8	( <sup>5</sup> )	0.3	0.1
Nebraska.....	Omaha.....	39	198	107	3.4	17.0	7.9	( <sup>5</sup> )	0.4	0.1
Nevada.....	Las Vegas.....	50	389	145	2.6	21.2	8.0	( <sup>5</sup> )	0.5	0.2
New Hampshire.....	Manchester.....	32	156	66	2.3	27.1	7.6	( <sup>5</sup> )	0.3	0.1
New Jersey.....	Newark.....	42	232	113	4.5	23.6	10.9	( <sup>5</sup> )	0.2	0.1
New Mexico.....	Albuquerque.....	61	646	244	5.6	32.3	13.4	0.1	0.5	0.2
New York.....	Buffalo.....	41	283	105	1.8	13.9	5.6	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
	New York.....	79	270	162	7.3	31.2	13.7	( <sup>5</sup> )	0.3	0.1
	Rochester.....	72	273	152	4.2	46.1	10.1	( <sup>5</sup> )	0.3	0.1
North Carolina.....	Charlotte.....	62	234	124	4.2	31.6	13.4	( <sup>5</sup> )	0.4	0.2
North Dakota.....	Bismarck.....	24	187	103	0.8	8.4	3.9	( <sup>5</sup> )	0.4	0.1
Ohio.....	Cincinnati.....	63	316	145	5.2	22.4	9.4	( <sup>5</sup> )	0.3	0.1
	Cleveland.....	86	336	174	2.0	31.8	12.5	( <sup>5</sup> )	0.3	0.1
	Columbus.....	74	190	110	4.8	18.9	8.9	( <sup>5</sup> )	0.4	0.1
Oklahoma.....	Oklahoma City.....	42	173	84	2.8	15.3	7.2	( <sup>5</sup> )	0.3	0.2
Oregon.....	Portland.....	21	185	70	1.5	29.0	6.8	( <sup>5</sup> )	0.2	0.1
Pennsylvania.....	Philadelphia.....	70	342	160	4.8	28.7	11.9	( <sup>5</sup> )	0.2	0.1
	Pittsburgh.....	43	475	166	4.1	36.1	11.3	( <sup>5</sup> )	0.2	0.1
Rhode Island.....	Providence.....	56	223	119	4.1	27.0	11.4	( <sup>5</sup> )	0.3	0.1
South Carolina.....	Columbia.....	55	274	112	6.9	64.6	13.6	0.1	0.4	0.2
South Dakota.....	Sioux Falls.....	25	358	108	1.7	27.2	5.9	( <sup>5</sup> )	0.5	0.1
Tennessee.....	Memphis.....	46	201	102	4.8	34.0	8.5	( <sup>5</sup> )	0.4	0.1
	Nashville.....	45	310	130	4.4	59.3	15.1	( <sup>5</sup> )	0.4	0.2
Texas.....	Dallas.....	22	230	96	1.7	22.4	9.3	( <sup>5</sup> )	0.4	0.1
	Houston.....	26	385	117	1.6	25.1	8.4	( <sup>5</sup> )	0.5	0.1
	San Antonio.....	50	296	124	3.8	29.7	8.4	( <sup>5</sup> )	0.4	0.1
Utah.....	Salt Lake City.....	47	300	121	5.0	32.0	12.1	( <sup>5</sup> )	0.6	0.2
Vermont.....	Burlington.....	25	106	56	0.9	8.2	3.5	( <sup>5</sup> )	0.3	0.1
Virginia.....	Norfolk.....	39	242	89	2.3	43.0	9.1	( <sup>5</sup> )	0.2	0.1
Washington.....	Seattle.....	32	141	69	1.8	16.5	5.8	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
West Virginia.....	Charleston.....	55	958	225	3.4	41.3	9.7	( <sup>5</sup> )	0.5	0.2
Wisconsin.....	Milwaukee.....	49	299	150	4.5	21.1	10.2	( <sup>5</sup> )	0.4	0.1
Wyoming.....	Cheyenne.....	13	82	39	0.8	6.7	3.2	( <sup>5</sup> )	0.4	0.1
Puerto Rico.....	San Juan.....	53	179	80	1.6	16.8	6.8	( <sup>5</sup> )	723.3	71.3

<sup>1</sup> Particles removed by passing the air through a highly efficient filter.

<sup>2</sup> That portion of the suspended particulate matter which is soluble in hot benzene.

<sup>3</sup> Radioactivity associated with suspended particles in the air as measured by Beta radiation.

<sup>4</sup> Picocuries per cubic meter of air (one picocurie=one micromicrocurie).

<sup>5</sup> Less than 0.1 picocurie per cubic meter.

<sup>6</sup> Not available.

<sup>7</sup> High value associated with atomic testing in Sahara Desert.

Source: Department of Health, Education, and Welfare, Public Health Service.

**No. 231. GROUND ELEVATION OF WEATHER STATIONS AND MEAN AND LATEST DATE IN SPRING, AND MEAN AND EARLIEST DATE IN FALL, OF OCCURRENCE OF FREEZE (32°), FOR SELECTED CITIES**

[Date of freeze based on 30-year period, 1921 to 1950]

STATION		Ground elevation (feet)	OCCURRENCE OF FREEZE			
			Spring date		Fall date	
			Mean	Latest	Mean	Earliest
Alabama	Mobile	10	Feb. 20	Mar. 20	Dec. 5	Nov. 15
Alaska	Juneau	15	Apr. 27	June 8	Oct. 19	Sept. 22
Arizona	Phoenix	1,083	Jan. 30	Mar. 2	Dec. 5	Nov. 4
Arkansas	Little Rock	287	Mar. 16	Apr. 13	Nov. 15	Oct. 23
California	Los Angeles	312	Jan. 17	Jan. 21	None	None
	Sacramento	25	Jan. 28	Mar. 14	Dec. 5	Nov. 4
	San Francisco	52	Jan. 17	Jan. 21	Dec. 12	Dec. 11
Colorado	Denver	5,221	May 2	May 28	Oct. 14	Sept. 18
Connecticut	Hartford	169	Apr. 22	May 10	Oct. 19	Sept. 27
Delaware	Wilmington	73	Apr. 18	May 9	Oct. 26	Sept. 27
Dist. of Col.	Washington	72	Apr. 10	May 12	Oct. 28	Oct. 2
Florida	Jacksonville	18	Feb. 15	May 14	Nov. 30	Nov. 9
	Miami	8				
Georgia	Atlanta	1,054	Mar. 20	Apr. 15	Nov. 19	Oct. 24
Hawaii	Honolulu	12				
Idaho	Boise	2,842	Apr. 29	May 23	Oct. 16	Sept. 20
Illinois	Chicago	610	Apr. 19	May 13	Oct. 28	Sept. 25
	Peoria	654	Apr. 22	May 25	Oct. 16	Sept. 29
Indiana	Indianapolis	713	Apr. 17	May 11	Oct. 27	Oct. 1
Iowa	Des Moines	807	Apr. 20	May 11	Oct. 19	Sept. 28
Kansas	Wichita	1,321	Apr. 5	Apr. 21	Nov. 1	Sept. 27
Kentucky	Louisville	457	Apr. 1	Apr. 19	Nov. 7	Oct. 15
Louisiana	New Orleans	9	Feb. 15	Mar. 20	Dec. 3	Nov. 13
Maine	Portland	61	Apr. 29	May 30	Oct. 15	Sept. 17
Maryland	Baltimore	146	Mar. 23	Apr. 16	Oct. 17	Oct. 20
Massachusetts	Boston	15	Apr. 16	May 19	Oct. 25	Sept. 26
Michigan	Detroit	619	Apr. 25	May 12	Oct. 23	Sept. 20
	Sault Ste. Marie	721	May 15	June 8	Oct. 3	Aug. 22
Minnesota	Duluth	1,162	May 13	June 1	Oct. 3	Sept. 13
	Minneapolis	830	Apr. 30	May 24	Oct. 13	Sept. 18
Mississippi	Jackson	305	Mar. 10	Apr. 13	Nov. 13	Oct. 17
Missouri	Kansas City	741	Apr. 5	Apr. 17	Oct. 31	Oct. 6
	St. Louis	465	Apr. 2	May 2	Nov. 8	Oct. 14
Montana	Great Falls	3,664	May 14	June 8	Sept. 26	Sept. 7
Nebraska	Omaha	978	Apr. 14		Oct. 19	
Nevada	Reno	4,397	May 14	June 25	Oct. 2	Aug. 30
New Hampshire	Concord	339	May 11	May 26	Sept. 30	Sept. 13
New Jersey	Atlantic City	8	Apr. 10		Nov. 5	
New Mexico	Albuquerque	5,310	Apr. 16	May 18	Oct. 29	Oct. 11
New York	Albany	19	Apr. 27	May 20	Oct. 13	Sept. 23
	Buffalo	693	Apr. 30	May 24	Oct. 25	Sept. 23
	New York	10	Apr. 7	Apr. 24	Nov. 12	Oct. 19
North Carolina	Charlotte	727	Mar. 21	Apr. 16	Nov. 15	Oct. 15
	Raleigh	400	Mar. 24	Apr. 20	Nov. 16	Oct. 29
North Dakota	Bismarck	1,660	May 11	May 30	Sept. 24	Sept. 6
Ohio	Cincinnati	761	Apr. 15	May 25	Oct. 25	Sept. 28
	Cleveland	787	Apr. 21	May 14	Nov. 2	Sept. 20
	Columbus	815	Apr. 17	May 9	Oct. 30	Oct. 7
Oklahoma	Oklahoma City	1,254	Mar. 28	Apr. 17	Nov. 7	Oct. 23
Oregon	Portland	30	Feb. 28	May 4	Nov. 26	Oct. 30
Pennsylvania	Philadelphia	26	Mar. 30	Apr. 20	Nov. 17	Oct. 19
	Pittsburgh	749	Apr. 16	May 4	Nov. 3	Oct. 10
Rhode Island	Providence	55	Apr. 13	Apr. 24	Oct. 27	Oct. 3
South Carolina	Columbia	217	Mar. 14	Apr. 13	Nov. 21	Nov. 1
South Dakota	Sioux Falls	1,423	May 5	May 29	Oct. 3	Sept. 12
Tennessee	Memphis	263	Mar. 20	Apr. 15	Nov. 12	Oct. 17
	Nashville	577	Mar. 23	Apr. 19	Nov. 7	Oct. 17
Texas	Dallas	487				
	El Paso	3,920				
	Houston	41	Feb. 5	Mar. 26	Dec. 11	Oct. 25
Utah	Salt Lake City	4,260	Apr. 12	Apr. 30	Nov. 1	Sept. 25
Vermont	Burlington	331	May 8	May 23	Oct. 8	Sept. 13
Virginia	Norfolk	26	Mar. 18	Apr. 14	Nov. 27	Nov. 7
	Richmond	162	Apr. 2	Apr. 20	Nov. 8	Oct. 21
Washington	Seattle	14	Feb. 23	Apr. 3	Nov. 26	Oct. 19
	Spokane	2,357	Apr. 20	May 16	Oct. 12	Sept. 18
West Virginia	Charleston	950	Apr. 18	May 11	Oct. 28	Sept. 29
Wisconsin	Milwaukee	672	Apr. 20	May 9	Oct. 25	Sept. 24
Wyoming	Cheyenne	6,131	May 20	June 18	Sept. 27	Sept. 5
Puerto Rico	San Juan	47				

Source: Department of Commerce, Weather Bureau; records.

## No. 232. NORMAL MONTHLY AVERAGE TEMPERATURE, FOR SELECTED CITIES

[In Fahrenheit degrees. Airport data unless otherwise noted. Based on standard 30-year period (1931 to 1960).  
See also *Historical Statistics, Colonial Times to 1957*, series J 109-135 and J 163-265, for related data]

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	An- nual
Ala.--- Mobile	52.5	54.7	59.3	66.6	74.1	80.0	81.0	81.1	77.4	68.9	57.9	53.1	67.2
Alaska. Juneau	25.1	26.8	30.4	38.0	45.6	52.3	55.3	54.1	48.9	41.6	34.3	28.4	40.1
Ariz.--- Phoenix	50.7	54.5	60.5	68.7	77.0	85.6	91.3	89.0	84.3	72.2	59.1	52.6	70.5
Ark.--- Little Rock	40.6	44.4	51.8	62.4	70.5	78.9	81.9	81.3	74.3	63.1	49.5	41.9	61.7
Calif.--- Los Angeles <sup>1</sup>	55.8	57.1	59.4	61.8	64.8	68.0	73.0	73.1	71.9	67.4	62.7	58.2	64.4
Calif.--- Sacramento <sup>1</sup>	46.9	51.0	55.2	60.3	65.7	71.5	76.0	74.8	72.9	64.7	54.7	47.8	61.8
Calif.--- San Francisco <sup>1</sup>	50.7	53.0	54.7	55.7	57.4	59.1	58.8	59.4	62.0	61.4	57.4	52.5	56.8
Colo.--- Denver	30.0	32.5	37.9	47.4	56.7	67.0	73.4	72.0	63.5	52.4	39.2	33.1	50.4
Conn.--- Hartford	26.6	27.8	35.7	47.7	58.8	67.6	72.2	70.2	62.3	52.3	41.2	29.5	49.3
Del.--- Wilmington	33.4	33.8	41.3	52.1	62.7	71.4	76.0	74.3	67.6	56.5	45.3	35.1	54.1
D.C.--- Washington	36.9	37.8	44.8	55.7	65.8	74.2	78.2	76.5	69.7	59.0	47.7	38.1	57.0
Fla.--- Jacksonville	55.9	57.5	62.2	68.7	75.8	80.8	82.6	82.3	79.4	71.0	61.7	56.1	69.6
Fla.--- Miami	66.9	67.9	70.5	74.2	77.6	80.8	81.8	82.3	81.3	77.8	72.4	68.1	75.1
Ga.--- Atlanta	44.8	46.5	51.9	61.0	69.6	76.8	78.8	78.4	73.1	62.7	51.1	44.1	61.8
Hawaii. Honolulu	72.5	72.4	72.8	74.2	75.9	77.9	78.8	79.4	79.2	78.2	75.9	73.6	75.9
Idaho.--- Boise	28.6	34.0	41.2	49.9	57.7	64.8	74.7	72.1	63.2	52.6	39.1	32.2	50.8
Ill.--- Chicago	26.1	27.9	36.3	49.1	60.1	70.7	75.7	74.4	66.4	55.4	40.0	20.2	60.9
Ill.--- Peoria	25.7	28.4	37.6	50.8	61.5	71.7	76.0	74.3	66.4	55.3	39.7	29.1	51.4
Ind.--- Indianapolis	29.1	31.1	38.9	50.8	61.4	71.1	75.2	73.7	66.5	55.4	40.9	31.1	52.1
Iowa.--- Des Moines	21.3	24.9	35.0	49.9	61.8	71.9	77.0	74.5	65.9	54.7	37.9	26.5	50.1
Kans.--- Wichita	32.0	36.3	44.5	56.7	66.0	76.5	80.9	80.8	71.3	59.9	44.4	35.8	57.1
Ky.--- Louisville	34.5	35.8	43.3	54.8	64.4	73.4	77.1	75.7	69.0	57.4	44.2	35.8	55.5
La.--- New Orleans <sup>1</sup>	56.0	58.2	62.8	69.7	76.7	82.3	83.4	83.5	80.2	72.6	62.0	57.1	70.4
Maine.--- Portland	21.8	22.8	31.4	42.5	53.0	62.1	68.1	66.8	58.7	48.6	38.1	25.8	45.0
Md.--- Baltimore <sup>1</sup>	37.3	37.8	44.7	55.7	66.1	74.7	79.1	77.3	70.6	60.0	48.8	39.0	57.6
Mass.--- Boston	29.9	30.3	37.7	47.9	58.8	67.8	73.7	71.7	65.3	55.0	44.9	33.3	51.4
Mich.--- Detroit	26.9	27.2	34.8	47.1	58.5	69.2	73.8	72.3	64.6	53.8	40.4	29.9	49.0
Mich.--- Sault Ste. Marie	15.3	15.2	23.3	37.5	49.1	58.5	64.1	63.5	55.3	45.3	32.3	20.4	40.0
Minn.--- Duluth	8.7	11.3	21.8	37.5	49.7	59.3	66.0	64.3	54.7	44.1	26.8	14.0	38.2
Minn.--- Minneapolis													
Minn.--- St. Paul	12.2	15.9	27.6	44.7	57.6	67.3	73.0	70.5	60.5	45.3	30.5	17.8	43.8
Miss.--- Jackson	48.0	50.7	56.4	64.4	72.5	79.4	81.6	81.3	76.2	68.5	54.9	40.0	65.1
Mo.--- Kansas City	30.7	34.8	42.8	55.2	65.1	75.4	81.0	79.3	70.8	59.7	44.1	34.8	58.1
Mo.--- St. Louis	31.9	35.2	43.1	55.4	65.7	75.6	79.6	77.8	70.0	58.9	44.1	34.8	56.0
Mont.--- Great Falls	22.6	24.3	31.2	44.1	54.0	60.4	69.9	67.3	57.9	48.5	35.3	28.3	45.3
Nebr.--- Omaha	22.3	26.5	36.9	51.7	63.0	73.1	78.5	76.2	66.9	55.7	38.9	28.2	51.5
Nev.--- Reno	31.9	36.1	49.9	64.1	74.1	81.1	89.0	86.9	80.2	49.6	38.7	32.8	48.8
N.H.--- Concord	21.2	22.7	31.7	43.8	55.5	64.5	69.6	67.4	59.3	48.7	37.6	25.0	45.6
N.J.--- Atlantic City	34.8	34.7	41.1	51.0	61.3	70.0	75.1	73.7	67.2	57.2	46.7	36.6	54.1
N. Mex.--- Albuquerque	35.0	39.9	46.3	55.7	65.1	74.9	78.5	76.7	70.5	58.5	44.1	37.0	56.9
N.Y.--- Albany	22.7	23.7	33.0	46.2	57.9	67.3	72.1	70.0	61.8	50.8	39.1	26.5	47.6
N.Y.--- Buffalo	23.5	23.1	30.5	43.0	54.3	64.8	69.8	68.4	61.4	50.8	38.6	27.2	46.3
N.Y.--- New York <sup>1</sup>	32.2	33.4	40.5	51.4	62.4	71.4	76.8	75.1	68.5	58.3	47.0	36.2	54.5
N.O.--- Charlotte	43.4	44.7	50.5	60.3	69.0	76.6	78.7	77.7	72.4	62.0	50.9	43.2	60.8
N.O.--- Raleigh	41.6	43.0	49.5	59.3	67.6	75.1	77.9	76.9	71.2	60.5	50.0	41.9	59.5
N. Dak.--- Bismarck	8.9	12.5	25.2	43.0	55.4	64.5	72.2	69.8	58.7	46.2	28.4	16.8	41.8
Ohio.--- Cincinnati <sup>2</sup>	33.7	35.1	42.7	54.2	64.2	73.4	79.9	75.7	69.0	57.9	44.6	35.3	55.2
Ohio.--- Cleveland	27.6	28.1	35.4	46.6	57.5	67.2	71.0	69.4	62.4	51.8	39.4	29.4	48.8
Ohio.--- Columbus	30.9	32.1	39.0	51.3	62.0	71.3	74.8	73.2	66.4	55.2	42.2	32.5	52.7
Okla.--- Oklahoma City	36.5	40.8	48.0	58.9	67.4	76.5	81.0	81.3	73.3	62.4	47.9	39.8	59.5
Oreg.--- Portland <sup>1</sup>	40.2	43.8	47.7	53.5	60.1	68.4	73.6	71.7	64.7	56.5	47.2	43.1	54.6
Pa.--- Philadelphia	32.3	34.2	41.9	52.5	63.4	72.0	76.7	74.7	67.7	57.3	46.0	35.6	50.3
Pa.--- Pittsburgh	28.9	29.2	36.8	49.0	59.8	68.4	72.1	70.8	64.2	53.1	40.8	30.7	50.3
R.I.--- Providence	29.2	29.7	37.0	47.2	57.5	66.2	72.1	70.5	63.2	53.2	43.0	32.0	50.1
S.O.--- Columbia	46.9	48.4	54.4	63.6	72.2	79.7	81.6	80.5	75.3	64.7	53.7	46.4	64.0
S. Dak.--- Sioux Falls	15.2	19.1	30.1	45.9	58.3	68.1	74.3	71.8	61.8	50.3	32.6	21.1	45.7
Tenn.--- Memphis	42.0	44.6	51.6	61.9	70.8	79.0	81.8	81.0	74.4	63.6	50.0	43.5	62.1
Tenn.--- Nashville	39.9	42.0	49.1	59.6	69.6	77.4	80.2	79.2	72.8	61.5	48.5	41.4	60.0
Tex.--- Dallas	45.9	49.5	56.1	65.0	72.9	81.3	84.9	85.0	77.9	67.8	54.9	48.1	65.8
Tex.--- El Paso	43.9	49.6	54.9	63.4	71.9	80.5	81.4	79.9	75.0	65.4	52.2	45.1	63.6
Tex.--- Houston <sup>1</sup>	54.6	57.1	62.4	69.3	76.2	82.2	83.9	84.1	79.8	72.4	61.6	56.5	70.0
Utah.--- Salt Lake City	28.2	33.0	40.4	49.9	58.4	66.0	70.4	74.5	64.9	52.7	38.2	31.6	51.3
Vt.--- Burlington	18.2	19.4	29.2	43.2	55.8	65.7	70.5	68.2	59.9	48.6	36.8	23.0	44.9
Va.--- Norfolk	41.2	41.6	48.0	58.0	67.5	75.6	78.8	77.5	72.6	62.0	51.4	42.5	59.7
Va.--- Richmond	38.7	39.9	48.7	57.1	66.5	74.6	78.1	76.5	70.2	59.2	45.5	39.7	58.0
Wash.--- Seattle <sup>1</sup>	41.2	43.6	46.4	51.8	57.4	61.4	65.6	65.0	61.2	54.4	46.9	43.8	53.2
Wash.--- Spokane	25.3	30.0	38.1	47.3	55.7	61.4	69.5	67.5	59.9	48.6	35.2	29.6	47.3
W. Va.--- Charleston	36.6	37.5	44.4	55.3	64.3	71.5	74.4	73.3	67.7	57.3	45.8	37.6	55.6
Wis.--- Milwaukee	20.6	22.4	31.0	43.6	53.4	63.3	68.7	67.8	60.3	50.0	35.8	24.6	45.1
Wyo.--- Cheyenne	25.9	27.8	31.9	41.6	51.4	61.5	69.0	67.2	58.1	47.5	34.7	30.0	45.6
P.R.--- San Juan <sup>1</sup>	75.1	75.1	76.0	77.0	78.8	79.9	80.1	80.8	80.7	80.2	78.6	76.7	78.3

<sup>1</sup> City office data.<sup>2</sup> Abbe Observatory data.

Source: Department of Commerce, Weather Bureau; records.

## No. 233. NORMAL MONTHLY MAXIMUM TEMPERATURE, FOR SELECTED CITIES

In Fahrenheit degrees. Airport data unless otherwise noted. Based on standard 30-year period (1931 to 1960)†

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
Ala. Mobile	62.3	64.7	69.3	76.5	83.0	89.4	89.8	90.2	86.4	79.3	68.6	62.9	76.9
Alaska Juneau	30.1	32.1	36.5	45.4	53.6	60.8	62.7	61.5	55.2	46.5	39.2	32.7	46.4
Ariz. Phoenix	64.0	68.1	75.0	83.9	92.9	101.6	104.6	101.6	98.2	86.7	73.7	66.1	84.7
Ark. Little Rock	50.6	54.6	62.7	73.5	81.5	89.7	92.7	92.4	86.3	76.0	61.3	52.1	72.8
Calif. Los Angeles	65.0	66.0	68.6	70.6	73.5	77.1	83.3	83.3	82.4	77.3	73.7	67.5	74.0
San Francisco	53.4	58.7	64.6	71.3	77.9	85.5	92.0	90.6	87.7	76.5	64.2	54.3	73.1
Colo. Denver	55.8	58.6	60.7	61.9	63.4	65.0	64.3	64.9	68.0	68.3	63.7	57.5	62.8
Conn. Hartford	43.1	45.6	50.9	60.5	69.5	81.0	87.4	85.8	78.0	66.6	52.7	46.2	63.9
Del. Wilmington	35.6	37.0	44.9	58.7	70.8	79.1	83.4	81.0	73.2	63.8	50.7	38.4	59.7
D.C. Washington	41.3	42.4	50.5	62.5	73.4	81.8	86.2	84.2	77.9	67.5	51.1	43.5	63.8
Fla. Jacksonville	44.3	46.1	53.8	65.8	75.5	83.4	87.0	85.0	78.6	68.8	56.5	45.6	65.8
Miami	66.8	68.5	73.3	79.6	86.4	90.5	92.0	91.4	87.6	80.2	72.2	66.7	79.6
Ga. Atlanta	75.8	77.0	79.8	82.6	85.4	88.0	88.8	89.7	88.0	84.7	80.2	77.1	83.1
Hawaii Honolulu	54.0	58.5	62.9	72.1	80.5	87.3	88.4	88.3	83.1	73.6	62.0	53.3	71.8
Idaho Boise	79.1	78.8	79.2	80.2	81.8	83.8	84.6	84.9	85.2	84.2	82.0	79.2	81.9
Ill. Chicago	38.1	42.4	51.6	62.3	70.9	78.6	90.4	87.7	77.8	66.8	48.4	39.4	62.6
Ind. Indianapolis	33.2	35.3	44.0	58.6	70.5	81.0	85.6	84.2	76.6	65.0	47.9	36.0	59.8
Iowa Des Moines	33.7	36.6	46.7	61.2	72.3	82.3	87.0	85.1	77.8	66.6	48.6	36.8	61.2
Kans. Wichita	37.1	39.4	43.1	61.2	72.0	81.8	86.0	84.7	78.0	66.8	50.0	39.0	62.0
Ky. Louisville	30.1	23.9	44.1	60.6	72.8	82.6	88.8	85.4	77.6	66.4	47.5	34.9	60.4
La. New Orleans	41.6	47.0	55.9	68.2	77.1	87.7	92.2	92.8	83.7	71.7	55.1	44.9	68.2
Maine Portland	43.5	45.6	53.8	66.4	76.2	85.0	88.5	87.3	81.3	69.6	54.4	44.7	66.4
Md. Baltimore	63.8	66.2	71.0	77.7	84.5	89.8	90.0	90.6	86.9	80.0	69.8	64.7	78.0
Mass. Boston	31.8	35.3	40.7	52.5	64.2	73.1	79.5	78.4	70.2	59.8	47.6	35.3	55.6
Mich. Detroit	44.1	45.3	52.0	64.7	75.1	83.4	87.4	85.3	78.8	68.4	56.4	45.7	65.6
Minn. Sault Ste. Marie	36.8	37.4	44.6	55.7	67.5	76.3	81.9	80.0	73.4	62.7	51.9	40.1	59.0
Duluth	33.0	33.9	42.3	50.4	68.6	79.1	83.9	81.9	74.2	62.8	47.1	35.7	58.2
Miss. Jackson	23.1	24.0	31.7	46.4	59.9	69.9	75.6	74.0	64.4	53.5	38.6	27.3	49.0
Mo. Kansas City	17.9	21.4	31.1	47.1	60.6	70.3	77.1	74.6	64.7	53.5	34.1	22.3	47.9
Mont. Great Falls	22.2	26.3	37.4	56.0	69.6	78.7	84.7	81.8	72.1	59.8	39.7	27.0	54.6
Nebr. Omaha	58.3	61.5	67.9	75.8	83.8	90.3	91.9	92.0	87.7	79.1	67.1	59.7	76.3
Nev. Reno	38.9	43.8	52.6	65.6	75.1	85.2	90.9	89.8	81.7	70.6	53.5	42.7	65.8
N.H. Concord	40.2	44.0	52.8	65.9	76.1	86.1	90.2	88.3	81.3	70.1	53.7	43.0	66.0
N.J. Atlantic City	31.6	34.0	41.1	55.2	65.7	71.9	83.7	80.8	70.2	59.3	44.2	36.8	56.2
N. Mex. Albuquerque	31.7	36.0	46.4	62.4	73.9	83.8	89.7	86.9	78.5	67.5	48.9	37.2	61.9
N.Y. Albany	40.6	50.8	55.3	63.9	71.4	80.3	90.4	88.9	81.4	68.7	55.2	46.5	60.2
Buffalo	31.7	33.5	41.7	55.9	69.3	77.7	82.8	80.6	72.4	61.7	47.9	35.1	57.5
New York	42.9	43.3	49.7	60.3	71.0	79.2	83.8	82.2	76.0	65.5	55.5	45.1	63.0
N.C. Raleigh	46.4	52.2	59.8	70.1	79.3	89.6	92.2	90.0	83.3	71.7	57.1	43.3	70.0
Bismarck	31.0	32.6	41.9	56.7	69.5	78.7	83.7	81.4	72.9	61.8	47.5	34.5	57.7
Ohio Cincinnati	29.8	30.0	37.6	51.9	64.5	75.1	80.1	78.6	71.5	60.1	45.5	33.9	54.8
Cleveland	39.6	40.3	47.8	59.5	71.4	80.2	85.3	83.3	76.8	66.3	52.7	42.5	62.2
Columbus	53.4	55.7	62.0	72.0	80.4	87.6	88.8	87.8	82.9	72.8	62.7	53.3	71.7
Okla. Oklahoma City	51.9	54.0	61.1	71.8	79.4	86.3	88.1	87.1	82.0	72.8	62.2	52.3	70.8
Oreg. Portland	19.6	23.3	35.1	54.9	68.2	76.5	85.7	83.7	72.6	59.4	38.6	26.9	53.7
Pa. Philadelphia	41.3	43.4	52.0	64.4	74.9	83.8	87.5	86.4	80.3	68.9	53.2	42.6	64.9
Pittsburgh	34.8	35.6	44.1	57.5	68.7	78.1	81.8	80.2	73.5	62.9	48.0	36.9	58.5
R.I. Providence	38.8	40.5	49.4	62.2	73.5	82.9	86.6	85.0	78.6	66.8	51.6	40.6	63.0
S.O. Columbia	45.9	51.3	59.5	69.6	77.1	86.4	91.8	92.5	84.7	73.9	58.8	49.2	70.1
S. Dak. Sioux Falls	44.9	49.5	54.6	62.2	68.5	72.6	79.2	78.4	74.2	64.0	52.6	47.6	62.4
Tenn. Nashville	40.3	42.5	50.9	63.1	74.2	82.3	86.6	84.2	77.7	67.4	55.1	43.4	64.0
Tex. Dallas	36.5	37.6	46.1	60.0	71.4	79.9	83.3	81.9	75.5	63.7	49.5	38.1	60.3
El Paso	37.3	38.3	45.3	56.6	67.7	76.1	81.4	80.0	73.1	63.4	52.2	40.4	59.3
Utah Salt Lake City	58.2	60.5	66.5	76.3	84.7	91.5	92.5	91.2	86.1	77.4	66.7	58.2	75.8
Vt. Burlington	25.1	29.1	39.4	67.0	70.1	79.4	86.0	83.3	73.5	61.9	42.5	30.3	55.6
Wash. Seattle	50.6	53.9	61.4	72.1	81.1	89.3	92.1	91.7	85.6	75.7	61.5	52.5	72.3
Spokane	48.8	51.4	59.4	70.8	79.8	88.4	90.7	89.9	84.5	73.7	59.1	50.3	70.6
W. Va. Charleston	55.8	59.5	67.0	75.4	82.7	90.9	94.5	95.0	87.8	78.8	65.7	53.0	76.0
Wis. Milwaukee	56.3	62.4	68.4	77.2	85.9	94.4	93.9	92.0	87.5	78.8	66.3	57.5	76.7
Wyo. Cheyenne	62.0	65.2	70.9	77.5	84.4	90.4	92.0	92.4	88.3	81.6	70.4	64.6	78.4
P.R. San Juan	36.3	42.0	51.0	62.4	72.0	81.7	92.1	89.8	80.3	66.2	45.6	40.0	63.6
	27.2	29.1	38.3	53.4	67.4	77.1	81.9	79.6	70.6	58.6	44.4	31.2	54.9
	50.2	51.0	57.2	68.0	77.3	84.9	87.9	86.2	80.9	70.9	61.0	51.8	68.9
	48.3	50.6	58.1	69.4	78.3	85.8	88.4	86.5	80.8	70.6	59.9	49.8	68.0
	45.6	48.8	52.7	59.4	65.7	69.6	75.1	73.9	69.0	60.4	51.8	43.0	60.0
	31.4	37.4	47.0	58.6	68.3	73.5	83.6	81.0	72.7	59.1	41.9	34.9	57.6
	45.2	46.9	54.5	66.3	75.7	82.2	84.6	83.3	78.5	68.3	55.3	46.1	65.0
	28.3	30.2	38.8	53.1	63.9	73.9	78.9	77.7	70.7	60.1	44.1	32.0	54.7
	38.2	40.4	44.1	54.5	64.1	75.5	84.2	81.8	73.2	61.7	47.2	41.6	58.9
	79.9	80.0	81.0	81.8	83.4	84.4	84.2	85.3	85.8	85.5	83.5	81.4	83.0

† City office data.

‡ Abbe Observatory data.

Source: Department of Commerce, Weather Bureau; records.

## No. 234. NORMAL MONTHLY MINIMUM TEMPERATURE, FOR SELECTED CITIES

[In Fahrenheit degrees. Airport data unless otherwise noted. Based on standard 30-year period (1931 to 1960)]

STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
Ala. Mobile	42.7	44.7	49.3	56.6	64.3	70.5	72.1	72.0	68.3	58.5	47.2	43.3	57.5
Alaska Juneau	20.0	21.4	24.3	30.5	37.0	43.7	47.8	46.6	42.5	36.7	29.4	24.0	33.7
Ariz. Phoenix	37.3	40.9	45.9	53.4	61.1	69.5	78.0	76.4	70.3	57.0	44.4	30.0	56.2
Ark. Little Rock	30.5	34.1	40.9	51.2	59.5	68.0	71.1	70.1	62.2	50.2	37.6	21.7	50.6
Calif. Los Angeles	48.6	48.2	50.2	53.0	56.0	58.9	62.6	62.9	61.4	57.4	52.1	48.8	54.8
Calif. Sacramento	40.3	43.2	45.8	49.3	53.4	57.5	60.0	58.9	58.0	52.8	45.2	41.2	50.5
Calif. San Francisco	45.5	47.3	48.6	40.5	51.3	53.1	53.3	53.9	55.1	54.4	51.0	47.4	50.9
Colo. Denver	16.8	19.3	24.8	34.3	43.8	53.0	59.4	58.2	49.0	38.2	25.6	20.0	38.9
Conn. Hartford	17.6	18.5	28.4	36.7	46.8	56.0	60.9	59.3	51.3	40.7	31.7	20.5	38.9
Del. Wilmington	25.5	25.2	32.0	41.6	52.0	61.0	65.8	64.3	57.3	45.9	35.7	26.7	44.4
D.C. Washington	29.5	29.4	35.8	45.6	56.0	64.9	69.3	67.9	60.7	49.6	38.9	30.5	48.2
Fla. Jacksonville	45.0	46.5	51.1	57.8	65.1	71.1	73.2	73.2	71.1	61.8	51.2	45.5	59.4
Fla. Miami	57.9	58.8	61.1	65.8	69.7	73.5	74.7	74.9	74.6	70.9	64.6	59.1	67.1
Ga. Atlanta	35.5	36.5	40.9	49.9	58.6	66.3	69.2	68.4	63.1	51.7	40.1	34.8	51.3
Hawaii Honolulu	65.8	66.0	69.4	68.1	70.0	72.0	73.0	73.8	73.2	72.1	69.7	67.9	69.8
Idaho Boise	21.1	25.5	30.9	37.4	44.5	51.1	59.0	56.5	48.6	39.9	29.7	25.0	39.1
Ill. Chicago	18.9	20.4	28.6	39.6	49.7	60.4	65.7	64.6	56.2	45.7	32.1	22.3	42.0
Ill. Peoria	17.6	20.1	28.4	40.3	50.7	61.1	65.0	63.5	55.0	44.1	30.7	21.3	41.5
Ind. Indianapolis	21.0	22.8	29.7	40.3	50.7	60.4	64.3	62.7	54.9	44.0	31.8	23.2	42.2
Iowa Des Moines	12.5	15.9	25.8	39.1	50.7	61.2	65.6	63.6	54.1	43.0	28.3	18.1	39.8
Kans. Wichita	22.3	25.6	33.0	45.2	54.9	65.2	69.4	68.8	58.9	48.0	33.7	26.6	46.0
Ky. Louisville	25.5	26.0	32.8	43.1	52.6	61.8	65.6	64.1	56.7	45.2	33.9	26.8	44.5
La. New Orleans	48.2	50.1	54.5	61.6	68.9	74.7	76.2	76.4	73.4	65.1	54.2	49.4	62.7
Maine Portland	11.7	12.1	22.9	32.4	41.7	51.1	56.7	55.2	47.2	37.4	28.6	16.3	34.4
Md. Baltimore	30.4	30.3	36.5	46.6	57.1	66.0	70.7	69.2	62.4	51.6	41.2	32.2	49.5
Mass. Boston	23.0	23.1	30.7	40.0	50.1	59.2	65.4	63.3	57.1	47.2	37.8	26.5	43.6
Mich. Detroit	20.7	20.4	27.3	37.8	48.4	59.3	63.8	62.6	55.0	44.7	33.7	24.1	41.5
Mich. Sault Ste. Marie	7.4	6.4	14.8	28.6	38.3	47.0	52.5	53.0	40.1	37.1	25.9	13.4	30.9
Minn. Duluth	-0.6	1.1	12.7	27.9	38.7	48.3	54.9	53.9	44.7	34.6	19.5	5.7	28.4
Minn. Minneapolis	2.5	5.4	17.8	33.3	45.6	55.9	61.2	59.1	48.8	36.7	21.3	8.5	33.0
Miss. Jackson	37.6	39.9	44.8	52.9	61.2	68.4	71.2	70.5	64.7	53.9	42.7	38.3	53.8
Mo. Kansas City	22.4	25.7	33.0	44.8	55.0	65.5	71.0	69.2	59.9	48.7	34.6	26.9	43.4
Mo. St. Louis	23.5	26.3	33.4	44.8	55.3	65.1	68.9	67.3	58.0	47.6	34.5	26.5	46.0
Mont. Great Falls	13.5	14.6	21.2	32.9	42.2	48.9	56.1	53.8	45.5	37.0	26.4	19.8	34.4
Nebr. Omaha	12.9	17.0	27.3	40.9	52.1	62.4	67.3	65.5	55.3	43.8	28.8	19.1	41.0
Nev. Reno	17.2	21.4	24.6	30.3	36.8	42.0	47.6	45.0	39.1	30.5	22.2	19.1	31.4
N.H. Concord	10.6	11.8	21.7	31.7	41.0	51.3	56.4	54.1	46.2	36.6	27.2	14.8	33.6
N.J. Atlantic City	20.6	26.1	32.4	41.7	51.5	60.7	64.3	65.1	58.4	47.8	37.9	28.1	45.2
N.Mex. Albuquerque	23.5	27.5	32.7	41.2	50.9	60.1	64.8	63.3	57.6	45.3	31.1	25.0	43.6
N.Y. Albany	14.4	14.8	24.0	35.7	46.3	55.8	60.5	58.5	50.3	39.8	30.6	18.5	37.4
N.Y. Buffalo	17.2	16.2	23.4	34.0	44.1	54.5	59.4	58.1	51.2	41.4	31.7	21.1	37.7
N.Y. New York	26.9	26.4	33.2	43.1	53.4	62.5	68.2	66.8	61.0	50.3	40.3	29.9	46.8
N.C. Charlotte	33.3	33.7	39.0	48.6	57.6	65.6	68.5	67.5	61.8	50.2	39.1	33.1	49.8
N.C. Raleigh	31.3	31.9	37.8	46.8	55.7	63.9	67.6	66.7	60.4	48.2	37.7	31.4	48.3
N.Dak. Bismarck	-1.9	1.7	15.3	31.1	42.6	52.4	58.7	55.8	44.7	33.0	18.1	6.6	29.8
Ohio Cincinnati	26.1	28.7	33.3	43.9	53.5	63.0	66.3	64.9	57.6	45.8	36.0	27.9	45.5
Ohio Cleveland	20.3	20.6	25.7	35.7	45.3	55.2	62.2	58.5	51.3	41.0	30.8	21.9	39.1
Ohio Columbus	23.0	23.7	30.3	40.4	50.4	60.6	62.9	61.4	54.2	43.5	32.8	24.4	42.2
Okla. Oklahoma City	27.1	30.2	36.5	48.1	57.6	66.5	70.2	70.0	61.9	50.8	37.0	30.4	48.9
Oreg. Portland	35.5	38.1	40.7	44.8	49.7	54.2	57.9	57.8	54.8	49.0	41.7	38.6	49.0
Pa. Philadelphia	24.3	25.9	32.8	41.9	52.6	61.7	66.7	65.1	57.7	47.2	36.8	27.8	45.2
Pa. Pittsburgh	21.2	20.1	27.4	37.9	48.1	56.9	60.9	59.6	52.8	42.4	32.0	23.2	40.3
R.I. Providence	21.0	21.1	28.5	37.7	47.2	56.3	62.7	60.9	53.3	42.9	33.8	23.5	40.8
S.C. Columbia	35.6	36.2	42.8	50.8	59.6	67.9	70.7	69.7	64.5	52.0	40.7	34.6	52.1
S.Dak. Sioux Falls	5.2	9.0	20.5	34.7	46.5	56.8	62.5	60.3	50.0	38.6	22.7	11.9	34.9
Tenn. Nashville	33.4	35.3	41.1	51.7	60.4	68.6	71.5	70.3	63.1	51.5	39.7	34.6	51.8
Tenn. Memphis	30.0	32.5	38.7	48.4	57.4	66.3	69.0	68.4	61.1	49.3	37.9	32.4	49.4
Tex. Dallas	36.0	39.4	45.2	54.6	63.1	71.7	75.3	75.0	67.4	56.8	44.1	38.1	55.0
Tex. El Paso	31.5	38.7	41.3	49.5	57.9	66.5	68.9	67.0	62.4	52.0	38.1	32.7	50.4
Tex. Houston	46.6	49.0	53.8	61.0	67.9	73.0	75.8	75.7	71.3	63.1	52.7	48.4	61.6
Utah Salt Lake City	19.5	23.9	29.8	37.4	44.8	52.0	60.6	59.2	40.5	29.2	19.7	23.2	38.9
Vt. Burlington	8.9	9.6	20.0	33.0	44.2	54.2	60.0	59.0	49.1	38.6	20.1	14.8	34.8
Va. Norfolk	32.2	32.2	38.7	47.9	57.7	66.3	69.6	68.8	49.1	38.6	20.1	14.8	34.8
Va. Richmond	29.0	29.2	35.3	44.8	54.6	63.4	67.7	66.4	59.6	49.1	38.6	20.1	34.8
Wash. Seattle	36.8	38.3	40.1	44.1	49.0	53.1	56.1	56.1	53.3	48.3	37.1	30.5	47.0
Wash. Spokane	19.2	22.5	29.1	35.9	43.1	49.3	55.4	54.4	47.0	38.0	28.5	24.2	37.2
W. Va. Charleston	27.9	28.0	34.3	44.3	52.8	60.8	64.2	63.3	56.8	46.3	36.2	29.1	45.3
Wis. Milwaukee	12.8	14.6	23.2	34.1	42.9	52.6	62.4	61.8	49.9	39.9	27.5	17.1	35.0
Wyo. Cheyenne	13.8	15.2	19.7	28.6	38.6	47.5	53.8	52.6	43.0	33.2	22.2	18.4	32.2
P.R. San Juan	70.3	70.1	71.0	72.2	74.1	75.4	76.0	76.2	75.6	74.9	73.7	72.0	73.5

1 City office data.

2 Abbe Observatory data.

Source: Department of Commerce, Weather Bureau; records.

## No. 235. HIGHEST TEMPERATURE OF RECORD, FOR SELECTED CITIES

[In Fahrenheit degrees. Airport data unless otherwise noted. Values adjusted to represent observation taken at the present standard location. For period of record through 1960]

STATION	Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala. Mobile.....	19	84	82	90	92	100	102	104	102	98	93	85	80	104
Alaska Juneau.....	17	57	48	52	71	82	84	84	83	72	61	56	54	84
Ariz. Phoenix.....	23	85	88	92	104	113	117	118	115	118	104	91	88	118
Ark. Little Rock.....	19	83	82	86	92	96	104	107	107	106	94	86	80	107
Calif. Los Angeles <sup>1</sup> .....	20	86	90	88	96	99	104	107	101	110	104	95	87	110
Calif. Sacramento <sup>1</sup> .....	27	70	74	82	94	102	112	109	109	109	102	83	72	112
Calif. San Francisco <sup>1</sup> .....	24	75	75	83	86	91	95	92	87	87	90	84	76	97
Colo. Denver.....	26	72	76	80	85	96	104	104	101	97	86	72	61	101
Conn. Hartford.....	6	57	64	69	86	92	97	98	101	91	86	71	61	101
Del. Wilmington.....	13	75	74	86	89	93	99	102	101	100	91	85	71	102
D.C. Washington.....	19	79	82	89	95	94	101	103	100	100	94	85	75	103
Fla. Jacksonville.....	19	85	87	90	93	99	103	105	102	100	96	87	84	105
Fla. Miami.....	18	87	89	90	93	94	98	96	98	95	94	89	88	98
Ga. Atlanta.....	12	79	79	83	88	95	101	103	102	98	95	82	74	103
Hawaii Honolulu <sup>1</sup> .....	38	83	82	83	83	84	86	87	88	88	87	86	85	88
Idaho Boise.....	21	63	67	76	92	95	109	111	105	102	88	73	62	111
Ill. Chicago.....	18	67	69	82	84	94	104	103	101	101	91	81	65	104
Ill. Peoria.....	21	68	70	81	89	92	100	103	101	100	90	81	69	104
Ind. Indianapolis.....	23	71	72	81	88	93	102	104	100	100	90	81	69	104
Iowa Des Moines.....	21	62	68	82	88	94	100	105	102	101	82	76	69	103
Kans. Wichita.....	7	68	80	89	94	99	106	113	107	105	85	80	83	113
Ky. Louisville.....	13	77	73	85	91	95	102	105	101	104	82	84	72	105
La. New Orleans <sup>1</sup> .....	46	83	85	90	91	97	102	100	100	99	93	89	84	102
Maine Portland.....	20	64	64	86	85	92	97	98	100	95	87	73	60	100
Md. Baltimore <sup>1</sup> .....	90	79	83	90	95	98	105	107	105	101	97	87	75	107
Mass. Boston.....	9	62	68	70	88	93	100	100	100	100	90	74	64	100
Mich. Detroit.....	27	67	68	82	87	93	104	106	101	100	89	81	64	105
Mich. Sault Ste. Marie.....	19	43	45	75	82	85	92	92	98	93	80	66	51	98
Minn. Duluth.....	19	52	53	78	88	87	92	97	97	97	86	68	50	97
Minn. Minneapolis-St. Paul.....	22	58	59	78	92	95	100	104	102	98	89	75	63	104
Miss. Jackson.....	5	80	82	84	90	93	97	100	99	94	92	85	74	113
Mo. Kansas City.....	27	75	76	89	91	103	108	112	113	99	98	88	74	99
Mo. St. Louis.....	3	66	67	78	91	92	98	97	98	99	85	78	64	99
Mont. Great Falls.....	23	62	67	72	87	90	99	102	105	94	91	72	69	105
Nebr. Omaha.....	25	69	69	88	92	99	105	114	110	104	96	80	72	114
Nev. Reno.....	19	68	70	78	87	94	100	104	102	101	89	77	69	104
N.H. Concord.....	19	68	66	85	88	93	98	99	100	98	89	80	63	100
N.J. Atlantic City.....	2	58	63	73	89	91	98	91	93	89	90	73	65	93
N. Mex. Albuquerque.....	21	67	72	81	88	98	101	104	100	98	87	74	72	100
N.Y. Albany.....	14	64	62	73	89	90	99	100	99	100	88	82	61	100
N.Y. Buffalo.....	17	72	64	81	87	90	95	94	99	98	87	76	66	99
N.Y. New York <sup>1</sup> .....	90	71	73	84	91	95	97	102	102	100	90	81	69	102
N.C. Charlotte.....	21	78	80	90	93	100	103	103	102	104	98	84	77	104
N.C. Raleigh.....	16	79	80	92	93	97	104	105	101	104	98	88	78	105
N. Dak. Bismarek.....	21	54	68	81	92	98	100	108	109	105	95	73	60	109
Ohio Cincinnati <sup>1</sup> .....	45	77	76	88	90	95	102	109	103	101	92	83	71	109
Ohio Cleveland.....	20	73	69	83	88	92	101	103	102	101	90	82	69	103
Ohio Columbus.....	21	74	73	85	89	94	102	100	100	100	90	80	70	102
Okla. Oklahoma City.....	6	70	81	89	95	95	100	107	107	102	93	81	66	107
Oreg. Portland <sup>1</sup> .....	58	65	68	83	93	98	102	107	102	102	90	71	65	107
Pa. Philadelphia.....	19	74	74	87	92	96	100	102	101	100	96	79	72	102
Pa. Pittsburgh.....	8	67	69	74	87	87	94	99	97	97	87	76	61	97
R.I. Providence.....	7	60	65	70	87	90	95	97	95	91	85	73	61	97
S.C. Columbia <sup>1</sup> .....	13	82	82	89	93	101	107	107	105	101	101	78	60	107
S. Dak. Sioux Falls.....	15	59	70	80	93	94	101	108	105	99	92	75	61	108
Tenn. Memphis.....	19	78	79	85	91	97	104	106	105	103	95	85	70	106
Tenn. Nashville.....	21	78	77	83	90	97	106	107	104	105	94	84	76	107
Tex. Dallas.....	20	88	88	96	96	99	105	111	109	105	99	89	89	111
Tex. El Paso.....	21	75	81	88	95	104	109	109	103	103	93	84	76	109
Tex. Houston <sup>1</sup> .....	22	82	90	96	92	95	99	105	103	99	97	89	83	105
Utah Salt Lake City.....	32	60	68	78	85	93	103	107	103	98	88	74	66	107
Vt. Burlington.....	17	63	60	84	84	91	96	99	101	94	85	75	67	103
Va. Norfolk.....	12	77	78	85	97	97	100	103	97	98	95	85	77	103
Va. Richmond.....	31	80	83	93	96	100	104	104	102	103	99	86	78	104
Wash. Seattle <sup>1</sup> .....	27	66	70	75	87	92	100	100	97	92	78	70	65	100
Wash. Spokane.....	13	52	61	71	84	92	96	102	98	90	82	61	54	102
W. Va. Charleston.....	13	79	77	87	90	93	98	102	100	102	92	85	79	102
Wis. Milwaukee.....	20	62	60	81	85	90	99	101	100	98	86	77	63	101
Wyo. Cheyenne.....	25	63	70	73	82	89	100	100	96	93	82	73	69	100
P.R. San Juan <sup>1</sup> .....	62	90	91	96	93	94	93	92	94	94	94	93	90	96

<sup>1</sup> City office data.

Source: Department of Commerce, Weather Bureau; records.

G29410°—G2—13

## No. 236. LOWEST TEMPERATURE OF RECORD, FOR SELECTED CITIES

[In Fahrenheit degrees. Airport data unless otherwise noted. Values adjusted to represent observations taken at the present standard location. For period of record through 1960]

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	19	14	11	21	36	43	56	60	59	47	32	22	18	11
Alaska	Juneau	17	-19	-12	-11	7	25	31	36	27	20	16	-3	-21	-21
Ariz.	Phoenix	23	17	22	29	32	42	50	61	60	49	36	25	22	17
Ark.	Little Rock	19	7	-5	11	32	41	52	56	57	37	31	17	9	-5
Calif.	Los Angeles <sup>1</sup>	20	28	34	38	42	47	50	54	53	51	46	40	32	28
	Sacramento <sup>1</sup>	27	22	26	31	34	37	44	51	50	44	34	30	23	22
	San Francisco <sup>1</sup>	24	30	36	38	42	44	47	47	48	48	45	42	37	30
Colo.	Denver	26	-24	-30	-11	6	22	30	43	41	24	8	-8	-11	-80
Conn.	Hartford	6	-17	-6	1	20	28	38	48	43	30	24	12	-6	-17
Del.	Wilmington	13	-4	2	9	23	34	44	50	48	37	26	14	6	-4
D.C.	Washington	19	5	5	11	24	34	47	55	53	40	30	16	1	1
Fla.	Jacksonville	19	20	19	25	35	49	58	65	64	55	38	23	17	17
	Miami	18	34	32	40	41	53	65	69	68	69	51	39	35	32
Ga.	Atlanta	12	0	5	10	30	41	46	59	59	44	29	3	12	3
Hawaii	Honolulu <sup>1</sup>	38	57	58	58	59	64	64	68	68	60	66	62	60	57
Idaho	Boise	21	-17	-10	10	20	27	34	41	38	27	20	-3	-1	-17
Ill.	Chicago	18	-15	-15	-7	19	30	35	49	46	36	20	-2	-14	-15
	Peoria	21	-14	-16	-10	20	31	39	48	43	26	20	-1	-14	-16
Ind.	Indianapolis	23	-13	-19	-6	16	29	39	44	42	28	17	-2	-15	-19
Iowa	Des Moines	21	-21	-20	-15	17	30	38	49	40	26	16	-1	-15	-21
Kans.	Wichita	7	-10	-3	-2	24	33	44	54	48	40	23	8	5	-10
Ky.	Louisville	13	-6	-19	-1	26	34	45	53	49	33	23	-1	-9	-19
La.	New Orleans <sup>1</sup>	46	17	20	25	41	50	62	66	68	54	40	31	19	17
Maine	Portland	20	-21	-39	-21	8	23	33	41	38	23	18	6	-15	-39
Md.	Baltimore <sup>1</sup>	90	-6	-7	5	15	34	46	54	51	39	30	12	-3	-7
Mass.	Boston	9	-12	-4	10	17	34	47	55	52	40	31	17	-2	-12
Mich.	Detroit	27	-9	-16	-1	14	30	38	48	43	32	25	7	-5	-16
	Sault Ste. Marie	10	-24	-25	-24	1	21	31	36	32	25	20	-5	-20	-25
Minn.	Duluth	10	-35	-29	-26	-5	20	30	40	37	22	9	-17	-33	-35
	Minneapolis	22	-31	-28	-27	9	26	34	48	40	26	18	-9	-22	-31
	St. Paul	6	15	10	21	34	42	48	63	54	48	28	20	15	10
Miss.	Jackson	27	-13	-13	-3	16	32	44	54	49	34	24	5	-4	-13
Mo.	Kansas City	3	-4	-5	-5	20	36	51	56	52	43	29	6	0	-5
	St. Louis	23	-33	-35	-29	-6	15	31	42	35	25	7	-23	-23	-35
Mont.	Great Falls	25	-21	-19	-16	10	29	39	51	43	30	20	-3	-12	-21
Nebr.	Omaha	19	-16	-9	-2	13	19	25	33	30	21	13	1	-5	-16
Nov.	Reno	10	-30	-37	-16	9	21	33	38	33	21	16	5	-22	-37
N.H.	Concord	2	6	9	9	27	37	47	56	53	39	30	21	6	6
N.J.	Atlantic City	21	1	-5	8	19	34	45	55	53	39	26	10	3	-5
N. Mex.	Albuquerque	14	-26	-21	-21	14	27	36	44	42	24	20	6	-19	-26
N.Y.	Albany	17	-12	-5	-1	12	26	35	43	42	32	25	7	-8	-12
	Buffalo	90	-6	-14	3	12	34	44	54	51	38	27	7	-13	-14
	New York <sup>1</sup>	21	-3	5	10	24	36	50	50	53	38	26	11	10	-3
N.O.	Charlotte	16	10	7	11	27	32	44	54	49	37	25	14	7	7
	Raleigh	21	-44	-34	-31	-2	10	38	39	37	16	5	-19	-36	-44
N. Dak.	Bismarck <sup>1</sup>	45	-17	-9	6	18	32	40	50	43	32	20	1	-13	-17
Ohio	Cincinnati <sup>1</sup>	20	-9	-8	-5	19	29	38	46	44	32	25	7	-9	-9
	Cleveland	21	-15	-13	-1	20	28	39	44	43	31	17	-4	-14	-15
	Columbus	6	-4	9	3	20	39	47	57	51	46	22	11	6	-4
Okla.	Oklahoma City	58	6	7	22	30	36	41	43	44	35	29	15	3	3
Oreg.	Portland <sup>1</sup>	19	2	3	7	24	33	44	52	50	36	28	15	1	1
Pa.	Philadelphia	8	-6	-8	-1	20	32	43	48	46	31	27	-1	-3	-8
	Pittsburgh <sup>1</sup>	7	-9	-3	8	14	29	43	40	45	35	26	16	-3	-9
R.I.	Providence	13	12	11	18	29	41	51	54	54	44	23	16	4	4
S.C.	Columbia	15	-25	-27	-23	11	20	33	44	34	24	13	-17	-25	-27
S. Dak.	Sioux Falls	19	1	-11	12	29	38	50	52	48	36	25	9	11	-11
Tenn.	Memphis	21	-15	-13	5	25	36	44	51	47	36	26	-1	5	-15
	Nashville	20	2	7	11	31	39	53	61	61	36	30	17	12	2
Tex.	Dallas	21	-6	8	18	28	38	50	60	59	41	32	16	5	-6
	El Paso	22	10	14	21	39	46	57	68	63	45	37	28	20	10
	Houston <sup>1</sup>	32	-22	-30	5	14	27	35	41	39	30	18	-14	-21	-30
Utah	Salt Lake City	17	-30	-26	-20	9	25	35	44	39	26	21	-2	-22	-30
Vt.	Burlington	12	14	11	20	30	36	50	60	56	46	32	20	15	11
Va.	Norfolk	31	-12	-10	11	26	31	41	51	46	38	23	10	-1	-12
	Richmond	27	11	12	22	31	35	45	48	48	42	30	13	21	11
Wash.	Seattle <sup>1</sup>	13	-24	-12	-3	21	24	35	40	41	30	20	-11	-9	-24
	Spokane	13	-5	-2	10	20	32	41	51	46	34	26	6	2	-5
W. Va.	Charleston	20	-24	-19	-7	13	28	33	45	44	28	21	-5	-12	-24
Wis.	Milwaukee	25	-27	-34	-21	-6	16	25	38	37	18	2	-12	-16	-34
Wyo.	Cheyenne <sup>1</sup>	62	63	62	63	65	66	66	70	68	69	68	65	62	62
P.R.	San Juan <sup>1</sup>														

<sup>1</sup> City office data.

Source: Department of Commerce, Weather Bureau; records.



## No. 237. NORMAL MONTHLY AND ANNUAL PRECIPITATION, FOR SELECTED CITIES

(In inches. Airport data unless otherwise noted. Based on standard 30-year period (1931 to 1960). T denotes trace. See also *Historical Statistics, Colonial Times to 1957*, series J 136-265, for related data.)

STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala. Mobile.....	4.64	4.59	7.23	6.36	4.88	6.23	9.67	6.44	6.25	3.03	3.35	5.46	68.13
Alaska Juneau.....	4.00	3.06	3.27	2.87	3.24	3.39	4.49	5.02	6.67	8.33	6.06	4.22	54.62
Ariz. Phoenix.....	0.73	0.85	0.60	0.32	0.13	0.09	0.77	1.12	0.73	0.46	0.49	0.85	7.20
Ark. Little Rock.....	5.22	4.33	4.81	4.93	5.28	3.61	3.34	2.82	3.23	2.88	4.12	4.09	48.66
Calif. Los Angeles <sup>1</sup> .....	3.07	3.33	2.20	1.17	0.16	0.06	T	0.04	0.23	0.41	1.08	2.87	14.68
Sacramento <sup>1</sup> .....	3.58	3.47	2.46	1.62	0.62	0.12	T	0.04	0.22	0.80	1.54	3.55	18.02
San Francisco <sup>1</sup> .....	4.55	3.66	2.93	1.44	0.63	0.14	0.01	0.04	0.22	0.80	2.00	4.27	20.78
Colo. Denver.....	0.55	0.69	1.21	2.11	2.70	1.44	1.53	1.28	1.13	1.01	0.69	0.47	14.81
Conn. Hartford.....	3.58	2.94	3.80	3.73	3.41	3.70	3.61	4.01	3.65	3.18	3.84	3.47	42.92
Del. Wilmington.....	3.40	2.95	4.02	3.33	3.53	4.07	4.25	5.59	3.95	2.91	3.63	3.03	44.56
D.C. Washington.....	3.03	2.47	3.21	3.15	4.14	3.21	4.15	4.90	3.83	3.07	2.84	2.78	40.78
Fla. Jacksonville.....	2.45	2.91	3.49	3.56	3.47	6.33	7.68	6.85	7.56	5.16	1.69	2.22	53.36
Miami.....	2.03	1.87	2.27	3.88	6.44	7.37	6.75	6.97	9.47	8.21	2.83	1.67	59.76
Ga. Atlanta.....	4.44	4.51	5.37	4.47	3.16	3.83	4.72	3.60	3.26	2.44	2.96	4.38	47.14
Hawaii Honolulu.....	3.76	3.30	2.89	1.31	0.99	0.33	0.44	0.89	0.99	1.84	2.16	2.69	21.89
Idaho Boise.....	1.32	1.33	1.32	1.16	1.29	0.89	0.21	0.16	0.39	0.84	1.20	1.82	11.43
Ill. Chicago.....	1.80	1.60	2.74	3.04	3.73	4.07	3.37	3.16	2.73	2.78	2.20	1.90	33.18
Peoria.....	1.88	1.71	2.85	3.97	4.27	4.08	3.64	2.88	3.05	2.58	2.14	1.94	34.84
Ind. Indianapolis.....	3.05	2.28	3.41	3.74	3.99	4.62	3.60	3.03	3.24	2.62	3.09	2.68	39.25
Iowa Des Moines.....	1.30	1.10	2.09	2.53	4.07	4.71	3.06	3.67	2.88	2.06	1.76	1.14	30.37
Kans. Wichita.....	0.81	0.92	1.64	2.30	3.97	4.21	3.64	2.87	3.22	2.40	1.49	0.94	28.41
Ky. Louisville.....	4.10	3.29	4.59	3.82	3.90	3.99	3.86	2.97	2.63	2.25	3.20	3.22	41.32
La. New Orleans <sup>1</sup> .....	4.42	4.69	6.22	5.41	5.11	5.49	7.92	6.34	5.99	3.22	3.74	4.90	63.25
Maine Portland.....	4.37	3.80	4.34	3.73	3.41	3.18	2.86	2.42	3.52	3.20	4.17	3.85	42.85
Md. Baltimore <sup>1</sup> .....	3.43	2.98	3.94	3.71	4.15	3.87	3.49	4.60	3.03	3.25	3.10	3.16	44.21
Mass. Boston.....	3.94	3.32	4.22	3.77	3.34	3.48	2.88	3.66	3.46	3.14	3.93	3.63	42.77
Mich. Detroit.....	2.05	2.08	2.42	3.00	3.53	2.83	2.82	2.86	2.44	2.63	2.21	2.08	30.95
Sault Ste. Marie.....	2.07	1.50	1.81	2.16	2.77	3.30	2.48	2.89	3.81	2.82	3.33	2.38	31.22
Minn. Duluth.....	1.15	0.96	1.62	2.36	3.29	4.27	3.54	3.81	2.86	2.17	1.78	1.16	28.97
Minneapolis.....	0.70	0.78	1.53	1.85	3.19	4.00	3.27	3.18	2.43	1.59	1.40	0.86	24.78
Miss. Jackson.....	4.94	4.88	5.57	4.51	4.16	3.85	4.64	3.34	2.48	1.94	3.70	5.32	49.33
Mo. Kansas City.....	1.41	1.24	2.49	3.56	4.40	4.57	1.39	3.77	3.25	2.86	1.80	1.63	34.07
St. Louis.....	1.98	2.04	3.08	3.71	3.73	4.29	3.30	3.02	2.76	2.86	2.57	1.97	35.31
Mont. Great Falls.....	0.61	0.74	0.92	0.98	2.10	2.90	1.28	1.26	1.20	0.73	0.75	0.90	14.07
Nebr. Omaha.....	0.82	0.95	1.45	2.56	3.48	4.53	3.37	3.98	2.63	1.73	1.26	0.80	27.56
Nev. Reno.....	1.19	1.02	0.88	0.84	0.52	0.37	0.27	0.17	0.23	0.51	0.57	1.08	7.15
N.H. Concord.....	3.23	2.48	3.26	3.31	3.17	3.60	3.41	2.96	3.75	2.66	3.72	3.26	38.80
N.J. Atlantic City.....	3.50	3.13	3.91	3.41	3.51	2.83	3.72	4.90	3.31	3.20	3.66	3.22	42.36
N.Mex. Albuquerque.....	0.41	0.38	0.48	0.47	0.75	0.57	1.20	1.33	0.95	0.75	0.38	0.46	8.13
N.Y. Albany.....	2.47	2.20	2.72	2.77	3.47	3.25	3.49	3.07	3.58	2.77	2.70	2.69	35.08
Buffalo.....	2.84	2.72	3.24	3.01	2.95	2.64	2.57	3.05	3.13	3.00	3.60	3.00	35.65
New York <sup>1</sup> .....	3.31	2.84	4.01	3.43	3.07	3.31	3.70	4.44	3.87	3.14	3.39	3.26	42.37
N.C. Charlotte.....	3.53	3.55	4.39	3.49	3.11	3.01	4.88	4.22	3.49	2.96	2.53	3.62	43.38
Raleigh.....	3.22	3.23	3.35	3.52	3.52	3.70	5.49	5.20	3.55	2.71	2.77	3.02	43.58
N.Dak. Bismarck.....	0.44	0.43	0.78	1.22	1.97	3.40	2.19	1.73	1.19	0.85	0.59	0.36	15.15
Ohio Cincinnati <sup>1</sup> .....	3.67	2.80	3.89	3.63	3.80	4.18	3.59	3.28	2.71	2.24	2.95	2.77	39.51
Cleveland.....	2.67	2.35	3.13	3.41	3.52	3.43	3.31	3.28	2.80	2.42	2.61	2.34	35.35
Columbus.....	3.16	2.31	3.16	3.49	4.00	4.16	3.93	2.86	2.65	2.11	2.50	2.34	36.67
Okla. Oklahoma City.....	1.31	1.37	1.97	3.12	5.19	4.47	2.37	2.22	3.02	2.51	1.56	1.41	30.82
Oreg. Portland <sup>1</sup> .....	6.94	4.90	4.77	2.45	2.05	1.68	0.37	0.66	1.74	3.89	6.04	7.42	42.37
Pa. Philadelphia.....	3.32	2.80	3.30	3.40	3.74	3.45	3.68	4.63	3.46	2.73	3.40	4.24	42.48
Pittsburgh.....	2.97	2.10	3.32	3.08	3.91	3.78	3.81	3.51	2.54	2.52	2.24	2.40	36.14
R.I. Providence.....	3.81	3.10	4.14	3.75	3.35	2.76	2.91	3.96	3.52	3.10	4.11	3.62	42.13
S.C. Columbia.....	3.02	3.74	4.26	4.01	3.64	3.85	6.00	5.74	4.31	2.32	3.36	3.62	46.82
S.Dak. Sioux Falls.....	0.62	0.93	1.64	2.31	3.38	4.35	2.84	3.69	2.61	1.25	1.00	0.74	25.16
Tenn. Memphis.....	6.07	4.69	5.07	4.63	4.23	3.68	3.64	2.97	2.82	2.72	4.38	4.93	40.73
Nashville.....	5.49	4.51	6.19	3.74	3.72	3.25	3.72	2.86	2.87	2.32	3.28	4.19	45.15
Tex. Dallas.....	2.32	2.55	2.85	4.00	4.83	3.24	1.94	1.93	2.82	2.70	2.70	2.67	34.55
El Paso.....	0.46	0.41	0.85	0.29	0.40	0.60	1.29	1.19	1.14	0.85	0.33	0.49	7.89
Houston <sup>1</sup> .....	3.72	3.21	2.40	4.32	4.43	3.83	5.15	3.55	3.81	3.60	4.04	4.10	45.26
Utah Salt Lake City.....	1.35	1.18	1.56	1.76	1.40	0.98	0.58	0.87	0.53	1.15	1.30	1.24	13.90
Vt. Burlington.....	1.65	1.79	2.11	2.63	2.99	3.49	3.85	3.37	3.31	2.97	2.62	2.13	33.21
Va. Norfolk.....	3.33	3.21	3.45	3.16	3.36	3.61	5.92	5.97	4.22	3.92	3.05	2.74	44.94
Richmond.....	3.46	2.90	3.42	3.15	3.72	3.75	6.51	6.54	3.65	3.00	3.04	2.97	44.21
Wash. Seattle <sup>1</sup> .....	5.19	3.90	3.32	1.97	1.59	1.41	0.68	0.74	1.05	3.28	5.00	5.42	34.10
Spokane.....	2.44	1.86	1.50	0.91	1.21	1.49	0.38	0.41	0.76	1.57	2.24	4.43	17.19
W. Va. Charleston.....	4.32	3.43	4.34	3.68	3.71	3.69	5.67	3.95	2.92	2.58	2.79	3.25	44.43
Wis. Milwaukee.....	1.83	1.40	2.31	2.53	3.16	3.64	2.95	3.06	2.72	2.10	2.18	1.63	29.51
Wyo. Cheyenne.....	0.52	0.56	1.21	1.88	2.62	2.11	1.82	1.44	1.10	0.83	0.62	0.45	15.06
P.R. San Juan <sup>1</sup> .....	4.13	2.70	2.07	3.89	7.16	5.83	6.02	6.34	6.04	5.24	6.06	4.89	60.36

<sup>1</sup> City office data.

Source: Department of Commerce, Weather Bureau; records.

# NO. 238. AVERAGE NUMBER OF DAYS WITH PRECIPITATION OF 0.01 INCH OR MORE, FOR SELECTED CITIES

[Airport data unless otherwise noted. Values adjusted to represent observations taken at the present standard location. For period of record through 1960]

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	19	10	10	11	8	8	12	18	13	10	6	7	11	124
Alaska	Juneau	17	18	17	18	17	17	15	17	18	20	23	21	22	223
Ariz.	Phoenix	21	4	4	3	2	1	1	4	5	3	3	2	4	34
Ark.	Little Rock	19	10	10	10	11	10	8	8	7	7	6	8	9	104
Calif.	Los Angeles <sup>1</sup>	20	6	5	6	4	2	1	(2)	1	1	2	4	5	37
	Sacramento <sup>1</sup>	27	11	10	8	6	3	1	(2)	(2)	1	3	6	9	59
	San Francisco <sup>1</sup>	24	11	11	10	6	4	2	1	1	1	4	7	10	67
Colo.	Denver	26	6	6	8	9	11	9	9	8	6	6	5	4	87
Conn.	Hartford	6	11	10	12	14	12	11	11	11	10	9	11	10	132
Del.	Wilmington	13	12	10	13	12	12	9	9	9	8	9	9	10	122
D.C.	Washington	19	11	8	12	10	12	0	10	10	8	8	8	10	115
Fla.	Jacksonville	19	7	8	9	7	8	11	15	14	15	9	6	8	117
	Miami	18	6	5	6	7	10	13	17	16	18	15	8	7	128
Ga.	Atlanta	28	11	10	12	10	9	10	12	10	7	7	8	11	117
Hawaii	Honolulu <sup>1</sup>	38	12	12	13	12	11	11	13	13	12	13	13	14	140
Idaho	Boise <sup>1</sup>	21	12	11	10	8	9	7	2	2	3	7	10	11	90
Ill.	Chicago	18	10	10	12	13	12	11	9	8	8	7	10	10	120
	Peoria	21	9	8	11	12	12	11	8	8	8	7	8	9	118
Ind.	Indianapolis	21	12	10	12	12	13	11	9	8	7	8	10	10	122
Iowa	Des Moines	21	7	7	10	10	11	11	9	9	8	7	6	7	102
Kans.	Wichita	7	6	5	7	7	11	9	8	7	7	7	6	4	5
Ky.	Louisville	13	13	11	13	13	11	11	10	8	7	7	9	10	122
La.	New Orleans <sup>1</sup>	45	10	9	9	7	9	12	15	14	10	7	7	10	119
Maine	Portland	20	12	11	11	12	13	12	9	9	8	9	11	10	127
Md.	Baltimore <sup>1</sup>	90	11	10	12	11	11	11	11	11	8	8	9	10	123
Mass.	Boston	9	13	12	12	13	13	10	10	10	9	10	11	10	133
Mich.	Detroit	27	13	12	13	12	12	11	9	8	9	9	12	13	133
	Sault Ste. Marie	19	18	15	13	12	11	12	10	10	13	11	18	19	162
Minn.	Duluth	19	11	10	11	10	13	13	11	11	11	9	11	11	132
	Minneapolis														
	St. Paul	22	8	7	11	9	11	13	10	10	9	8	8	8	112
Miss.	Jackson	5	10	11	12	9	10	10	10	10	9	8	8	9	113
Mo.	Kansas City	27	7	7	9	11	12	11	8	8	7	7	6	6	100
	St. Louis	3	7	7	11	10	12	9	10	8	7	9	7	7	104
Mont.	Great Falls	23	8	8	9	8	11	13	7	7	7	6	7	6	95
Nebr.	Omaha	25	7	7	8	9	11	11	9	10	7	6	5	5	94
Nev.	Reno	18	6	6	6	4	5	3	3	2	2	3	4	6	47
N.H.	Concord	19	12	10	11	12	13	11	10	9	9	9	11	10	127
N.J.	Atlantic City	2	9	9	13	9	11	7	9	9	8	11	9	7	111
N. Mex.	Albuquerque	21	4	4	4	4	4	4	9	10	5	5	2	4	58
N.Y.	Albany	14	13	11	12	13	13	10	11	10	9	9	11	11	133
	Buffalo	7	21	17	16	15	12	9	10	10	10	11	16	20	167
	New York <sup>1</sup>	90	12	10	12	11	11	10	11	10	9	9	9	10	124
N.C.	Charlotte	21	10	10	12	9	8	9	12	10	7	7	8	10	112
	Raleigh	16	10	10	11	10	10	10	12	11	9	8	8	8	118
N. Dak.	Bismarck	21	8	7	8	7	9	12	9	9	7	6	7	7	96
Ohio	Cincinnati <sup>1</sup>	45	13	11	13	12	12	13	10	9	9	9	10	11	132
	Cleveland	19	16	14	16	15	14	11	10	9	9	10	15	15	154
	Columbus	21	14	12	14	13	13	12	10	8	8	8	11	12	135
Okla.	Oklahoma City	21	6	7	7	8	11	9	7	6	6	6	4	5	82
Oreg.	Portland <sup>1</sup>	58	20	16	17	14	12	9	8	4	8	12	17	19	161
Pa.	Philadelphia	20	12	9	12	11	12	10	10	10	8	8	9	9	120
	Pittsburgh	8	16	14	16	14	12	11	11	10	7	11	13	15	149
R.I.	Providence	7	12	10	12	13	12	11	10	10	9	9	12	11	131
S.C.	Columbia	13	9	10	11	9	8	9	12	11	8	7	7	9	110
S. Dak.	Sioux Falls	15	5	6	9	8	10	11	9	10	7	6	6	6	93
Tenn.	Memphis	10	10	10	11	10	8	8	9	7	6	5	8	10	102
	Nashville	19	12	11	12	11	11	9	10	9	7	7	9	11	119
Tex.	Dallas	20	7	8	8	9	9	0	5	6	5	6	6	6	81
	El Paso	21	3	3	2	2	2	4	8	7	4	4	2	3	44
	Houston <sup>1</sup>	22	10	10	9	8	8	8	10	9	9	7	8	10	106
Utah	Salt Lake City	32	10	9	10	9	8	5	4	6	5	6	7	9	86
Vt.	Burlington	17	14	13	13	13	13	11	12	11	12	11	14	14	151
Va.	Norfolk	12	10	10	12	11	10	8	11	12	8	8	9	8	117
	Richmond	23	10	9	11	10	11	9	12	10	8	8	9	9	116
Wash.	Seattle <sup>1</sup>	27	19	15	16	13	11	9	5	6	8	14	17	10	151
	Spokane	13	17	12	12	8	10	8	4	5	6	9	12	16	118
W. Va.	Charleston	13	17	14	16	14	14	11	13	10	8	10	12	13	152
Wis.	Milwaukee <sup>1</sup>	20	10	9	11	11	13	11	9	9	8	8	10	10	119
Wyo.	Cheyenne <sup>1</sup>	25	6	7	10	10	13	11	11	10	7	6	6	5	102
P.R.	San Juan <sup>1</sup>	62	20	14	14	14	16	17	19	20	18	18	19	20	209

<sup>1</sup> City office data. <sup>2</sup> Less than ½ day.

Source: Department of Commerce, Weather Bureau; records.

## No. 239. AVERAGE TOTAL SNOW AND SLEET, FOR SELECTED CITIES

[In inches. Airport data unless otherwise noted. Values adjusted to represent observations taken at the present standard location. For period of record through 1960. T denotes trace]

STATION	Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.----- Mobile.....	19	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	0.4
Alaska.----- Juneau.....	17	17.9	18.9	15.7	4.1	T	0.0	0.0	0.0	0.0	1.3	10.5	22.1	90.5
Ariz.----- Phoenix.....	23	T	T	0.0	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T
Ark.----- Little Rock.....	19	2.4	1.2	0.3	T	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.9	4.9
Calif.----- Los Angeles.....	20	T	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T
----- Sacramento.....	12	T	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T
----- San Francisco.....	24	T	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T
Colo.----- Denver.....	26	8.9	7.9	12.3	10.2	1.7	T	0.0	0.0	1.5	3.1	7.7	6.0	59.3
Conn.----- Hartford.....	6	10.0	8.7	18.6	3.3	0.0	0.0	0.0	0.0	0.0	0.0	1.0	8.6	50.2
Del.----- Wilmington.....	13	5.2	4.5	5.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.5	3.6	19.9
D.C.----- Washington.....	17	4.2	3.8	2.8	T	0.0	0.0	0.0	0.0	0.0	T	0.7	3.2	14.7
Fla.----- Jacksonville.....	19	T	0.1	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	0.1
----- Miami.....	18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ga.----- Atlanta.....	26	0.7	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hawaii.----- Honolulu.....	38	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Idaho.----- Boise.....	21	7.6	4.7	2.3	0.3	T	0.0	0.0	0.0	0.0	0.0	1.5	4.7	21.1
Ill.----- Chicago.....	18	7.5	7.1	6.4	0.4	T	0.0	0.0	0.0	0.0	0.3	2.4	10.4	35.6
----- Peoria.....	17	5.0	4.8	5.3	0.4	T	0.0	0.0	0.0	0.0	T	2.2	5.3	23.0
Ind.----- Indianapolis.....	20	4.0	3.7	3.7	0.5	T	0.0	0.0	0.0	0.0	T	1.9	5.6	31.9
Iowa.----- Des Moines.....	21	8.9	6.5	7.7	1.3	T	0.0	0.0	0.0	0.0	T	0.8	1.9	16.1
Kans.----- Wichita.....	7	4.3	4.1	4.7	0.3	0.0	0.0	0.0	0.0	0.0	T	1.2	2.3	14.7
Ky.----- Louisville.....	13	4.2	3.1	3.9	T	0.0	0.0	0.0	0.0	0.0	T	0.0	T	0.1
La.----- New Orleans.....	46	T	0.1	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	0.1
Maine.----- Portland.....	20	19.7	18.9	13.7	2.1	0.4	0.0	0.0	0.0	T	0.0	3.0	12.2	70.0
Md.----- Baltimore.....	69	6.1	6.6	4.8	0.6	T	0.0	0.0	0.0	0.0	0.1	0.6	3.9	22.7
Mass.----- Boston.....	25	12.6	10.4	7.9	0.7	T	0.0	0.0	0.0	0.0	T	1.5	6.6	39.7
Mich.----- Detroit.....	27	8.2	7.7	5.5	1.2	T	0.0	0.0	0.0	0.0	T	3.0	6.5	32.1
----- Sault Ste. Marie.....	19	21.0	15.3	15.4	4.8	0.5	T	0.0	0.0	0.2	2.2	14.3	25.2	98.9
Minn.----- Duluth.....	17	16.4	13.0	13.2	6.6	1.0	T	0.0	0.0	T	1.2	10.8	14.5	76.2
----- Minneapolis.....	22	6.3	7.4	9.9	2.1	0.3	0.0	0.0	0.0	0.1	0.4	6.8	6.9	40.2
----- St. Paul.....	5	T	2.3	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	T	2.3
Miss.----- Jackson.....	27	5.3	3.9	4.4	0.6	T	0.0	0.0	0.0	0.0	T	1.2	4.2	19.6
Mo.----- Kansas City.....	24	3.9	3.5	5.1	0.1	T	0.0	0.0	0.0	0.0	T	1.2	3.1	16.9
----- St. Louis.....	23	8.3	10.3	9.6	4.4	1.6	0.5	0.0	0.0	1.4	2.7	8.2	7.7	54.7
Mont.----- Great Falls.....	25	8.5	7.4	7.3	1.0	0.1	0.0	0.0	0.0	0.0	0.3	2.2	5.0	31.8
Nebr.----- Omaha.....	18	7.0	5.3	5.0	1.0	0.1	T	0.0	0.0	T	0.3	1.6	3.6	23.9
Nev.----- Reno.....	19	13.7	13.2	11.4	1.8	0.3	0.0	0.0	0.0	0.0	T	3.3	12.3	61.1
N.H.----- Concord.....	2	1.7	1.6	6.7	1.0	0.0	0.0	0.0	0.0	0.0	T	5.1	1.6	16.3
N.J.----- Atlantic City.....	21	2.0	1.8	1.8	0.5	T	0.0	0.0	0.0	T	1.6	3.1	1.0	10.6
N. Mex.----- Albuquerque.....	14	15.8	14.7	12.2	2.7	T	0.0	0.0	0.0	0.0	0.2	2.9	11.9	60.4
N.Y.----- Albany.....	7	26.7	22.8	13.7	3.4	T	0.0	0.0	0.0	T	0.3	14.8	22.5	109.2
----- Buffalo.....	7	7.3	8.9	5.8	1.0	T	0.0	0.0	0.0	0.0	T	0.9	6.2	30.1
----- New York.....	70	1.4	0.9	1.3	T	0.0	0.0	0.0	0.0	0.0	0.0	T	0.4	4.0
N.C.----- Charlotte.....	21	2.4	1.7	1.2	T	0.0	0.0	0.0	0.0	0.0	0.0	T	1.2	6.5
----- Raleigh.....	16	7.0	6.0	8.5	2.9	0.9	T	0.0	0.0	0.2	1.4	5.7	5.1	37.7
N. Dak.----- Bismarck.....	21	7.0	6.0	8.5	2.9	0.9	T	0.0	0.0	0.2	1.4	5.7	5.1	37.7
Ohio.----- Cincinnati.....	45	5.1	3.8	3.2	0.5	T	0.0	0.0	0.0	0.0	0.1	1.5	4.3	18.5
----- Cleveland.....	19	10.0	9.8	11.2	2.6	T	0.0	0.0	0.0	0.0	T	0.5	6.5	10.9
----- Columbus.....	13	9.3	4.4	4.6	0.6	T	0.0	0.0	0.0	0.0	T	3.3	6.6	29.3
Okl.----- Oklahoma City.....	21	3.5	2.3	1.8	T	0.0	0.0	0.0	0.0	0.0	T	0.3	1.7	9.6
Oreg.----- Portland.....	58	5.3	1.8	0.6	0.1	T	0.0	0.0	0.0	0.0	T	0.1	1.2	9.1
Pa.----- Philadelphia.....	18	4.6	4.0	4.2	T	0.0	0.0	0.0	0.0	0.0	T	0.8	3.0	18.4
----- Pittsburgh.....	8	7.9	6.6	9.5	2.0	T	0.0	0.0	0.0	0.0	0.2	4.2	8.5	38.9
R.I.----- Providence.....	7	8.9	5.1	13.4	1.1	0.0	0.0	0.0	0.0	0.0	T	0.5	6.4	35.4
S.C.----- Columbia.....	13	0.1	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	0.7	1.2
S. Dak.----- Sioux Falls.....	15	5.9	8.5	12.9	2.4	T	0.0	0.0	0.0	0.0	0.3	5.4	6.0	41.4
Tenn.----- Memphis.....	10	2.1	1.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	0.5	4.8
----- Nashville.....	19	3.6	2.7	2.1	0.1	T	0.0	0.0	0.0	0.0	0.0	0.7	1.2	10.4
Tex.----- Dallas.....	20	1.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	0.2	1.7
----- El Paso.....	21	1.6	0.7	0.6	T	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.1	4.4
----- Houston.....	22	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	0.4
Utah.----- Salt Lake City.....	32	13.6	9.3	8.2	3.2	0.2	T	0.0	0.0	T	0.5	6.2	10.5	51.7
Vt.----- Burlington.....	17	18.5	19.0	10.3	1.5	T	0.0	0.0	0.0	T	0.1	5.7	14.1	69.2
Va.----- Norfolk.....	12	2.1	0.8	0.8	T	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.8	5.6
----- Richmond.....	23	4.3	2.5	2.7	0.1	0.0	0.0	0.0	0.0	0.0	T	0.6	1.3	8.6
Wash.----- Seattle.....	27	4.9	1.4	0.8	T	0.0	0.0	0.0	0.0	0.0	T	0.8	0.7	58.0
----- Spokane.....	13	21.2	10.3	5.2	0.2	T	0.0	0.0	0.0	0.0	0.6	5.7	14.8	23.3
W. Va.----- Charleston.....	13	6.7	5.0	4.7	0.6	0.0	0.0	0.0	0.0	0.0	0.1	3.0	2.6	42.5
Wis.----- Milwaukee.....	20	13.0	7.7	8.6	0.6	T	0.0	0.0	0.0	T	3.3	3.3	9.3	57.1
Wyo.----- Cheyenne.....	25	6.4	6.4	12.4	10.4	4.1	0.5	0.0	0.0	0.7	3.1	7.3	5.8	57.1
P.R.----- San Juan.....	62	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

1 City office data.

Source: Department of Commerce, Weather Bureau; records.

## No. 240. AVERAGE PERCENTAGE OF POSSIBLE SUNSHINE, FOR SELECTED CITIES

[For period of record through 1960. Airport data unless otherwise noted. Values adjusted to represent observations taken at the present standard location]

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile <sup>1</sup>	48	51	54	60	67	71	68	59	63	64	70	62	46	61
Alaska	Juneau	15	29	32	37	37	34	34	27	30	24	17	21	18	30
Ariz.	Phoenix	65	77	79	83	88	93	94	84	84	89	88	84	77	80
Ark.	Little Rock	19	42	51	54	60	64	70	69	72	69	70	57	47	62
Calif.	Los Angeles <sup>1</sup>	20	71	72	74	67	68	69	81	82	81	74	80	72	74
	Sacramento <sup>1</sup>	12	43	58	68	77	83	91	97	96	93	86	66	47	78
	San Francisco <sup>1</sup>	24	54	59	66	70	71	74	64	64	72	70	64	53	66
Colo.	Denver	11	70	70	69	62	64	72	70	73	77	72	66	68	69
Conn.	Hartford	6	49	48	52	48	57	57	57	59	57	56	45	46	53
Del.	Wilmington <sup>2</sup>	15	46	55	57	57	58	63	61	59	58	53	51	51	58
D.C.	Washington	12	45	52	55	55	56	65	64	61	62	58	55	49	56
Fla.	Jacksonville	10	58	63	62	68	69	59	59	58	45	53	58	52	59
	Miami <sup>1</sup>	18	70	75	73	73	68	62	61	64	58	58	68	65	66
Ga.	Atlanta	26	47	51	58	65	69	68	61	66	64	66	58	48	60
Hawaii	Honolulu <sup>1</sup>	8	65	62	71	73	71	74	76	75	76	72	65	59	70
Idaho	Boise	21	40	49	59	67	68	76	89	86	81	67	40	39	66
Ill.	Chicago	18	43	48	52	53	59	66	69	68	67	64	44	44	58
	Peoria	17	43	47	52	55	59	64	70	69	69	62	47	42	58
Ind.	Indianapolis	18	37	51	54	55	61	69	73	74	70	68	46	44	60
Iowa	Des Moines	10	48	54	53	59	66	68	71	71	71	66	58	48	61
Kans.	Wichita	7	58	67	59	61	62	73	75	79	77	67	72	64	67
Ky.	Louisville	13	34	44	50	56	63	69	68	71	70	62	51	42	57
La.	New Orleans <sup>1</sup>	45	49	51	57	64	68	67	61	63	65	72	62	48	61
Maine	Portland	20	54	60	58	56	56	62	68	66	63	59	48	56	59
Md.	Baltimore <sup>1</sup>	57	48	56	59	59	61	64	65	63	64	63	55	49	59
Mass.	Boston	25	46	56	57	55	57	63	66	66	64	60	53	54	58
Mich.	Detroit	27	31	43	50	52	58	64	71	67	61	56	34	32	54
	Sault Ste. Marie	19	32	42	51	53	52	55	63	68	63	44	22	25	45
Minn.	Duluth	10	51	56	61	56	57	61	69	61	51	53	37	45	56
	Minneapolis-St. Paul	22	50	57	54	56	58	61	70	66	62	58	40	42	58
Miss.	Jackson	5	43	42	53	60	64	63	66	65	66	54	51	47	55
Mo.	Kansas City	27	50	54	56	58	62	69	76	73	71	68	59	51	64
	St. Louis	2	38	43	58	63	61	67	70	67	67	50	54	36	56
Mont.	Great Falls	19	54	61	66	64	64	63	80	78	87	61	47	51	65
Nebr.	Omaha	25	53	54	53	59	61	65	76	70	69	68	53	48	62
New	Concord	18	64	68	71	76	78	83	91	93	91	80	71	61	78
N.H.	Reno	19	47	52	49	48	50	66	62	59	54	52	41	47	51
N.J.	Atlantic City <sup>1</sup>	62	51	57	58	59	62	65	67	66	65	64	58	52	60
N. Mex.	Albuquerque	21	69	72	73	75	79	83	76	76	82	78	79	70	76
N.Y.	Albany	22	43	51	53	52	56	62	65	62	58	54	39	30	53
	Buffalo	17	33	41	49	52	59	68	71	68	62	55	30	31	52
	New York <sup>1</sup>	67	51	57	59	60	61	64	65	63	64	63	56	53	60
N.O.	Charlotte	10	55	58	60	60	69	74	70	70	66	69	64	60	65
	Raleigh	6	58	58	60	62	59	62	68	66	58	56	64	63	61
N. Dak.	Bismarck	21	54	56	56	58	60	61	75	72	65	60	46	48	61
Ohio	Cincinnati <sup>1</sup>	45	41	45	52	56	62	69	72	68	68	60	46	40	57
	Cleveland	19	26	33	45	51	57	64	68	66	61	55	33	29	49
	Columbus	9	35	40	46	53	59	67	70	73	72	63	47	36	55
Okla.	Oklahoma City	10	53	58	61	62	63	76	77	82	79	68	67	60	68
Oreg.	Portland <sup>1</sup>	11	21	32	34	49	48	48	45	69	60	38	30	21	44
Pa.	Philadelphia	20	47	55	57	57	59	64	63	61	60	59	53	51	57
	Pittsburgh	8	38	40	53	53	57	65	66	63	68	59	50	40	54
R.I.	Providence	7	53	56	58	55	59	60	61	60	60	59	53	56	58
S.C.	Columbia	7	62	64	64	72	69	75	71	75	63	63	67	68	68
S. Dak.	Sioux Falls <sup>2</sup>	18	57	58	58	63	66	66	76	74	71	68	54	53	65
Tenn.	Memphis	10	43	49	52	61	68	74	75	78	74	69	62	51	63
	Nashville	19	36	45	52	60	61	68	63	65	65	62	54	41	56
Tex.	Dallas	20	47	50	56	58	63	75	78	77	74	66	63	54	66
	El Paso	18	75	79	81	85	88	88	77	80	82	82	84	77	82
	Houston <sup>1</sup>	22	46	44	51	54	63	70	69	68	64	67	57	48	59
Utah	Salt Lake City	23	47	53	61	68	73	79	82	82	84	73	56	40	69
Vt.	Burlington	17	35	44	49	46	52	58	63	62	53	48	20	31	48
Va.	Norfolk	7	38	60	60	64	66	70	65	62	63	58	61	62	62
	Richmond	10	49	54	57	63	65	69	70	65	64	58	54	52	60
Wash.	Seattle <sup>1</sup>	27	27	34	42	48	52	48	62	65	52	36	28	24	45
	Spokane	13	26	37	53	64	62	65	83	78	71	51	32	22	57
W. Va.	Charleston <sup>2</sup>	62	29	37	42	40	56	60	68	59	59	52	36	20	48
Wis.	Milwaukee	20	41	44	50	53	57	62	71	66	62	58	42	40	55
Wyo.	Cheyenne	25	61	63	63	58	57	66	69	66	70	69	62	58	64
P.R.	San Juan	5	69	72	74	64	61	53	61	64	40	65	67	59	63

<sup>1</sup> City office data.<sup>2</sup> Data not available; figures are for a nearby station.

Source: Department of Commerce, Weather Bureau; records.

## No. 241. AVERAGE HOURLY WIND SPEED, FOR SELECTED CITIES

(For period of record through 1960. Airport data unless otherwise noted. Values adjusted to represent observations taken at the present standard location. True velocities in miles per hour)

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	12	11.6	11.7	11.9	10.9	9.6	8.5	7.7	7.7	9.1	9.3	10.6	11.0	10.0
Alaska	Juneau	17	8.4	8.4	8.9	8.7	8.0	7.7	7.6	7.5	7.8	9.2	8.8	9.2	8.4
Ariz.	Phoenix	15	4.4	5.0	5.7	5.9	6.0	5.9	6.2	5.6	5.2	4.8	4.4	4.2	5.3
Ark.	Little Rock	19	9.1	9.4	10.2	9.8	8.4	7.9	7.3	6.9	7.2	7.0	8.4	8.5	8.3
Calif.	Los Angeles <sup>1</sup>	20	6.8	6.9	6.9	6.6	6.3	5.8	5.4	5.3	5.7	5.7	6.5	6.1	6.2
	Sacramento <sup>1</sup>	12	9.9	9.4	10.4	9.7	10.3	11.1	10.3	9.8	8.7	7.9	6.2	6.6	8.8
	San Francisco <sup>1</sup>	24	6.8	7.5	8.5	9.6	10.4	11.0	11.2	10.6	9.2	7.6	9.7	9.0	9.7
Colo.	Denver	12	9.9	10.2	10.8	11.0	10.1	10.0	9.1	8.7	8.7	8.6	9.6	9.8	10.0
Conn.	Hartford	6	11.2	11.2	11.8	11.7	10.7	9.4	8.5	8.5	8.5	9.4	8.6	8.6	8.7
Del.	Wilmington	12	9.4	10.0	11.1	10.1	8.6	8.3	7.5	7.1	7.4	7.8	8.2	9.6	9.9
D.C.	Washington	12	10.8	11.1	12.0	11.3	9.8	9.4	8.6	8.4	8.7	9.2	9.6	9.7	9.9
Fla.	Jacksonville	11	8.4	9.7	9.5	9.4	9.0	8.7	7.8	7.6	9.0	9.1	8.4	8.4	8.8
	Miami	11	9.4	9.8	9.8	10.1	9.1	8.0	7.6	7.2	8.1	8.4	8.9	8.4	8.7
Ga.	Atlanta	22	11.3	11.7	11.8	10.8	9.0	8.3	7.7	7.4	8.4	8.7	9.6	10.3	9.6
Hawaii	Honolulu <sup>1</sup>	11	10.0	10.9	11.7	12.3	12.9	13.3	13.9	14.1	12.0	10.0	11.1	11.4	12.1
Idaho	Boise	21	9.0	9.9	10.8	10.5	9.7	9.4	8.7	8.5	8.5	9.0	8.9	8.7	9.3
Ill.	Chicago	18	11.0	11.4	11.6	11.4	10.1	8.9	7.7	7.6	8.6	9.3	11.5	10.9	10.0
	Peoria	17	11.5	12.0	12.6	12.6	10.7	9.4	8.2	8.0	9.1	9.7	12.0	11.3	10.6
Ind.	Indianapolis	12	12.2	12.3	13.2	12.8	11.0	9.2	8.0	7.8	8.8	9.8	12.2	11.6	10.7
Iowa	Des Moines	11	12.3	12.6	14.1	14.4	12.3	11.4	9.8	9.4	10.8	11.5	13.7	12.8	12.1
Kans.	Wichita	7	13.2	13.8	14.9	15.2	13.9	13.5	11.6	12.6	12.8	13.1	13.4	13.0	13.4
Ky.	Louisville	13	10.2	10.0	10.7	10.4	8.1	7.4	6.7	5.6	7.0	7.1	9.5	9.3	8.5
La.	New Orleans <sup>1</sup>	45	7.5	7.6	7.8	7.5	6.7	6.0	5.7	5.6	6.7	6.9	7.2	7.3	6.9
Maine	Portland	20	9.5	9.8	10.3	10.2	9.2	8.3	7.7	7.6	8.0	8.8	9.1	9.2	9.6
Md.	Baltimore <sup>1</sup>	24	10.3	10.8	11.5	11.3	10.0	9.5	8.8	8.6	8.9	9.2	10.0	9.9	9.9
Mass.	Boston	3	14.4	15.1	14.4	12.7	11.5	11.3	10.4	10.0	12.0	13.1	13.6	12.5	12.5
Mich.	Detroit	27	11.4	11.5	11.5	11.1	9.7	9.0	8.2	8.0	8.9	9.4	11.5	11.3	10.1
	Sault Ste. Marie	10	10.2	10.4	10.8	11.2	10.5	9.1	8.4	8.3	9.2	9.8	10.7	10.4	9.9
Minn.	Duluth	11	12.5	13.0	13.2	14.9	13.6	11.7	10.8	10.6	12.2	12.8	14.1	12.7	12.7
	Minneapolis	22	10.5	10.9	11.5	12.7	11.7	11.1	9.5	9.3	10.5	10.8	11.6	10.7	10.9
Miss.	Jackson	5	8.3	8.4	8.2	7.7	6.4	5.6	4.8	4.6	5.5	5.3	6.7	7.2	6.6
Mo.	Kansas City	21	10.1	10.6	12.0	11.8	10.5	10.4	9.1	9.0	9.4	9.2	11.0	10.2	10.3
	St. Louis	11	10.1	10.8	11.7	11.3	9.5	8.3	7.1	6.8	7.7	8.0	9.9	10.0	9.3
Mont.	Great Falls	19	17.0	16.0	14.3	14.0	12.2	12.3	11.0	11.1	12.3	14.4	16.4	17.5	14.0
Nebr.	Omaha	25	11.8	11.8	13.2	13.7	11.7	11.1	9.4	9.7	10.2	10.4	11.8	11.2	11.3
Nev.	Reno	18	6.3	6.4	7.7	8.0	7.7	7.4	6.6	6.3	5.5	5.4	5.1	5.0	6.5
N.H.	Concord	19	7.4	8.1	8.2	7.8	7.0	6.4	5.6	5.2	5.5	6.1	6.7	7.0	6.8
N.J.	Atlantic City	2	13.9	14.8	14.9	12.9	11.4	10.8	10.3	9.9	10.4	12.4	13.0	12.6	12.3
N. Mex.	Albuquerque	21	8.1	8.9	10.1	11.0	10.4	9.8	9.2	8.0	8.5	8.2	7.8	7.6	9.0
N.Y.	Albany	22	9.9	10.7	10.6	10.5	9.0	8.1	7.3	6.8	7.4	8.0	8.9	9.0	8.9
	Buffalo	21	15.1	15.0	14.9	13.8	12.5	12.0	11.2	10.7	11.5	12.2	14.1	14.6	13.1
	New York <sup>1</sup>	40	16.4	16.8	17.0	15.6	13.4	12.7	12.0	11.6	12.3	13.8	15.7	16.1	14.5
N.C.	Charlotte	11	8.6	8.8	9.4	9.4	7.7	7.0	6.8	6.9	7.5	7.7	7.6	7.6	7.9
	Raleigh	11	8.3	8.7	9.2	9.2	7.4	6.7	6.6	6.5	7.0	7.2	7.3	7.5	7.6
N. Dak.	Bismarck	21	10.2	10.4	11.7	13.0	12.7	11.9	10.0	10.3	10.9	10.5	11.2	9.9	11.1
Ohio	Cincinnati <sup>1</sup>	39	8.5	8.6	9.1	8.5	6.8	6.6	5.3	5.1	5.5	6.2	7.9	8.0	7.2
	Cleveland	19	12.6	13.0	13.1	12.4	10.8	9.7	8.0	8.6	9.6	10.3	12.9	12.8	11.2
	Columbus	11	10.1	10.2	10.6	10.0	8.1	6.9	5.9	5.7	6.4	7.1	9.5	9.2	8.3
Okla.	Oklahoma City	12	15.0	14.9	16.2	16.2	14.3	14.2	12.1	11.7	12.6	13.2	13.9	14.2	14.0
Oreg.	Portland <sup>1</sup>	12	10.2	8.8	8.3	7.1	9.7	8.9	8.2	7.8	8.1	9.0	9.6	10.0	9.6
Pa.	Philadelphia	20	10.3	11.1	11.7	11.1	9.5	8.7	7.8	7.6	8.3	8.9	10.6	10.9	9.8
	Pittsburgh	8	10.9	11.4	11.5	11.2	9.5	10.8	10.3	10.1	10.1	10.4	11.1	11.2	11.3
R.I.	Providence	7	11.9	12.0	12.8	13.0	11.6	10.6	9.7	6.7	6.0	6.3	6.0	6.2	6.4
S.C.	Columbia	12	7.2	7.6	8.6	8.3	7.1	6.9	6.7	6.0	6.3	6.0	6.2	6.4	7.0
S. Dak.	Sioux Falls	12	11.1	11.2	12.6	13.1	11.9	10.6	9.4	9.2	10.1	10.9	12.4	10.9	11.1
Tenn.	Memphis	12	11.6	11.1	11.7	11.2	9.2	8.3	7.6	7.0	7.8	8.0	9.9	10.4	9.5
	Nashville	19	9.0	9.1	9.6	9.1	7.2	6.7	6.0	5.7	6.1	6.0	8.2	8.3	7.6
Tex.	Dallas	20	10.2	11.0	12.6	13.2	12.0	12.3	10.0	9.6	9.1	9.1	10.1	10.1	10.8
	El Paso	18	10.4	11.3	13.2	13.0	12.4	11.4	10.1	9.0	9.4	9.4	10.0	9.9	10.8
	Houston <sup>1</sup>	22	10.8	11.2	11.6	12.0	10.7	9.7	8.3	8.3	8.8	9.3	10.3	10.2	10.1
Utah	Salt Lake City	31	7.5	8.2	9.1	9.4	9.4	9.4	8.4	8.4	8.7	8.5	8.8	10.0	9.2
Vt.	Burlington	17	10.1	9.8	9.8	9.8	9.2	8.5	8.1	7.6	8.3	10.6	10.6	10.6	10.3
Va.	Norfolk	12	11.5	11.8	12.3	11.7	9.6	9.0	8.4	8.7	7.0	7.2	7.5	7.5	7.7
	Richmond	12	8.2	8.5	9.1	9.0	7.9	7.3	7.2	6.8	6.6	6.9	7.2	7.7	7.5
Wash.	Seattle	10	7.8	7.8	8.6	8.3	7.7	7.7	7.8	7.7	7.5	7.5	7.7	8.3	8.2
	Spokane	13	7.9	8.7	9.3	9.2	8.2	8.4	7.8	7.7	7.5	5.4	7.4	7.4	6.7
W. Va.	Charleston	13	8.0	8.3	9.1	8.1	6.5	6.7	10.8	9.8	9.9	11.2	11.9	13.8	13.2
Wis.	Milwaukee	20	13.2	13.4	14.0	13.9	12.7	10.8	9.8	9.8	10.5	11.4	14.0	14.5	12.6
Wyo.	Cheyenne	25	14.3	14.7	14.7	13.8	12.0	11.2	9.7	9.8	9.4	7.8	6.9	8.3	8.3
P.R.	San Juan	5	8.5	8.8	8.7	8.9	8.6	8.8	9.8	9.8	9.4	7.8	6.9	8.3	8.3

<sup>1</sup> City office data.

Source: Department of Commerce, Weather Bureau; records.

## No. 242. AVERAGE RELATIVE HUMIDITY

[For period of record through 1960. Airport data except as noted. Values adjusted to represent observations approximation of average highest and average lowest humidity values.]

STATION		Length of rec- ord (yrs.)	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.....	19	87	62	85	60	85	57	87	55	87	55	88	58
Alaska.....	Juneau.....	17	79	79	80	79	82	77	85	72	89	72	87	72
Ariz.....	Phoenix.....	22	74	47	71	41	61	33	53	27	43	20	39	19
Ark.....	Little Rock.....	19	80	66	80	61	78	67	80	54	85	87	86	57
Calif.....	Los Angeles <sup>1</sup> .....	20	65	46	70	46	74	46	78	50	81	52	85	54
	Sacramento <sup>1</sup> .....	21	60	81	88	74	85	64	85	57	82	51	77	45
	San Francisco.....	21	87	78	86	74	84	69	87	69	87	68	88	66
Colo.....	Denver.....	21	60	44	64	45	65	41	67	39	71	39	68	33
Conn.....	Hartford.....	6	73	59	73	57	75	55	76	51	75	49	79	53
Del.....	Wilmington.....	13	77	62	76	59	76	55	74	52	77	54	78	53
D.C.....	Washington.....	19	74	67	71	51	71	49	70	40	76	51	75	53
Fla.....	Jacksonville.....	24	88	56	86	52	85	49	84	48	82	48	85	54
	Miami.....	18	86	55	86	50	85	50	81	56	81	50	83	53
Ga.....	Atlanta.....	12	82	63	81	56	79	54	79	40	81	50	83	53
Hawaii.....	Honolulu.....	14	80	80	78	78	77	75	75	71	75	69	74	68
Idaho.....	Boise.....	21	82	75	82	70	76	57	73	48	73	47	70	43
Ill.....	Chicago.....	13	81	71	80	68	78	60	75	53	75	53	77	53
	Peoria.....	21	82	72	82	69	81	61	79	55	80	56	83	59
Ind.....	Indianapolis.....	21	83	72	82	68	82	61	80	57	81	57	83	58
Iowa.....	Des Moines.....	21	79	71	81	70	82	64	79	54	81	56	84	60
Kans.....	Wichita.....	7	80	64	80	60	77	63	78	40	84	56	84	53
Ky.....	Louisville.....	13	81	68	80	62	78	66	78	51	82	62	83	54
La.....	New Orleans <sup>1</sup> .....	38	85	67	85	64	83	60	84	59	76	59	83	60
Maine.....	Portland.....	20	81	65	80	61	76	70	74	57	75	58	78	61
Md.....	Baltimore <sup>1</sup> .....	60	72	58	70	56	69	53	65	50	67	51	70	53
Mass.....	Boston.....	9	70	60	70	58	68	56	70	55	68	54	70	56
Mich.....	Detroit.....	27	81	70	81	67	79	61	75	53	72	53	74	54
	Sault Ste. Marie.....	19	84	78	85	75	85	69	80	61	80	57	85	63
Minn.....	Duluth.....	19	78	73	79	69	82	67	80	59	79	55	85	61
	Minneapolis-St. Paul.....	22	81	71	81	68	80	64	76	53	76	51	80	56
Miss.....	Jackson.....	5	83	60	83	60	82	54	87	54	89	57	91	57
Mo.....	Kansas City.....	27	78	65	77	61	75	56	74	51	79	53	79	55
	St. Louis.....	3	82	70	78	64	81	61	74	52	81	57	80	56
Mont.....	Great Falls.....	19	67	62	69	62	71	59	67	45	70	45	73	48
Nebr.....	Omaha.....	25	81	68	82	66	81	60	77	52	80	63	81	56
Nev.....	Reno.....	21	82	67	81	61	77	46	73	37	75	34	75	30
N.H.....	Concord.....	19	78	60	78	56	76	53	74	49	74	48	78	51
N.J.....	Atlantic City.....	2	79	59	77	54	78	55	77	60	81	51	80	52
N. Mex.....	Albuquerque.....	21	67	61	62	44	55	34	60	28	48	26	44	24
N.Y.....	Albany.....	14	79	66	78	62	77	58	73	60	73	51	76	52
	Buffalo.....	21	79	72	80	69	79	65	77	68	77	56	78	55
	New York <sup>1</sup> .....	72	72	62	70	59	69	56	69	54	71	56	74	58
N.C.....	Charlotte.....	21	82	67	79	51	70	60	78	46	79	48	81	50
	Raleigh.....	16	82	67	81	53	70	49	70	47	81	51	83	52
N. Dak.....	Bismarck.....	21	77	71	79	71	83	69	82	52	79	48	83	54
Ohio.....	Cincinnati.....	13	81	70	81	63	77	56	78	62	78	62	81	54
	Cleveland.....	19	82	73	81	69	80	62	77	55	76	54	78	54
	Columbus.....	21	82	71	81	67	80	58	78	54	80	55	81	54
Okla.....	Oklahoma City.....	6	85	68	85	66	79	58	79	55	87	61	87	58
Oreg.....	Portland <sup>1</sup> .....	20	87	82	87	80	87	70	87	66	87	60	86	66
Pa.....	Philadelphia.....	20	76	60	75	56	74	62	73	49	76	51	76	52
	Pittsburgh.....	8	78	67	76	65	77	58	75	52	75	52	79	54
R.I.....	Providence.....	7	71	59	73	56	71	53	73	53	71	63	77	56
S.C.....	Columbia.....	13	85	55	86	53	83	49	81	45	81	46	82	48
S. Dak.....	Sioux Falls.....	12	72	63	75	64	77	65	76	47	78	49	82	53
Tenn.....	Memphis.....	21	81	66	81	62	78	57	80	53	82	55	83	56
	Nashville.....	21	84	68	83	62	81	57	81	50	84	53	84	52
Tex.....	Dallas.....	20	81	62	80	61	77	54	81	56	85	56	83	53
	El Paso.....	21	63	44	54	36	45	29	40	26	40	23	44	25
	Houston <sup>1</sup> .....	20	86	66	88	55	85	59	89	60	92	59	91	58
Utah.....	Salt Lake City.....	26	81	70	79	64	74	51	69	42	67	36	62	31
Vt.....	Burlington.....	19	80	69	78	65	76	60	74	54	72	63	75	55
Va.....	Norfolk.....	12	77	60	77	57	74	53	75	51	78	56	78	56
	Richmond.....	26	81	58	80	53	78	48	76	46	78	49	80	52
Wash.....	Seattle <sup>1</sup> .....	21	85	79	85	77	84	70	85	63	85	61	85	63
	Spokane.....	13	84	81	84	77	80	65	75	53	77	61	74	48
W. Va.....	Charleston.....	13	77	63	76	58	75	54	74	47	82	50	86	54
Wis.....	Milwaukee.....	20	77	71	77	69	79	65	78	68	77	60	80	61
Wyo.....	Cheyenne <sup>1</sup> .....	25	62	48	65	49	70	49	74	47	78	46	75	41
P.R.....	San Juan.....	5	80	66	84	63	83	60	81	65	81	67	82	67

<sup>1</sup> City office data.

Source: Department of Commerce, Weather Bureau; records.

taken at present standard location. Eastern standard time. Hours selected to give, for most of country, Relative humidity observations were made on the half-hour prior to 1957

JULY		AUG.		SEPT.		OCT.		NOV.		DEC.		ANNUAL		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.		
90	04	91	60	90	61	87	54	84	54	86	61	87	58	Ala....	Mobile.
58	70	90	81	91	86	88	85	85	84	82	82	86	79	Alaska.	Juncun.
52	31	61	36	56	30	60	33	06	34	70	44	59	33	Ariz....	Phoenix.
84	56	87	55	86	53	85	52	81	55	82	63	83	87	Ark....	Little Rock.
84	49	84	49	79	47	70	47	00	38	61	42	75	47	Calif....	Los Angeles. 1
70.	47	73	49	75	47	77	54	85	68	89	81	82	60		Sacramento. 1
00	49	90	70	87	08	36	00	86	72	87	77	87	71		San Francisco.
93	32	67	32	63	32	62	34	60	39	59	41	64	38	Colo....	Denver.
04	55	80	55	89	57	98	57	81	57	79	62	80	56	Conn....	Hartford.
81	53	84	57	85	50	85	55	82	57	77	60	80	56	Del....	Wilmington.
77	53	81	54	82	54	82	54	77	52	72	54	75	52	D.C....	Washington.
86	57	89	50	90	02	90	57	89	55	88	58	87	55	Fla....	Jacksonville.
84	04	86	08	88	06	88	04	87	01	86	59	85	60		Miami.
87	58	87	54	87	57	86	54	80	52	80	59	83	55	Ga....	Atlanta.
74	69	75	70	75	70	76	72	78	74	78	78	70	73	Hawaii.	Honolulu.
53	34	52	34	53	30	08	49	80	66	84	76	71	53	Idaho....	Boise.
78	51	82	53	82	50	50	52	79	62	80	69	70	58	Ill....	Chicago.
84	55	88	57	86	54	84	54	82	64	83	70	83	61		Peoria.
84	55	87	55	87	53	87	53	84	04	84	71	84	60	Ind....	Indianapolis.
85	56	88	59	84	54	80	52	80	63	81	70	82	61	Iowa....	Des Moines.
80	40	78	46	76	47	81	63	74	49	78	56	79	53	Kans....	Wichita.
85	54	88	54	86	50	87	52	70	58	81	64	82	56	Ky....	Louisville.
84	63	85	63	85	02	82	50	82	60	85	60	84	02	La....	New Orleans. 1
80	58	83	58	80	61	80	50	80	65	81	62	81	61	Maine....	Portland.
71	52	74	55	76	56	74	53	72	55	71	68	71	54	Md....	Baltimore. 1
72	51	75	56	77	56	78	57	75	66	68	56	72	53	Mass....	Boston.
75	51	80	53	83	53	83	65	80	64	81	70	79	56	Mich....	Detroit.
88	61	91	62	92	67	89	66	87	70	86	78	80	63		Sault Ste. Marie.
92	64	95	66	92	64	87	62	85	75	80	74	84	65	Minn....	Duluth.
81	56	82	57	82	55	81	55	81	67	82	73	81	60		Minneapolis-St. Paul.
77	49	78	51	79	40	90	47	85	55	84	69	87	57	Miss....	Jackson.
85	60	87	58	55	55	84	57	77	58	77	63	81	59	Mo....	Kansas City.
03	36	62	38	03	48	03	47	66	57	65	59	67	50	Mont....	Great Falls.
81	52	84	56	83	52	79	50	78	57	81	65	81	57	Nebr....	Omaha.
72	26	74	26	76	32	78	42	80	54	82	67	77	44	Nev....	Reno.
80	60	86	52	88	54	86	51	84	59	79	58	80	53	N.H....	Concord.
86	50	90	63	89	59	85	57	85	57	78	58	82	56	N.J....	Atlantic City.
69	33	66	38	54	34	60	37	60	41	66	51	58	37	N.Mex.	Albuquerque.
77	61	84	52	88	56	87	55	81	63	80	65	79	57	N.Y....	Albany.
79	53	82	54	83	56	82	58	80	66	79	71	80	61		Buffalo.
76	58	78	60	78	60	75	59	73	61	72	62	73	59		New York. 1
86	55	88	55	87	55	87	51	84	51	81	66	83	52	N.O....	Charlotte.
87	56	91	58	89	58	90	54	79	52	76	54	83	53		Raleigh.
84	50	84	48	52	49	81	51	82	67	79	71	81	58	N.Dak.	Bismarck.
84	54	89	52	85	50	83	52	77	57	80	66	81	57	Ohio....	Cincinnati.
80	53	83	55	83	54	82	55	80	64	80	70	80	60		Cleveland.
83	52	85	52	87	51	86	53	82	62	82	60	82	58		Columbus.
82	53	82	40	80	50	83	55	75	48	78	59	82	57	Okla....	Oklahoma City.
84	62	86	65	88	67	91	80	89	82	83	84	87	73	Oreg....	Portland. 1
79	52	82	55	84	53	83	53	80	55	76	59	78	54		Philadelphia.
83	54	86	56	85	53	83	56	88	58	87	66	81	57	Fa....	Pittsburgh.
80	57	81	58	84	59	83	56	78	56	73	57	70	56	R.I....	Providence.
86	52	89	52	90	55	91	51	88	48	86	53	88	51	S.G....	Columbia.
83	51	85	53	80	49	75	49	74	54	75	64	78	55	S.Dak.	Stour Falls.
85	56	87	54	85	53	85	50	81	54	81	62	82	56	Tenn....	Memphis.
86	55	89	55	88	51	88	52	84	57	84	64	85	56		Nashville.
80	50	78	48	81	49	82	51	79	51	78	59	80	54	Tex....	Dallas.
59	30	63	39	56	37	58	37	56	36	61	42	53	34		El Paso.
52	28	68	59	61	59	59	56	86	58	87	64	89	60		Houston. 1
54	27	65	28	59	31	69	42	78	57	82	69	69	46	Utah....	Salt Lake City.
76	64	80	56	83	50	83	60	81	67	80	69	78	60	Vt....	Burlington.
81	55	86	62	83	61	84	62	81	55	78	55	79	57	Va....	Norfolk.
84	62	86	67	89	55	89	53	84	50	82	55	82	53		Richmond.
04	38	63	37	80	72	90	79	89	81	86	83	86	71	Wash....	Seattle. 1
88	62	92	62	69	47	82	67	86	78	88	84	77	61		Spokane.
82	60	84	60	90	52	89	63	78	54	77	60	82	55	W.Va.	Charleston.
73	35	70	35	68	37	66	39	81	66	78	70	80	63	Wis....	Milwaukee.
								02	44	61	47	69	43	Wyo....	Cheyenne. 1
81	67	82	66	83	68	85	67	86	66	87	68	83	66	P.R....	San Juan.

# NO. 243. NORMAL MONTHLY AND ANNUAL DEGREE DAYS, 65° BASE, FOR SELECTED CITIES

[Airport data unless otherwise noted. Based on standard 30-year period (1931 to 1960)]

STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala. Mobile	422	314	226	51	0	0	0	0	0	31	234	381	1,650
Alaska Juneau	1,237	1,070	1,073	810	601	381	301	338	483	725	921	1,185	9,075
Ark. Phoenix	443	302	189	57	0	0	0	0	0	16	207	384	1,598
Ark. Little Rock	756	577	434	126	9	0	0	0	9	127	465	716	3,219
Calif. Los Angeles	310	230	202	123	68	18	0	0	0	6	31	132	2,229
Calif. Sacramento	551	392	310	173	76	0	0	0	0	62	812	533	2,410
Calif. San Francisco	443	356	319	279	239	180	192	174	102	118	231	388	5,001
Colo. Denver	1,085	910	840	525	279	60	0	9	105	403	774	989	5,982
Conn. Hartford	1,190	1,042	908	519	205	33	0	12	117	394	714	1,101	6,235
Del. Wilmington	980	874	735	387	112	6	0	0	51	270	588	927	4,030
D.C. Washington	871	762	626	288	74	0	0	0	33	217	519	834	4,224
Fla. Jacksonville	332	246	174	21	0	0	0	0	0	12	144	310	1,230
Fla. Miami	74	56	19	0	0	0	0	0	0	0	0	0	65
Ga. Atlanta	636	518	428	147	26	0	0	0	18	124	417	648	2,967
Hawaii Honolulu	0	0	0	0	0	0	0	0	0	0	0	0	0
Idaho Boise	1,128	868	738	453	254	96	0	0	120	384	777	1,017	5,835
Ill. Chicago	1,208	1,030	890	477	208	42	0	0	75	316	750	1,110	6,113
Ill. Peoria	1,218	1,025	849	420	183	33	0	6	87	326	759	1,113	6,025
Ind. Indianapolis	1,113	949	809	432	177	39	0	0	90	316	723	1,051	5,699
Iowa Des Moines	1,355	1,123	930	453	180	36	0	6	96	347	813	1,194	6,542
Kans. Wichita	1,023	804	645	270	87	6	0	0	33	229	618	905	4,620
Ky. Louisville	946	818	682	315	105	9	0	0	63	257	624	905	4,724
La. New Orleans	338	232	171	18	0	0	0	0	0	0	127	276	1,182
Maine Portland	1,339	1,182	1,042	675	372	111	12	53	195	508	807	1,215	7,611
Md. Baltimore	850	702	629	288	65	0	0	0	27	189	486	806	4,111
Mass. Boston	1,088	972	846	513	208	36	0	9	60	316	603	983	5,634
Mich. Detroit	1,181	1,058	936	637	236	48	0	0	93	360	738	1,083	6,276
Mich. Sault Ste. Marie	1,541	1,394	1,293	825	493	213	109	118	204	611	981	1,383	9,255
Minn. Duluth	1,745	1,504	1,339	825	474	186	65	99	315	648	1,146	1,581	9,927
Minn. Minneapolis-St. Paul	1,631	1,375	1,159	609	279	84	16	31	186	524	1,035	1,463	8,392
Miss. Jackson	544	414	310	87	0	0	0	0	0	165	515	502	2,239
Mo. Kansas City	1,023	812	651	270	93	0	0	0	24	186	573	887	4,619
Mo. St. Louis	1,026	834	688	297	102	6	0	0	51	242	627	936	4,809
Mont. Great Falls	1,333	1,140	1,048	627	353	171	22	47	249	512	891	1,138	7,531
Nebr. Omaha	1,324	1,078	871	405	164	30	0	6	90	326	783	1,141	6,218
Nev. Reno	1,024	843	718	537	350	171	34	68	171	477	789	998	6,240
N.H. Concord	1,358	1,184	1,032	636	295	75	6	50	177	505	822	1,240	7,383
N.J. Atlantic City	936	848	741	420	133	15	0	0	39	251	549	880	4,812
N.Mex. Albuquerque	930	703	580	288	81	0	0	0	12	214	627	868	4,303
N.Y. Albany	1,311	1,156	992	564	239	45	0	19	138	440	777	1,194	6,875
N.Y. Buffalo	1,287	1,173	1,070	660	344	78	19	37	141	440	792	1,172	7,213
N.Y. New York	986	885	760	403	118	9	0	0	80	233	540	893	4,862
N.C. Charlotte	670	568	465	153	22	0	0	0	12	136	423	676	3,125
N.C. Raleigh	725	616	487	180	34	0	0	0	21	164	450	716	3,393
N.Dak. Bismarck	1,739	1,470	1,234	660	338	117	25	25	222	583	1,098	1,494	9,005
Ohio Cincinnati	970	837	701	336	118	0	0	0	54	248	612	921	4,806
Ohio Cleveland	1,159	1,033	918	552	260	66	6	28	123	415	768	1,104	6,432
Ohio Columbus	1,057	921	778	411	158	27	0	6	72	322	684	1,008	5,444
Okl. Oklahoma City	884	678	536	213	50	0	0	0	15	174	513	781	3,844
Oreg. Portland	769	594	536	351	198	78	12	18	75	267	534	879	4,190
Pa. Philadelphia	1,016	862	716	375	99	0	0	0	48	251	570	911	4,848
R.I. Providence	1,119	1,002	874	480	195	39	0	9	105	375	726	1,063	5,987
S.O. Columbia	1,110	988	868	534	236	51	0	16	96	372	660	1,023	5,954
S.Dak. Sioux Falls	670	470	357	81	0	0	0	0	0	84	345	577	2,484
Tenn. Nashville	1,644	1,285	1,082	573	270	78	19	25	168	462	972	1,361	7,830
Tenn. Memphis	713	571	440	135	16	0	0	0	15	127	432	667	3,116
Tenn. Nashville	778	644	512	189	40	0	0	0	30	158	495	732	3,578
Tex. Dallas	601	440	319	90	6	0	0	0	0	62	321	524	2,363
Tex. El Paso	654	431	319	105	0	0	0	0	0	68	384	617	2,578
Tex. Houston	663	258	174	30	0	0	0	0	0	0	165	288	1,278
Utah Salt Lake City	1,141	896	763	453	248	87	0	0	75	388	804	1,035	5,890
Vt. Burlington	1,451	1,277	1,110	654	295	66	16	43	171	508	846	1,302	7,739
Va. Norfolk	788	655	583	218	87	0	0	0	0	136	408	698	3,421
Wash. Richmond	815	703	577	246	56	0	0	0	36	202	495	784	3,914
Wash. Seattle	738	599	577	396	242	117	60	47	129	320	543	657	4,424
W. Va. Charleston	1,231	980	894	531	295	147	19	34	189	508	894	1,097	6,762
Wis. Milwaukee	893	770	659	309	102	9	0	0	66	254	576	849	4,445
Wyo. Cheyenne	1,375	1,193	1,054	642	372	135	43	47	174	471	876	1,252	7,635
Wyo. Cheyenne	1,212	1,042	1,026	702	428	150	28	37	219	543	909	1,085	7,381
P.R. San Juan	0	0	0	0	0	0	0	0	0	0	0	0	0

<sup>1</sup> City office data.

Source: Department of Commerce, Weather Bureau; records.



## Section 7

### Public Lands; Parks; and Recreation

Statistics in this section relate to the Federal public domain and other Federally owned and leased real property, national parks and forests, State and municipal parks, foreign and domestic travel, and other forms of recreation.

Public lands statistics are published primarily by the Department of the Interior, Bureau of Land Management, in the *Annual Report of the Director*. 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 compiles and issues statistics on land use and land ownership.

The National Park Service of the Department of the Interior publishes information on national parks in its annual report, *Areas Administered by the National Park Service* and its monthly report, *Public Use, National Parks and Related Areas*; and on State park systems in its annual report, *State Park Statistics*. Data for municipal parks and playgrounds, as well as for other outdoor recreational activities, have been compiled by a private agency, Resources for the Future, Inc., Washington, D.C., and published in *Statistics on Outdoor Recreation* (1958). The Forest Service collects and issues in its *Annual Report of the Chief*, figures for recreational uses of the national forests. The Fish and Wildlife Service compiles data for hunting and fishing. Figures on expenditures for recreation and on domestic and foreign travel are compiled by the Department of Commerce and appear periodically in the monthly *Survey of Current Business* and in other reports.

**Public-domain and acquired lands.**—The U.S. Government acquired sovereignty over its present land area through a series of international agreements and treaties, but did not gain title to all of this land by such agreements. At the time of acquisition of U.S. sovereignty over the areas involved (now 2,271 million acres) title to about 463 million acres rested in individual States and their political subdivisions or in private owners, and was not relinquished to the U.S. Government. Title to the remaining land area passed to the U.S. Government. This area, with the exception of lands in the District of Columbia, is known as the original public domain.

Public-domain lands or public lands refer to those Federally owned lands to which the general body of public land laws applies. In general, these lands include that portion of the original public domain not disposed of under the public land laws, and certain other lands declared by the Congress specifically to be public lands.

In addition to the original public domain, the U.S. Government has from time to time acquired, by purchase, condemnation, and gift, tracts of land needed for public purposes. Such lands are referred to as acquired lands, to distinguish them from public-domain lands.

**Indian lands.**—Indian lands refer to public-domain lands ceded to the Government by Indian tribes on condition that proceeds from their sale or other disposition would be earmarked in the Treasury as in trust for the Indians.

**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 the final certificate is issued. 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. A final certificate passes equitable title to the land to the applicant. Patents are instruments which pass legal title to the land to the applicant. Certifications are issued in lieu of patents in connection with certain State selections.

**Alaska and Hawaii.**—For a general statement concerning the treatment of data for Alaska and Hawaii, see preface. "Conterminous area" refers to the United States excluding Alaska, Hawaii, and outlying areas.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics, Colonial Times to 1957*, series J 3-9") provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

#### No. 244. ACQUISITION AND EXTENT OF PUBLIC DOMAIN OF THE UNITED STATES: 1781 TO 1960

[Areas are as computed in 1912; hence do not agree with figures in square miles shown in table 218, which includes later adjustments and reflects subsequent remeasurement. See also *Historical Statistics, Colonial Times to 1957*, series J 3-9]

ITEM	ACQUISITION OF THE ORIGINAL PUBLIC DOMAIN			Estimated area of the public domain (selected years) <sup>1</sup>
	Total area	Land area	Water area	
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Aggregate.....	1,837,762,560	1,807,681,920	30,080,640	-----
1990, estimate of public domain.....	-----	-----	-----	718,000,000
1899, estimate of public domain.....	-----	-----	-----	770,000,000
1868, estimate of public domain.....	-----	-----	-----	410,000,000
1866, estimate of public domain.....	-----	-----	-----	411,000,000
1860, estimate of public domain.....	-----	-----	-----	412,000,000
1846, estimate of public domain.....	-----	-----	-----	418,000,000
1812, estimate of public domain.....	-----	-----	-----	600,000,000
1830, estimate of public domain.....	-----	-----	-----	900,000,000
1867, Alaska Purchase.....	375,296,000	365,481,600	9,814,400	-----
1853, Gadsden Purchase.....	18,988,800	18,961,920	26,880	-----
1850, estimate of public domain.....	-----	-----	-----	1,200,000,000
1850, Purchase from Texas.....	78,926,720	78,842,880	83,840	-----
1848, Mexican Cession <sup>2</sup> .....	338,680,960	334,479,360	4,201,600	-----
1846, Oregon Compromise.....	183,386,240	180,644,480	2,741,760	-----
1819, Cession from Spain.....	46,144,640	43,342,720	2,801,920	-----
Red River Basin <sup>3</sup> .....	29,601,920	29,066,880	535,040	-----
1803, Louisiana Purchase <sup>4</sup> .....	629,911,680	623,446,400	6,465,280	-----
1802, estimate of public domain.....	-----	-----	-----	200,000,000
1781-1802 (State Cessions).....	236,825,600	233,415,680	3,409,920	-----

<sup>1</sup> Estimated from imperfect data available for indicated years. Beginning 1959, includes Alaska.

<sup>2</sup> Data for Louisiana Purchase exclude areas eliminated by Treaty of 1819 with Spain. Such areas are included in figures for Mexican Cession.

<sup>3</sup> Includes 33,920 acres subsequently recognized as part of State of Texas which is not a public domain State.

<sup>4</sup> Represents drainage basin of Red River of the North, south of 49th parallel. Authorities differ as to method and exact date of its acquisition. Some hold it as part of Louisiana Purchase, others maintain it was acquired from Great Britain.

Source: Department of 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. 245. TOTAL LAND AND FEDERALLY OWNED LAND AND BUILDINGS, BY ACQUISITION AND COST, 1955 TO 1961, AND BY STATES, 1961**

[Land in thousands of acres; cost in millions of dollars. As of June 30. Beginning 1959, includes Alaska, except as noted, and beginning 1960, includes Hawaii]

STATE	LAND						FEDERALLY OWNED BUILDINGS		
	Total	Not owned by Federal Government	Owned by Federal Government				Number	Cost	
			Total <sup>1</sup>		Public domain	Acquired by other methods			Cost <sup>2</sup>
			Acres	Percent					
1955.....	1,903,825	1,495,929	407,896	21.4	357,210	50,686	2,369	384,916	14,475
1957.....	1,903,825	1,495,272	408,553	21.5	358,657	49,896	2,512	336,545	15,491
1958.....	1,903,825	1,495,684	408,191	21.4	358,342	49,849	2,552	351,059	16,213
1959.....	2,269,306	1,500,666	768,640	33.8	718,642	49,998	2,752	369,995	17,524
1960.....	2,273,407	1,501,894	771,512	33.9	720,004	51,508	2,956	405,443	19,916
1961									
Total.....	2,271,343	1,503,577	767,766	33.8	710,877	56,889	3,146	421,360	21,265
Ala.....	32,678	31,596	1,080	3.3	62	1,018	53	8,588	433
Alaska.....	305,482	4,315	361,167	98.8	361,150	17	1	9,204	954
Ariz.....	72,688	42,808	29,880	41.1	29,585	295	10	9,922	224
Ark.....	33,699	30,558	3,142	9.1	1,075	1,907	56	5,130	233
Calif.....	100,207	50,504	49,703	49.0	42,499	7,204	347	58,414	2,249
Colo.....	66,486	42,704	23,781	35.8	22,781	1,001	34	7,060	401
Conn.....	3,135	3,129	7	0.2	7	7	18	988	116
Del.....	1,266	1,235	31	2.5	31	31	5	953	67
D.C.....	39	28	11	27.5	11	11	132	2,092	536
Fla.....	34,721	31,350	3,372	9.7	304	3,068	42	13,598	525
Ga.....	37,295	35,256	2,040	5.5	2,040	2,040	88	13,678	475
Hawaii.....	4,106	3,840	266	6.5	266	266	22	13,740	433
Idaho.....	52,933	18,992	33,941	64.1	33,206	735	24	4,280	131
Ill.....	35,795	35,364	431	1.2	1	431	70	7,772	684
Ind.....	23,158	22,818	340	1.5	(4)	340	25	6,359	329
Iowa.....	35,860	35,731	130	0.4	(4)	130	16	1,072	114
Kans.....	52,511	52,125	385	0.7	27	350	45	7,776	409
Ky.....	25,512	24,476	1,036	4.1	27	1,036	96	7,764	456
La.....	28,868	27,813	1,055	3.7	1,028	1,028	38	5,883	256
Maine.....	19,848	19,721	127	0.6	127	127	7	3,219	196
Md.....	6,319	6,137	182	2.9	182	182	36	12,678	768
Mass.....	5,035	4,979	56	1.1	56	56	54	6,839	474
Mich.....	36,492	33,247	3,245	8.9	290	2,955	24	5,107	305
Minn.....	51,206	47,842	3,363	6.6	1,449	1,914	16	2,109	117
Miss.....	30,223	28,708	1,515	5.0	8	1,507	45	4,107	148
Mo.....	44,248	42,557	1,691	3.8	3	1,688	52	7,630	422
Mont.....	93,271	65,563	27,708	29.7	25,257	2,451	20	5,602	112
Nebr.....	49,032	48,321	711	1.5	251	460	24	3,412	180
Nev.....	70,204	9,070	60,594	86.2	60,124	471	4	5,241	111
N.H.....	5,769	5,066	703	12.2	703	703	16	1,065	60
N.J.....	4,813	4,711	102	2.1	102	102	45	9,432	516
N. Mex.....	77,766	52,212	25,554	32.9	24,288	1,266	15	12,236	493
N.Y.....	30,681	30,458	223	0.7	223	223	124	10,818	989
N.C.....	31,403	29,509	1,894	6.0	1,894	1,894	63	15,263	425
N. Dak.....	44,452	42,480	1,973	4.4	211	1,761	68	1,553	84
Ohio.....	26,222	26,014	208	0.8	(4)	208	70	5,650	217
Okl.....	44,088	42,902	1,186	2.7	176	1,009	88	7,522	899
Oreg.....	61,590	29,586	32,013	52.0	30,409	1,543	198	5,607	100
Pa.....	28,804	28,229	575	2.0	575	575	103	7,060	597
R.I.....	677	669	8	1.1	8	8	7	2,524	133
S.C.....	19,374	18,245	1,129	5.8	1,129	1,129	54	9,172	531
S. Dak.....	48,982	45,531	3,351	6.9	1,605	1,746	97	3,036	109
Tenn.....	26,728	25,182	1,545	5.8	1,545	1,545	203	5,940	690
Tex.....	168,218	165,514	2,704	1.6	2,704	2,704	212	30,293	1,162
Utah.....	52,697	17,237	35,460	67.3	34,959	501	17	4,191	202
Vt.....	5,937	5,684	253	4.3	253	253	8	433	19
Va.....	25,496	23,392	2,104	8.4	2,134	2,134	119	19,550	1,000
Wash.....	42,694	30,149	12,545	29.4	11,143	1,402	162	18,789	840
W. Va.....	15,411	14,400	950	6.2	950	950	31	1,242	112
Wis.....	35,011	33,228	1,783	5.1	20	1,763	18	3,729	148
Wyo.....	62,343	31,758	30,585	49.1	29,907	679	13	3,638	90

<sup>1</sup> Excludes trust properties.

<sup>2</sup> Excludes valuation for public domain lands for which there are no costs.

<sup>3</sup> Excludes Department of Defense military functions in Alaska.

<sup>4</sup> Less than 500 acres.

Source: General Services Administration; annual report, *Inventory Report on Real Property Owned by the United States Throughout the World*.

## No. 246. OWNERSHIP OF LAND, BY CLASS: 1954 AND 1959

[Land in millions of acres. Excludes Alaska and Hawaii. Compiled from State and Federal reports and records. See also table 356. See also *Historical Statistics, Colonial Times to 1957*, series J 65 and J 75]

CLASSES	1954		1959	
	Land	Percent	Land	Percent
Total.....	1,904	100.0	1,902	100.0
Private land <sup>1 2</sup>	1,345	70.6	1,343	70.8
Private land assessed as acreage for taxation.....	1,328	69.7	(3)	(3)
Urban areas assessed as lots.....	12	0.6	(3)	(3)
Areas not assessed (estimated).....	5	0.3	(3)	(3)
Indian land.....	56	3.0	54	2.7
Public land <sup>2</sup>	504	26.4	505	26.5
Federal land <sup>1</sup>	405	21.3	407	21.3
State land.....	81	4.2	80	4.2
County and municipal land (estimated).....	18	0.9	18	1.0

<sup>1</sup> Comprises land owned by individuals, partnerships, and corporations.

<sup>2</sup> Highway and road rights-of-way are partly covered in public land areas and partly in private land areas.

<sup>3</sup> Not available.

<sup>4</sup> Source: General Services Administration.

Source: Department of Agriculture, Economic Research Service.

No. 247. FEDERAL REAL PROPERTY—LAND, BUILDINGS, AND COST, BY AGENCY:  
1960 AND 1961

[As of June 30. Covers Federally owned real property throughout world. Minus sign (—) denotes decrease]

AGENCY	LAND (1,000 acres)			FLOOR AREA OF BUILDINGS (1,000 sq. ft.)			TOTAL COST OF LAND, BUILDINGS, STRUCTURES, AND FACILITIES (\$1,000,000)		
	1960	1961	Net change	1960	1961	Net change	1960	1961	Net change
Total.....	772,048	768,234	-3,764				52,618	55,979	3,361
Agriculture.....	186,053	180,575	-522	20,356	20,020	-264	1,061	1,230	168
Atomic Energy Commission.....	2,088	2,106	18	74,201	73,919	-281	3,167	3,246	79
Commerce.....	8	9	2	10,176	10,145	-31	175	175	(1)
Defense.....	29,810	27,846	-1,963	1,928,832	1,964,076	35,245	36,706	39,244	2,538
Army.....	8,546	8,485	-61	790,054	786,675	-3,378	9,687	10,228	541
Air Force.....	12,487	10,323	-2,164	564,351	504,477	-40,126	12,935	14,056	1,121
Navy.....	3,605	3,075	-70	563,129	561,010	-1,219	9,281	9,689	408
Corps of Engineers, civil functions.....	5,173	5,364	191	11,378	11,094	-284	4,803	5,271	468
General Services Administration.....	25	13	-12	121,992	131,305	9,313			
Housing and Home Finance Agency.....	1	1	(1)				1,326	1,451	125
Interior.....	552,639	550,304	-2,335	1,112	1,026	-86			
Post Office.....	2	2		41,702	43,120	1,418	17	12	-5
Tennessee Valley Authority.....	690	696	-1	46,786	47,114	328	4,566	4,765	198
Treasury.....	86	81	-5				491	507	15
Veterans Administration.....	29	28	-1	2,794	2,889	95	1,753	1,818	65
Other.....	612	624	11	14,231	13,993	-236	221	232	11
				114,796	115,031	235	1,196	1,216	20
				68,103	72,715	4,612	1,937	2,083	146

<sup>1</sup> Less than 500.

<sup>2</sup> Excludes floor area pertaining to Department of Defense military functions outside conterminous United States.

Source: General Services Administration; annual report, *Inventory Report on Real Property Owned by the United States Throughout the World*.

# No. 248. FEDERAL REAL PROPERTY—LAND, BUILDINGS, AND COST, BY AGENCY AND LOCATION: 1961

(As of June 30)

AGENCY	LAND (1,000 ACRES)			Number of buildings	COST (\$1,000,000)			
	Total	Urban	Rural		Total	Land	Buildings	Structures and facilities
<b>Total</b> .....	768,284				55,979			
<b>Inside U.S.:</b> .....	767,766	1,314	766,453	421,360	49,655	3,146	21,265	25,245
Agriculture.....	186,542	1	186,540	22,808	1,227	101	109	927
Atomic Energy Comm.....	2,106	115	1,991	6,956	3,242	74	1,041	1,228
Commerce.....	9	2	7	986	175	27	64	84
Defense.....	27,762	1,126	26,636	335,657	33,845	1,829	15,382	16,633
Army.....	8,468	234	8,234	143,615	9,327	225	5,331	3,772
Air Force.....	10,285	115	10,171	102,225	10,848	178	5,783	4,887
Navy.....	3,645	739	2,906	84,488	8,399	283	4,187	3,920
Corps of Engineers, civil functions.....	5,364	38	5,325	5,329	5,270	1,143	81	4,046
General Services Admin.....	13	8	5	2,422	1,461	209	1,174	68
Housing and Home Finance Agency.....	1	1	(2)	276	12	1	4	7
Interior.....	550,278	30	550,248	30,686	4,754	401	284	4,099
Post Office.....	2	2	(2)	3,040	505	101	403	
Tenn. Valley Authority.....	696	(2)	695	707	1,818	188	18	1,613
Treasury.....	81	6	75	3,931	220	11	116	93
Veterans Administration.....	28	15	13	7,272	1,215	38	1,014	133
Other.....	250	5	242	6,617	1,191	74	755	352
<b>Outside U.S.</b> .....	518				6,324			
In outlying areas.....	513				1,838			
Civilian agencies.....	420			4,208	677	26	106	545
Defense—military functions.....	85			(3)	1,161	(3)	(3)	(3)
Army.....	10			(3)	140	(3)	(3)	(3)
Navy.....	30			(3)	680	(3)	(3)	(3)
Air Force.....	36			(3)	341	(3)	(3)	(3)
Defense—Corps of Engineers, civil functions.....	(2)			20	1	(2)	1	(2)
In foreign countries.....	4				4,486	(3)	(3)	(3)
Civilian agencies.....	4			2,269	248	51	158	38
Defense military functions.....	(3)			(3)	4,233	(3)	(3)	(3)
Army.....	(3)			(3)	761	(3)	(3)	(3)
Navy.....	(3)			(3)	610	(3)	(3)	(3)
Air Force.....	(3)			(3)	2,867	(3)	(3)	(3)

<sup>1</sup> Includes Alaska and Hawaii.      <sup>2</sup> Less than 500 acres.

<sup>3</sup> Data not furnished by Department of Defense for its military functions outside the United States.

## No. 249. FEDERALLY OWNED LAND, BY PREDOMINANT USAGE, BY AGENCY: 1961 [In thousands of acres. As of June 30. Includes Alaska and Hawaii]

AGENCY	Forest and wildlife	Grazing	Military, except air-fields	Parks and historic sites	Reclamation and irrigation	Flood control and navigation	Power development and distribution	Air-fields	Other
<b>Total</b> .....	512,036	166,440	17,068	22,392	7,916	5,674	1,864	2,447	31,879
Agriculture.....	166,598	19,295		(1)					648
Atomic Energy Commission.....									2,106
Defense.....			17,067			4,840	521	2,351	2,083
Army.....			6,575					5	1,886
Air Force.....			7,519					1,915	850
Navy.....			2,973					430	242
Corps of Engineers, civil functions.....						4,840	521		3
General Services Administration.....		1		(1)		(1)		(1)	13
Interior.....	345,487	147,144	(1)	22,391	7,916	23	1,318		25,997
Tennessee Valley Authority.....			(1)		(1)	661	26		9
Other.....						150		97	123

<sup>1</sup> Less than 500 acres.

Source of tables 248 and 249: General Services Administration; annual report, *Inventory Report on Real Property Owned by the United States Throughout the World*.

# No. 250. FEDERAL REAL PROPERTY—LAND AND BUILDINGS OWNED AND LEASED AND ANNUAL RENTAL ON LEASED PROPERTY, BY LOCATION AND FUNCTION: 1961

[As of June 30]

LOCATION AND FUNCTION	LAND (1,000 acres)			FLOOR AREA OF BUILDINGS (1,000 sq. ft.)			LEASED PROPERTY	
	Total	Federally owned	Leased	Total	Federally owned	Leased	Number of leases	Annual rental (\$1,000)
<b>Total, worldwide</b> .....	770,078	768,234	1,794	(1)	(1)	(1)	(1)	193,359
Civil agencies.....	740,528	740,438	90	634,889	631,881	103,008	41,564	158,005
Defense:								
Military functions.....	24,165	22,483	1,682	(1)	(1)	(1)	(1)	34,794
Civil functions.....	5,385	5,363	22	11,399	11,094	305	240	560
<b>In United States<sup>1</sup></b> .....	769,459	767,766	1,693	2,568,754	2,467,159	101,595	48,124	160,180
Civil agencies.....	740,091	740,005	86	594,583	503,083	91,500	37,565	140,144
Defense:								
Military functions.....	23,983	22,398	1,585	1,902,852	1,953,062	9,790	10,319	19,476
Civil functions.....	5,385	5,363	22	11,319	11,014	305	240	560
<b>In outlying areas of United States</b> .....	517	513	4	(1)	(1)	(1)	(1)	720
Civil agencies.....	430	428	2	14,397	13,994	403	263	609
Defense:								
Military functions.....	87	85	2	(1)	(1)	(1)	(1)	111
Civil functions.....				80	80			
<b>In foreign countries</b> .....	102	4	97	(1)	(1)	(1)	(1)	32,469
Civil agencies.....	7	4	2	25,008	14,804	11,104	3,736	17,252
Defense; Military functions.....	95		95	(1)	(1)	(1)	(1)	15,207

<sup>1</sup> Not available.<sup>2</sup> Includes Alaska and Hawaii.Source: General Services Administration; annual report, *Inventory Report on Real Property Leased to the United States Throughout the World*.

## No. 251. DISPOSAL OF PUBLIC LANDS: 1901 TO 1961

[For years ending June 30. Data include Alaska, except where noted. Period figures are totals, not averages. See also *Historical Statistics, Colonial Times to 1957*, series J 11-18]

PERIOD OR YEAR	Cash receipts of Bureau of Land Management <sup>1</sup>	Land granted to States <sup>2</sup>	ALL ENTRIES, SELECTIONS, PATENTS, ETC. <sup>3</sup>			HOMESTEAD ENTRIES, EXCEPT ON CEDED INDIAN LANDS		
			All original entries and selections <sup>4</sup>	All final entries	Patents and certifications	Original entries		Final entries <sup>5</sup>
						Number	Acreage	
	1,000 dollars	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Number	1,000 acres	1,000 acres
1901-1910.....	94,095	20,300	196,841			831,841	130,737	38,819
1911-1920.....	67,023	6	156,403	9,778	13,327	554,026	123,826	74,316
1921-1930.....	104,454	409	61,231	45,513	66,358	172,503	53,460	40,391
1931-1940.....	57,984	478	10,200	14,243	18,350	44,554	15,925	13,017
1941-1945.....	58,428		404	1,057	3,350	1,233	159	764
1946-1950.....	141,464		496	438	1,726	2,456	306	156
1951-1955.....	487,482		1,101	1,029	2,081	2,250	289	220
1956-1960.....	902,014		2,075	1,353	3,466	3,899	501	233
1965.....	239,549		251	250	539	482	60	37
1966.....	154,781		151	267	629	455	57	40
1967.....	112,050		180	270	561	662	79	64
1968.....	127,885		146	257	915	524	70	43
1969.....	136,721		303	280	850	1,181	147	41
1960.....	371,068		1,295	270	511	1,077	148	45
1961.....	150,246		2,210	451	482	615	77	39

<sup>1</sup> Comprises receipts from such sources as following: Sales of public and ceded Indian lands; fees and commissions; mineral rentals, royalties, and bonuses; sales of timber; grazing fees and rentals; and land rentals. For periods prior to 1901, receipts were \$340,821,000.<sup>2</sup> Excludes data for Alaska. As of June 30, 1961, process of legal adjudication had not yet been completed for all grants, so small change in data for certain years may occur. For period 1802-1900, total land granted to States was 156,044,000 acres. Includes grants for such public purposes as following: Educational, penal, and other public institutions and buildings; bridges, reservoirs, and other internal improvements; reclamation of swamp and arid lands; experiment stations; recreation areas; wildlife and forestry areas; military camps; and payments of bonds issued by local governments. Excludes grants to aid in construction of railroads, wagon roads, canals, and river improvements, or acreage of swamplands left to States, for which States received indemnity in cash.<sup>3</sup> Includes homesteads. <sup>4</sup> Includes some classes of final entries and patents prior to 1911.<sup>5</sup> Excludes commuted homesteads. <sup>6</sup> 1920 only.Source: Department of the Interior, Bureau of Land Management; *Annual Report of the Director* (Statistical Appendix), and records.

## No. 252. RECEIPTS FROM THE DISPOSITION OF PUBLIC LANDS: 1947 TO 1961

[In thousands of dollars. For years ending June 30. Includes Alaska]

YEAR	Total	Sales of public lands	Sales of timber	Fees and commissions	Mineral leases <sup>1</sup>	Outer Continental Shelf leases <sup>2</sup>	Miscellaneous
1947.....	21,012	148	3,033	71	15,122	-----	2,637
1948.....	33,286	252	4,074	151	24,351	-----	3,353
1949.....	37,149	476	3,911	255	28,971	-----	3,533
1950.....	36,177	456	4,292	393	26,971	-----	4,060
1951.....	49,082	519	7,774	374	34,951	-----	5,464
1952.....	64,518	680	9,554	323	41,884	-----	11,562
1953.....	66,846	1,025	13,812	439	43,632	-----	8,038
1954.....	77,487	1,218	13,420	593	62,490	-----	9,767
1955.....	230,549	1,926	24,951	735	50,961	142,405	9,571
1956.....	154,781	2,288	24,015	848	61,586	53,788	11,300
1957.....	112,059	3,427	21,449	1,015	72,285	2,200	11,075
1958.....	127,335	3,029	24,047	1,184	81,365	3,461	13,709
1959.....	136,721	4,239	31,751	1,269	83,534	3,412	12,519
1960.....	371,068	5,100	36,359	1,793	34,091	229,457	14,261
1961.....	159,240	4,250	32,126	2,478	89,203	7,305	23,886

<sup>1</sup> Act of Feb. 25, 1920.<sup>2</sup> Excludes \$355,796,296 deposited in the Outer Continental Shelf escrow accounts pending Supreme Court decision.Source: Department of the Interior, Bureau of Land Management; *Annual Report of the Director* (Statistical Appendix).

## No. 253. PUBLIC LAND, HOMESTEAD ENTRIES—ACREAGE, BY STATES: 1931 TO 1961

[For years ending June 30. See text, pp. 191 and 192. See also *Historical Statistics, Colonial Times to 1967*, series J 17-18]

ITEM AND STATE	1931-1935, total	1936-1940, total	1941-1945, total	1946-1950, total	1951-1955, total	1956-1960, total	1960	1961
<b>Original entries, total.....</b>	<b>15,266,771</b>	<b>659,350</b>	<b>158,567</b>	<b>305,839</b>	<b>288,906</b>	<b>501,032</b>	<b>147,317</b>	<b>77,345</b>
Alaska.....	88,659	58,718	59,559	171,759	178,285	393,678	142,569	73,320
Arizona.....	1,124,034	39,010	8,199	8,134	8,088	1,320	430	-----
Arkansas.....	143,298	( <sup>2</sup> )	-----	-----	160	-----	-----	40
California.....	909,626	22,127	2,391	25,064	2,520	1,372	40	-----
Colorado.....	1,028,298	58,501	7,533	10,503	12,582	1,870	-----	-----
Florida.....	19,554	( <sup>2</sup> )	-----	-----	320	40	-----	-----
Idaho.....	694,481	56,757	16,020	15,026	23,866	72,148	400	150
Louisiana.....	-----	-----	-----	-----	-----	-----	-----	37
Minnesota.....	4,947	( <sup>2</sup> )	-----	-----	-----	-----	-----	-----
Montana.....	1,384,138	84,102	17,871	644	989	643	-----	-----
Nebraska.....	117,408	( <sup>2</sup> )	-----	-----	-----	-----	-----	-----
Nevada.....	97,670	1,832	1,812	2,314	18,203	12,595	1,200	3,158
New Mexico.....	4,397,629	94,337	13,817	1,378	1,618	2,236	1,040	320
North Dakota.....	79,162	1,860	875	( <sup>2</sup> )	-----	-----	-----	-----
Oregon.....	561,227	50,063	3,373	1,898	550	748	320	-----
South Dakota.....	220,993	7,695	( <sup>2</sup> )	-----	-----	-----	-----	-----
Utah.....	609,755	26,811	12,050	32,081	41,893	11,796	1,229	150
Washington.....	67,364	2,733	320	2,435	332	500	320	100
Wyoming.....	3,894,074	125,425	2,604	30,077	565	1,958	319	-----
Bureau of Land Management <sup>1</sup> .....	94,395	20,579	11,453	3,026	4,034	178	-----	-----
<b>Final entries <sup>4</sup>.....</b>	<b>6,233,399</b>	<b>6,783,129</b>	<b>764,204</b>	<b>156,904</b>	<b>220,458</b>	<b>178,409</b>	<b>43,184</b>	<b>38,944</b>

<sup>1</sup> 1931 to 1933.<sup>2</sup> For States no longer having local offices, entries, if any, included with Bureau of Land Management.<sup>3</sup> Includes entries of abandoned military reservations.<sup>4</sup> Excludes commuted homesteads and ceded Indian lands.Source: Department of the Interior, Bureau of Land Management; *Annual Report of the Director* (Statistical Appendix).

## No. 254. VACANT PUBLIC LANDS—ACREAGE, BY STATES: 1900 TO 1961

[In thousands. As of June 30. 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 cover vacant public lands outside Alaska withdrawn for classification in furtherance of Taylor Grazing Act and for conservation and development of natural resources. See also *Historical Statistics, Colonial Times to 1937*, series J 10, for U.S. totals excluding Alaska]

STATE	1900 <sup>1</sup>	1910	1920	1930	1940 <sup>2</sup>	1950 <sup>2</sup>	1960 <sup>2</sup>	1961 <sup>2</sup>
<b>Total</b> .....	917,136	711,987	553,102	527,145	502,826	446,408	437,879	441,095
Alabama.....	359	108	37	( <sup>3</sup> )	16	27	3	3
Alaska.....	359,493	368,015	352,782	348,166	323,000	270,000	270,200	272,791
Arizona.....	50,287	41,491	18,269	15,181	13,869	12,545	12,442	12,436
Arkansas.....	3,493	513	277	191	130	134	3	3
California.....	42,468	24,865	19,586	16,023	16,960	16,300	15,073	15,636
Colorado.....	39,650	21,726	8,941	8,027	7,937	8,070	8,090	8,082
Florida.....	1,506	453	120	19	14	23	1	1
Idaho.....	43,287	24,744	8,805	10,618	11,879	10,858	11,652	11,672
Indiana.....						( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Kansas.....	1,197	137	4	( <sup>5</sup> )	3	3	1	1
Louisiana.....	442	89	14	( <sup>5</sup> )	6	7	11	9
Michigan.....	430	108	74	( <sup>5</sup> )	10	10	5	5
Minnesota.....	4,096	1,503	256	190	238	93	58	53
Mississippi.....	280	47	33	( <sup>5</sup> )	13	17	4	3
Missouri.....	338	3	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	1	( <sup>5</sup> )	( <sup>5</sup> )
Montana.....	67,993	36,016	5,974	6,602	6,460	6,773	6,385	6,378
Nebraska.....	9,799	1,879	67	23	29	25	6	6
Nevada.....	61,278	56,475	54,267	51,454	51,144	47,158	46,027	46,589
New Mexico.....	59,541	39,455	18,449	15,694	15,095	14,503	13,123	13,057
North Dakota.....	18,725	1,410	81	147	108	90	79	79
Oklahoma.....	5,734	5	7	( <sup>5</sup> )	23	25	23	23
Oregon.....	34,378	17,581	14,007	13,069	12,774	13,298	13,153	13,095
South Dakota.....	11,931	4,563	288	279	290	290	272	271
Utah.....	42,967	35,956	20,992	23,881	25,734	23,033	24,097	24,245
Washington.....	11,126	3,196	1,087	921	577	487	365	333
Wisconsin.....	314	14	5	( <sup>5</sup> )	6	6	2	2
Wyoming.....	48,358	34,675	10,680	15,929	15,907	16,615	16,198	16,322

<sup>1</sup> Exclusive of Cherokee Strip, containing 8,004,644 acres, and all other lands owned or claimed by Indians in Indian Territory west of ninety-sixth degree of longitude.

<sup>2</sup> Includes acreage of public lands within grazing districts, as follows: 1940, 131,926,135; 1950, 134,874,876; 1960, 141,044,850; 1961, 142,819,760. <sup>3</sup> Data not tabulated. <sup>4</sup> Less than 500 acres.

Source: Department of the Interior, Bureau of Land Management; *Annual Report of the Director* (Statistical Appendix), and records.

## No. 255. PUBLIC AND INDIAN LAND, ENTRIES UNDER ALL ACTS—ACREAGE, BY STATES: 1936 TO 1961

[For years ending June 30. See text, pp. 191 and 192. See also *Historical Statistics, Colonial Times to 1957*, series J 13-15]

CLASS AND STATE	ORIGINAL ENTRIES						Final entries, 1961	Patented, 1961
	1936-1940, total	1941-1945, total	1946-1950, total	1951-1955, total	1956-1960, total	1960	1961	
<b>Total</b> .....	1,036,849	404,409	496,287	1,100,665	2,075,680	1,295,499	2,210,942	451,055
Public land.....	987,684	400,230	480,487	1,092,480	2,075,680	1,295,499	2,210,942	451,055
Indian land.....	49,165	4,169	15,800	8,184				8,917
All homesteads.....	708,410	162,736	321,638	207,090	501,092	147,917	77,345	57,461
Stock-raising.....	472,920	25,488	3,192	2,515				
Other entries.....	328,439	241,673	174,649	803,574	1,574,588	1,147,582	2,133,597	393,594
Alaska.....	59,034	66,695	171,810	178,285	1,358,048	1,103,219	1,932,785	242,526
Arizona.....	80,874	25,157	43,832	61,814	187,648	83,093	55,770	17,013
California.....	206,426	89,631	59,572	112,097	40,638	7,774	8,790	35,750
Colorado.....	107,878	10,208	45,484	63,435	22,379	80	6,629	13,024
Idaho.....	57,488	21,673	32,543	219,567	178,416	23,609	28,622	40,895
Montana.....	84,419	20,920	1,802	1,524	4,408	2,630	52	12,278
Nevada.....	2,831	7,851	0,900	307,922	157,329	36,829	119,222	20,375
New Mexico.....	176,942	39,435	4,733	12,350	17,167	4,015	2,921	80,801
Oregon.....	53,878	5,126	2,068	22,353	12,728	704	7,343	5,911
Utah.....	27,091	99,689	71,960	76,403	23,972	1,530	3,777	0,464
Washington.....	8,333	780	5,104	750	40,342	22,402	29,833	1,588
Wyoming.....	138,074	9,830	47,175	18,763	31,990	9,531	2,053	14,744
Other States.....	35,081	13,514	3,298	5,412	616	277	12,545	9,080

Source: Department of the Interior, Bureau of Land Management; *Annual Report of the Director* (Statistical Appendix).



## Public and Indian Land

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## No. 256. PUBLIC AND INDIAN LAND, ENTRIES AND PATENTS—ACREAGE: 1959 TO 1961

[For years ending June 30. Data include Alaska. See also *Historical Statistics, Colonial Times to 1867*, series J 13-15, for grand totals for earlier years]

CLASS	1959			1960			1961		
	Original entries	Final entries	Patented entries	Original entries	Final entries	Patented entries	Original entries	Final entries	Patented entries
<b>Total</b> .....	302,916	279,892	850,083	1,295,499	270,313	511,558	2,210,942	451,055	481,785
Homesteads.....	146,767	41,507	40,816	147,017	45,097	43,845	77,345	57,461	58,929
Enlarged.....	3,399	4,759	5,278	1,709	3,376	3,254	160	3,668	4,492
Reclamation.....	8,099	21,601	19,051	639	25,922	23,734	310	28,276	27,840
Sec. 2289, original act, et al.....	135,269	15,248	16,486	145,569	15,799	16,857	76,375	25,517	26,597
Deserts.....	41,707	33,603	42,641	53,868	39,601	40,215	93,708	41,071	39,720
Public auction.....	-----	119,563	120,096	-----	93,077	99,225	-----	65,523	63,842
State selection.....	93,526	-----	114,733	1,007,688	-----	139,018	1,844,268	216,299	1187,318
Mineral.....	8,229	15,283	16,024	64,011	29,411	38,015	30,805	17,427	16,193
Exchange.....	-----	-----	411,134	-----	-----	164,689	35,938	-----	42,335
Miscellaneous.....	12,687	64,936	105,639	22,015	63,127	96,551	128,878	53,274	73,448

<sup>1</sup> Includes certifications: 1959, 86,212 acres; 1960, 80,268 acres; 1961, 118,166 acres.Source: Department of the Interior, Bureau of Land Management; *Annual Report of the Director* (Statistical Appendix).

## No. 257. INDIAN LANDS UNDER JURISDICTION OF BUREAU OF INDIAN AFFAIRS—ACREAGE, BY STATES: 1900 TO 1961

[In thousands]

STATE	1900	1920	1940	1960 <sup>1</sup>	1961 <sup>1</sup>			
					Total	Trust allotted	Tribal	Government owned
<b>Total</b> .....	78,372	71,399	55,406	58,076	57,107	<sup>2</sup> 11,958	40,538	4,611
Alaska.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	4,168	4,169	0	88	4,072
Arizona.....	15,151	18,653	19,225	21,515	21,515	260	21,231	24
California.....	400	517	667	558	558	67	491	( <sup>5</sup> )
Colorado.....	484	469	667	752	753	5	747	1
Florida.....	23	24	61	79	79	-----	79	-----
Idaho.....	1,365	683	818	835	835	394	399	42
Iowa.....	3	3	3	4	4	-----	4	( <sup>5</sup> )
Kansas.....	28	273	36	29	29	27	2	( <sup>5</sup> )
Louisiana.....	-----	-----	-----	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	-----
Michigan.....	8	153	27	22	21	9	8	4
Minnesota.....	1,567	1,609	563	756	756	56	671	29
Mississippi.....	-----	-----	9	16	16	( <sup>5</sup> )	16	( <sup>5</sup> )
Missouri.....	-----	-----	-----	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	-----	-----
Montana.....	9,501	6,054	6,455	5,457	5,406	3,681	1,697	128
Nebraska.....	75	300	76	68	67	<sup>2</sup> 53	14	( <sup>5</sup> )
Nevada.....	954	741	1,127	1,152	1,150	80	1,062	8
New Mexico.....	1,667	4,697	7,153	6,542	6,544	649	5,816	79
New York.....	88	88	-----	-----	-----	-----	-----	-----
North Carolina.....	98	63	57	56	56	-----	56	( <sup>5</sup> )
North Dakota.....	3,702	2,105	1,036	879	878	746	125	7
Oklahoma.....	26,397	19,552	2,844	1,855	1,795	<sup>2</sup> 1,701	59	35
Oregon.....	1,300	1,718	1,737	1,238	695	108	496	1
South Carolina.....	-----	-----	-----	3	3	-----	3	-----
South Dakota.....	8,992	6,686	5,865	5,064	5,018	2,987	1,891	140
Texas.....	-----	-----	-----	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	-----	-----
Utah.....	2,039	1,641	1,693	2,125	2,116	74	2,042	( <sup>5</sup> )
Washington.....	2,334	2,719	2,740	2,591	2,567	744	1,823	( <sup>5</sup> )
Wisconsin.....	381	590	445	422	188	88	60	40
Wyoming.....	1,810	2,102	2,013	1,890	1,880	130	1,758	1

<sup>1</sup> Taxable lands generally excluded.<sup>2</sup> Includes taxable land as follows: 36,112 acres for Nebraska and 300,385 acres for Oklahoma.<sup>3</sup> Not available.<sup>4</sup> Excludes 485,578 acres of land in litigation lost to Atchison, Topeka, and Santa Fe Railroad.<sup>5</sup> Less than 500 acres.Source: Department of the Interior, Bureau of Indian Affairs; *Annual Report*, and records.

# **No. 258. PUBLIC LANDS—LEASES, PERMITS, AND LICENSES OUTSTANDING, BY CLASS:** 1961

[As of June 30. Data include Alaska. For oil and gas leases for earlier years, see also *Historical Statistics, Colonial Times to 1967*, series J 32-33]

CLASS	Number	Acres	CLASS	Number	Acres
Mineral class <sup>1</sup> .....	134,814	105,060,075	Licenses.....	16	610
Leases.....	133,445	102,458,173	Coal.....	16	610
Oil and gas <sup>1</sup> .....	132,808	101,944,149	Other classes <sup>1</sup> .....	( <sup>3</sup> )	19,264,005
Barite.....	1	440	Leases.....	14,189	18,487,791
Coal.....	306	230,585	Grazing, Taylor Act.....	9,492	16,000,277
Manganese.....	1	302	Grazing, Alaska.....	68	1,401,405
Potash.....	102	164,002	Grazing, Oregon and California.....	210	411,646
Phosphate.....	81	58,919	Fur farm, Alaska.....	3	2,160
Sodium.....	43	55,011	Aviation.....	49	23,901
Silica sands.....	3	641	Mineral or medicinal spring.....	4	401
Thorium.....	1	333	Recreational.....	102	13,032
Tungsten.....	5	1,440	Water well.....	6	673
Uranium.....	4	1,851	Campsite.....	2	90
Permits <sup>1</sup> .....	1,353	2,601,292	Small tract.....	4,233	14,206
Coal.....	147	256,489	Permits <sup>1</sup> .....	( <sup>3</sup> )	796,214
Copper, nickel, and uranium.....	18	14,254	Special land use.....	( <sup>3</sup> )	796,214
Gravel.....	2	115			
Phosphate.....	391	689,568			
Potash.....	795	1,641,866			
Sodium.....					

<sup>1</sup> Excludes the following on acquired lands: Oil and gas, 6,341 leases (4,398,120 acres); and various minerals, 270 permits (192,548 acres); includes 1,916,550 acres of Outer Continental Shelf leases.

<sup>2</sup> Excludes grazing licenses and permits within grazing districts, 19,871 (142,307,062 acres).

<sup>3</sup> Not available.

Source: Department of the Interior, Bureau of Land Management; *Annual Report of the Director* (Statistical Appendix).

# **No. 259. RECEIPTS UNDER MINERAL LEASING ACT, 1920 TO 1961, AND MINERAL LEASES IN FORCE, 1961, BY STATES**

[Receipts in thousands of dollars. Excludes leasing activities of agencies other than Bureau of Land Management. Receipts represent amounts collected under the Mineral Leasing Act of February 25, 1920]

STATE	RECEIPTS (years ending June 30)							LEASES IN FORCE, JUNE 30, 1961 <sup>1</sup>	
	Total	1920-1956, total	1957	1958	1959	1960	1961	Number	Acres
<b>Total.....</b>	<b>972,503</b>	<b>562,036</b>	<b>72,284</b>	<b>81,355</b>	<b>83,534</b>	<b>84,091</b>	<b>89,203</b>	<b>133,445</b>	<b>102,458,173</b>
Alabama.....	247	281	6	3	3	2	2	77	12,320
Alaska.....	18,380	1,179	839	3,644	5,708	3,005	3,950	13,122	26,828,891
Arizona.....	3,460	770	699	443	413	676	450	4,185	3,667,639
Arkansas.....	383	65	13	38	76	62	129	438	401,046
California.....	171,477	133,388	8,321	8,843	7,552	6,499	6,874	3,899	1,485,545
Colorado.....	113,287	62,430	11,820	11,293	9,690	9,154	8,870	12,577	9,706,808
Florida.....	7	4	1	1		( <sup>2</sup> )	1	28	2,741
Idaho.....	3,622	1,473	595	265	296	237	756	362	498,445
Indiana.....					( <sup>2</sup> )			1	320
Kansas.....	2,073	852	121	137	228	322	413	173	56,699
Louisiana.....	3,042	1,515	314	314	270	258	371	433	53,098
Michigan.....	78	55	3	5	2	2	11	52	23,310
Mississippi.....	66	34	8	5	6	6	7	248	23,988
Montana.....	44,074	22,065	3,592	4,197	4,604	4,586	4,340	7,590	6,124,012
Nebraska.....	207	130	9	14	15	18	21	158	53,912
Nevada.....	8,566	6,254	529	430	400	428	516	2,556	1,307,774
New Mexico.....	150,936	71,906	12,366	14,782	14,787	17,603	19,432	13,836	9,959,519
North Dakota.....	2,774	1,655	241	213	211	220	234	901	302,804
Oklahoma.....	890	457	61	54	73	101	144	765	191,337
Oregon.....	830	508	40	68	38	145	31	277	176,405
South Dakota.....	2,316	1,293	250	226	163	272	122	961	851,023
Texas.....								55	236,160
Utah.....	57,087	24,260	5,448	5,402	6,908	7,268	7,795	29,059	17,816,579
Washington.....	192	145	12	26	1	2	6	53	27,974
Wyoming.....	388,539	230,701	26,906	30,943	32,015	33,165	34,719	41,189	22,558,924

<sup>1</sup> Data for all leases except those on acquired lands. See footnote 1, table 258.

<sup>2</sup> Less than \$500.

Source: Department of the Interior, Bureau of Land Management; *Annual Report of the Director* (Statistical Appendix).

# No. 260. GRAZING DISTRICTS—ACREAGE, 1959 TO 1961, AND PERMITTED OPERATORS AND USE, 1958 TO 1960

[Acreage as of June 30; other data for fiscal year, except as noted. Grazing districts are Bureau of Land Management administrative subdivisions of vacant public range lands, as authorized by the Taylor Grazing Act of June 28, 1934, as amended. See also *Historical Statistics, Colonial Times to 1967*, series J 29, for livestock usage for earlier years]

STATE	AREA (1,000 acres)			OPERATORS (number)			ANIMAL-UNIT-MONTHS OF USE <sup>2</sup> (1,000)					
							Livestock			Wildlife		
	1959	1960	1961	1958	1959	1960 <sup>1</sup>	1958	1959	1960 <sup>1</sup>	1958	1959	1960 <sup>1</sup>
<b>Total</b> .....	161,687	141,645	142,308	18,203	18,185	18,337	14,798	14,750	12,454	1,387	1,490	1,684
Arizona.....	12,932	10,529	10,540	582	999	542	611	611	725	31	47	48
California.....	3,976	2,609	2,696	348	336	359	374	386	316	40	36	40
Colorado.....	8,064	7,490	7,485	1,675	1,689	1,696	799	782	695	321	334	354
Idaho.....	12,666	11,075	11,080	2,573	2,458	2,388	1,413	1,399	1,131	147	137	137
Montana.....	7,805	5,206	5,201	2,553	2,402	2,045	910	897	1,276	67	66	81
Nevada.....	47,676	42,443	43,017	1,052	1,008	936	3,194	3,139	2,223	181	192	214
New Mexico.....	13,995	12,738	12,667	3,983	4,040	4,033	2,089	2,153	1,858	40	42	44
Oregon.....	18,674	12,372	12,262	1,168	1,061	1,172	1,129	1,125	1,017	170	159	171
Utah.....	26,299	23,998	24,146	3,002	2,918	2,908	2,840	2,334	1,684	252	344	398
Wyoming.....	14,610	13,185	13,308	1,287	1,274	1,258	1,939	1,925	1,529	138	133	197

<sup>1</sup> Calendar year.

<sup>2</sup> Animal-unit-month is the amount of forage necessary for the complete sustenance of 1 animal-unit (i.e., 1 cow or  $\frac{1}{4}$  horse or 5 sheep or 5 goats) for a period of 1 month.

Source: Department of the Interior, Bureau of Land Management; *Annual Report of the Director* (Statistical Appendix).

# No. 261. VISITS TO AREAS ADMINISTERED BY THE NATIONAL PARK SERVICE, 1921 TO 1961, AND TO INDIVIDUAL NATIONAL PARKS, 1961

[Visits in thousands. Visits, through 1940, for years ending September 30; thereafter, calendar years. Acreage as of December 31, 1961. Includes data for Alaska, Hawaii, Puerto Rico, and Virgin Islands. See also *Historical Statistics, Colonial Times to 1967*, series H 457]

PERIOD	Visits, annual average	PERIOD	Visits, annual average <sup>1</sup>	YEAR	Visits <sup>1</sup>	YEAR	Visits <sup>1</sup>
1921-1925.....	1,522	1941-1945.....	11,498	1952.....	42,300	1957.....	68,016
1926-1930.....	2,927	1946-1950.....	28,427	1953.....	46,225	1958.....	65,461
1931-1935.....	4,959	1951-1955.....	44,895	1954.....	47,834	1959.....	68,000
1936-1940.....	15,148	1956-1960 <sup>2</sup> .....	68,652	1955.....	50,000	1960 <sup>2</sup> .....	79,279
				1956.....	61,602	1961 <sup>2</sup> .....	86,663

PARK	State or other area	1961		PARK	State or other area	1961	
		Federal acreage (1,000)	Visits <sup>2</sup>			Federal acreage (1,000)	Visits <sup>2</sup>
Acadia.....	Maine.....	32	1,575	Lassen Volcanic.....	Calif.....	106	400
Big Bend.....	Tex.....	91	91	Mammoth Cave.....	Ky.....	51	519
Bryce Canyon.....	Utah.....	36	265	Mesa Verde.....	Colo.....	51	228
Carlsbad Caverns.....	N. Mex.....	46	590	Mount McKinley.....	Alaska.....	1,939	18
Crater Lake.....	Oreg.....	160	416	Mt. Rainier.....	Wash.....	242	1,593
Everglades.....	Fla.....	1,301	567	Olympic.....	Wash.....	889	1,520
Glacier.....	Mont.....	1,009	740	Platt.....	Okla.....	1	1,173
Grand Canyon.....	Ariz.....	673	1,252	Rocky Mountain.....	Colo.....	257	1,538
Grand Teton.....	Wyo.....	302	1,492	Sequoia.....	Calif.....	385	610
Great Smoky Mountains.....	N.C.-Tenn.....	509	4,762	Shenandoah.....	Va.....	193	1,929
Haleakala.....	Hawaii.....	17	66	Virgin Islands.....	Virgin Is.....	5	31
Hawaii Volcanoes.....	Hawaii.....	179	770	Wind Cave.....	S. Dak.....	28	700
Hot Springs.....	Ark.....	1	891	Yellowstone.....	Wyo.-Mont.-Idaho.....	2,213	1,524
Isle Royale.....	Mich.....	539	6	Yosemite.....	Calif.....	758	1,227
Kings Canyon.....	Calif.....	454	749	Zion.....	Utah.....	132	605

<sup>1</sup> Beginning 1956, includes visits to National Capital Park.

<sup>2</sup> New series, not comparable with previous years. New series adjusted to old base produces estimate of 72,854,000 in 1960, and 78,257,000 in 1961.

Source: Department of the Interior, National Park Service; annual report, *Areas Administered by the National Park Service, and Public Use, National Parks and Related Areas*.

**No. 262. NATIONAL PARKS, MONUMENTS, AND ALLIED AREAS—NUMBER, ACREAGE, AND VISITS: 1950, 1960, AND 1961**

[Areas and acreage as of June 30, except as noted; visits, year ending December 31. Includes data for 2 areas in Puerto Rico and Virgin Islands. See also *Historical Statistics, Colonial Times to 1967*, series H 455-470]

TYPE OF AREA	1950			1960			1961		
	Number of areas	Federal acreage (1,000)	Visits (1,000)	Number of areas	Federal acreage (1,000)	Visits (1,000)	Number of areas <sup>2</sup>	Federal acreage <sup>2</sup> (1,000)	Visits <sup>1</sup> (1,000)
<b>Total</b> .....	162	23,882	33,253	187	25,705	79,279	192	25,958	86,663
National Park System.....	177	21,855	33,701	183	22,491	75,629	188	22,515	83,088
Historical parks.....	5	10	1,301	8	32	6,268	9	32	8,622
Monuments.....	36	9,439	5,310	83	8,981	10,738	83	9,005	10,622
Military parks.....	11	24	1,861	12	30	5,922	12	30	7,223
Memorial park.....	1	58	71	1	69	223	1	69	236
Battlefield.....				1	(3)	34	3	(3)	47
Battlefield parks.....	2	4	93	3	6	543	3	6	794
Battlefield sites.....	6	(3)	140	5	(3)	288	3	(3)	205
Historic sites.....	13	3	928	12	2	1,263	15	2	1,266
Memorials.....	10	2	4,980	14	5	7,271	14	5	7,871
Cemeteries.....	10	(3)	3	10	(3)	8	10	(3)	3
Seashore recreational area.....				1	25	467	1	25	547
Parkways.....	4	84	1,900	3	94	8,983	3	95	9,733
Capital Park.....	1	29	(4)	1	39	6,991	1	35	7,623
Other parks.....	28	12,222	13,919	20	13,208	26,630	30	13,211	27,906
National recreation areas.....	5	2,026	2,551	4	3,214	3,650	4	3,443	3,575

<sup>1</sup> New series, not comparable with previous years. New series adjusted to old base produces estimate of 72,554,000 in 1960, and 78,267,000 in 1961.

<sup>2</sup> As of Jan. 1, 1962.

<sup>3</sup> Less than 500 acres.

<sup>4</sup> Visits not recorded until 1951.

Source: Department of the Interior, National Park Service; annual report, *Areas Administered by the National Park Service and Public Use, National Parks and Related Areas*.

**No. 263. NATIONAL FORESTS—RECREATIONAL USE BY VISITORS, BY PRIMARY PURPOSE: 1950 TO 1961**

[In thousands. Includes Alaska and Puerto Rico, except as noted. See also *Historical Statistics, Colonial Times to 1967*, series H 471-474]

USE AND PURPOSE	1950	1955	1956	1957	1958	1959	1960	1961
<b>Total visits for recreational use</b> .....	27,368	45,713	52,556	60,957	68,459	81,521	92,595	101,913
To areas improved by public funds.	13,061	22,317	25,053	27,770	31,428	33,542	35,594	36,856
To other public areas (unimproved) <sup>1</sup> .....	14,307	23,396	27,503	33,187	37,022	47,979	57,001	65,057
Visits, by primary purpose:								
General enjoyment of forest areas.....	7,069	12,444	14,190	16,634	18,240	23,533	30,181	34,689
Picnicking.....	6,326	10,883	12,822	14,742	16,126	19,295	19,497	20,076
Fishing.....	4,885	8,278	9,409	11,090	12,246	13,301	14,535	15,986
Hunting.....	2,285	4,064	4,436	5,168	5,589	6,338	7,591	8,535
Big-game take <sup>2</sup> .....	358	518	541	592	689	659	682	(3)
Camping.....	1,534	2,723	3,516	4,289	4,934	5,681	6,579	9,924
Winter sports.....	1,517	2,769	2,673	2,760	4,022	3,986	4,499	4,405
Swimming.....	902	1,368	1,609	1,809	2,028	2,520	2,801	3,013
Hiking and riding.....	635	1,053	1,353	1,457	1,613	1,786	2,018	2,250
Other.....	1,315	2,130	2,453	3,098	3,040	4,575	4,894	6,036

<sup>1</sup> Includes a few public areas improved by non-Federal means.

<sup>2</sup> Excludes Puerto Rico. Comprises deer, elk, bear, antelope, moose, mountain goat, bighorn, peccary, and wild bear, of which 602,000 were deer in 1960. Beginning 1959, includes data for national grasslands.

<sup>3</sup> Not available.

Source: Department of Agriculture, Forest Service.

## No. 264. STATE PARK SYSTEMS—SUMMARY: 1950 TO 1960

[For years ending June 30, in most cases. Beginning 1959, includes Alaska and Hawaii. Number of agencies which reported varies from year to year. Covers parks, historic sites, and parkways reported by State park and State historical agencies. See also *Historical Statistics, Colonial Times to 1957*, series H 475-487]

ITEM	1950	1955	1956	1957	1958	1959	1960
Areas <sup>1</sup> .....number.....	1,725	2,034	2,100	2,216	2,335	2,433	2,604
Acreage <sup>1</sup> .....1,000.....	4,657	5,086	5,165	5,248	5,406	5,681	5,602
Expenditures <sup>2</sup> .....\$1,000.....	36,399	55,093	65,844	74,008	73,222	88,268	87,373
Salaries and wages.....do.....	13,622	22,673	24,706	27,844	31,730	33,548	37,137
Supplies and equipment.....do.....	7,738	11,351	13,341	13,779	15,260	17,383	19,132
Lands.....do.....	2,651	5,528	5,987	4,809	7,555	14,834	12,077
Improvements.....do.....	12,364	15,293	21,520	27,526	18,632	22,432	19,026
Funds available for expenditures.....do.....	52,283	69,075	88,255	<sup>2</sup> 124,077	135,060	<sup>2</sup> 139,341	<sup>2</sup> 131,419
Appropriations.....do.....	28,421	43,382	49,610	89,309	73,626	65,283	69,294
Other.....do.....	23,862	25,693	38,645	33,049	61,433	73,767	61,794
Revenue from operations.....do.....	6,646	13,817	14,928	15,987	18,235	20,773	22,641
Attendance.....1,000.....	114,291	<sup>2</sup> 183,188	<sup>2</sup> 200,705	216,780	237,329	255,310	259,001
Day visits.....do.....	108,212	169,123	185,325	201,881	220,206	237,316	238,432
Overnight visits.....do.....	6,079	<sup>2</sup> 11,057	<sup>2</sup> 12,442	<sup>2</sup> 14,899	<sup>2</sup> 17,123	<sup>2</sup> 17,994	<sup>2</sup> 20,569
Cabins and hotels.....do.....	1,223	1,576	1,727	1,836	1,753	1,944	1,697
Organized camps.....do.....	1,480	1,697	1,809	2,209	2,075	2,095	2,235
Tent and trailer camps.....do.....	2,377	7,650	9,106	10,571	13,074	13,734	16,217
Personnel.....number.....	10,626	13,637	14,932	15,443	16,673	16,690	17,537
Professional.....do.....	401	373	449	498	536	607	731
Year-round.....do.....	4,191	5,657	6,048	6,302	6,691	6,966	7,412
Seasonal.....do.....	6,435	7,980	8,884	9,141	9,982	9,724	10,125
Land acquisition.....acres.....	62,042	70,148	61,544	63,389	<sup>2</sup> 153,780	<sup>2</sup> 251,689	68,320
By purchase.....do.....	18,236	13,750	30,580	29,119	17,573	62,801	38,915
By gift.....do.....	4,586	35,724	16,055	9,851	10,300	17,740	7,585
By other means.....do.....	39,220	20,674	14,639	24,419	122,841	175,321	21,826

<sup>1</sup> Excludes State forests, wildlife refuges, and waysides not administered by State park agencies.

<sup>2</sup> Includes data for which the detailed breakdown is not available.

Source: Department of the Interior, National Park Service; annual report, *State Park Statistics*.

## No. 265. STATE PARK SYSTEMS—AREAS, ACREAGE, VISITS, AND EXPENDITURES, BY STATES: 1960

[Areas and acreage as of December 31; visits year ending December 31. See also headnote, table 264]

STATE	Areas	Acreage	Visits	Expenditures	STATE	Areas	Acreage	Visits	Expenditures
			<sup>1,000</sup>	<sup>\$1,000</sup>				<sup>1,000</sup>	<sup>\$1,000</sup>
U.S.....	2,664	5,601,542	<sup>1</sup> 259,001	<sup>1</sup> 87,373	Montana.....	23	9,129	366	92
Alabama.....	47	42,654	2,911	386	Nebraska.....	66	28,786	3,792	413
Alaska.....	62	2,603	480	133	Nevada.....	10	10,179	166	73
Arizona.....	4	114	48	44	New Hamp- shire.....	40	43,697	2,349	1,203
Arkansas.....	15	19,190	3,115	538	New Jersey.....	41	28,800	6,399	2,832
California.....	175	691,752	24,476	16,269	New Mexico.....	14	5,458	1,369	493
Colorado.....	14	9,108	651	247	New York.....	137	2,540,443	34,490	19,333
Connecticut.....	74	21,958	4,497	1,201	North Carolina.....	20	36,060	1,759	861
Delaware.....	5	3,745	589	100	North Dakota.....	66	5,191	476	140
Florida.....	50	72,393	3,195	1,255	Ohio.....	113	91,945	18,628	3,835
Georgia.....	45	54,083	3,449	746	Oklahoma.....	37	57,003	8,995	1,996
Hawaii.....	20	6,245	272	253	Oregon.....	176	60,318	10,918	1,914
Idaho.....	25	17,439	790	121	Pennsylvania.....	187	165,172	22,751	4,093
Illinois.....	86	52,379	8,379	4,435	Rhode Island.....	75	8,485	2,597	840
Indiana.....	35	45,126	2,864	1,630	South Carolina.....	28	48,501	3,203	498
Iowa.....	92	29,747	6,852	1,269	South Dakota.....	143	94,315	4,312	437
Kansas.....	52	95,651	1,067	1,008	Tennessee.....	20	131,325	8,860	1,340
Kentucky.....	32	35,595	4,401	2,732	Texas.....	61	62,281	7,286	511
Louisiana.....	17	12,218	1,699	601	Utah.....	17	7,298	525	197
Maine.....	32	205,106	691	498	Vermont.....	38	15,565	735	239
Maryland.....	20	18,123	4,013	1,018	Virginia.....	14	25,956	1,079	380
Massachusetts.....	44	32,043	2,312	2,720	Washington.....	119	77,557	7,069	1,775
Michigan.....	79	182,615	10,105	2,654	West Virginia.....	25	40,711	1,940	1,102
Minnesota.....	69	100,343	3,214	946	Wisconsin.....	38	19,241	6,364	707
Mississippi.....	15	13,635	1,016	294	Wyoming.....	41	152,004	691	45
Missouri.....	36	72,267	6,044	859					

<sup>1</sup> 65 agencies reporting.

Source: Department of the Interior, National Park Service; annual report, *State Park Statistics*.

# No. 266. MUNICIPAL PARKS—NUMBER, ACREAGE, LEADERSHIP, AND SELECTED FACILITIES: 1930 TO 1960

[For reporting cities of 100,000 inhabitants or more in 1950. Includes Hawaii. See also *Historical Statistics, Colonial Times to 1897*, series H 498-499]

ITEM	1930	1935	1940	1946	1950	1955	1960
Parks:							
Number.....	6,368	6,080	8,389	(1)	8,671	9,558	13,209
Acres.....	201,067	228,063	267,753	(1)	301,492	323,049	362,935
Recreation leadership:							
Leaders, total.....	16,249	12,604	14,768	20,130	27,712	31,649	41,480
Full time, year-round.....	2,028	2,111	2,703	3,541	4,571	5,454	5,824
Playgrounds under leadership.....	4,236	4,386	5,165	5,258	6,426	7,113	7,937
Selected facilities:							
Ball diamonds.....	2,139	2,027	2,023	2,075	7,967	8,919	10,103
Bathing beaches.....	135	143	164	175	158	158	167
Golf courses.....	168	187	201	190	222	225	270
Outdoor swimming pools.....	387	402	449	550	549	605	838
Tennis courts.....	5,120	5,534	7,093	6,390	6,328	6,039	6,770
Recreation buildings.....	426	707	961	969	1,419	1,718	1,867
Indoor recreation centers.....	1,422	2,048	2,080	1,737	2,617	3,758	6,369

<sup>1</sup> Not available.

Source: 1930-1955, Resources for the Future, Inc., Washington, D.C.; *Statistics on Outdoor Recreation*. (Figures are based on reports of the National Recreation Association). Beginning 1930, National Recreation Association, records.

# No. 267. PUBLIC OUTDOOR RECREATION AREAS (NONURBAN), BY LEVEL OF GOVERNMENT, TYPE OF AGENCY, AND SIZE CATEGORY: 1960

[Excludes Alaska and Hawaii. Comprises publicly owned and managed land and water areas outside of city limits, upon which recreation, including hunting and fishing, is a recognized use. Includes the entire acreage of National, State, county, and local parks, monuments, historic sites, memorials, geologic and archaeological areas, forests, recreation areas, public hunting and shooting grounds, water access areas, fish hatcheries, and wildlife refuges where the public is permitted to engage in recreational activities]

TYPE OF AGENCY AND SIZE OF AREA	TOTAL		FEDERAL		STATE		COUNTY AND OTHER LOCAL	
	Number of areas	Acreage (1,000)	Number of areas	Acreage (1,000)	Number of areas	Acreage (1,000)	Number of areas	Acreage (1,000)
Total.....	24,018	234,000	1,059	198,341	20,429	32,113	2,560	3,546
TYPE OF AGENCY <sup>1</sup>								
Park agencies.....	4,027	22,057	182	18,078	3,195	3,600	650	370
Forest agencies.....	1,177	185,101	265	165,167	837	17,603	135	2,361
Fish and wildlife agencies <sup>2</sup> .....	4,912	18,236	325	9,625	4,440	8,603	147	8
Water development agencies <sup>3</sup> .....	82	903	41	706	29	112	12	25
Transportation agencies.....	11,876	3,976	275	3,944	11,596	32	15	(4)
Special authorities.....	139	1,331	30	648	78	445	31	238
Other agencies <sup>4</sup> .....	1,835	2,306	1	113	264	1,658	1,570	535
SIZE OF AREA								
40 acres and under.....	17,053	69	71	1	16,151	60	861	8
41 to 100 acres.....	674	73	45	3	742	57	187	13
101 to 500 acres.....	2,805	606	132	34	1,423	350	1,250	222
501 to 1,000 acres.....	743	538	73	54	582	423	88	61
1,001 to 5,000 acres.....	1,171	2,702	189	475	871	1,006	111	231
5,001 to 25,000 acres.....	667	7,651	187	2,235	440	4,998	34	418
25,001 to 100,000 acres.....	317	16,153	145	7,297	153	7,843	19	1,013
100,001 to 1,000,000 acres.....	206	73,309	137	58,871	59	12,858	10	1,580
Over 1,000,000 acres.....	82	132,899	80	129,371	2	3,628		

<sup>1</sup> The department, bureau, division, or board specifically charged with management of the resource for recreation purposes.

<sup>2</sup> Includes a few divisions or departments whose responsibility is general conservation, rather than concern for a specific function.

<sup>3</sup> Includes Corps of Engineers, Bureau of Reclamation, and Tennessee Valley Authority; at the State and local level, includes flood control, watershed management, drainage and reclamation, and water supply agencies.

<sup>4</sup> Less than 500 acres.

<sup>5</sup> Includes land offices, city administrations, schools, historical societies, special districts, and agencies not elsewhere classified.

Source: Outdoor Recreation Resources Review Commission; *Outdoor Recreation For America*, a report to the President and the Congress, January 31, 1962.

## No. 268. MUNICIPAL AND COUNTY PARKS—SUMMARY, BY STATES: 1960

STATE	PARKS		PAID EMPLOYEES		Play-grounds under leadership	Recreation buildings and indoor centers	EXPENDITURES (\$1,000)		
	Number	Acres	Total	Leadership			Land, buildings, permanent improvements	Current operating expenses	Capital expenditures, 1956-1960
United States.....	24,708	1,015,461	185,979	99,696	20,107	16,970	151,339	414,256	566,528
New England.....	2,174	52,389	13,448	7,319	1,611	852	7,007	18,553	25,862
Maine.....	128	1,243	527	344	93	43	67	716	420
New Hampshire.....	114	3,111	504	252	73	45	242	763	946
Vermont.....	123	1,091	455	329	61	82	67	446	189
Massachusetts.....	1,204	30,814	7,215	3,650	836	266	2,836	9,450	15,206
Rhode Island.....	116	1,120	849	424	126	71	68	849	452
Connecticut.....	489	14,410	3,898	2,274	432	315	3,726	6,329	8,647
Middle Atlantic.....	4,241	127,246	43,257	24,285	4,341	2,673	39,194	90,656	114,426
New York.....	2,409	74,969	26,673	14,627	2,020	1,339	30,906	56,849	69,650
New Jersey.....	749	25,277	6,828	3,786	821	558	3,473	12,426	12,680
Pennsylvania.....	1,083	27,000	9,750	6,872	1,500	776	4,815	21,381	32,097
East North Central.....	5,206	282,108	43,924	22,018	4,630	3,026	31,837	110,146	131,768
Ohio.....	1,822	113,271	8,989	4,710	1,083	642	6,501	21,319	29,717
Indiana.....	427	14,855	3,278	1,806	484	320	1,369	8,459	14,191
Illinois.....	1,402	78,849	13,932	6,126	888	820	11,407	45,401	51,712
Michigan.....	1,289	46,549	10,611	5,404	1,130	847	7,309	21,620	28,782
Wisconsin.....	766	28,584	7,114	3,972	445	388	5,071	13,346	7,366
West North Central.....	2,202	70,591	14,491	7,851	1,476	894	7,381	24,152	32,801
Minnesota.....	780	18,149	4,834	2,817	629	438	1,727	7,605	9,393
Iowa.....	487	13,426	2,400	1,379	263	128	1,033	2,744	3,671
Missouri.....	349	19,332	3,623	1,613	297	127	3,115	8,340	12,351
North Dakota.....	76	3,600	430	215	42	61	275	853	585
South Dakota.....	81	1,564	403	179	40	26	184	570	466
Nebraska.....	163	6,232	804	309	105	30	347	1,673	1,210
Kansas.....	266	8,288	1,997	1,439	191	94	699	2,369	5,124
South Atlantic.....	3,747	101,382	19,165	10,459	2,446	1,741	19,798	46,808	83,746
Delaware.....	88	1,292	359	222	36	19	61	560	558
Maryland.....	375	12,514	4,023	2,451	415	475	4,193	7,082	24,538
Dist. of Columbia.....	840	39,478	1,872	717	110	117	4,317	9,685	27,546
Virginia.....	375	9,155	2,771	1,811	482	298	1,112	4,688	4,382
West Virginia.....	100	3,397	1,295	713	248	91	575	1,826	1,462
North Carolina.....	476	10,290	2,820	1,467	345	206	1,369	3,762	5,094
South Carolina.....	212	1,962	687	476	120	84	364	1,092	838
Georgia.....	426	5,929	1,613	822	236	140	3,845	3,484	7,832
Florida.....	867	17,399	4,325	1,730	454	311	3,961	13,739	11,497
East South Central.....	904	31,906	6,726	3,086	865	602	3,808	10,445	16,790
Kentucky.....	198	8,176	1,759	960	213	234	750	2,077	1,623
Tennessee.....	366	12,136	2,135	1,023	306	201	1,041	4,333	6,851
Alabama.....	238	5,121	1,381	680	212	97	921	2,697	2,221
Mississippi.....	103	6,474	1,461	423	134	70	496	1,430	6,095
West South Central.....	1,744	62,572	7,732	3,222	1,033	688	6,097	18,448	27,384
Arkansas.....	25	3,487	220	50	11	21	324	305	712
Louisiana.....	272	4,751	1,596	915	306	83	1,214	3,813	7,138
Oklahoma.....	306	10,802	1,089	437	114	79	333	1,841	1,841
Texas.....	1,141	43,629	4,818	1,820	602	505	4,227	12,302	17,692
Mountain.....	1,026	119,937	5,933	3,854	705	892	3,992	10,367	14,230
Montana.....	129	14,434	433	295	58	91	163	517	393
Idaho.....	96	2,656	573	325	50	55	269	530	486
Wyoming.....	35	7,374	102	71	16	19	84	173	159
Colorado.....	334	32,023	1,062	849	157	228	1,254	3,030	5,118
New Mexico.....	133	1,674	595	424	87	80	724	884	1,595
Arizona.....	173	50,533	1,033	1,152	275	256	578	3,223	4,382
Utah.....	87	4,121	748	611	160	149	425	872	1,322
Nevada.....	39	1,122	182	128	13	14	501	239	776
Pacific.....	3,464	167,330	31,303	17,602	3,510	5,602	32,224	84,680	119,521
Washington.....	561	13,974	2,336	985	264	236	1,382	6,163	7,590
Oregon.....	466	13,023	1,555	703	130	144	1,551	3,834	10,298
California.....	2,182	135,520	26,506	15,509	2,957	5,128	25,570	71,002	97,892
Alaska.....	14	850	24	6	4	1	110	87	300
Hawaii.....	241	3,358	882	399	155	93	3,610	2,695	4,841

1 32,108 acres are outside the District of Columbia.

Source: National Recreation Association, records.

## No. 269. SELECTED RECREATIONAL ACTIVITIES: 1950 TO 1961

[Excludes Alaska and Hawaii, except as noted. See also *Historical Statistics, Colonial Times to 1957*, series H 510-522, and H 525]

ACTIVITY	1950	1955	1956	1957	1958	1959	1960	1961
Baseball, major leagues:								
Attendance <sup>1</sup> .....1,000..	17,659	16,980	16,889	17,411	17,855	19,565	20,261	19,146
Regular season.....do..	17,463	16,617	16,843	17,016	17,461	19,144	19,911	18,923
National League.....do..	8,321	7,674	8,650	8,820	10,165	9,995	10,685	8,741
American League.....do..	9,142	8,943	7,894	8,196	7,296	9,149	9,227	10,182
World series.....do..	196	302	346	395	394	421	350	223
Softball, amateur: <sup>2</sup>								
Teams.....1,000..	355	367	370	371	372	375	378	380
Leagues.....do..	59	61	62	62	62	63	63	64
Football, professional, National Football League, attendance.....1,000..	2,008	2,608	2,608	2,891	3,070	3,198	3,195	4,023
Regular season.....do..	1,978	2,522	2,551	2,836	3,006	3,140	3,128	3,984
Championship games.....do..	30	86	57	55	64	58	67	39
Football, collegiate, attendance <sup>3</sup> .....do..	18,962	17,267	18,032	18,291	19,281	19,615	20,403	20,678
Boxing, professional matches, gross receipts <sup>4</sup> .....\$1,000..	3,800	6,335	4,448	5,185	5,624	4,101	5,902	5,650
Horse racing: <sup>5</sup>								
Number of racing days.....1,000..	4,018	4,899	5,052	5,187	5,348	5,963	6,099	6,280
Total attendance.....do..	29,291	38,503	39,871	41,365	43,373	45,451	46,879	49,500
Pari-mutuel turnover.....mil. dol.	1,638	2,592	2,791	2,937	3,039	3,246	3,358	3,467
Revenue to States.....\$1,000..	98,221	186,990	207,456	216,748	222,050	243,389	258,039	264,868
Total monies distributed <sup>6</sup> .....do..	46,869	85,182	90,112	97,903	100,951	107,927	111,473	118,845
Greyhound racing: <sup>6</sup>								
Number of racing days.....1,000..	1,738	2,143	2,233	2,388	2,187	2,395	2,478	2,605
Total attendance.....do..	6,083	7,131	7,216	7,610	7,047	7,769	7,924	8,465
Pari-mutuel turnover.....mil. dol.	167	242	251	271	262	298	322	339
Revenue to States.....\$1,000..	10,539	16,705	17,527	18,652	18,569	19,422	22,051	23,068
Total monies distributed <sup>6</sup> .....do..	(?)	(?)	(?)	(?)	(?)	9,207	7,200	7,215
Bowling:								
Tenpin: <sup>7</sup>								
Establishments.....number..	6,325	6,696	6,957	7,190	7,475	8,191	8,997	9,906
Lanes.....do..	52,488	53,203	60,654	65,127	73,081	87,475	107,908	130,806
Teams.....do..	322,055	395,905	438,424	510,130	592,102	714,395	872,605	1,040,592
Duckpin: <sup>8</sup>								
Establishments.....number..	463	556	571	584	601	612	653	678
Lanes.....do..	5,550	6,875	6,986	7,127	7,248	7,298	8,707	6,962
Teams.....do..	28,665	46,552	48,304	49,667	51,700	51,924	62,067	65,318
Motion picture theaters: <sup>9</sup>								
Average weekly attendance.....millions..	60	46	47	45	42	-----	-----	-----
Gross receipts.....mil. dol.	1,320	1,185	1,204	1,120	1,180	-----	-----	-----
Outboard motors and boats: <sup>10</sup>								
Motors in use.....1,000..	2,811	4,210	4,700	5,040	5,385	5,650	5,800	6,100
Motors sold.....do..	367	515	642	550	504	540	468	373
Value (retail).....mil. dol.	63	153	213	204	234	253	221	171
Average horsepower.....do..	6.9	12.9	14.2	16.3	20.7	23.7	27.4	29.9
Boats sold.....1,000..	181	258	302	320	316	329	294	253
Boat trailers sold.....do..	13	129	151	165	178	186	206	194

<sup>1</sup> Source: *World Almanac*. <sup>2</sup> Amateur Softball Association of America. <sup>3</sup> National Collegiate Athletic Association. <sup>4</sup> Source: *The Ring*. Includes Hawaii. <sup>5</sup> National Association of State Racing Commissioners. Horse racing includes thoroughbred, harness, quarter horse, and fairs. <sup>6</sup> Distributed in stakes and purses. <sup>7</sup> Not available. <sup>8</sup> American Bowling Congress. Data are for the season ending in year shown. Beginning 1959, includes Alaska and Hawaii. <sup>9</sup> National Duckpin Bowling Congress. <sup>10</sup> Source: *The Film Daily Yearbook of Motion Pictures, 1959*. 1958 data estimated. <sup>11</sup> Outboard Boating Club of America. Beginning 1959, includes Alaska and Hawaii. 1961 data preliminary.

Source: Compiled from sources listed in footnotes.

## No. 270. NUMBER AND COST OF HUNTING AND FISHING LICENSES: 1950 TO 1960

[For years ending June 30. Beginning 1959, includes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series H 523-524]

ITEM	1950	1954	1955	1956	1957	1958	1959	1960
Hunting licenses:								
Paid license holders.....1,000..	12,638	14,073	14,192	14,462	14,918	14,704	11,924	11,780
Resident.....do..	12,441	13,747	13,853	14,089	14,508	14,330	9,539	9,429
Nonresident.....do..	197	327	339	373	410	434	2,385	2,357
Cost to hunters for licenses issued.....\$1,000..	37,641	41,505	42,791	46,638	47,847	53,608	57,811	60,981
Fishing licenses:								
Paid license holders.....1,000..	15,338	18,581	18,355	18,702	19,277	20,178	20,007	19,081
Resident.....do..	13,309	16,024	16,212	16,040	16,645	17,402	17,149	15,948
Nonresident.....do..	2,029	2,557	2,643	2,662	2,631	2,776	2,858	3,133
Cost to anglers for licenses issued.....\$1,000..	34,018	38,928	39,502	43,150	42,770	45,410	50,375	52,143
Federal duck stamps issued.....1,000..	1,942	2,271	2,182	2,370	2,332	2,355	2,166	1,628

<sup>1</sup> Excludes Colo., Mich., Minn., and Wis.

Source: Department of the Interior, Fish and Wildlife Service.



**No. 271. NUMBER OF DAYS PARTICIPATION PER PERSON 12 YEARS OLD AND OVER IN SELECTED OUTDOOR ACTIVITIES, BY SEASON: 1960-61**

[Excludes Alaska and Hawaii. Data refer to number of days that individuals participated in specified activities, regardless of amount of time spent in participation. Based on a nationwide survey of outdoor recreation habits and preferences of persons 12 years old and over, conducted by the Bureau of the Census, and consisting of 4 separate samples, each involving approximately 4,000 interviews]

OUTDOOR ACTIVITY	Year	Summer, June-Aug. 1960	Fall, Sept.-Nov. 1960	Winter, Dec. 1960- Feb. 1961	Spring, Mar.-May 1961
Driving for pleasure.....	20.73	6.68	4.34	4.66	5.05
Walking for pleasure <sup>1</sup> .....	21.14	5.39	4.98	5.56	5.21
Playing outdoor games or sports.....	12.71	3.63	2.77	2.58	3.73
Swimming, water skiing.....	6.88	5.45	0.68	0.17	0.58
Sightseeing.....	5.91	2.20	1.38	1.17	1.16
Bicycling.....	5.15	1.75	0.93	0.87	1.60
Fishing, hunting.....	6.05	2.18	1.48	1.18	1.21
Attending outdoor sports events.....	3.75	1.32	1.23	0.45	0.75
Picnicking, camping.....	4.39	2.60	0.82	0.28	0.69
Boating, canoeing, sailing.....	2.18	1.34	0.42	0.14	0.28
Horseback riding.....	1.25	0.42	0.21	0.20	0.42
Ice skating, snow skiing, sledging, tobogganing.....	1.13	( <sup>2</sup> )	( <sup>2</sup> )	1.02	0.11
Attending outdoor concerts, drama, etc.....	0.39	0.21	0.08	0.03	0.07
Miscellaneous.....	0.57	0.40	0.08	0.05	0.04

<sup>1</sup> Includes nature walks, hiking, and mountain climbing.

<sup>2</sup> Less than 0.005 days per person.

Source: Outdoor Recreation Resources Review Commission, Washington, D.C.; *Outdoor Recreation for America*, a report to the President and the Congress, January 31, 1962.

**No. 272. NUMBER AND COST OF STATE FISHING AND HUNTING LICENSES, BY STATES: 1960**

[For year ending June 30. Excludes Migratory Waterfowl Stamps (Duck Stamps)]

STATE	PAID LICENSE HOLDERS <sup>1</sup> (1,000)		COST OF LICENSES <sup>2</sup> (\$1,000)		STATE	PAID LICENSE HOLDERS <sup>1</sup> (1,000)		COST OF LICENSES <sup>2</sup> (\$1,000)	
	Fish- ing	Hunt- ing	Fish- ing	Hunt- ing		Fish- ing	Hunt- ing	Fish- ing	Hunt- ing
<b>United States...</b>	<b>19,081</b>	<b>311,786</b>	<b>52,143</b>	<b>60,981</b>	Missouri.....	662	373	2,130	1,653
Alabama.....	374	311	789	701	Montana.....	243	207	466	1,306
Alaska.....	47	31	266	334	Nebraska.....	199	186	478	854
Arizona.....	203	106	756	737	Nevada.....	54	40	271	351
Arkansas.....	409	224	1,048	730	New Hampshire.....	128	93	895	598
California.....	1,348	611	6,154	3,637	New Jersey.....	151	170	600	788
Colorado.....	400	( <sup>4</sup> )	1,457	3,109	New Mexico.....	142	107	551	780
Connecticut.....	107	54	412	103	New York.....	737	634	2,665	3,245
Delaware.....	12	26	23	64	North Carolina.....	322	384	877	1,123
Florida.....	520	160	1,112	980	North Dakota.....	78	74	83	466
Georgia.....	467	231	632	551	Ohio.....	812	671	1,666	1,580
Hawaii.....	2	5	4	27	Oklahoma.....	406	211	1,038	547
Idaho.....	234	167	965	955	Oregon.....	338	294	1,406	1,720
Illinois.....	685	497	1,413	1,896	Pennsylvania.....	612	990	2,215	4,466
Indiana.....	770	621	1,026	826	Rhode Island.....	16	12	48	46
Iowa.....	386	325	770	740	South Carolina.....	240	164	532	498
Kansas.....	238	230	266	612	South Dakota.....	143	179	284	1,666
Kentucky.....	340	265	1,112	1,026	Tennessee.....	653	424	1,122	873
Louisiana.....	178	281	249	200	Texas.....	847	474	1,820	1,586
Maine.....	225	180	756	1,023	Utah.....	186	184	567	1,640
Maryland.....	99	156	308	543	Vermont.....	82	104	233	472
Massachusetts.....	203	122	746	444	Virginia.....	354	406	707	1,091
Michigan.....	964	( <sup>4</sup> )	2,845	4,854	Washington.....	371	281	1,591	2,003
Minnesota.....	1,404	( <sup>4</sup> )	2,352	1,678	West Virginia.....	161	221	563	925
Mississippi.....	280	198	528	533	Wisconsin.....	1,031	( <sup>4</sup> )	3,110	2,837
					Wyoming.....	158	102	738	1,347

<sup>1</sup> Resident and nonresident. <sup>2</sup> Total cost to fishermen or hunters for all licenses, permits, tags, stamps, etc.

<sup>3</sup> Excludes Colo., Mich., Minn., and Wis.

<sup>4</sup> Not available.

Source: Department of the Interior, Fish and Wildlife Service; mimeographed release.

# No. 273. FISHERMEN AND HUNTERS, BY GEOGRAPHIC DIVISION, SEX, AND AGE: 1955 AND 1960

[In thousands of persons 12 years old and over, except as noted. For 1960, includes Alaska and Hawaii.  
Based on a sample of approximately 18,000 households. For composition of divisions, see p. XII]

ITEM	1955		1960						
	Total persons	Total who fished and/or hunted	Total persons	Total who fished and/or hunted	Total who fished and hunted	Total who fished	Total who hunted	On trips lasting more than 1 day	
								Fishermen	Hunters
<b>Total</b> .....	118,866	24,917	131,226	30,435	9,525	25,323	14,637	8,052	3,905
<b>By divisions:</b>									
New England.....	7,910	1,224	8,349	1,368	354	1,205	517	313	84
Middle Atlantic.....	24,869	3,539	26,493	3,432	860	2,569	1,723	496	273
East North Central.....	25,733	5,489	26,833	6,316	1,986	5,317	2,985	1,877	796
West North Central.....	9,201	2,913	10,149	3,383	1,181	2,855	1,709	1,169	381
South Atlantic.....	14,336	3,223	17,798	4,423	1,317	3,695	2,045	696	257
East South Central.....	7,959	1,963	9,277	2,778	939	2,207	1,510	488	125
West South Central.....	10,250	2,560	11,837	3,668	1,217	3,133	1,750	1,002	333
Mountain.....	4,529	1,369	5,223	1,846	846	1,372	1,120	799	414
Pacific.....	13,570	2,637	15,203	3,422	828	2,971	1,279	1,210	641
<b>By population:</b>									
Big cities.....	21,010	2,169	22,059	2,365	432	2,162	635	799	273
Small cities and suburbs.....	34,283	6,001	35,358	6,376	1,474	5,656	2,194	2,346	731
Towns.....	21,729	5,337	21,147	5,334	1,801	4,528	2,667	1,343	607
Rural areas.....	41,364	11,410	52,662	16,359	6,758	12,976	9,141	3,564	1,692
<b>By sex:</b>									
Men.....	60,082	16,293	62,732	23,171	8,820	18,379	13,612	5,922	3,028
Women.....	58,784	8,624	68,494	7,264	705	6,944	1,025	2,130	277
<b>By age:</b>									
12 to 15 years.....	14,570	3,788	13,210	4,118	1,212	3,717	1,613	1,058	209
16 to 17 years.....			5,548	1,577	592	1,173	996	304	155
18 to 24 years.....			15,216	3,838	1,443	2,952	2,329	770	433
25 to 34 years.....			21,020	5,876	1,991	4,816	3,061	1,631	789
35 to 44 years.....			23,523	6,097	1,868	5,075	2,890	1,728	761
45 to 64 years.....	33,220	6,272	36,287	7,378	2,062	6,283	3,157	2,250	832
65 years and over.....	12,917	1,258	15,513	1,549	359	1,307	601	311	125

1 Persons 18 years old and over.

Source: Department of the Interior, Fish and Wildlife Service; *National Survey of Fishing and Hunting, 1955, and 1960*, and records.

## No. 274. EXPENDITURES OF FISHERMEN AND HUNTERS: 1960

[Includes Alaska and Hawaii. Data refer to persons 12 years old and over who fished and/or hunted. Based on a sample of approximately 18,000 households]

ITEM	PERSONS WHO FISHED OR HUNTED OR BOTH		PERSONS WHO FISHED		PERSONS WHO HUNTED	
	Total spent (\$1,000)	Average per person	Total spent (\$1,000)	Average per person	Total spent (\$1,000)	Average per person
<b>Total</b> .....	3,852,116	\$126.57	2,690,872	\$106.26	1,161,242	\$79.34
Food.....	280,983	9.43	208,731	8.24	78,252	5.85
Lodging.....	89,516	2.94	62,123	2.45	27,391	1.87
<b>Transportation:</b>						
Automobile.....	529,749	17.41	369,762	14.60	159,987	10.93
Bus, rail, air, and water.....	14,759	.48	6,380	.25	8,379	.57
<b>Equipment:</b>						
Boats and motors.....	881,051	28.95	759,627	30.00	121,423	8.30
General auxiliary equipment.....	331,964	10.81	236,333	9.33	95,631	6.53
Fishing and/or hunting equipment.....	663,789	21.81	308,326	12.18	355,464	24.29
Licenses, tags, and permits.....	110,844	3.64	52,743	2.08	58,098	3.37
Duck stamps.....	4,575	.15			4,575	.31
Annual lease and privilege fees.....	23,435	.77	12,934	.51	10,500	.72
Daily entrance and privilege fees.....	49,670	1.63	34,643	1.36	15,125	1.03
Bait, guide fees, and other trip expenses.....	609,685	20.03	572,696	22.61	37,091	2.53
Other <sup>2</sup> .....	256,097	8.41	66,768	2.64	189,328	12.94

<sup>1</sup> Includes tents, sleeping gear, cooking and eating utensils, special clothing, lanterns, binoculars, trailers, cabins, and other equipment used primarily for fishing and hunting.

<sup>2</sup> Includes boat launching fees for fishermen, dogs for hunters, costs of fishing and hunting magazines, general club dues, and other miscellaneous expenditures.

Source: Department of the Interior, Fish and Wildlife Service; *National Survey of Fishing and Hunting, 1960*.

## No. 275. PERSONAL CONSUMPTION EXPENDITURES FOR RECREATION: 1940 TO 1960

[In millions of dollars. Represents market value of purchases of goods and services by individuals and nonprofit institutions. Beginning 1960, adjusted to include Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1867*, series H 500-515]

TYPE OF PRODUCT OR SERVICE	1940	1945	1950	1955	1956	1957	1958	1959	1960
<b>Total recreation expenditures</b> .....	3,761	6,139	11,278	14,220	15,193	16,082	16,842	18,356	19,408
Books and maps.....	234	520	677	888	1,006	1,140	1,181	1,353	1,466
Magazines, newspapers, and sheet music.....	589	965	1,495	1,917	1,954	2,087	2,233	2,309	2,402
Nondurable toys and sport supplies.....	306	553	1,396	1,842	2,008	2,094	2,162	2,378	2,501
Wheel goods, durable toys, sports equipment, boats, and pleasure aircraft.....	254	400	878	1,397	1,575	1,760	1,883	1,980	2,055
Radio and television receivers, records, and musical instruments.....	494	344	2,457	2,792	2,872	3,000	3,067	3,497	3,609
Radio and television repair.....	32	88	281	522	585	652	720	784	860
Flowers, seeds, and potted plants.....	201	378	524	721	770	824	815	905	985
Admissions to specified spectator amusements.....	904	1,714	1,775	1,700	1,744	1,662	1,736	1,882	2,041
Motion picture theaters.....	735	1,450	1,367	1,217	1,228	1,120	1,168	1,278	1,394
Legitimate theaters and opera, and entertainments of nonprofit institutions (except athletics).....	71	148	185	251	276	296	313	339	373
Spectator sports.....	98	116	223	232	240	246	255	265	274
Clubs and fraternal organizations <sup>1</sup> .....	203	281	467	582	642	681	716	744	753
Commercial participant amusements <sup>2</sup> .....	107	284	463	615	673	725	794	868	941
Parl-mutual net receipts.....	55	153	237	375	408	431	447	473	505
Other <sup>3</sup> .....	292	459	628	809	956	1,017	1,088	1,183	1,290

<sup>1</sup> Gross receipts less cash benefits of fraternal, patriotic, and women's organizations except insurance; and dues and fees of athletic, social, and luncheon clubs, and school fraternities.

<sup>2</sup> Billiard parlors; bowling alleys; dancing, riding, shooting, skating, and swimming places; amusement devices and parks; daily fee golf courses, including greens; golf instruction, club rental, and caddy fees; sightseeing buses and guides; and private flying.

<sup>3</sup> Photo developing and printing, photographic studios, collectors' net acquisitions of stamps and coins, hunting dog purchase and training, sports guide service, veterinary service, purchase of pets, camp fees, nonvending coin machine receipts minus payoff, and other commercial amusements.

Source: Department of Commerce, Office of Business Economics; *National Income Supplement*, 1954, U.S. Income and Output, a supplement to the *Survey of Current Business*, and *Survey of Current Business*, July 1961.

## No. 276. VOLUME AND CHARACTERISTICS OF TRAVEL: 1957

[Covers civilian noninstitutional population, excluding Alaska and Hawaii. Excludes trips to and from home locality by students attending college, 1-way travel of families permanently moving their residence, and occupational travel by pilots, engineers, bus drivers, etc. Data based on a sample of approximately 24,000 households, interviewed at the rate of about 2,000 each month as a part of Current Population Survey; see Technical Note, p. 213]

ITEM	TRIPS <sup>1</sup>		TRIP DAYS <sup>2</sup>		Average days per trip	ITEM	TRIPS <sup>1</sup>		TRIP DAYS <sup>2</sup>		Average days per trip
	Number (millions)	Per cent	Number (millions)	Per cent			Number (millions)	Per cent	Number (millions)	Per cent	
Total.....	231	100	1,287	100	5.6	Major destination of trip:					
Purpose of trip:						Northeast.....	41	18	255	20	6.2
Business <sup>3</sup> .....	44	19	210	16	4.8	North Central.....	60	26	304	24	5.0
Visit friends and relatives.....	107	46	546	43	5.1	South.....	80	35	448	35	5.6
Other vacation and pleasure.....	61	27	410	32	6.7	West.....	44	19	234	18	5.3
Other personal.....	19	8	121	9	6.4	Outside U.S. <sup>4</sup> .....	5	2	46	4	8.6
Means of transport:						Distance to major destination:					
Automobile.....	201	87	1,051	82	5.2	Under 100 miles.....	89	38	357	28	-----
Bus.....	0	2	41	3	7.1	100 to 199 miles.....	70	31	274	21	-----
Rail.....	8	4	62	5	7.7	200 to 499 miles.....	44	19	292	23	-----
Air.....	8	3	73	5	9.4	500 to 999 miles.....	14	6	157	12	-----
Combination and other.....	9	4	60	5	6.8	1,000 miles and over.....	10	4	161	12	-----
Origin of trip:						Outside U.S. <sup>4</sup> .....	5	2	46	4	-----
Northeast.....	44	19	293	23	6.6	Annual income of family:					
North Central.....	68	29	384	30	5.6	Under \$3,000.....	35	15	206	16	6.0
South.....	76	33	390	30	5.1	\$3,000 to \$5,999.....	95	41	463	36	4.9
West.....	42	18	220	17	5.2	\$6,000 to \$9,999.....	69	30	399	31	5.8
						\$10,000 and over.....	32	14	219	17	6.8

<sup>1</sup> A trip involves 1 person being out of town at least overnight or taking a 1-day round trip to a place that is at least 100 miles (1 way) away from home. A round trip starts and ends in the traveler's home locality. If 2 persons in the same household take a round trip together, 2 round trips are counted.

<sup>2</sup> Days spent away from home locality by 1 person on a round trip.

<sup>3</sup> Includes both "direct business" in which the traveler goes principally for business reasons, and "indirect business" in which others in the household accompany the person who went for business purposes.

<sup>4</sup> Includes Alaska, Hawaii, and outlying and foreign areas.

Source: Department of Commerce, Bureau of the Census; *Travel Survey—1957*.

## No. 277. FOREIGN TRAVEL—TRAVELERS AND EXPENDITURES: 1929 TO 1960

[Travelers in thousands; expenditures in millions of dollars. Covers residents of conterminous U.S., Alaska, Hawaii, and Puerto Rico]

ITEM AND COUNTRY	1929	1937	1947	1950	1955	1957	1958	1959	1960
<b>NUMBER OF TRAVELERS<sup>1</sup></b>									
Total, overseas.....	517	435	435	676	1,075	1,369	1,398	1,518	1,634
<b>Means of transport from U.S.:</b>									
Sea.....	(2)	(2)	(2)	298	318	303	292	279	317
Air.....	(2)	(2)	(2)	378	757	1,066	1,106	1,237	1,317
<b>Region and country:</b>									
Europe and Mediterranean.....	350	248	149	302	482	556	637	705	832
West Indies and Central America.....	130	153	245	323	522	704	645	677	641
South America.....	8	9	27	38	34	51	52	59	71
Other.....	28	24	14	13	37	68	64	75	90
<b>EXPENDITURES<sup>3</sup></b>									
Total.....	688	470	716	1,022	1,612	1,955	2,140	2,380	2,640
<b>Transportation:<sup>4</sup></b>									
Foreign flag carriers.....	164	95	55	145	201	261	320	389	400
United States flag carriers.....	41	27	88	123	258	322	360	390	435
<b>Expenditures abroad:</b>									
Canada.....	178	156	241	261	306	340	323	365	380
Mexico.....	36	44	140	172	255	305	319	350	395
Total overseas areas.....	269	148	192	321	592	727	818	895	1,000
Europe and Mediterranean.....	213	97	107	225	430	483	560	604	704
West Indies and Central America.....	37	35	56	61	107	163	156	174	166
South America.....	5	4	16	22	22	37	37	41	46
Other.....	14	12	13	13	38	54	65	76	85

<sup>1</sup> Excludes the following: Travel to Canada and Mexico; travel between conterminous U.S. and Alaska, Hawaii, Puerto Rico, and the Virgin Islands; cruise travelers; military personnel and other Government employees and their dependents stationed abroad; and U.S. citizens residing abroad. <sup>2</sup> Not available. <sup>3</sup> Includes shore expenditures of cruise travelers; excludes travel expenditures of military personnel and other Government employees and their dependents stationed abroad, and U.S. citizens residing abroad. <sup>4</sup> Excludes passenger fares of emigrant aliens.

## No. 278. TRAVEL TO EUROPE AND THE MEDITERRANEAN AREA—TRAVELERS AND AVERAGE EXPENDITURE: 1950 TO 1960

[Travelers in thousands. Covers residents of conterminous U.S., Alaska, Hawaii, and Puerto Rico, except as noted. For definitions of terms, see table 277]

ITEM	1950	1955	1956	1957	1958	1959	1960
Total travelers.....	302	482	521	556	637	705	832
U.S. born.....	(1)	299	326	354	422	465	569
Foreign born.....	(1)	183	195	202	215	240	263
<b>Means of transport from U.S.:</b>							
Sea.....	(1)	214	226	205	218	204	230
First class.....	(1)	56	59	50	60	(1)	(1)
Cabin class <sup>2</sup> .....	(1)	50	63	57	57	(1)	(1)
Tourist class <sup>3</sup> .....	(1)	99	104	98	101	(1)	(1)
Air.....	(1)	268	295	351	419	501	602
First class.....	(1)	83	84	91	97	(1)	(1)
Tourist class <sup>3</sup> .....	(1)	185	211	260	94	(1)	(1)
Economy class <sup>4</sup> .....					228	(1)	(1)
<b>Average expenditure and stay:</b>							
Average per trip <sup>5</sup> ..... dollars.....	742	889	905	807	876	851	841
Average length of stay..... days.....	7.64	59	50	52	50	(1)	(1)
Average per day..... dollars.....	7 12.04	15.88	18.10	16.67	17.52	(1)	(1)

<sup>1</sup> Not available. <sup>2</sup> Includes travelers using first-class accommodations costing less than \$325.

<sup>3</sup> Includes travelers using freighter, combination type, or tourist class accommodations.

<sup>4</sup> Includes travelers using chartered planes. <sup>5</sup> Originated in April 1958.

<sup>6</sup> Excludes transatlantic passenger fares. <sup>7</sup> U.S. citizens only.

## No. 279. FOREIGN TRAVEL TO THE UNITED STATES—TRAVELERS, 1955 TO 1960, AND EXPENDITURES, 1947 TO 1960

[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]

AREA OF ORIGIN	TRAVELERS (1,000)				EXPENDITURES (\$1,000,000)					
	1955	1958	1959	1960	1947	1950	1955	1958	1959	1960
Total.....	(1)	(1)	(1)	(1)	364	419	654	825	902	968
Canada.....	(1)	(1)	(1)	(1)	152	193	304	425	462	469
Mexico.....	(1)	(1)	(1)	(1)	64	69	110	144	160	182
Overseas areas.....	332	472	544	602	148	157	180	256	280	317
Europe and Mediterranean.....	131	190	233	274	64	56	61	86	98	115
West Indies, Central America, and South America.....	169	225	243	249	63	77	93	125	133	133
Other.....	32	57	68	79	22	24	26	45	49	69

<sup>1</sup> Not available.

Source of tables 277-279: Department of Commerce, Office of Business Economics; *Survey of Current Business*, and records.

## Section 8

### Labor Force, Employment, and Earnings

This section presents statistics dealing with the characteristics of the economically active segment of the population, 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 Bureau of the Census' Decennial Census of Population (see text, p. 1); the Bureau of Labor Statistics' *Employment and Earnings*, *Monthly Labor Review*, and *Monthly Report on the Labor Force*; and the monthly report of the Statistical Reporting Service of the Department of Agriculture, *Farm Labor*.

Statistics shown in this section are of two types. One type is obtained by the "population approach" represented by the Census of Population of the Bureau of the Census and by the monthly labor force survey of the Bureau of Labor Statistics, for which data are collected by the Bureau of the Census as a part of the Current Population Survey (see text, p. 2). This approach involves direct enumeration and interrogation to obtain information on employment activity from workers or members of workers' households. Each employed worker is counted only once, even though he may have held two or more jobs during a given period.

The second type of data is obtained by the "establishment approach," represented by the industry surveys of the Bureau of Labor Statistics and the surveys of the Department of Agriculture's Statistical Reporting Service. These data are based on reports from employers, i.e., farms, businesses, or industrial establishments. Such data as wages, hours worked, labor turnover, and industry affiliation of employees can be more accurately obtained from employers' records than from inquiries directed to a worker or a member of his household. Workers appearing on more than one payroll for the same time period are counted more than once in establishment statistics.

The Census of Population provides detailed data for the United States and for each State, city, and other area. It includes personal characteristics (sex, age, race, etc.) of the numbers employed and unemployed, the numbers reported in each occupation and industry, and other items. The labor force survey provides current data published in *Employment and Earnings* and in related publications series of the *Bureau of Labor Statistics*. Data presented include national totals, by sex and age, of the number of persons in the civilian labor force, the number employed in nonagricultural industries and in agriculture, the number unemployed, and the number of nonworkers. Also provided are data on hours of work and major occupation groups of those employed, and duration of unemployment of those unemployed.

In addition, the Bureau of Labor Statistics' *Employment and Earnings* provides detailed monthly data on employment, unemployment, payrolls, labor turnover, earnings, and hours. These data are shown for broad groupings in the *Monthly Labor Review*, which also presents statistics on wage rates, industrial relations, and output per man-hour. Certain of these data are shown for States and large cities. Historical statistics for the United States are shown in the Bureau of Labor Statistics' Bulletin No. 1312, *Employment and Earnings Statistics for the United States, 1909-60*.

**Labor force.**—The labor force data published by the Bureau of Labor Statistics and by the Bureau of the Census include persons 14 years old and over who were employed, unemployed, or in the Armed Forces during a specified week. Employed persons include those who did any work for pay or profit during the week, worked without pay for 15 hours or more in a family enterprise (farm or business), or did not work or look for work but had a job or business from which they were temporarily absent during the week. Unemployed persons comprise those who did not work at all during the week but were looking for work or were on layoff from a job.

In the 1960 Census, the labor force data relate to the first or second week of April for the majority of the population. "Experienced civilian labor force" refers to all employed workers and unemployed workers with previous work experience.

**Employment and earnings.**—The monthly estimates of nonagricultural employment prepared by the Bureau of Labor Statistics are based on voluntary reports from establishments which employed 11 million manufacturing workers in March 1959 (66 percent of total manufacturing employment at that time) and 7 million workers in nonmanufacturing industries except Government (28 percent of the total in nonmanufacturing industries). These reports are supplemented by data from other Government agencies and adjusted at intervals to data from tabulations of reports under Government social insurance programs. The monthly estimates exclude persons not normally on establishment payrolls, such as proprietors of unincorporated businesses, self-employed persons, domestic servants, unpaid family workers, agricultural workers, and persons in the Armed Forces. The employment data are for all employees, whether full- or part-time, who received pay for any part of the period reported.

Estimates are available on a continuous basis from 1919 for total nonfarm payroll employment and the 8 major industry divisions. Estimates for other periods are available for several hundred selected industries. Both total employment and production-worker estimates are published for 21 major manufacturing groups, 240 manufacturing subgroups, and for mining industries. Also, estimates for nonsupervisory workers are published for individual wholesale trade, retail trade, public utility, and some finance and service industries. Estimates for construction workers are published for the contract construction industries.

Average weekly hours and average weekly and hourly earnings are available for production and related workers for over 300 series in manufacturing; in mining, laundries, and cleaning and dyeing industries; and for nonsupervisory employees and working supervisors in other selected nonmanufacturing industries. The earnings data are gross (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.

Agricultural employment estimates and wage rates, obtained by means of monthly mail returns, have been issued since 1909 by the Department of Agriculture and appear monthly in *Farm Labor*.

**Output per man-hour.**—The Bureau of Labor Statistics prepares and publishes annual measures of output per man-hour according to two broad concepts. The first, physical output per man-hour, deals with the relationship between production in physical units and man-hours used in production. The indexes measure the relationships between the volume of goods produced and one factor of input—labor time. They do not measure the specific contribution of labor or capital nor do they measure increased efficiency resulting from more economical use of fuels and materials or more efficient integration of industries. The indexes of output per man-hour for selected industries are based on this concept.

The other concept of productivity measurement, net output per man-hour, deals with the relationship between value added (at fixed prices) and man-hours. These indexes reflect not only average productivity change of industry components, but shifts among industries, and savings in materials consumption.

**Labor turnover.**—Labor turnover rates are published monthly in the *Monthly Labor Review* and in *Employment and Earnings* for over 200 industries on the basis of reports from cooperating establishments employing almost 10 million workers (about 55 percent of the universe surveyed). Labor turnover data are available on a monthly

basis from January 1930 for manufacturing as a whole. Labor turnover rates for individual industries and industry groups are available on a continuous basis only from January 1958.

**Work stoppages.**—The basic measures of strike statistics compiled by the Bureau of Labor Statistics are the number of stoppages, of workers involved, and of man-days of idleness. Basic statistical data are obtained from the employers and unions involved. Knowledge of strikes comes from a variety of sources, including newspapers, State employment services, and State and Federal mediation services. The Bureau prepares annual reports published in the *Monthly Labor Review* and, later, in bulletin form, giving total figures for each month of the year and analyses of strikes by industry, State, city, causes, and other pertinent classifications.

**Alaska and Hawaii.**—For a general statement concerning the treatment of data for Alaska and Hawaii, see preface. "Conterminous area" refers to the United States excluding Alaska, Hawaii, and outlying areas.

**Historical statistics.**—*Tabular headnotes* (as "See also *Historical Statistics, Colonial Times to 1967*, series D 1-14") provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

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#### Technical Note—Current Population Survey

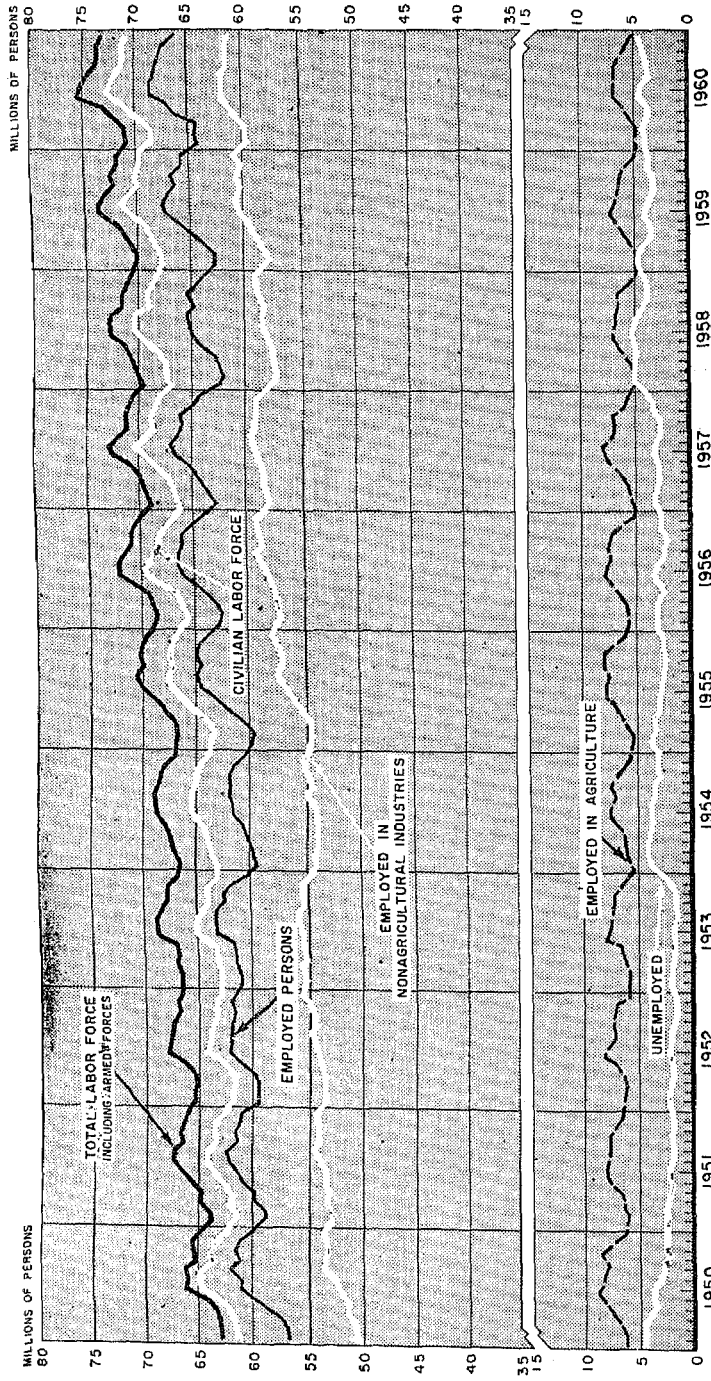
**Source of data.**—The Current Population Survey is a monthly sample survey conducted by the Bureau of the Census. Monthly data on the labor force are collected and compiled for the Bureau of Labor Statistics as a part of the Current Population Survey. The current sample design, instituted in May 1956, is spread over 333 areas comprising 641 counties and independent cities, with coverage in each of the 50 States and the District of Columbia. Approximately 35,000 households are interviewed each month. Another 1,500 occupied dwelling units, on the average, are visited but interviews are not obtained because the occupants are not found at home after repeated calls or are unavailable for some other reason. There are also about 5,500 sample units in an average month which are visited but are found to be vacant or otherwise not to be enumerated. Data on the Armed Forces are obtained from the Department of Defense.

**Reliability of the estimates.**—According to current computations, the relative sampling error for summary estimates such as civilian labor force, total employment, and nonagricultural employment is about 0.4 percent; for agricultural employment and for unemployment, it is roughly 3 to 4 percent. The chances are about 2 out of 3 that an estimate from the sample would differ from a complete census by less than the percentage estimated above for the particular item. The chances are about 19 out of 20 that the difference would be less than twice the specified percentage and about 99 out of 100 that it would be less than  $2\frac{1}{2}$  times the percentage.

The sampling variability indicated above is illustrative of the variability of data based on the Current Population Survey. For further details on the sampling variability, see the *original releases* of the Bureau of the Census and explanatory notes in the Bureau of Labor Statistics *Employment and Earnings*.

**Comparability with Decennial Population Census data.**—Statistics obtained from the Current Population Survey may differ from Decennial Census data because of sampling variability, as described above. In addition, comparability between the two sets of data may be affected by other factors, such as differences in the training and experience of enumerators and in the enumeration procedures. For further information, see *U.S. Census of Population: 1960*, Vol. I.

FIG. XII. TRENDS IN THE LABOR FORCE: 1950 TO 1960  
[See table 280]



Source: Chart prepared by Department of Commerce, Bureau of the Census. Data for 1950-June 1959 are from Bureau of the Census; thereafter, Department of Labor, Bureau of Labor Statistics.



# No. 280. EMPLOYMENT STATUS OF THE NONINSTITUTIONAL POPULATION, BY SEX: 1940 TO 1962

[In thousands of persons 14 years old and over. Beginning 1960, includes Alaska and Hawaii. Annual figures are averages of monthly figures. Data for 1947-1956 adjusted to reflect changes in definition of employment and unemployment adopted in January 1957. Beginning 1953, labor force and employment figures not strictly comparable with previous years as a result of the introduction of material from the 1950 Census into estimating procedure. See also *Historical Statistics, Colonial Times to 1957*, series D 1-14 and D 20, for similar but not exactly comparable data.]

YEAR OR MONTH	Total noninstitutional population <sup>1</sup>	LABOR FORCE								NOT IN LABOR FORCE			
		Total, including Armed Forces	Civilian labor force						Total	Keeping house	In school	Other	
			Total	Employed			Unemployed						
				Total	Agricultural	Non-agricultural	Number	Percent					
TOTAL													
1940.....	100,380	56,180	55,640	47,520	9,540	37,980	8,120	14.6	44,200				
1945.....	105,520	65,290	53,860	52,820	8,580	44,240	1,040	1.9	40,230	27,760	4,830	7,640	
1946.....	106,520	60,970	57,520	55,250	8,320	46,930	2,270	3.9	45,550	31,020	6,260	8,170	
1947.....	107,608	61,758	60,168	57,812	8,256	49,557	2,356	3.9	45,850	32,441	6,446	6,962	
1948.....	108,632	62,898	61,442	59,117	7,960	51,156	2,325	3.8	45,733	32,850	6,178	6,706	
1949.....	109,773	63,721	62,105	58,423	8,017	50,406	3,682	5.9	46,051	33,067	6,093	6,891	
1950.....	110,929	64,749	63,099	59,748	7,407	52,251	3,351	5.3	46,181	33,058	6,197	6,926	
1951.....	112,075	65,983	62,884	60,784	7,048	53,736	2,099	3.3	46,092	33,105	5,829	7,159	
1952.....	113,270	66,560	62,966	61,035	6,792	54,242	1,931	3.1	46,710	33,334	6,040	7,335	
1953.....	115,094	67,362	63,815	61,045	6,555	55,390	1,870	2.9	47,732	34,025	6,034	7,675	
1954.....	116,219	67,818	64,468	60,890	6,495	54,395	3,578	5.6	48,401	33,893	6,310	8,198	
1955.....	117,388	68,856	65,847	62,044	6,718	56,225	2,903	4.4	48,492	33,722	6,569	8,201	
1956.....	118,734	70,387	67,530	64,708	6,572	58,135	2,822	4.2	48,348	33,399	6,593	8,356	
1957.....	120,445	70,744	67,946	65,011	6,222	58,789	2,936	4.3	49,699	33,892	7,047	8,759	
1958.....	121,950	71,284	68,647	63,966	5,844	58,122	4,081	6.8	50,666	34,233	7,524	8,900	
1959.....	123,366	71,946	69,394	65,581	5,836	59,745	3,813	5.5	51,420	34,487	7,761	9,172	
1960.....	125,368	73,126	70,612	66,681	5,723	60,958	3,931	5.6	52,242	34,543	8,162	9,588	
1961.....	127,852	74,175	71,603	68,796	5,463	61,333	4,806	6.7	53,677	34,897	9,001	9,779	
Mar.....	127,115	73,540	71,011	65,516	4,977	60,539	5,495	7.7	53,574	34,191	11,270	8,113	
1962, Mar.....	129,471	73,582	70,697	66,316	4,782	61,533	4,382	6.2	55,889	35,084	12,300	8,505	
MALE													
1940.....	50,080	42,020	41,480	35,550	8,450	27,100	5,930	14.3	8,060				
1950.....	54,526	46,069	44,442	42,162	6,271	35,891	2,280	5.1	8,457	81	3,244	5,132	
1951.....	54,996	46,674	43,612	42,362	5,791	36,571	1,250	2.9	9,322	98	2,940	5,284	
1952.....	55,503	47,001	43,454	42,237	5,623	36,614	1,217	2.8	8,502	69	3,002	5,431	
1953.....	56,534	47,692	44,194	42,966	5,496	37,470	1,228	2.8	8,540	85	2,987	5,768	
1954.....	57,016	47,847	44,537	42,165	5,429	36,736	2,372	5.3	9,169	111	3,152	5,906	
1955.....	57,484	48,054	45,041	43,152	5,479	37,673	1,889	4.2	9,430	76	3,313	6,042	
1956.....	58,044	48,579	45,756	43,999	5,268	38,731	1,757	3.8	9,465	93	3,289	6,083	
1957.....	58,813	48,649	45,882	43,990	5,037	38,952	1,893	4.1	10,164	94	3,546	6,524	
1958.....	59,478	48,802	46,197	43,042	4,802	38,240	3,155	6.8	10,677	102	3,800	6,774	
1959.....	60,100	49,081	46,562	44,089	4,749	39,340	2,473	5.3	11,019	83	3,871	7,065	
1960.....	61,000	49,507	47,025	44,485	4,678	39,807	2,541	5.4	11,493	87	4,097	7,310	
1961.....	62,147	49,918	47,378	44,318	4,508	39,811	3,060	6.5	12,229	106	4,560	7,563	
Mar.....	61,801	49,309	46,812	43,103	4,258	38,845	2,709	7.9	12,491	97	5,731	6,663	
1962, Mar.....	62,896	49,436	46,585	43,697	4,144	39,553	2,888	6.2	13,459	122	6,274	7,063	
FEMALE													
1940.....	50,300	14,160	14,160	11,970	1,090	10,880	2,190	15.5	36,140				
1950.....	56,404	18,680	18,057	17,584	1,226	16,358	1,073	5.8	37,724	32,977	2,954	1,794	
1951.....	57,078	19,309	19,272	18,421	1,257	17,164	851	4.4	37,770	33,007	2,888	1,875	
1952.....	57,766	19,558	19,513	18,798	1,170	17,628	715	3.7	38,208	33,266	3,038	1,904	
1953.....	58,561	19,668	19,621	18,979	1,061	17,918	642	3.3	38,893	33,940	3,047	1,907	
1954.....	59,203	19,971	19,931	18,724	1,067	17,657	1,207	6.1	39,232	33,782	3,158	2,292	
1955.....	59,994	20,842	20,806	19,790	1,239	18,551	1,016	4.9	39,062	33,646	3,256	2,160	
1956.....	60,890	21,808	21,774	20,707	1,306	19,401	1,067	4.9	38,883	33,306	3,304	2,272	
1957.....	61,632	22,097	22,064	21,021	1,184	19,837	1,043	4.7	39,535	33,798	3,501	2,235	
1958.....	62,472	22,482	22,451	20,924	1,042	19,882	1,526	6.8	39,890	34,131	3,724	2,135	
1959.....	63,265	22,865	22,832	21,492	1,087	20,405	1,340	5.9	40,401	34,404	3,890	2,107	
1960.....	64,368	23,610	23,587	22,195	1,045	21,151	1,890	5.9	40,749	34,456	4,065	2,228	
1961.....	65,705	24,257	24,225	22,478	955	21,523	1,747	7.2	41,448	34,791	4,440	2,216	
Mar.....	65,315	24,232	24,199	22,413	718	21,695	1,786	7.4	41,083	34,094	5,539	1,450	
1962, Mar.....	66,576	24,146	24,112	22,619	638	21,980	1,493	6.2	42,430	34,962	6,026	1,442	

<sup>1</sup> Excludes inmates of penal and mental institutions and homes for the aged, infirm, and needy.

## No. 281. TOTAL LABOR FORCE, BY AGE AND SEX: 1945 TO 1962

[In thousands of persons 14 years old and over. Beginning 1960, includes Alaska and Hawaii. Includes Armed Forces abroad. See headnote, table 280. See also *Historical Statistics, Colonial Times to 1957*, series D 13-25]

YEAR OR MONTH	MALE						FEMALE					
	Total	14 to 19 years	20 to 24 years	25 to 44 years	45 to 64 years	65 and over	Total	14 to 19 years	20 to 24 years	25 to 44 years	45 to 64 years	65 and over
1945.....	46,020	4,530	5,760	19,000	13,370	2,460	10,280	2,720	3,300	8,350	4,420	490
1950.....	46,069	3,444	5,224	20,996	13,952	2,453	18,080	1,982	2,681	8,267	5,167	584
1955.....	48,054	3,378	4,851	22,297	15,002	2,526	20,842	1,987	2,458	9,069	6,546	780
1956.....	48,579	3,612	4,814	22,284	15,267	2,604	21,808	2,182	2,467	9,321	7,017	821
1957.....	48,649	3,660	4,781	22,293	15,428	2,477	22,097	2,198	2,453	9,384	7,249	813
1958.....	48,802	3,627	4,840	22,269	15,677	2,379	22,482	2,171	2,510	9,391	7,689	822
1959.....	49,081	3,718	4,987	22,216	15,838	2,321	22,865	2,251	2,484	9,328	7,966	836
1960.....	49,507	3,821	5,080	22,270	16,039	2,287	23,619	2,409	2,590	9,447	8,266	907
1961.....	49,918	3,954	5,187	22,283	16,276	2,220	24,257	2,567	2,708	9,545	8,510	929
March.....	49,309	3,370	5,068	22,269	16,266	2,841	24,232	2,249	2,718	9,709	8,590	905
1962, March...	49,496	3,478	5,140	22,231	16,378	2,216	24,146	2,293	2,654	9,612	8,643	944

Source: 1945-June 1959, Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-50 and P-57. Beginning July 1959, Department of Labor, Bureau of Labor Statistics; *Employment and Earnings*.

## No. 282. TOTAL LABOR FORCE AND LABOR FORCE PARTICIPATION RATES, BY AGE AND SEX: 1955 AND PROJECTIONS, 1965 TO 1975

[Persons 14 years old and over. Excludes Alaska and Hawaii. Annual averages. Rate represents the proportion of each age group in the labor force (employed, unemployed, or in the Armed Forces). Projections based on average annual rates of change in labor force participation rates between 1920 and the average of April 1954, 1955, and 1956]

AGE AND SEX	TOTAL LABOR FORCE (1,000)				LABOR FORCE PARTICIPATION RATES			
	1955 (actual)	1965	1970	1975	1955 (actual)	1965	1970	1975
Total.....	68,899	79,872	87,092	94,775	58.0	57.8	57.8	57.9
Male, 14 years and over.....	48,040	53,206	57,443	62,353	82.3	79.1	78.4	78.4
14 to 19 years.....	3,378	5,034	5,534	5,896	49.0	47.2	46.6	46.0
14 to 17 years.....	1,006	2,549	2,783	2,891	30.1	34.9	34.4	34.2
18 and 19 years.....	1,082	2,485	2,751	3,005	76.5	73.7	72.0	72.1
20 to 24 years.....	4,832	6,923	7,587	8,423	89.5	87.0	86.3	86.0
25 to 34 years.....	11,402	10,836	12,173	15,123	96.5	96.5	96.5	96.5
35 to 44 years.....	10,835	11,544	10,999	10,940	96.9	96.9	96.9	96.9
45 to 54 years.....	8,878	10,200	10,725	10,917	95.1	95.1	95.1	95.1
55 to 64 years.....	6,129	7,036	7,721	8,183	86.4	86.4	86.4	86.4
65 years and over.....	2,525	2,633	2,704	2,871	38.5	34.0	32.2	31.0
Female, 14 years and over.....	20,859	26,666	29,649	32,422	34.5	37.6	38.3	38.5
14 to 19 years.....	1,987	2,896	3,180	3,374	29.7	28.2	27.8	27.0
14 to 17 years.....	809	1,448	1,588	1,642	19.8	20.6	20.4	20.4
18 and 19 years.....	1,088	1,448	1,592	1,732	50.9	44.7	43.6	42.7
20 to 24 years.....	2,458	3,032	3,860	4,311	45.8	45.3	45.2	45.2
25 to 34 years.....	4,206	4,372	4,905	6,077	34.8	38.7	38.9	39.1
35 to 44 years.....	4,814	5,631	5,470	5,478	41.4	45.5	47.0	47.0
45 to 54 years.....	4,100	6,941	6,555	6,814	43.5	52.1	54.5	56.0
55 to 64 years.....	2,594	3,636	4,813	4,779	32.2	40.6	43.0	44.4
65 years and over.....	780	1,158	1,360	1,589	10.3	11.7	12.2	12.6

Source: 1955, Department of Commerce, Bureau of the Census; 1965-1975, Department of Labor, Bureau of Labor Statistics; *Population and Labor Force Projections for the United States, 1960-1975*, Bulletin No. 1242.

# Unemployment

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## No. 283. UNEMPLOYED PERSONS, BY AGE AND SEX: 1957 TO 1962

[In thousands of persons 14 years old and over. Beginning 1960, includes Alaska and Hawaii. See headnote, table 280]

YEAR OR MONTH	Total unemployed	14 to 19 years	20 TO 24 YEARS		25 TO 44 YEARS		45 TO 64 YEARS		65 AND OVER	
			Male	Female	Male	Female	Male	Female	Male	Female
1957.....	2,936	574	283	147	653	419	522	226	83	28
1958.....	4,681	757	478	223	1,237	627	841	361	124	31
1959.....	3,813	727	343	200	890	508	677	333	112	23
1960.....	3,931	792	369	214	907	516	686	323	96	25
1961.....	4,806	921	457	265	1,092	616	847	419	122	36
January.....	5,385	783	554	252	1,457	667	1,072	426	128	46
February.....	5,705	810	581	276	1,522	764	1,123	464	137	27
March.....	5,495	827	576	291	1,421	689	1,055	456	138	43
June.....	5,580	1,764	488	300	1,011	665	711	479	120	42
September.....	4,085	797	329	265	837	627	698	376	110	48
December.....	4,091	669	425	214	950	525	827	351	107	21
1962:										
January.....	4,663	709	470	262	1,138	668	809	399	113	34
February.....	4,543	751	451	220	1,120	594	851	395	125	36
March.....	4,382	718	447	263	1,071	566	833	350	108	26

## No. 284. UNEMPLOYED PERSONS, BY DURATION OF UNEMPLOYMENT: 1950 TO 1962

[In thousands of persons 14 years old and over. Beginning 1960, includes Alaska and Hawaii. See headnote, table 280. See also *Historical Statistics, Colonial Times to 1957*, series D 4, and, for similar but not exactly comparable data, series D 46-47]

YEAR OR MONTH	Civilian labor force	UNEMPLOYED							Average duration of unemployment in weeks
		Total	Percent of civilian labor force	Percent without work for—					
				4 weeks or less	5 to 10 weeks	11 to 14 weeks	15 to 26 weeks	Over 26 weeks	
1950.....	63,099	3,351	5.3	45.2	22.5	9.0	12.7	10.7	12.1
1953.....	63,815	1,870	2.9	63.0	19.1	6.6	7.1	4.2	8.1
1954.....	64,468	3,578	5.6	46.1	22.6	8.5	13.8	8.9	11.7
1955.....	65,847	2,903	4.4	47.8	20.6	7.5	12.6	11.6	13.2
1956.....	67,530	2,822	4.2	52.6	21.0	7.5	10.7	8.2	11.3
1957.....	67,946	2,936	4.3	50.6	22.1	8.2	10.9	8.1	10.4
1958.....	68,647	4,681	6.8	39.2	20.5	9.4	16.8	14.2	13.8
1959.....	69,394	3,813	5.5	43.5	20.4	8.8	12.3	15.0	14.5
1960.....	70,612	3,931	5.6	45.8	20.9	9.0	12.8	11.5	12.8
1961.....	71,603	4,806	6.7	39.5	20.1	8.6	15.2	16.7	15.5
March.....	71,011	5,495	7.7	31.5	20.0	14.7	19.3	14.5	15.4
1962, March.....	70,697	4,382	6.2	36.0	17.0	13.1	17.1	16.8	16.5

## No. 285. PERSONS WITH A JOB BUT NOT AT WORK, BY REASON FOR NOT WORKING, AND SPECIFIED GROUPS OF UNEMPLOYED PERSONS: 1957 TO 1962

[In thousands of persons 14 years old and over. Beginning 1960, includes Alaska and Hawaii. See headnote, table 280]

YEAR OR MONTH	PERSONS WITH A JOB BUT NOT AT WORK								Specified groups of unemployed persons	
	All industries	Agri-culture	Non-agri-cultural industries	Reason for not working, all industries						
				Bad weather	Industrial dispute	Vacation	Illness	All others	Temporary layoff	New wage and salary job <sup>1</sup>
1957.....	3, 017	196	2, 821	139	45	1, 447	962	425	150	110
1958.....	3, 076	199	2, 877	182	59	1, 479	882	474	166	120
1959.....	3, 161	186	2, 974	115	160	1, 494	907	484	128	134
1960.....	3, 231	190	3, 042	168	40	1, 576	942	505	147	119
1961.....	3, 146	200	2, 946	143	56	1, 492	898	556	149	129
January.....	2, 045	256	1, 789	194	20	337	979	515	206	54
February.....	2, 173	240	1, 933	260	12	430	997	474	260	71
March.....	2, 044	228	1, 816	213	10	407	942	471	210	101
June.....	3, 839	150	3, 688	75	18	2, 178	807	761	127	311
September.....	2, 928	181	2, 747	88	229	1, 336	849	427	113	160
December.....	2, 170	273	1, 897	372	26	409	858	505	130	83
1962:										
January.....	2, 681	296	2, 386	698	39	322	1, 036	587	186	100
February.....	2, 570	243	2, 328	275	37	396	1, 124	639	95	82
March.....	2, 130	201	1, 929	201	27	374	1, 040	487	115	80

<sup>1</sup> Persons waiting to report to new wage and salary job within 30 days who were not in school during the survey week.

Source of tables 283-285: Department of Labor, Bureau of Labor Statistics; *Employment and Earnings*, and records.

**No. 286. EXPERIENCED CIVILIAN LABOR FORCE, BY SEX AND AGRICULTURAL AND NONAGRICULTURAL OCCUPATIONS: 1940, 1950, AND 1960**

[In thousands of persons 14 years old and over, except percent. Beginning 1960, includes Alaska and Hawaii. For definition of experienced civilian labor force, see text, p. 212]

YEAR	Population	EXPERIENCED CIVILIAN LABOR FORCE						
		Total	Sex		Occupation <sup>1</sup>			
			Male	Female	Agricultural		Nonagricultural <sup>2</sup>	
					Number	Percent	Number	Percent
1940.....	101,458	51,034	39,319	12,615	8,894	17.1	43,040	82.9
1950.....	112,801	59,230	42,722	16,507	6,888	11.6	52,372	88.4
1960.....	126,277	67,990	45,686	22,304	3,950	5.8	64,040	94.2

<sup>1</sup> Data not adjusted for relatively minor differences in agricultural and nonagricultural occupations.

<sup>2</sup> Includes persons in experienced civilian labor force who did not report occupation.

Source: Department of Commerce, Bureau of the Census: *U.S. Census of Population: 1960*, Vol. II, and records.

**No. 287. EMPLOYMENT STATUS OF THE CIVILIAN NONINSTITUTIONAL POPULATION, BY COLOR AND SEX: 1961 AND 1962**

[In thousands of persons 14 years old and over. Includes Alaska and Hawaii. See headnote, table 280]

EMPLOYMENT STATUS	MALE				FEMALE			
	White		Nonwhite		White		Nonwhite	
	1961	March 1962	1961	March 1962	1961	March 1962	1961	March 1962
Total.....	53,527	53,869	6,080	6,155	58,781	59,534	6,891	7,008
Civilian labor force.....	42,635	41,925	4,743	4,661	21,044	21,017	3,180	3,095
Employed.....	40,185	39,641	4,133	4,056	19,075	19,896	2,803	2,722
Agriculture.....	3,871	3,595	636	548	728	567	227	71
Nonagricultural industries.....	36,314	36,046	3,497	3,508	18,947	19,329	2,576	2,651
Unemployed.....	2,450	2,284	610	604	1,369	1,120	377	373
Not in labor force.....	10,893	11,964	1,336	1,495	37,737	38,518	3,710	3,912

Source: Department of Labor, Bureau of Labor Statistics; *Employment and Earnings*.

**No. 288. WORK EXPERIENCE DURING YEAR OF THE CIVILIAN NONINSTITUTIONAL POPULATION: 1955, 1959, AND 1960**

[In thousands of persons 14 years old and over. Beginning 1959, includes Alaska and Hawaii. Population figures as of January or February of following year]

WORK EXPERIENCE DURING YEAR	1955		1959		1960	
	Number	Percent	Number	Percent	Number	Percent
Total civilian noninstitutional population.....	115,164	-----	122,195	-----	124,384	-----
Total who worked during year.....	75,353	100.0	78,162	100.0	80,618	100.0
Worked at full-time jobs 50 to 52 weeks.....	42,624	56.6	42,030	53.8	43,265	53.7
Worked at full-time jobs 27 to 49 weeks.....	11,952	15.9	12,515	16.0	12,132	15.0
27 to 39 weeks.....	4,680	6.2	5,089	6.5	4,943	6.1
40 to 47 weeks.....	4,723	6.3	4,926	6.3	4,740	5.9
48 to 49 weeks.....	2,549	3.4	2,500	3.2	2,449	3.0
Worked part-time or intermittently.....	20,777	27.5	23,617	30.2	25,221	31.3
Worked at full-time jobs 13 weeks or less.....	4,060	5.4	4,314	5.5	4,297	5.3
Worked at full-time jobs 14 to 26 weeks.....	3,945	5.2	4,145	5.3	4,459	5.5
Worked at part-time jobs.....	12,772	16.9	15,158	19.4	16,465	20.4
Male civilian noninstitutional population.....	54,876	-----	58,222	-----	59,208	-----

Source: 1955, Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-50, No. 68. Beginning 1959, Department of Labor, Bureau of Labor Statistics; *Special Labor Force Report*, Nos. 11 and 19.

**No. 289. CIVILIANS EMPLOYED IN AGRICULTURE AND IN NONAGRICULTURAL INDUSTRIES, BY HOURS WORKED DURING THE SURVEY WEEK: 1950 TO 1962**

[In thousands of persons 14 years old and over. Beginning 1960, includes Alaska and Hawaii. Distribution by hours worked affected by occurrence of legal holidays in some survey weeks (calendar weeks containing 8th of each month prior to July 1955; thereafter calendar weeks containing 12th of each month). See headline, table 280]

YEAR OR MONTH	EMPLOYED IN AGRICULTURE					EMPLOYED IN NONAGRICULTURAL INDUSTRIES				
	Total	Worked 35 hours or more	Worked 15 to 34 hours	Worked 1 to 14 hours	With a job but not at work <sup>1</sup>	Total	Worked 35 hours or more	Worked 15 to 34 hours	Worked 1 to 14 hours	With a job but not at work <sup>1</sup>
1950.....	7,497	5,394	1,589	294	221	52,251	39,858	8,170	1,997	2,218
1951.....	7,048	5,108	1,486	263	191	53,736	42,554	6,898	2,016	2,268
1952.....	6,792	4,992	1,418	201	181	54,242	44,559	5,478	1,831	2,375
1953.....	6,555	4,843	1,326	209	177	55,300	44,388	6,793	1,850	2,353
1954.....	6,495	4,710	1,312	292	181	54,395	40,050	9,715	2,122	2,507
1955.....	6,718	4,888	1,332	314	184	56,225	45,045	6,422	2,261	2,497
1956.....	6,572	4,578	1,390	416	179	58,135	46,063	6,715	2,648	2,709
1957.....	6,222	4,197	1,413	416	166	58,789	46,238	6,953	2,777	2,821
1958.....	5,844	3,827	1,361	457	109	58,122	44,873	7,324	3,047	2,877
1959.....	5,836	3,852	1,356	442	186	59,745	45,068	8,531	3,172	2,974
1960.....	5,723	3,811	1,279	444	190	60,958	46,388	8,249	3,270	3,042
1961.....	5,463	3,540	1,245	477	200	61,333	47,257	7,522	3,610	2,946
March.....	4,977	3,122	1,195	432	228	60,539	47,301	7,522	3,900	1,816
1962, March.....	4,782	3,032	1,118	432	201	61,533	48,386	7,304	3,915	1,929

<sup>1</sup> Persons who had a job or business, but who did not work at all during entire survey week because of illness, bad weather, vacation, industrial dispute, or various personal reasons.

Source: Department of Labor, Bureau of Labor Statistics; *Employment and Earnings*, and records.

**No. 290. EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS—ANNUAL AVERAGES, BY INDUSTRY DIVISION: 1940 TO 1962**

[In thousands. Beginning 1959, includes Alaska and Hawaii. Includes all full- and part-time employees who worked during, or received pay for, any part of the pay period reported. Excludes proprietors, self-employed persons, farm workers, unpaid family workers, domestic servants, and personnel of Armed Forces. Data are adjusted to March 1959 benchmark levels indicated by data from Government social insurance programs. See also *Historical Statistics, Colonial Times to 1957*, series D 48-56]

YEAR OR MONTH	Total	Mining	Contract construction	Manufacturing	Transportation and public utilities	Wholesale and retail trade	Finance, insurance, and real estate	Service and miscellaneous	Government
1940.....	32,376	925	1,294	10,985	3,038	6,750	1,502	3,681	4,202
1945.....	40,394	836	1,132	15,524	3,906	7,314	1,497	4,241	5,944
1950.....	45,222	901	2,333	15,241	4,034	9,386	1,910	5,362	6,026
1951.....	47,849	929	2,603	16,393	4,226	9,742	1,991	5,576	6,389
1952.....	48,825	898	2,634	16,632	4,248	10,004	2,069	5,730	6,609
1953.....	50,232	866	2,623	17,549	4,290	10,247	2,146	5,867	6,645
1954.....	49,022	791	2,612	16,314	4,084	10,235	2,234	6,002	6,751
1955.....	50,675	792	2,802	16,882	4,141	10,535	2,335	6,274	6,914
1956.....	52,408	822	2,990	17,243	4,244	10,858	2,429	6,536	7,277
1957.....	52,904	828	2,923	17,174	4,241	10,886	2,477	6,749	7,626
1958.....	51,423	751	2,778	15,945	3,976	10,750	2,519	6,811	7,893
1959.....	53,380	731	2,955	16,667	4,010	11,125	2,597	7,105	8,190
1960.....	54,347	709	2,882	16,702	4,017	11,412	2,684	7,361	8,520
1961.....	54,076	667	2,760	16,268	3,923	11,365	2,748	7,514	8,831
March.....	52,785	654	2,454	15,866	3,872	11,101	2,710	7,359	8,769
1962, March (prel.) <sup>1</sup>	53,986	645	2,294	16,511	3,871	11,202	2,756	7,582	9,125

<sup>1</sup> Monthly averages.

Source: Department of Labor, Bureau of Labor Statistics; *Employment and Earnings*.

**No. 291. EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS—TOTAL AND PRODUCTION WORKERS, ANNUAL AVERAGES, BY INDUSTRY: 1950, 1960, AND 1961**

[In thousands. Beginning 1960, includes Alaska and Hawaii. See headnote, table 290]

INDUSTRY	TOTAL EMPLOYEES			PRODUCTION WORKERS		
	1950	1960	1961	1950	1960	1961
<b>Total</b> .....	<b>45,222</b>	<b>54,347</b>	<b>54,076</b>	-----	-----	-----
<b>Mining</b> .....	<b>901</b>	<b>709</b>	<b>667</b>	<b>818</b>	<b>567</b>	<b>527</b>
Metal mining.....	97	93	87	87	77	72
Coal mining.....	(1)	182	156	(1)	161	137
Crude petroleum and natural-gas production.....	266	314	309	227	220	223
Quarrying and nonmetallic mining.....	95	120	115	83	100	95
<b>Contract construction</b> .....	<b>2,333</b>	<b>2,882</b>	<b>2,760</b>	<b>2,069</b>	<b>2,458</b>	<b>2,345</b>
General building contractors.....	875	912	861	791	788	740
Heavy construction.....	419	581	566	370	509	494
Special trade contractors.....	1,039	1,389	1,334	908	1,161	1,111
<b>Manufacturing</b> .....	<b>15,241</b>	<b>16,762</b>	<b>16,268</b>	<b>12,523</b>	<b>12,562</b>	<b>12,046</b>
Durable goods.....	8,094	9,441	9,044	6,705	7,021	6,615
Non durable goods.....	7,147	7,321	7,224	5,817	5,541	5,430
Ordnance and accessories.....	30	187	201	23	89	94
Food and kindred products.....	1,790	1,793	1,780	1,331	1,211	1,191
Meat products.....	296	321	317	241	258	254
Dairy products.....	(1)	317	313	(1)	170	163
Canned and preserved food, except meats.....	235	242	243	209	206	206
Grain-mill products.....	(1)	128	129	(1)	90	90
Bakery products.....	291	308	306	200	177	175
Sugar.....	36	37	34	31	30	28
Confectionery and related products.....	92	80	80	76	64	63
Beverages.....	223	218	217	142	118	116
Miscellaneous food and kindred products.....	(1)	143	141	(1)	99	96
Tobacco manufactures <sup>2</sup> .....	103	94	90	95	83	79
Cigarettes.....	29	37	37	26	32	32
Cigars.....	41	28	25	39	26	23
<b>Textile-mill products</b> .....	<b>1,256</b>	<b>915</b>	<b>880</b>	<b>1,169</b>	<b>827</b>	<b>793</b>
Cotton broad woven fabrics.....	(1)	260	251	(1)	244	235
Silk and synthetic broad woven fabrics.....	(1)	73	70	(1)	67	63
Weaving and finishing broad wovens.....	(1)	56	52	(1)	50	46
Narrow fabrics and small wares.....	(1)	28	27	(1)	24	23
Knitting.....	249	214	211	230	194	191
Finishing textiles, except wool and knit.....	94	74	71	83	64	61
Floor covering.....	(1)	36	33	(1)	30	28
Yarn and thread.....	158	104	100	148	96	93
Miscellaneous textile goods.....	(1)	69	65	(1)	58	54
<b>Apparel and related products</b> .....	<b>1,202</b>	<b>1,228</b>	<b>1,109</b>	<b>1,080</b>	<b>1,094</b>	<b>1,067</b>
Men's and boys' suits and coats.....	140	122	116	127	109	104
Men's and boys' furnishings and work clothing.....	273	308	302	253	280	274
Women's, misses', and juniors' outerwear.....	369	361	348	334	326	313
Women's, children's undergarments.....	105	120	118	94	106	105
Millinery.....	(1)	36	35	(1)	32	31
Children's outerwear.....	62	76	75	56	68	67
Fur goods and miscellaneous apparel.....	(1)	69	70	(1)	60	60
Miscellaneous fabricated textile products.....	(1)	137	136	(1)	114	113
<b>Lumber and wood products (excluding furniture)</b> .....	<b>808</b>	<b>637</b>	<b>601</b>	<b>745</b>	<b>570</b>	<b>535</b>
Logging camps and contractors.....	92	93	91	85	87	85
Sawmills and planing mills.....	451	295	269	424	269	244
Millwork, plywood, and related products.....	137	147	141	120	124	119
Wooden containers.....	65	43	41	60	39	37
Miscellaneous wood products.....	(1)	60	58	(1)	51	50
<b>Furniture and fixtures</b> .....	<b>364</b>	<b>383</b>	<b>367</b>	<b>317</b>	<b>319</b>	<b>304</b>
Household furniture.....	271	271	259	241	232	221
Office furniture.....	(1)	28	27	(1)	23	22
Partitions, office and store fixtures.....	(1)	39	36	(1)	20	27
Other furniture and fixtures.....	(1)	45	44	(1)	35	34
<b>Paper and allied products</b> .....	<b>485</b>	<b>593</b>	<b>590</b>	<b>416</b>	<b>474</b>	<b>470</b>
Paper and pulp.....	(1)	224	225	(1)	182	182
Paperboard.....	(1)	69	67	(1)	66	64
Converted paper and paperboard products.....	(1)	124	124	(1)	96	95
Paperboard containers and boxes.....	140	175	174	121	140	139

<sup>1</sup> Not available.

<sup>2</sup> Includes industries not shown separately.

## No. 291. EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS—TOTAL AND PRODUCTION WORKERS, ANNUAL AVERAGES, BY INDUSTRY: 1950, 1960, AND 1961—Con.

(In thousands)

INDUSTRY	TOTAL EMPLOYEES			PRODUCTION WORKERS		
	1950	1960	1961	1950	1960	1961
<b>Manufacturing—Continued</b>						
Printing, publishing, and allied industries.....	748	917	926	494	592	596
Newspapers.....	280	333	339	147	172	176
Periodicals.....	63	71	71	32	30	30
Books.....	49	71	73	29	43	45
Commercial printing.....	(1)	289	290	(1)	230	230
Bookbinding and related industries.....	(1)	47	47	(1)	38	38
Other publishing and printing industries.....	(1)	106	106	(1)	79	78
Chemicals and allied products.....	640	830	830	461	511	506
Industrial chemicals.....	(1)	287	285	(1)	169	165
Plastics and synthetics, except glass.....	(1)	153	152	(1)	104	103
Drugs.....	88	107	107	58	59	58
Soap, cleaners, and toilet goods.....	(1)	92	97	(1)	56	58
Paints, varnishes, and allied products.....	(1)	64	62	(1)	37	36
Agricultural chemicals.....	(1)	45	45	(1)	31	31
Other chemical products.....	(1)	82	83	(1)	50	56
Petroleum refining and related industries.....	218	212	203	165	138	131
Petroleum refining.....	185	178	170	140	113	107
Other petroleum and coal products.....	(1)	34	33	(1)	25	24
Rubber and miscellaneous plastic.....	311	374	365	252	289	280
Tires and inner tubes.....	110	107	101	87	78	73
Miscellaneous plastic products.....	(1)	153	149	(1)	121	117
Other rubber products.....	(1)	114	115	(1)	90	90
Leather and leather products.....	395	366	361	355	323	319
Leather tanning and finishing.....	51	34	33	47	30	29
Footwear, except rubber.....	252	243	239	220	216	214
Other leather products.....	(1)	89	89	(1)	77	76
Stone, clay, and glass products <sup>2</sup> .....	547	595	567	473	483	455
Flat glass.....	(1)	31	28	(1)	27	24
Glass and glassware, pressed or blown.....	(1)	103	101	(1)	87	84
Cement, hydraulic.....	40	43	40	34	35	32
Structural clay products.....	78	76	71	71	66	60
Pottery and related products.....	60	47	43	55	40	37
Concrete, gypsum, and plaster products.....	(1)	155	150	(1)	124	118
Other stone and mineral products.....	(1)	124	119	(1)	92	87
Primary metal industries.....	1,247	1,229	1,142	1,075	992	914
Blast furnace and basic steel products.....	674	653	600	587	529	482
Iron and steel foundries.....	224	204	186	190	172	156
Nonferrous smelting and refining.....	(1)	71	67	(1)	55	52
Nonferrous rolling, drawing, and extruding.....	(1)	176	170	(1)	134	129
Nonferrous foundries.....	77	65	61	66	54	50
Miscellaneous primary metal industries.....	(1)	61	58	(1)	48	46
Fabricated metal products (excluding ordnance, machinery, and transportation equipment).....	982	1,129	1,077	812	869	820
Metal cans.....	57	63	60	50	54	52
Cutlery, hand tools and general hardware.....	158	136	130	133	107	101
Heating equipment and plumbing fixtures.....	(1)	79	75	(1)	59	55
Fabricated structural metal products.....	222	334	326	172	238	230
Screw machine products, bolts, etc.....	(1)	86	80	(1)	67	63
Metal stampings.....	(1)	198	180	(1)	161	144
Coating, engraving, and allied services.....	(1)	64	64	(1)	54	53
Miscellaneous fabricated wire products.....	(1)	57	54	(1)	46	42
Miscellaneous fabricated metal products.....	(1)	112	108	(1)	84	80
Machinery (except electrical).....	1,210	1,471	1,402	920	1,030	965
Engines and turbines.....	(1)	87	80	(1)	56	51
Farm machinery and equipment.....	(1)	114	112	(1)	80	79
Construction and related machinery.....	(1)	220	198	(1)	145	128
Metal working machinery and equipment.....	204	258	244	159	194	180
Special-industry machinery (excluding metalworking machinery).....	165	174	168	123	122	116
General industrial machinery.....	(1)	223	211	(1)	155	143
Office computing, and accounting machines.....	(1)	146	149	(1)	95	95
Service-industry machines.....	(1)	100	94	(1)	70	64
Miscellaneous machinery.....	(1)	150	145	(1)	114	109

<sup>1</sup> Not available.<sup>2</sup> Includes industries not shown separately.

No. 291. EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS—TOTAL AND PRODUCTION WORKERS, ANNUAL AVERAGES, BY INDUSTRY: 1950, 1960, AND 1961—Con.

[In thousands]

INDUSTRY	TOTAL EMPLOYEES			PRODUCTION WORKERS		
	1950	1960	1961	1950	1960	1961
<b>Manufacturing—Continued</b>						
Electrical equipment and supplies.....	991	1,446	1,437	770	987	964
Electric distribution equipment.....	(1)	163	161	(1)	108	105
Electrical industrial apparatus.....	(1)	177	171	(1)	1,221	115
Household appliances.....	(1)	157	151	(1)	121	115
Electric lighting and wiring equipment.....	(1)	133	129	(1)	104	100
Radio and TV receiving sets.....	(1)	112	113	(1)	82	83
Communication equipment.....	(1)	367	379	(1)	201	201
Electronic components and accessories.....	(1)	225	227	(1)	164	166
Misc. electrical equipment and supplies.....	(1)	111	107	(1)	85	80
Transportation equipment.....	1,265	1,617	1,525	1,029	1,133	1,037
Motor vehicles and equipment.....	816	728	650	677	567	493
Aircraft and parts.....	283	674	669	209	393	378
Ship and boat building and repairing.....	85	141	143	72	117	118
Railroad equipment.....	60	44	36	45	32	25
Other transportation equipment.....	(1)	31	28	(1)	25	22
Instruments and related products.....	250	354	346	189	232	221
Engineering and scientific instruments.....	(1)	76	74	(1)	43	40
Mechanical measuring and control devices.....	(1)	95	92	(1)	63	60
Optical and ophthalmic goods.....	(1)	41	39	(1)	31	29
Surgical, medical, and dental equipment.....	(1)	47	48	(1)	33	33
Photographic equipment and supplies.....	53	69	68	38	41	39
Watches and clocks.....	33	27	25	28	21	20
Miscellaneous manufacturing industries.....	400	392	382	344	316	306
Jewelry, silverware, and plated ware.....	57	43	42	46	34	33
Toys, amusements, and sporting goods.....	78	102	102	70	86	85
Pens, pencils, office and art materials.....	(1)	31	31	(1)	23	23
Costume jewelry, buttons, and notions.....	64	58	54	57	47	44
Other manufacturing industries.....	(1)	158	153	(1)	125	121
<b>Transportation and public utilities</b>	4,034	4,017	3,923			
Railroad transportation.....	1,391	887	819			
Class I railroads.....	1,221	781	717			
Local and interurban passenger transit.....	(1)	283	270			
Motor, freight transportation and storage.....	619	874	875	(1)	802	800
Air transportation.....	(1)	191	197			
Pipeline transportation.....	(1)	23	22	(1)	20	19
Other transportation.....	(1)	308	302			
Communication.....	(1)	839	826			
Telephone.....	620	706	695	(1)	582	568
Telegraph.....	44	38	37	(1)	28	27
Radio and television broadcasting.....	(1)	92	93	(1)	78	78
Electric, gas, and sanitary services.....	554	613	610	517	544	530
Electric companies and systems.....	239	254	252	225	220	217
Gas companies and systems.....	118	153	153	111	137	136
Combined utility systems.....	160	175	175	157	169	159
Water, steam, and sanitary systems.....	28	30	30	25	27	26
<b>Wholesale and retail trade</b>	9,386	11,412	11,365	7,489	8,810	8,740
Wholesale trade.....	2,518	3,009	3,007	2,294	2,610	2,590
Retail trade.....	6,868	8,403	8,359	5,194	6,201	6,144
General merchandise stores.....	1,409	1,563	1,558	(1)	1,448	1,434
Food stores.....	(1)	1,356	1,357	(1)	1,273	1,273
Apparel and accessories stores.....	556	637	644	(1)	582	585
Furniture and appliance stores.....	(1)	409	405	(1)	369	364
Eating and drinking places.....	(1)	1,627	1,618			
Other retail trade.....	(1)	2,811	2,777	(1)	2,528	2,489
<b>Finance, insurance, and real estate</b>	1,919	2,684	2,748			
Banking.....	435	675	605	(1)	676	592
Credit agencies other than banks.....	(1)	256	263			
Security dealers and exchanges.....	62	114	127	(1)	107	110
Insurance carriers.....	(1)	830	857	(1)	764	777
Insurance agents, brokers, and services.....	(1)	196	200			
Real estate.....	(1)	527	531			
Other finance, insurance, and real estate.....	(1)	77	70			
<b>Service and miscellaneous<sup>1</sup></b>	5,382	7,361	7,514			
Hotels and lodging places.....	481	568	583			
Personal services, laundries, cleaning and dyeing plants.....	(1)	521	511	(1)	389	378
Misc. business services, advertising.....	(1)	110	110			
Motion pictures.....	248	189	187			
Medical services, hospitals.....	(1)	1,105	1,141			
<b>Government</b>	6,026	8,520	8,831			
Federal.....	1,028	2,270	2,281			
State and local.....	4,998	6,250	6,549			

<sup>1</sup> Not available.

<sup>2</sup> Includes industries not shown separately.

Source: Department of Labor, Bureau of Labor Statistics; *Employment and Earnings*.



**NO. 292. EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS—ANNUAL AVERAGES,  
TOTAL, 1960 AND 1961, AND BY INDUSTRY DIVISION, 1961, BY STATES**

[In thousands. For coverage, see headnote, table 290. National totals differ from the sum of the State figures because a few States prepare combinations of industry divisions, some States have more recent benchmark levels than others, and methods of computation may vary slightly among the States]

STATE	TOTAL		INDUSTRY DIVISION, 1961							
	1960	1961	Mining	Contract construction	Manufacturing	Transportation and public utilities	Wholesale and retail trade	Finance, insurance, and real estate	Service and miscellaneous	Government
<b>United States.....</b>	<b>54,347</b>	<b>54,076</b>	<b>687</b>	<b>2,760</b>	<b>16,268</b>	<b>3,923</b>	<b>11,365</b>	<b>2,748</b>	<b>7,514</b>	<b>8,831</b>
<b>New England:</b>										
Maine.....	278	270	(1)	13	103	18	54	9	30	49
New Hampshire.....	198	198	(2)	9	86	10	35	7	28	23
Vermont.....	107	106	1	6	34	7	21	4	17	18
Massachusetts.....	1,017	1,029	(1)	78	683	103	391	102	312	259
Rhode Island.....	292	290	(1)	12	115	14	53	13	41	41
Connecticut.....	917	922	(3)	44	404	45	163	55	116	96
<b>Middle Atlantic:</b>										
New York.....	6,171	6,156	8	254	1,828	484	1,247	498	978	859
New Jersey.....	2,012	2,003	4	102	773	149	380	92	261	243
Pennsylvania.....	3,710	3,662	50	164	1,370	269	605	154	512	449
<b>East North Central:</b>										
Ohio.....	3,147	3,047	19	138	1,180	197	605	123	376	411
Indiana.....	1,431	1,402	10	82	565	90	280	58	143	165
Illinois.....	3,518	3,483	28	164	1,163	274	741	191	489	433
Michigan.....	2,334	2,221	14	92	870	128	433	83	265	336
Wisconsin.....	1,192	1,176	3	55	438	72	242	47	147	171
<b>West North Central:</b>										
Minnesota.....	960	958	15	53	228	79	238	50	142	153
Iowa.....	679	679	3	36	171	51	171	32	97	118
Missouri.....	1,348	1,322	7	63	376	116	306	72	186	196
North Dakota.....	126	126	2	9	6	12	37	6	21	32
South Dakota.....	142	146	2	13	14	10	39	6	22	40
Nebraska.....	381	387	3	24	67	37	95	23	57	81
Kansas.....	559	559	16	35	115	52	129	24	72	117
<b>South Atlantic:</b>										
Delaware.....	154	152	(1)	11	55	11	30	6	20	19
Maryland.....	896	910	2	61	257	71	193	45	130	151
Dist. of Columbia.....	536	547	(1)	21	20	28	84	28	97	269
Virginia.....	1,018	1,030	16	70	275	81	217	40	126	209
West Virginia.....	460	445	49	19	120	41	82	13	69	61
North Carolina.....	1,196	1,200	4	65	506	63	218	44	180	171
South Carolina.....	583	580	2	32	244	25	102	22	56	98
Georgia.....	1,051	1,051	6	52	332	73	224	51	119	195
Florida.....	1,324	1,341	9	110	211	101	371	87	223	229
<b>East South Central:</b>										
Kentucky.....	654	649	31	37	164	50	139	26	87	115
Tennessee.....	918	913	7	45	310	53	189	39	119	151
Alabama.....	776	768	12	40	228	48	148	33	92	166
Mississippi.....	403	407	6	25	118	25	84	14	44	91
<b>West South Central:</b>										
Arkansas.....	367	374	6	22	104	28	81	14	47	73
Louisiana.....	790	780	44	53	136	81	178	35	104	150
Oklahoma.....	582	583	45	33	86	47	137	27	74	133
Texas.....	2,532	2,522	119	160	483	219	632	132	393	444
<b>Mountain:</b>										
Montana.....	167	166	7	12	20	18	39	7	23	40
Idaho.....	155	158	3	10	31	15	40	6	20	34
Wyoming.....	97	96	10	10	7	12	21	3	11	23
Colorado.....	515	532	15	36	91	43	124	26	80	117
New Mexico.....	236	234	20	17	16	20	50	10	38	65
Arizona.....	334	345	15	31	51	24	82	17	53	72
Utah.....	265	274	14	15	50	22	60	12	30	65
Nevada.....	103	108	3	9	6	9	20	4	37	20
<b>Pacific:</b>										
Washington.....	813	816	2	45	217	61	178	39	106	170
Oregon.....	509	506	1	24	139	43	111	22	67	101
California.....	4,895	4,962	30	284	1,300	351	1,084	257	750	906
Alaska.....	57	56	1	4	5	7	8	2	6	22
Hawaii.....	188	192	(1)	17	27	15	44	10	30	49

<sup>1</sup> Mining combined with Service and miscellaneous.      <sup>2</sup> Less than 500.

<sup>3</sup> Mining combined with Contract construction.

Source: Department of Labor, Bureau of Labor Statistics; *Employment and Earnings*.

**No. 293. EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS—PERCENT  
DISTRIBUTION, BY INDUSTRY DIVISION, BY STATES: 1960 AND 1961**

[For base figures, see table 292]

STATE	MINING		CONTRACT CON- STRUCTION		MANU- FACTURING		TRANSPOR- TATION AND PUBLIC UTILITIES		WHOLE- SALE AND RETAIL TRADE		FINANCE, INSURANCE, AND REAL ESTATE		SERVICE AND MISCEL- LANEOUS		GOVERN- MENT	
	1960	1961	1960	1961	1960	1961	1960	1961	1960	1961	1960	1961	1960	1961	1960	1961
<b>U.S.</b>	1.3	1.2	5.3	5.1	30.8	30.1	7.4	7.3	21.0	21.0	4.9	5.1	13.5	13.9	15.7	16.3
<b>N.E.:</b>																
Maine.....	(1)	(1)	4.9	4.7	37.7	37.4	6.5	6.4	19.4	19.4	3.2	3.3	10.9	10.9	17.4	17.9
N.H.....	0.2	0.2	5.0	4.7	44.0	43.2	4.9	4.8	17.3	17.4	3.6	3.7	13.6	14.2	11.4	11.8
Vt.....	1.2	1.1	5.0	5.3	33.0	31.8	7.0	7.0	10.1	19.5	3.6	3.0	15.6	16.0	14.0	15.4
Mass.....	(1)	(1)	4.1	4.1	36.4	35.4	5.5	5.4	20.2	20.2	5.2	5.3	15.6	16.2	13.0	13.4
R.I.....	(1)	(1)	4.1	4.2	41.0	39.8	5.0	4.9	18.3	18.4	4.3	4.4	13.5	14.1	13.8	14.2
Conn.....	(2)	(2)	4.0	4.7	44.4	43.7	4.9	4.9	17.4	17.7	5.8	6.0	12.4	12.6	10.2	10.4
<b>M.A.:</b>																
N.Y.....	0.2	0.1	4.2	4.1	30.6	29.7	7.8	7.9	20.3	20.2	7.8	8.1	15.6	15.9	13.5	14.0
N.J.....	0.2	0.2	5.0	5.1	40.0	38.6	7.3	7.4	18.7	19.0	4.5	4.6	12.5	13.0	11.8	12.1
Pa.....	1.6	1.3	4.4	4.5	38.0	37.4	7.5	7.3	18.7	19.0	4.1	4.2	13.4	14.0	11.7	12.3
<b>E.N.C.:</b>																
Ohio.....	0.6	0.6	4.5	4.5	40.2	38.7	6.0	6.5	19.7	19.8	3.8	4.0	11.8	12.4	12.7	13.5
Ind.....	0.7	0.7	4.4	4.4	41.5	40.3	6.6	6.4	19.8	20.0	4.0	4.1	9.8	10.2	13.2	13.9
Ill.....	0.8	0.8	4.7	4.7	34.4	33.4	8.1	7.8	21.1	21.3	5.3	5.5	13.7	14.1	11.9	12.4
Mich.....	0.7	0.6	4.0	4.2	41.3	39.2	5.8	5.7	19.1	19.5	3.5	3.8	11.3	11.9	14.3	15.1
Wis.....	0.3	0.3	4.7	4.7	38.6	37.3	6.3	6.1	20.5	20.6	3.8	4.0	12.1	12.5	13.7	14.5
<b>W.N.C.:</b>																
Minn.....	1.0	1.6	5.8	5.6	23.9	23.8	8.7	8.2	24.7	24.8	5.0	5.2	14.4	14.9	15.6	15.9
Iowa.....	0.5	0.5	5.4	5.3	26.0	25.2	7.9	7.4	25.0	25.2	4.7	4.7	13.6	14.3	16.9	17.4
Mo.....	0.6	0.6	4.7	4.8	29.1	28.4	9.1	8.8	23.2	23.1	5.3	5.4	13.7	14.1	14.3	14.8
N. Dak.....	1.5	1.6	7.8	7.2	5.2	5.0	10.1	9.7	29.6	29.5	4.4	4.5	16.5	16.9	24.0	25.6
S. Dak.....	1.7	1.6	8.0	9.0	9.2	9.3	7.2	7.0	27.2	26.8	4.0	4.0	15.2	15.0	27.5	27.3
Nebr.....	0.7	0.7	6.4	6.2	17.5	17.2	9.9	9.5	24.6	24.7	5.9	6.1	14.5	14.7	20.5	20.9
Kans.....	3.0	2.9	6.1	6.2	20.7	20.5	9.6	9.3	23.3	23.1	4.2	4.2	12.5	12.9	20.6	20.9
<b>S.A.:</b>																
Del.....	(1)	(1)	6.8	7.3	38.2	36.4	7.2	7.0	19.0	19.5	4.0	4.1	12.6	13.0	12.2	12.7
Md.....	0.3	0.3	6.9	6.7	28.9	28.2	8.1	7.8	21.3	21.2	4.9	4.9	13.7	14.3	11.9	12.6
D.C.....	(1)	(1)	3.9	3.9	3.8	3.6	5.3	5.2	15.7	15.4	5.1	5.1	17.3	17.6	148.9	149.2
Va.....	1.7	1.6	6.6	6.8	27.0	26.7	8.2	7.8	21.3	21.1	4.3	4.4	12.2	12.2	11.7	11.9
W. Va.....	12.2	11.1	4.0	4.3	27.0	26.9	9.7	9.3	18.4	18.4	2.0	3.0	11.1	11.5	14.7	15.5
N.C.....	0.3	0.3	5.5	5.4	42.6	42.2	5.4	5.3	18.4	18.1	3.5	3.7	10.6	10.8	13.7	14.2
S.C.....	0.3	0.3	5.9	5.5	42.0	42.1	4.4	4.3	17.7	17.5	3.7	3.8	9.5	9.6	16.5	16.9
Ge.....	0.5	0.5	5.3	5.0	32.4	31.6	7.0	7.0	21.4	21.3	4.7	4.8	11.0	11.3	17.7	18.5
Fla.....	0.6	0.6	9.2	8.2	15.6	15.8	7.6	7.5	27.5	27.6	6.2	6.5	16.6	16.7	16.7	17.1
<b>E.S.C.:</b>																
Ky.....	5.2	4.7	5.5	5.6	26.2	25.4	8.0	7.7	21.4	21.5	3.8	3.9	13.0	13.4	16.9	17.8
Tenn.....	0.8	0.8	4.9	4.9	34.3	34.0	6.0	5.8	21.1	20.7	4.3	4.3	12.8	13.0	15.8	16.5
Ala.....	1.7	1.6	5.6	5.3	30.4	29.7	6.4	6.3	19.4	19.2	4.2	4.3	11.7	12.0	20.6	21.6
Miss.....	1.7	1.6	5.6	6.1	29.7	29.0	6.3	6.1	20.9	20.6	3.3	3.4	10.8	10.9	21.7	22.3
<b>W.S.C.:</b>																
Ark.....	1.5	1.5	5.5	5.9	27.8	27.8	7.7	7.4	22.1	21.6	3.7	3.7	12.6	12.6	19.1	19.5
La.....	5.6	5.6	6.9	6.7	18.0	17.5	10.6	10.4	23.1	22.8	4.4	4.5	13.0	13.3	18.4	19.2
Okla.....	7.8	7.7	5.9	5.7	14.9	14.8	8.3	8.1	23.6	23.5	4.5	4.7	12.5	12.7	22.5	22.8
Texas.....	4.8	4.7	6.4	6.4	19.3	19.2	9.0	8.7	25.3	25.0	5.1	5.2	13.1	13.2	17.0	17.6
<b>Mt.:</b>																
Mont.....	4.4	4.1	6.6	7.0	12.2	12.2	11.4	11.0	24.3	23.7	4.1	4.1	13.9	14.0	23.1	23.9
Idaho.....	1.6	2.1	6.2	6.5	19.4	19.3	9.7	9.2	25.5	25.0	3.7	3.7	12.8	12.5	21.1	21.7
Wyo.....	10.0	9.9	12.3	10.7	7.6	7.6	12.2	12.0	21.5	21.6	3.1	3.2	11.2	11.6	22.1	23.4
Colo.....	3.0	2.8	6.5	6.8	17.0	17.1	8.4	8.2	24.0	23.3	3.9	4.0	14.8	15.0	21.4	21.9
N. Mex.....	8.6	8.5	8.0	7.2	7.1	6.8	8.7	8.5	20.9	21.1	4.1	4.2	15.8	16.2	26.8	27.5
Ariz.....	4.6	4.4	9.4	9.8	14.8	14.6	7.4	7.0	23.9	23.8	4.9	5.0	14.6	15.3	20.4	21.0
Utah.....	5.2	4.9	5.6	5.5	17.7	18.2	8.4	8.0	22.5	22.0	4.5	4.5	12.6	13.0	23.5	23.9
Nov.....	3.4	3.0	7.6	8.0	5.2	5.2	8.8	8.4	18.8	18.8	3.3	3.4	34.8	34.6	18.2	18.6
<b>Pac.:</b>																
Wash.....	0.2	0.2	5.5	5.5	26.7	26.6	7.5	7.5	22.2	21.7	4.7	4.8	12.7	12.9	20.5	20.8
Oreg.....	0.2	0.2	5.1	4.7	28.4	27.4	8.7	8.4	22.3	21.0	4.1	4.3	12.5	13.2	18.7	19.9
Calif.....	0.6	0.6	5.9	5.7	26.9	26.2	7.3	7.1	21.8	21.8	5.1	5.2	14.7	15.1	17.7	18.3
Alaska.....	1.9	2.2	10.4	7.4	10.2	9.2	12.0	13.0	13.6	14.8	2.7	2.7	9.4	10.4	39.8	40.3
Hawaii.....	(1)	(1)	9.4	8.9	14.1	14.0	7.9	7.8	22.8	22.9	4.9	5.2	14.0	15.6	126.0	125.6

<sup>1</sup> Mining combined with service and miscellaneous.

<sup>2</sup> Mining combined with contract construction.

<sup>3</sup> Federal employment in the Maryland and Virginia sectors of Washington, D.C., standard metropolitan statistical area is included in District of Columbia.

Source: Department of Labor, Bureau of Labor Statistics; *Employment and Earnings*.

**No. 294. MARITAL STATUS OF WOMEN IN THE CIVILIAN LABOR FORCE: 1940 TO 1961**  
 [In thousands of persons 14 years old and over. Beginning 1960, includes Alaska and Hawaii. Includes institutional population. Figures for 1940 based on complete census revised for comparability with intercensal series. Data for 1944-1961 based on Current Population Survey; see Technical Note, p. 213. See also table 32. See also *Historical Statistics, Colonial Times to 1957*, series D 33-35]

MONTH AND YEAR	FEMALE LABOR FORCE (1,000)					PERCENT DISTRIBUTION OF FEMALE LABOR FORCE				FEMALE LABOR FORCE AS PERCENT OF FEMALE POPU- LATION, 14 AND OVER			
	Total	Single	Married		Wid- owed or divorced	Single	Married		Wid- owed or divorced	Total	Single	Mar- ried	Wid- owed or divorced
			Total	Hus- band pres- ent			Total	Hus- band pres- ent					
March 1940...	13,840	6,710	5,040	14,200	2,090	48.5	36.4	130.3	15.1	27.4	48.1	16.7	32.0
April 1944...	18,449	7,542	8,433	6,226	2,474	40.9	45.7	33.7	13.4	35.0	58.6	25.6	35.7
April 1947...	16,323	6,181	7,545	6,676	2,597	37.9	46.2	40.9	15.0	29.8	51.2	21.4	34.6
March 1950...	17,795	5,621	9,273	8,550	2,901	31.6	52.1	48.0	16.3	31.4	50.5	24.8	36.0
April 1951...	18,602	5,430	10,182	9,086	2,990	29.2	54.7	48.8	16.1	32.4	49.6	26.7	36.1
April 1952...	18,812	5,532	10,350	9,222	2,930	29.4	55.0	49.0	15.6	32.4	50.0	26.8	35.3
April 1953...	19,304	5,223	10,908	9,763	3,174	27.1	56.5	50.6	16.4	32.8	48.5	27.7	36.3
April 1954...	19,726	5,412	11,209	9,923	3,105	27.4	56.8	50.3	15.7	33.1	49.0	28.1	36.0
April 1955...	20,154	5,087	11,839	10,423	3,227	25.2	58.7	51.7	16.0	33.5	46.4	29.4	36.0
March 1956...	20,842	5,167	12,278	11,125	3,397	24.8	58.9	53.4	16.3	34.2	45.4	30.2	36.9
March 1957...	21,524	5,378	12,696	11,529	3,450	25.0	59.0	53.6	16.0	34.8	46.8	30.8	37.6
March 1958...	22,000	5,365	13,032	11,826	3,604	24.4	59.2	53.8	16.4	35.0	45.4	31.4	37.9
March 1959...	22,376	5,162	13,036	12,205	3,628	23.1	60.7	54.5	16.2	35.2	43.4	32.3	38.0
March 1960...	22,516	5,401	13,485	12,253	3,629	24.0	59.9	54.4	16.1	34.8	44.1	31.7	37.1
March 1961...	24,199	5,663	14,612	13,266	3,924	23.4	60.4	54.8	16.2	36.8	44.4	34.0	39.0

<sup>1</sup> As of April.

Source: 1940-1958, Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-50. Beginning 1959, Department of Labor, Bureau of Labor Statistics; *Special Labor Force Reports*, Nos. 2, 13, and 20.

**No. 295. WOMEN EMPLOYEES IN MANUFACTURING INDUSTRIES: 1950 TO 1961**  
 [In thousands. As of October. Beginning 1959, includes Alaska and Hawaii. Data for the two latest years are adjusted to March 1959 benchmark levels indicated by data from Government social insurance programs]

INDUSTRY GROUP	1950		1955		1960		1961	
	Num- ber	Percent of total employ- ment	Num- ber	Percent of total employ- ment	Num- ber	Percent of total employ- ment	Num- ber	Percent of total employ- ment
<b>Manufacturing</b> .....	4,291	26	4,569	26	4,418	26	4,425	27
<b>Durable goods</b> .....	1,481	17	1,750	18	1,670	18	1,695	18
Ordnance and accessories.....	7	20	28	20	36	19	39	19
Lumber and wood products (except furni- ture).....	57	7	49	6	43	7	43	7
Furniture and fixtures.....	64	17	67	18	66	17	67	18
Stone, clay, and glass products.....	94	10	98	10	91	15	88	15
Primary metal industries.....	74	6	82	6	72	6	71	6
Fabricated metal products.....	193	18	211	18	185	16	185	17
Machinery.....	167	13	200	14	189	13	187	13
Electrical equipment and supplies.....	413	38	504	30	521	37	551	37
Transportation equipment.....	131	9	218	12	182	11	172	11
Instruments and related products.....	94	35	117	36	115	33	118	33
Miscellaneous manufacturing industries.....	189	42	175	42	170	41	173	42
<b>Nondurable goods</b> .....	2,810	37	2,819	37	2,748	37	2,730	37
Food and kindred products.....	479	25	486	25	480	25	471	25
Tobacco manufactures.....	70	58	73	59	58	51	54	49
Textile-mill products.....	571	49	408	44	305	44	393	44
Apparel and related products.....	931	74	950	76	958	78	953	78
Paper and allied products.....	126	25	135	24	129	22	127	21
Printing, publishing, and allied industries.....	211	28	244	20	264	28	266	20
Chemicals and allied products.....	121	18	146	19	163	19	155	19
Petroleum refining and related industries.....	13	6	17	7	17	8	17	8
Rubber and misc. plastic products.....	99	29	108	29	105	28	109	29
Leather and leather products.....	190	47	198	51	189	52	186	52

Source: Department of Labor, Bureau of Labor Statistics; *Employment and Earnings*.

### No. 296. CIVILIAN FEMALE POPULATION—TOTAL AND LABOR FORCE, BY MARITAL STATUS AND AGE: 1961

[In thousands of persons 14 years old and older. As of March. Includes Alaska and Hawaii. Includes institutional population. See headnote, table 280]

MARITAL STATUS AND AGE	Population	LABOR FORCE		MARITAL STATUS AND AGE	Population	LABOR FORCE	
		Number	Percent of population			Number	Percent of population
<b>Total</b> .....	65,847	24,199	36.8	<b>Married, husband present</b> .....	40,524	13,266	32.7
14 to 19 years.....	8,453	2,243	26.5	14 to 19 years.....	821	228	27.8
20 to 24 years.....	5,720	2,707	47.3	20 to 24 years.....	3,598	1,166	32.4
25 to 34 years.....	11,481	4,180	36.5	25 to 34 years.....	9,449	2,756	29.2
35 to 44 years.....	12,349	5,506	44.6	35 to 44 years.....	10,203	3,920	38.4
45 to 64 years.....	19,033	8,588	45.1	45 to 64 years.....	13,315	4,968	37.3
65 years and over.....	8,811	965	11.0	65 years and over.....	3,138	228	7.3
Median age..... years..	40.8	40.4		Median age..... years..	41.1	41.4	
<b>Single</b> .....	12,764	5,663	44.4	<b>Other marital status</b> .....	12,559	5,270	42.0
14 to 19 years.....	7,476	1,949	26.1	14 to 19 years.....	156	66	42.3
20 to 24 years.....	1,662	1,272	76.5	20 to 24 years.....	460	269	58.5
25 to 34 years.....	999	798	79.9	25 to 34 years.....	1,033	635	61.5
35 to 44 years.....	688	533	77.5	35 to 44 years.....	1,458	1,053	72.2
45 to 64 years.....	1,281	973	76.0	45 to 64 years.....	4,437	2,647	59.7
65 years and over.....	658	137	20.8	65 years and over.....	5,015	900	12.0
Median age..... years..	18.8	23.5		Median age..... years..	60.2	49.7	

Source: Department of Labor, Bureau of Labor Statistics; *Special Labor Force Report*, No. 20.

### No. 297. MAJOR OCCUPATION GROUP AND CLASS OF WORKER OF EMPLOYED PERSONS: 1950 TO 1962

[In thousands of persons 14 years old and over. Beginning 1960, includes Alaska and Hawaii. Annual averages, except as indicated. See also *Historical Statistics, Colonial Times to 1957*, series D 72-572, for related but not comparable data]

MAJOR OCCUPATION GROUP AND CLASS OF WORKER	1950 <sup>1</sup>	1955 <sup>1</sup>	1960	1961		1962, March
				Average	March	
<b>MAJOR OCCUPATION GROUP</b>						
<b>Employed, total</b> .....	( <sup>2</sup> )	( <sup>2</sup> )	66,681	66,796	65,516	66,316
Professional, technical, and kindred workers.....	4,490	5,792	7,475	7,705	7,998	8,218
Farmers and farm managers.....	4,393	3,739	2,780	2,711	2,755	2,709
Managers, officials, and proprietors, except farm.....	6,429	6,450	7,067	7,119	7,329	7,502
Clerical and kindred workers.....	7,632	8,307	9,783	9,861	9,901	10,094
Sales workers.....	3,822	3,976	4,401	4,439	4,508	4,277
Craftsmen, foremen, and kindred workers.....	7,670	8,325	8,560	8,623	8,178	8,206
Operatives and kindred workers.....	12,146	12,762	11,986	11,762	11,305	11,627
Private household workers.....	1,888	1,946	2,216	2,317	2,434	2,453
Service workers, except private household.....	4,652	5,160	6,133	6,323	6,162	6,224
Farm laborers and foremen.....	3,015	2,798	2,615	2,459	1,978	1,788
Laborers, except farm and mine.....	3,520	3,681	3,665	3,477	2,968	3,156
<b>CLASS OF WORKER</b>						
<b>Employed in agriculture</b> .....	7,507	6,730	5,723	5,463	4,977	4,782
Wage and salary workers.....	1,733	1,700	1,806	1,733	1,359	1,369
Self-employed workers.....	4,346	5,731	2,802	2,744	2,779	2,694
Unpaid family workers.....	1,427	1,299	1,054	985	839	720
<b>Employed in nonagricultural industries</b> .....	52,450	56,464	60,958	61,333	60,539	61,533
Wage and salary workers.....	45,977	50,054	53,976	54,284	53,212	54,627
In private households.....	1,995	2,216	2,489	2,594	2,626	2,637
Government workers.....	5,517	6,838	7,943	8,180	8,202	8,829
Other wage and salary workers.....	38,165	40,999	43,544	43,505	42,384	43,061
Self-employed workers.....	6,069	5,886	6,307	6,388	6,583	6,359
Unpaid family workers.....	404	524	615	662	745	647

<sup>1</sup> Based on averages of the first month in each quarter.

<sup>2</sup> Totals have not been adjusted to reflect change in definition of employment and unemployment adopted in January 1957. For adjusted totals, see table 280.

Source: 1950-1955, Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-50. Beginning 1959, Department of Labor, Bureau of Labor Statistics; *Employment and Earnings*.

# Employed Persons

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## No. 298. PERSONS WITH TWO OR MORE JOBS, BY TYPE OF INDUSTRY AND CLASS OF WORKER OF PRIMARY AND SECONDARY JOBS: 1959 AND 1960

[In thousands of persons 14 years old and over. Beginning 1960, includes Alaska and Hawaii]

INDUSTRY AND CLASS OF WORKER OF PRIMARY JOB	PERSONS WITH TWO OR MORE JOBS		INDUSTRY AND CLASS OF WORKER OF SECONDARY JOB					
	Total	Rate of multiple job-holding <sup>1</sup>	Agriculture			Nonagricultural industries		
			Total	Wage and salary workers	Self-employed workers	Total	Wage and salary workers	Self-employed workers
DECEMBER 1959								
Total.....	2,966	4.5	649	130	519	2,317	1,907	410
Agriculture.....	321	6.7	141	100	41	180	180	-----
Wage and salary workers.....	104	7.7	90	49	41	14	14	-----
Self-employed workers.....	199	7.2	42	42	(2)	157	157	(2)
Unpaid family workers.....	18	2.5	9	9	(3)	9	9	(3)
Nonagricultural industries.....	2,645	4.3	508	30	478	2,137	1,727	410
Wage and salary workers.....	2,451	4.6	508	30	478	1,943	1,533	410
Self-employed workers.....	182	2.8	-----	-----	(2)	182	182	(2)
Unpaid family workers.....	12	2.0	-----	-----	(3)	12	12	(3)
DECEMBER 1960								
Total.....	3,012	4.6	587	135	452	2,425	2,025	400
Agriculture.....	332	6.7	138	98	40	194	193	1
Wage and salary workers.....	97	6.7	81	41	40	16	15	1
Self-employed workers.....	208	7.6	51	51	(2)	157	157	(2)
Unpaid family workers.....	27	3.6	6	6	(3)	21	21	(3)
Nonagricultural industries.....	2,680	4.4	449	37	412	2,231	1,832	399
Wage and salary workers.....	2,489	4.6	443	31	412	2,046	1,647	399
Self-employed workers.....	184	2.8	6	6	(2)	178	178	(2)
Unpaid family workers.....	7	1.1	-----	-----	(3)	7	7	(3)

<sup>1</sup> Persons with 2 or more jobs as a percent of all employed persons in industry—class-of-worker group.

<sup>2</sup> Self-employed persons with a secondary farm or business, but no wage or salary job, were not counted as multiple jobholders.

<sup>3</sup> Persons whose primary job was as an unpaid family worker were counted as multiple jobholders only if they also held a wage or salary job.

Source: Department of Labor, Bureau of Labor Statistics; *Special Labor Force Report* Nos. 9 and 18.

## No. 299. EMPLOYED PERSONS—PERCENT DISTRIBUTION, BY COLOR AND MAJOR OCCUPATION GROUP: 1950 TO 1962

[Beginning 1960, includes Alaska and Hawaii. See headnote, table 280. 1950-1955, annual averages based on data for January, April, July, and October; occupation data not tabulated in other months. Beginning 1958, annual averages based on 12-month data]

MAJOR OCCUPATION GROUP	WHITE					NONWHITE				
	1950	1955	1960	1961	April 1962	1950	1955	1960	1961	April 1962
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Professional, technical, and kindred workers.....	8.0	9.8	12.0	12.3	12.8	3.0	3.5	4.7	4.6	5.6
Farmers and farm operators.....	7.3	6.0	4.3	4.2	4.2	7.5	5.0	3.1	2.9	3.3
Managers, officials, and proprietors, except farm.....	11.6	11.1	11.6	11.6	12.0	2.5	2.3	2.5	2.5	3.0
Clerical and kindred workers.....	13.8	14.2	15.6	15.6	15.9	3.5	4.9	7.2	7.7	7.8
Sales workers.....	6.9	6.9	7.2	7.2	7.0	1.2	1.3	1.6	1.6	1.9
Craftsmen, foremen, and kindred workers..	13.7	14.1	13.7	13.7	13.7	4.8	5.2	5.9	6.1	5.7
Operatives and kindred workers.....	20.6	20.2	17.7	17.3	17.3	18.6	20.9	20.1	20.1	20.1
Private household workers.....	1.6	1.8	2.0	2.2	2.1	17.7	14.8	14.3	14.5	15.3
Service workers, except private household..	6.9	7.2	8.2	8.4	8.4	16.1	16.8	17.5	18.3	17.6
Farm laborers and foremen.....	4.4	3.9	3.3	3.1	2.5	10.9	9.5	9.3	8.8	6.1
Laborers, except farm and mine.....	5.0	4.7	4.5	4.3	4.1	14.1	15.8	13.8	12.9	13.5

Source: 1950-1955, Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-50, P-57, and records. Beginning July 1959, Department of Labor, Bureau of Labor Statistics; *Employment and Earnings*.

### No. 300. INDEXES OF LABOR AND NONLABOR PAYMENTS, PRICES, AND OUTPUT PER MAN-HOUR IN THE PRIVATE ECONOMY AND THE NONFARM SECTOR: 1947 TO 1961

[1957-59=100. Beginning 1960, includes Alaska and Hawaii. In addition to wages and salaries of employees, labor payments include supplements to wages and salaries, such as employer contributions to social security, private insurance and pension funds, compensation for injuries, and other minor items of labor income. Non-labor payments are derived as the difference between labor payments and gross national product in current dollars]

ITEM	1947	1950	1955	1958	1959	1960	1961 (prel.)
Unit labor and nonlabor payments and prices:							
Private nonfarm sector:							
Employee compensation per dollar of real product.....	73.7	78.0	90.3	100.1	101.2	103.6	104.1
Wages and salaries per dollar of real product.....	75.6	79.6	91.1	100.2	100.9	102.7	103.3
Nonlabor payments per dollar of real product.....	73.7	83.9	94.3	99.4	102.3	102.4	104.6
Implicit price change.....	73.7	80.6	92.1	99.8	101.7	103.1	104.4
Real product per man-hour and real hourly earnings:							
Total private economy:							
Real product per man-hour—all persons.....	71.0	81.0	93.8	99.6	103.2	105.3	108.9
Real compensation per employee man-hour.....	71.9	78.5	91.6	98.0	102.8	104.8	107.8
Real wages and salaries per employee man-hour.....	73.8	80.0	92.5	99.1	102.5	103.9	106.9
Private nonfarm sector:							
Real compensation per employee man-hour.....	71.9	78.9	91.9	99.0	102.7	105.2	108.0
Real wages and salaries per employee man-hour.....	73.8	80.5	92.7	99.1	102.3	104.3	107.1
Underlying data:							
Total private economy:							
Real product in constant dollars.....	68.4	77.3	95.0	97.0	104.0	107.1	108.9
Compensation of employees in current dollars.....	50.5	60.1	85.5	96.9	105.5	111.0	113.5
Wages and salaries of employees in current dollars.....	51.9	61.2	86.3	97.1	105.2	110.1	112.6
Man-hours of all persons.....	96.3	95.4	101.3	97.4	100.8	101.7	100.0
Man-hours of employees.....	90.4	91.3	100.0	97.3	101.2	102.8	101.1
Private nonfarm sector:							
Real product in constant dollars.....	67.7	76.4	94.6	96.8	104.3	107.2	109.1
Product in current dollars.....	49.9	61.6	87.1	98.6	106.1	110.5	113.9
Compensation of employees in current dollars.....	49.9	59.6	85.4	96.9	105.6	111.1	113.6
Wages and salaries of employees in current dollars.....	51.2	60.8	86.2	97.0	105.2	110.1	112.7
Nonlabor payments in current dollars.....	49.9	64.1	89.2	96.2	106.7	109.8	114.1
Man-hours of employees.....	89.2	90.1	99.6	97.2	101.3	102.4	101.0
Average hourly compensation in current dollars.....	55.9	66.1	85.7	99.7	104.2	108.5	112.5
Average hourly wages and salaries in current dollars.....	57.4	67.5	86.5	99.8	103.8	107.5	111.6
Real product per employee man-hour.....	75.0	84.8	95.0	99.6	103.0	104.7	108.2
Consumer Price Index.....	77.8	83.8	93.3	100.7	101.5	103.1	104.2

Source: Department of Labor, Bureau of Labor Statistics.

### No. 301. INDEXES OF REAL PRODUCT PER MAN-HOUR FOR THE PRIVATE ECONOMY: 1947 TO 1961

[1957-59=100. Beginning 1960, includes Alaska and Hawaii. Covers wage and salary workers, self-employed, and unpaid family workers. Man-hour estimates based primarily on data from establishment reports or from labor force reports as specified. See also *Historical Statistics, Colonial Times to 1957*, series W 9-11]

YEAR	BASED ON ESTABLISHMENT REPORTS					BASED ON LABOR FORCE REPORTS		
	Total	Agriculture	Nonagricultural industries			Total	Agriculture	Nonagricultural industries
			Total	Manufacturing	Non-manufacturing			
1947.....	71.0	51.1	76.4	74.8	76.8	68.9	51.2	74.0
1950.....	81.0	65.8	85.1	83.8	85.6	78.0	65.6	81.6
1951.....	83.1	64.8	86.5	85.2	86.8	81.4	64.4	84.9
1952.....	84.9	70.5	87.6	86.4	87.9	84.1	70.1	87.0
1953.....	88.2	78.5	90.0	90.6	89.0	87.6	78.0	89.6
1954.....	80.8	84.0	91.4	89.8	92.0	89.8	83.6	91.8
1955.....	93.8	80.9	95.4	96.0	94.6	94.2	86.4	96.0
1956.....	94.0	88.6	95.0	97.1	93.5	94.5	88.1	95.8
1957.....	97.3	94.4	97.6	97.2	97.6	97.7	94.3	98.1
1958.....	99.6	103.0	99.4	98.9	99.7	99.1	103.1	98.9
1959.....	103.2	102.6	103.1	103.7	102.6	103.2	102.5	103.1
1960.....	105.3	108.4	104.7	106.1	104.2	105.0	108.4	104.3
1961 (prel.).....	108.9	116.4	107.9	110.7	106.7	107.7	116.9	106.4

Source: Department of Labor, Bureau of Labor Statistics.

## No. 302. INDEXES OF OUTPUT PER MAN-HOUR FOR SELECTED INDUSTRIES: 1940 TO 1961

[1957-59=100. Beginning 1959, includes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series W 13-32 and W 44]

INDUSTRY	1940	1945	1950	1955	1957	1958	1959	1960	1961 (prel.)
<b>NONMANUFACTURING</b>									
Coal mining <sup>1 2 3</sup> .....	53.6	53.7	63.0	87.6	92.6	103.1	106.9	115.3	120.4
Bituminous coal <sup>2 3</sup> .....	49.2	50.7	61.7	87.8	92.9	103.2	106.4	114.3	128.2
Copper (recoverable metal) <sup>2 3</sup> .....	65.4	74.1	84.2	89.9	94.1	106.2	101.3	104.5	100.5
Iron (usable ore) <sup>2 3</sup> .....	100.5	96.7	97.1	114.3	106.7	95.3	94.6	106.2	110.0
Railroad transportation (revenue traffic) <sup>4</sup> .....	50.3	66.8	71.1	88.3	94.4	100.2	106.6	111.1	119.7
<b>MANUFACTURING</b>									
Basic steel <sup>2 3</sup> .....	62.1	65.2	84.8	98.0	97.5	95.6	107.4	( <sup>6</sup> )	( <sup>6</sup> )
Blast furnace and basic steel products <sup>2 7</sup> .....	( <sup>8</sup> )	( <sup>9</sup> )	( <sup>8</sup> )	( <sup>9</sup> )	98.7	98.5	105.1	100.2	105.1
Beet-sugar refining <sup>8 9</sup> .....	68.5	82.3	75.4	( <sup>9</sup> )	( <sup>9</sup> )	98.1	103.9	106.9	( <sup>9</sup> )
Canning and preserving group <sup>2</sup> .....	61.2	63.2	75.7	89.4	98.4	98.2	103.5	106.0	( <sup>9</sup> )
Cement <sup>9</sup> .....	54.7	49.2	70.5	91.6	92.4	99.7	108.3	( <sup>6</sup> )	( <sup>6</sup> )
Clay construction products <sup>8 10</sup> .....	( <sup>8</sup> )	( <sup>9</sup> )	87.3	103.1	99.4	99.8	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
Confectionery <sup>8 9</sup> .....	67.3	70.2	71.7	88.0	97.7	99.7	102.6	106.4	( <sup>9</sup> )
Flour and other grain-mill products <sup>8 9</sup> .....	70.5	70.6	69.7	86.8	99.2	102.7	98.2	104.0	( <sup>9</sup> )
Glass containers <sup>8 9</sup> .....	72.7	86.7	95.1	99.7	99.8	97.3	102.9	100.6	( <sup>9</sup> )
Hosiery (full-fashioned and seamless) <sup>8 9</sup> .....	66.9	80.7	81.7	89.1	91.3	103.7	103.0	100.9	( <sup>9</sup> )
Malt liquors <sup>8 9</sup> .....	56.7	66.0	77.8	87.2	93.1	102.1	105.5	108.3	( <sup>9</sup> )
Paper and pulp <sup>8 10</sup> .....	75.6	62.8	78.4	90.4	96.1	98.8	104.9	109.3	( <sup>9</sup> )
Petroleum refining <sup>8 9</sup> .....	57.8	48.6	68.3	87.8	93.2	98.1	109.7	114.1	( <sup>9</sup> )
Synthetic fibers <sup>8 9</sup> .....	18.1	27.8	51.9	77.3	93.0	90.2	110.4	114.6	( <sup>9</sup> )
Primary smelting and refining of copper, lead, and zinc <sup>2 8</sup> .....	69.2	60.0	77.8	96.8	99.3	100.8	100.0	101.2	( <sup>9</sup> )
Tobacco products <sup>2 8</sup> .....	55.5	66.3	81.4	85.4	94.8	100.5	104.8	112.7	118.3
Cigars <sup>2 8</sup> .....	48.3	57.0	65.4	75.8	88.7	101.1	111.6	121.4	128.8
Cigarettes, chewing and smoking tobacco, and snuff <sup>2 8</sup> .....	62.7	75.7	99.2	94.4	99.7	100.0	100.3	106.9	111.4

<sup>1</sup> Includes anthracite and bituminous coal.

<sup>2</sup> Production-worker-hours paid.

<sup>3</sup> Adjusted to levels indicated by 1939, 1954, and 1958 Censuses of Mineral Industries.

<sup>4</sup> Refers to Class I line-haul railroads; in terms of hours worked plus constructive allowances, for all hourly basis employees.

<sup>5</sup> Adjusted to levels indicated by 1947, 1954, and 1958 Censuses of Manufactures.

<sup>6</sup> Not available.

<sup>7</sup> Not comparable to index for basic steel due to changes in Standard Industrial Classification.

<sup>8</sup> Production-worker-hours paid prior to 1947, and hours worked thereafter.

<sup>9</sup> Production-worker-hours worked.

<sup>10</sup> Adjusted to levels indicated by 1947 and 1954 Censuses of Manufactures.

Source: Department of Labor, Bureau of Labor Statistics.

## No. 303. PRODUCTION WORKERS AND INDEX OF PRODUCTION-WORKER WEEKLY PAYROLL IN MANUFACTURING INDUSTRIES: 1919 TO 1961

[1957-59=100. Beginning 1959, includes Alaska and Hawaii. Includes all full- and part-time employees who worked during, or received pay for, any part of the pay period ending nearest 15th of month. Data are adjusted to March 1959 benchmark levels indicated by data from Government social insurance programs]

YEAR	Employ- ment, annual average (1,000)	Payroll index	YEAR	Employ- ment, annual average (1,000)	Payroll index
1919.....	8,617	17.8	1950.....	12,523	68.9
1920.....	8,652	21.3	1951.....	13,368	80.3
1925.....	8,061	18.4	1952.....	13,359	84.5
1929.....	8,567	20.0	1953.....	14,055	93.0
1930.....	7,464	16.2	1954.....	12,817	85.4
1935.....	7,374	13.9	1955.....	13,288	94.8
1940.....	8,940	21.1	1956.....	13,436	100.2
1945.....	13,009	54.3	1957.....	13,189	101.4
1946.....	12,274	50.2	1958.....	11,997	93.5
1947.....	12,900	60.3	1959.....	12,596	105.1
1948.....	12,910	64.8	1960.....	12,562	106.6
1949.....	11,760	60.0	1961.....	12,046	105.2

Source: Department of Labor, Bureau of Labor Statistics.

### No. 304. PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES—HOURLY AND WEEKLY EARNINGS AND WEEKLY HOURS: 1940 TO 1962

[Beginning 1959, includes Alaska and Hawaii. Net spendable average weekly earnings represent average gross earnings less social security and income taxes for which specified worker is liable. These net spendable earnings are then divided by the BLS consumers price index adjusted to an average 1957-59 base, to obtain net spendable earnings in 1957-59 dollars. Overtime is defined as work in excess of either the straight-time workday or work-week and paid for at time and one-half. Computation of average hourly earnings exclusive of overtime makes no allowance for special rates of pay for work done on holidays. See also *Historical Statistics, Colonial Times to 1957*, series D 626-628]

YEAR	Gross average weekly earnings	NET SPENDABLE AVERAGE WEEKLY EARNINGS				Average weekly hours	AVERAGE HOURLY EARNINGS	
		Worker with no dependents		Worker with 3 dependents			Gross	Exclud- ing overtime
		Current dollars	1957-59 dollars	Current dollars	1957-59 dollars			
1940	\$24.96	\$24.46	\$50.12	\$24.71	\$50.64	38.1	\$0.66	
1945	44.20	36.82	58.72	42.59	67.93	43.5	1.02	\$0.95
1950	58.32	50.26	59.98	56.36	67.26	40.5	1.44	1.39
1955	75.70	62.51	67.00	60.70	74.80	40.7	1.86	1.79
1956	78.78	64.92	68.55	72.25	76.29	40.4	1.95	1.89
1957	81.59	66.93	68.30	74.31	75.83	39.8	2.05	1.99
1958	82.71	67.82	67.35	75.23	74.71	39.2	2.11	2.05
1959	88.26	71.89	70.83	79.40	78.23	40.3	2.19	2.12
1960	89.72	72.57	70.39	80.11	77.70	39.7	2.26	2.20
1961	92.34	74.60	71.59	82.18	78.87	39.8	2.32	2.25
1962, March (prel.)	95.91	77.34	73.66	85.00	80.95	40.3	2.38	2.31

<sup>1</sup> Eleven-month average; August 1945 excluded because of V-J day holiday period.

Source: Department of Labor, Bureau of Labor Statistics; *Employment and Earnings*.

### No. 305. HOURLY AND WEEKLY EARNINGS (INCLUDING OVERTIME) IN CURRENT AND 1960 PRICES FOR SELECTED INDUSTRIES: 1940 TO 1961

Beginning 1959, includes Alaska and Hawaii. Data are for production workers in manufacturing, construction workers in contract construction, and nonsupervisory employees in retail trade]

TYPE OF EARNINGS AND YEAR	MANUFACTURING						CONTRACT CONSTRUCTION		RETAIL TRADE	
	Total		Durable		Nondurable		Current prices	1961 prices <sup>1</sup>	Current prices	1961 prices <sup>1</sup>
	Current prices	1961 prices <sup>1</sup>	Current prices	1961 prices <sup>1</sup>	Current prices	1961 prices <sup>1</sup>				
HOURLY										
1940	\$0.655	\$1.397	\$0.716	\$1.527	\$0.590	\$1.258	(2)	(2)	\$0.484	\$1.032
1945	1.016	1.688	1.099	1.826	.886	1.472	(2)	(2)	.699	1.161
1950	1.440	1.791	1.519	1.889	1.347	1.675	\$1.863	\$2.317	1.050	1.306
1955	1.86	2.08	1.99	2.22	1.67	1.86	2.45	2.73	1.34	1.50
1956	1.95	2.15	2.08	2.29	1.77	1.95	2.57	2.83	1.40	1.54
1957	2.05	2.18	2.19	2.33	1.85	1.97	2.71	2.88	1.47	1.56
1958	2.11	2.18	2.26	2.34	1.91	1.98	2.82	2.92	1.52	1.57
1959	2.19	2.25	2.36	2.42	1.98	2.03	2.93	3.01	1.57	1.61
1960	2.26	2.28	2.43	2.45	2.05	2.07	3.07	3.10	1.62	1.64
1961	2.32	2.32	2.49	2.49	2.11	2.11	3.18	3.18	1.68	1.68
WEEKLY										
1940	24.96	53.22	28.07	59.85	21.83	46.55	(2)	(2)	21.34	45.50
1945	44.20	73.42	43.36	80.33	37.48	62.26	(2)	(2)	28.59	47.49
1950	58.32	72.54	62.43	77.65	53.48	66.52	69.68	80.67	43.16	53.68
1955	75.70	84.49	82.10	91.73	66.63	74.36	90.90	101.45	53.06	59.22
1956	78.78	86.67	85.28	93.82	70.09	77.11	96.38	106.03	54.74	60.22
1957	81.59	86.71	83.26	93.79	72.52	77.07	100.27	103.56	56.89	60.46
1958	82.71	85.62	89.27	92.41	74.11	76.72	103.78	107.43	58.82	60.89
1959	88.26	90.52	96.05	98.51	78.61	80.63	108.41	111.19	60.76	62.32
1960	89.72	90.93	97.44	98.42	80.36	81.17	112.67	113.81	62.37	63.00
1961	92.34	92.34	100.06	100.06	82.20	82.89	117.60	117.60	64.11	64.11

<sup>1</sup> Earnings in current prices divided by consumer price index on base 1961=100.

<sup>2</sup> Not available.

Source: Executive Office of the President, Council of Economic Advisers. Based on Department of Labor data.



**No. 306. HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES, BY INDUSTRY: 1959, 1960, AND 1961**

[Includes Alaska and Hawaii. Data are based upon reports from cooperating establishments covering both full- and part-time employees who worked during, or received pay for, any part of the pay period ending nearest the 15th of the month. For mining, manufacturing, laundries, and cleaning and dyeing plants, data refer to production and related workers only. For contract construction industries, data relate to employees engaged in actual construction work. For other industries, data relate to nonsupervisory employees and working supervisors. See also *Historical Statistics, Colonial Times to 1957*, series D 626-641 and D 669-684, for selected industries]

INDUSTRY	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	1959	1960	1961	1959	1960	1961	1959	1960	1961
<b>Mining</b> .....	\$103.68	\$105.44	\$107.18	40.5	40.4	40.6	\$2.56	\$2.61	\$2.64
Metal mining.....	102.77	111.19	113.44	40.3	41.8	41.4	2.55	2.68	2.74
Coal mining.....	109.03	110.76	111.34	35.4	35.5	35.8	3.08	3.12	3.11
Crude petroleum and natural-gas production (except contract services).....	103.62	103.32	105.75	42.6	42.0	41.8	2.43	2.46	2.53
Quarrying and nonmetallic mining.....	94.57	96.58	99.86	44.4	43.7	43.8	2.13	2.21	2.28
<b>Contract construction</b> .....	108.41	112.67	117.71	37.0	36.7	36.9	2.93	3.07	3.19
General building contractors.....	100.32	103.72	108.83	35.7	35.4	35.8	2.81	2.93	3.04
Heavy construction.....	108.94	114.77	118.48	40.8	40.7	40.3	2.67	2.82	2.94
Special trade contractors.....	113.62	118.11	123.08	36.3	35.9	36.2	3.13	3.29	3.40
<b>Manufacturing</b> .....	88.26	89.72	92.34	40.3	39.7	39.8	2.19	2.26	2.32
Durable goods.....	96.05	97.44	100.10	40.7	40.1	40.2	2.30	2.43	2.49
Nondurable goods.....	78.61	80.36	82.92	39.7	39.2	39.3	1.98	2.05	2.11
Ordnance and accessories.....	106.30	108.67	113.70	41.2	40.7	40.9	2.58	2.67	2.78
Food and kindred products.....	82.82	86.30	89.10	41.0	40.9	40.9	2.02	2.11	2.18
Meat products.....	92.29	94.83	97.58	41.2	40.7	41.0	2.24	2.33	2.38
Dairy products.....	86.50	89.68	92.43	42.4	42.3	42.4	2.04	2.12	2.18
Canned and preserved food, except meats.....	65.28	68.71	71.04	38.4	38.6	38.4	1.70	1.78	1.85
Grain-mill products.....	90.85	94.15	99.23	44.1	44.2	44.7	2.06	2.13	2.22
Bakery products.....	80.00	83.81	87.64	40.2	40.1	40.2	1.99	2.09	2.18
Sugar.....	88.64	93.70	97.65	44.1	44.2	43.4	2.01	2.12	2.25
Confectionery and related products.....	66.59	69.34	73.23	39.4	39.4	39.8	1.69	1.76	1.84
Beverages.....	93.56	96.72	99.20	40.5	40.3	40.0	2.31	2.40	2.48
Miscellaneous food and kindred products.....	81.79	83.95	87.13	42.6	42.4	42.5	1.92	1.98	2.05
<b>Tobacco manufactures</b> .....	64.12	64.94	69.06	39.1	38.2	38.8	1.64	1.70	1.78
Cigarettes.....	80.40	80.29	85.28	40.2	38.6	39.3	2.00	2.08	2.17
Cigars.....	52.88	53.86	55.80	37.5	37.4	37.7	1.41	1.44	1.48
<b>Textile-mill products</b> .....	63.02	63.60	65.04	40.4	39.5	39.9	1.56	1.61	1.63
Cotton broad woven fabrics.....	60.90	62.56	63.20	40.6	40.1	40.0	1.50	1.56	1.58
Silk and synthetic broad woven fabrics.....	66.94	68.31	68.72	42.1	41.4	41.4	1.59	1.65	1.66
Weaving and finishing broad wools.....	70.64	69.83	72.10	42.3	40.6	41.2	1.67	1.72	1.75
Narrow fabrics and small wares.....	65.69	66.07	68.11	40.8	39.8	40.3	1.61	1.66	1.69
Knitting.....	57.13	56.93	59.21	38.6	37.7	38.2	1.48	1.51	1.55
Finishing textiles, except wool and knit.....	72.14	71.73	74.88	41.7	40.3	41.6	1.73	1.78	1.80
Floor covering.....	72.51	70.62	71.46	41.2	39.9	40.6	1.76	1.77	1.76
Yarn and thread.....	58.40	58.05	59.55	40.0	38.7	39.7	1.40	1.50	1.50
Miscellaneous textile goods.....	72.45	73.60	75.95	40.7	40.0	40.4	1.78	1.84	1.88
<b>Apparel and related products</b> .....	56.63	56.45	57.70	36.3	35.5	35.4	1.56	1.59	1.63
Men's and boys' suits and coats.....	65.28	68.27	67.78	37.3	36.9	35.3	1.75	1.85	1.92
Men's and boys' furnishings and work clothing.....	49.14	48.55	49.87	37.8	36.5	36.4	1.30	1.33	1.37
Women's, misses', and juniors' outerwear.....	59.68	59.76	61.27	34.1	33.2	33.3	1.75	1.77	1.84
Women's, children's under garments.....	51.97	51.91	53.87	36.6	35.8	36.4	1.42	1.45	1.48
Hats, caps, and millinery.....	61.90	60.64	63.19	36.2	35.2	35.7	1.71	1.72	1.77
Girls' and children's outerwear.....	50.84	51.54	52.90	35.8	35.3	35.5	1.42	1.46	1.49
Fur goods and misc. apparel.....	60.62	58.74	60.50	36.3	35.6	35.8	1.67	1.65	1.69
Misc. fabricated textile products.....	59.75	60.48	61.45	38.3	37.8	37.7	1.56	1.60	1.63
<b>Lumber and wood products (except furniture)</b> .....	74.24	73.71	76.44	39.7	39.0	39.4	1.87	1.89	1.94
Sawmills and planing mills.....	67.26	67.20	68.99	39.8	39.3	39.2	1.69	1.71	1.76
Millwork, plywood, and related products.....	82.81	81.19	84.03	41.2	39.8	40.4	2.01	2.04	2.08
Wooden containers.....	61.35	62.17	63.12	40.1	39.6	39.7	1.53	1.57	1.59
Miscellaneous wood products.....	68.21	69.32	69.95	40.0	40.3	40.2	1.68	1.72	1.74
<b>Furniture and fixtures</b> .....	74.48	75.20	76.21	40.7	40.0	39.9	1.83	1.88	1.91
Household furniture.....	70.82	70.45	71.64	40.7	39.8	39.8	1.74	1.77	1.80
Office furniture.....	86.27	90.42	90.76	40.5	41.1	40.7	2.13	2.20	2.23
Partitions, office and store.....	93.09	96.72	100.28	40.3	40.3	40.6	2.31	2.40	2.47
Other furniture and fixtures.....	77.33	78.78	80.40	40.7	40.4	40.4	1.90	1.95	1.99
<b>Paper and allied products</b> .....	93.30	95.87	99.45	42.8	42.2	42.5	2.18	2.26	2.34
Paper and pulp.....	102.75	105.46	109.25	44.1	43.4	43.7	2.33	2.43	2.50
Paperboard.....	102.90	105.16	109.87	43.0	43.1	43.6	2.36	2.44	2.52
Converted paper and paperboard products.....	81.16	83.23	87.13	41.2	40.8	41.1	1.97	2.04	2.12
Paperboard containers and boxes.....	85.27	86.10	90.47	41.8	41.0	41.5	2.04	2.10	2.18

**No. 306. HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES, BY INDUSTRY: 1959, 1960, and 1961—Continued**

INDUSTRY	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	1959	1960	1961	1959	1960	1961	1959	1960	1961
<b>Manufacturing—Continued</b>									
Printing, publishing, and allied industries.....	\$99.72	\$102.80	\$104.67	38.5	38.5	38.2	\$2.59	\$2.67	\$2.74
Newspapers.....	101.84	105.33	107.02	36.5	36.7	36.4	2.79	2.87	2.94
Periodicals.....	105.60	109.18	110.09	39.7	39.7	39.6	2.66	2.75	2.78
Books.....	92.34	95.82	99.00	40.5	40.6	40.6	2.28	2.35	2.44
Commercial printing.....	100.86	103.88	106.20	39.4	39.2	38.9	2.60	2.65	2.75
Bookbinding and related industries.....	77.16	78.87	82.13	38.2	38.1	38.2	2.02	2.07	2.15
Other publishing and printing industries.....	104.06	106.37	108.19	38.4	38.4	38.5	2.71	2.77	2.81
Chemicals and allied products.....	99.36	103.25	106.81	41.4	41.3	41.4	2.40	2.50	2.58
Industrial chemicals.....	113.15	117.31	122.09	41.0	41.6	42.1	2.72	2.82	2.90
Plastics and synthetics, except glass.....	100.50	104.17	107.74	41.7	41.5	41.6	2.41	2.51	2.50
Drugs.....	87.51	90.68	93.90	40.7	40.3	40.5	2.15	2.25	2.32
Soap, cleaners, and toilet goods.....	90.54	94.77	98.98	40.6	40.5	40.9	2.23	2.34	2.42
Paints, varnishes, and allied products.....	92.70	95.65	98.49	41.2	40.7	40.7	2.25	2.35	2.42
Agricultural chemicals.....	80.17	82.37	84.15	43.1	42.9	42.5	1.86	1.92	1.98
Other chemical products.....	94.16	97.00	101.19	41.3	41.3	41.3	2.28	2.35	2.45
Petroleum refining and related industries.....	117.42	118.78	124.42	41.2	41.1	41.2	2.85	2.89	3.02
Petroleum refining.....	121.99	123.22	129.24	40.8	40.8	40.9	2.99	3.02	3.16
Other petroleum and coal products.....	97.61	99.26	102.34	43.0	42.6	43.0	2.27	2.33	2.38
Rubber and miscellaneous plastic products.....	94.10	92.97	96.22	41.3	39.9	40.3	2.28	2.33	2.39
Tires and inner tubes.....	123.64	110.33	121.57	41.6	39.3	39.6	2.90	2.96	3.07
Other rubber products.....	88.38	87.82	91.53	41.3	40.1	40.5	2.14	2.19	2.26
Miscellaneous plastic products.....	78.53	79.40	82.82	40.9	40.1	40.6	1.92	1.98	2.04
Leather and leather products.....	60.26	60.52	62.66	37.9	36.9	37.3	1.50	1.64	1.68
Leather: tanning and finishing.....	79.39	81.74	84.74	39.3	39.3	39.6	2.02	2.08	2.14
Footwear (except rubber).....	58.28	58.04	60.15	37.6	36.5	36.9	1.55	1.59	1.63
Other leather products.....	57.99	58.62	60.01	37.9	37.1	37.6	1.53	1.58	1.62
Stone, clay, and glass products.....	91.46	92.97	95.00	41.2	40.6	40.6	2.22	2.29	2.37
Flint glass.....	132.29	127.35	122.36	41.6	39.3	38.6	3.18	3.16	3.14
Glass and glassware, pressed or blown.....	88.36	91.04	95.44	39.8	39.8	40.1	2.22	2.31	2.38
Cement, hydraulic.....	98.98	102.87	106.52	40.9	40.5	40.5	2.42	2.54	2.63
Structural clay products.....	81.19	82.21	84.24	40.8	40.3	40.5	1.99	2.04	2.08
Pottery and related products.....	78.90	81.37	82.51	38.3	38.2	38.2	2.06	2.13	2.16
Concrete, gypsum, and plaster products.....	92.45	93.04	97.10	43.2	42.1	42.4	2.14	2.21	2.29
Other stone and mineral products.....	93.15	93.79	96.05	41.4	40.6	40.7	2.25	2.31	2.36
Primary metal industries.....	112.19	100.59	114.55	40.5	39.0	39.5	2.77	2.81	2.90
Blast furnace and basic steel products.....	122.71	116.13	122.22	40.1	38.2	38.8	3.06	3.04	3.15
Iron and steel foundries.....	97.04	96.61	98.81	40.1	38.8	38.9	2.42	2.40	2.54
Nonferrous smelting and refining.....	104.81	108.09	109.89	41.1	41.1	40.7	2.55	2.63	2.70
Nonferrous rolling, drawing, and extruding.....	105.59	105.01	111.76	41.9	40.7	41.7	2.62	2.58	2.68
Nonferrous foundries.....	96.87	97.51	100.35	40.7	39.8	40.3	2.38	2.45	2.49
Miscellaneous primary metal industries.....	111.50	112.02	116.98	40.4	39.9	40.2	2.76	2.83	2.91
Fabricated metal products (except ordnance, machinery, and transportation equipment).....	96.12	98.82	100.85	40.9	40.5	40.5	2.35	2.44	2.49
Metal cans.....	113.21	114.68	121.80	42.4	41.4	42.0	2.67	2.77	2.90
Cutlery, handtools, and general hardware.....	89.10	93.03	93.93	40.5	40.1	39.8	2.20	2.32	2.36
Heating equipment and plumbing fixtures.....	91.43	91.26	94.80	40.1	39.0	39.5	2.28	2.34	2.40
Fabricated structural metal products.....	95.63	99.47	102.47	42.2	40.6	40.5	2.38	2.45	2.53
Screw machine products, bolts, etc.....	97.06	95.58	98.90	42.2	40.5	40.7	2.30	2.36	2.43
Metal stampings.....	104.33	107.74	105.26	41.9	41.6	40.8	2.49	2.59	2.58
Coating, engraving, and allied services.....	84.46	86.43	90.32	41.0	40.2	40.5	2.06	2.15	2.23
Miscellaneous fabricated wire products.....	89.21	90.50	93.48	41.3	40.4	40.9	2.16	2.24	2.31
Miscellaneous fabricated metal products.....	95.82	96.96	99.94	40.6	39.9	40.3	2.36	2.43	2.48
Machinery (except electrical).....	102.92	104.55	107.16	41.5	41.0	40.9	2.48	2.55	2.62
Engines and turbines.....	109.48	109.69	114.40	40.7	39.6	40.0	2.69	2.77	2.86
Farm machinery and equipment.....	99.47	99.85	103.20	40.6	40.1	40.0	2.45	2.49	2.58
Construction and related machinery.....	103.25	102.66	106.52	41.3	40.1	40.5	2.50	2.56	2.63
Metalworking machinery and equipment.....	113.32	117.27	116.90	42.6	42.8	41.9	2.66	2.74	2.79
Special-industry machinery (except metal-working machinery).....	96.37	99.72	101.43	41.9	41.9	41.4	2.30	2.38	2.45
General industrial machinery.....	102.01	101.71	104.78	41.3	40.2	40.3	2.47	2.53	2.60
Office, computing, and accounting machines.....	101.91	106.23	111.51	40.6	40.7	41.3	2.61	2.61	2.70
Service-industry machines.....	93.02	93.43	95.60	40.8	40.1	40.0	2.28	2.33	2.39
Miscellaneous machinery.....	99.64	101.26	104.28	42.0	41.5	41.7	2.37	2.44	2.50

No. 306. HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES, BY INDUSTRY: 1959, 1960, and 1961—Continued

INDUSTRY	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	1959	1960	1961	1959	1960	1961	1959	1960	1961
<b>Manufacturing—Continued</b>									
Electrical equipment and supplies.....	\$89.10	\$90.74	\$94.24	40.5	39.8	40.1	\$2.20	\$2.28	\$2.35
Electric distribution equipment.....	95.65	97.77	101.00	40.7	40.4	40.4	2.35	2.42	2.50
Electrical industrial apparatus.....	93.43	95.44	99.38	40.8	40.1	40.4	2.29	2.38	2.40
Household appliances.....	94.87	96.23	101.56	40.2	39.6	40.3	2.36	2.43	2.52
Electric lighting and wiring equipment.....	83.63	84.71	87.91	40.4	39.4	39.6	2.07	2.15	2.22
Radio and TV receiving sets.....	79.40	80.11	82.50	39.5	38.7	39.1	2.01	2.07	2.11
Communication equipment.....	97.41	98.82	102.31	41.1	40.5	40.6	2.37	2.44	2.52
Electronic components and accessories.....	74.00	76.24	80.40	40.0	39.5	40.2	1.85	1.93	2.00
Misc. electrical equipment and supplies.....	92.34	93.93	96.32	40.5	39.8	39.8	2.28	2.36	2.42
<b>Transportation equipment.....</b>	<b>107.45</b>	<b>111.52</b>	<b>113.12</b>	<b>40.7</b>	<b>40.7</b>	<b>40.4</b>	<b>2.64</b>	<b>2.74</b>	<b>2.80</b>
Motor vehicles and equipment.....	111.38	115.21	114.11	41.1	41.0	39.9	2.71	2.81	2.86
Aircraft and parts.....	106.63	110.43	115.09	47.0	40.9	41.4	2.62	2.70	2.78
Ship and boat building and repairing.....	100.47	103.75	110.64	39.4	39.3	39.8	2.55	2.64	2.78
Railroad equipment.....	105.72	107.86	108.67	39.3	38.8	38.4	2.69	2.78	2.83
Other transportation equipment.....	80.40	80.13	83.92	40.4	38.9	39.4	1.99	2.06	2.13
<b>Instruments and related products.....</b>	<b>91.39</b>	<b>93.73</b>	<b>96.87</b>	<b>40.8</b>	<b>40.4</b>	<b>40.7</b>	<b>2.24</b>	<b>2.32</b>	<b>2.38</b>
Engineering and scientific instruments.....	107.43	110.95	112.75	41.8	41.4	41.0	2.57	2.68	2.75
Mechanical measuring and control devices.....	91.84	92.00	95.91	41.0	40.0	40.3	2.24	2.30	2.38
Optical and ophthalmic goods.....	78.18	81.80	86.92	40.3	40.1	41.0	1.94	2.04	2.12
Surgical, medical, and dental equipment.....	78.79	80.40	82.21	40.2	40.0	40.3	1.96	2.01	2.04
Photographic equipment and supplies.....	102.01	106.14	111.19	41.3	41.3	41.8	2.47	2.57	2.66
Watches and clocks.....	76.63	76.83	80.78	39.5	39.0	39.6	1.94	1.97	2.04
<b>Miscellaneous manufacturing industries.....</b>	<b>73.42</b>	<b>74.28</b>	<b>75.84</b>	<b>39.9</b>	<b>39.3</b>	<b>39.5</b>	<b>1.84</b>	<b>1.89</b>	<b>1.92</b>
Jewelry, silverware, and plated ware.....	80.16	80.40	82.62	40.9	40.2	40.3	1.96	2.00	2.05
Toys, amusement, and sporting goods.....	66.98	67.73	70.17	39.4	38.7	39.2	1.70	1.75	1.79
Pens, pencils, office and art materials.....	70.98	71.92	73.26	40.1	39.3	39.6	1.77	1.83	1.85
Costume jewelry, buttons, notions.....	66.86	66.13	68.43	39.8	38.9	39.1	1.68	1.70	1.76
Other manufacturing industries.....	78.80	79.99	81.39	40.0	39.6	39.7	1.97	2.02	2.05
<b>Transportation and public utilities:</b>									
<b>Class I railroads.....</b>	<b>101.84</b>	<b>108.84</b>	<b>112.41</b>	<b>41.4</b>	<b>41.7</b>	<b>42.1</b>	<b>2.46</b>	<b>2.61</b>	<b>2.67</b>
Local and interurban passenger transit.....									
Local and suburban transportation <sup>1</sup> .....	91.57	94.82	98.01	43.4	43.1	42.8	2.11	2.20	2.29
Intercity and rural bus lines.....	100.01	105.22	112.30	42.2	42.6	42.7	2.37	2.47	2.63
Motor freight transportation and storage.....	102.12	104.17	108.16	42.2	41.5	41.6	2.42	2.51	2.60
Pipeline transportation.....	124.14	124.63	131.45	40.7	40.3	40.2	3.05	3.09	3.27
Telephone communication.....	85.46	89.50	93.38	39.2	39.6	39.4	2.18	2.26	2.37
Telegraph communication <sup>2</sup> .....	95.99	100.01	104.16	42.1	42.2	42.0	2.28	2.37	2.48
Radio and television broadcasting.....	115.50	121.13	119.42	38.5	38.7	38.4	3.00	3.13	3.11
Electric, gas, and sanitary services.....	103.73	108.65	112.48	41.0	41.0	40.9	2.53	2.65	2.75
<b>Trade:</b>									
Wholesale trade.....	88.91	91.13	93.56	40.6	40.5	40.5	2.19	2.25	2.31
Retail trade (except eating and drinking places).....	60.76	62.37	64.01	38.7	38.5	38.1	1.57	1.62	1.68
General merchandise stores.....	47.69	48.58	50.52	35.0	34.7	34.6	1.36	1.40	1.43
Food stores.....	58.72	60.98	63.01	36.7	36.3	35.8	1.60	1.68	1.76
Apparel and accessories stores.....	50.49	51.30	52.40	35.0	34.9	34.7	1.44	1.47	1.51
Furniture and appliance stores.....	73.87	74.98	77.64	41.5	41.2	41.3	1.78	1.82	1.88
Other retail trade.....	70.22	71.57	73.57	42.3	42.1	41.8	1.66	1.70	1.76
<b>Finance, insurance, and real estate:</b>									
Banking.....	65.10	67.15	69.19	37.2	37.1	37.0	1.75	1.81	1.87
Security dealers and exchanges.....	124.07	117.12	132.79						
Insurance carriers.....	85.29	87.41	89.79						
<b>Service and miscellaneous:</b>									
Hotels, tourist courts, and motels <sup>3</sup> .....	42.40	43.89	45.54	40.0	39.9	39.6	1.06	1.10	1.15
Laundries, cleaning and dyeing plants.....	46.80	48.11	49.28	39.0	38.8	38.8	1.20	1.24	1.27
Motion picture filming and distributing.....	111.76	113.69	116.67						

<sup>1</sup> Data include only privately operated establishments.

<sup>2</sup> Excludes messengers.

<sup>3</sup> Money payments only; additional value of board, room, uniforms, and tips excluded.

Source: Department of Labor, Bureau of Labor Statistics; *Employment and Earnings*.

**NO. 307. PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES—HOURS AND GROSS EARNINGS, BY STATES: 1960 and 1961**

STATE	AVERAGE WEEKLY EARNINGS		AVERAGE WEEKLY HOURS		AVERAGE HOURLY EARNINGS	
	1960	1961	1960	1961	1960	1961
<b>United States <sup>1</sup></b> .....	<b>\$89.72</b>	<b>\$92.34</b>	<b>39.7</b>	<b>39.8</b>	<b>\$2.26</b>	<b>\$2.32</b>
<b>New England:</b>						
Maine.....	71.15	73.38	40.2	40.1	1.77	1.83
New Hampshire.....	70.46	73.16	39.8	40.2	1.77	1.82
Vermont.....	76.59	78.06	41.4	41.3	1.85	1.89
Massachusetts.....	81.96	85.55	39.2	39.5	2.09	2.17
Rhode Island.....	73.70	77.60	39.2	40.0	1.88	1.94
Connecticut.....	93.26	97.27	40.2	40.7	2.32	2.39
<b>Middle Atlantic:</b>						
New York.....	89.61	92.21	38.8	38.8	2.31	2.38
New Jersey.....	93.93	97.60	39.0	40.0	2.37	2.44
Pennsylvania.....	89.86	91.65	38.9	39.0	2.31	2.35
<b>East North Central:</b>						
Ohio.....	104.13	107.15	40.0	40.0	2.60	2.68
Indiana.....	100.49	102.78	40.0	40.1	2.51	2.56
Illinois.....	97.70	100.09	40.0	40.1	2.45	2.52
Michigan.....	112.00	112.32	40.8	40.1	2.75	2.80
Wisconsin.....	96.32	97.66	40.6	40.6	2.37	2.41
<b>West North Central:</b>						
Minnesota.....	95.07	99.46	40.4	40.5	2.36	2.45
Iowa.....	93.68	97.68	39.8	40.0	2.35	2.45
Missouri.....	87.57	90.04	39.1	39.1	2.24	2.30
North Dakota.....	81.85	87.66	41.4	42.0	1.97	2.09
South Dakota.....	90.90	95.19	45.0	45.6	2.02	2.09
Nebraska.....	87.41	91.06	42.0	42.3	2.08	2.15
Kansas.....	96.82	99.73	40.6	41.0	2.36	2.43
<b>South Atlantic:</b>						
Delaware.....	91.01	93.63	39.4	40.1	2.31	2.32
Maryland.....	90.63	93.37	40.1	39.9	2.26	2.34
District of Columbia <sup>2</sup> .....	97.61	102.25	39.2	40.1	2.49	2.55
Virginia.....	70.62	74.55	39.9	40.3	1.77	1.85
West Virginia.....	93.27	97.96	38.7	39.5	2.41	2.48
North Carolina.....	61.14	63.36	39.7	40.1	1.54	1.58
South Carolina.....	63.27	65.20	40.3	40.5	1.57	1.61
Georgia.....	65.40	67.09	39.4	39.7	1.66	1.69
Florida.....	76.07	79.71	40.9	41.3	1.86	1.93
<b>East South Central:</b>						
Kentucky.....	83.92	88.18	39.4	39.9	2.13	2.21
Tennessee.....	73.23	75.20	39.8	40.0	1.84	1.88
Alabama.....	75.65	79.20	39.4	39.6	1.92	2.00
Mississippi.....	60.60	61.93	39.8	39.7	1.52	1.56
<b>West South Central:</b>						
Arkansas.....	62.71	64.56	40.2	40.1	1.56	1.61
Louisiana.....	86.71	90.58	40.9	40.8	2.12	2.22
Oklahoma.....	85.47	87.53	40.7	40.9	2.10	2.14
Texas.....	89.19	92.48	41.1	41.1	2.17	2.25
<b>Mountain:</b>						
Montana.....	96.04	97.07	39.2	39.3	2.45	2.47
Idaho.....	90.00	90.52	40.0	39.7	2.25	2.28
Wyoming.....	95.25	96.00	37.6	37.5	2.54	2.56
Colorado.....	98.26	103.48	40.6	40.9	2.42	2.53
New Mexico.....	82.58	84.99	39.7	39.9	2.08	2.13
Arizona.....	99.14	101.81	40.3	40.4	2.46	2.52
Utah.....	98.89	104.12	40.2	40.2	2.46	2.59
Nevada.....	113.30	115.60	41.2	40.0	2.75	2.89
<b>Pacific: <sup>3</sup></b>						
Washington.....	101.78	106.08	38.7	39.0	2.63	2.72
Oregon.....	97.04	100.36	38.1	38.6	2.55	2.60
California.....	104.28	108.53	39.8	39.9	2.62	2.72

<sup>1</sup> Excludes Alaska and Hawaii.<sup>2</sup> Represents Washington, D.C., Standard Metropolitan Statistical Area.Source: Department of Labor, Bureau of Labor Statistics; *Employment and Earnings*.

# **NO. 308. PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES—ESTIMATED PERCENT DISTRIBUTION BY AVERAGE STRAIGHT-TIME HOURLY EARNINGS, BY REGIONS: 1954 AND 1958**

[1954 as of April; 1958 as of May. Excludes premium pay for overtime and for work on weekends, holidays, and late shifts. Regions: *Northeast*—Conn., Maine, Mass., N.H., N.J., N.Y., Pa., R.I., Vt.; *South*—Ala., Ark., Del., D.C., Fla., Ga., Ky., La., Md., Miss., N.C., Okla., S.C., Tenn., Tex., Va., W. Va.; *North Central*—Ill., Ind., Iowa, Kans., Mich., Minn., Mo., Nebr., N. Dak., Ohio, S. Dak., Wis.; *West*—Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Oreg., Utah, Wash., and Wyo.]

AVERAGE HOURLY EARNINGS	UNITED STATES		NORTHEAST		SOUTH		NORTH CENTRAL		WEST	
	Work-ers	Cumu-lative workers	Work-ers	Cumu-lative workers	Work-ers	Cumu-lative workers	Work-ers	Cumu-lative workers	Work-ers	Cumu-lative workers
<b>1954</b>										
Under \$1.00.....	10.2	10.2	8.0	8.0	28.2	28.2	4.1	4.1	1.8	1.8
\$1.00 to \$1.09.....	5.1	15.3	6.2	13.2	10.4	38.6	2.8	6.9	1.6	3.4
\$1.10 to \$1.19.....	4.7	20.0	5.4	18.6	8.0	46.6	2.9	9.8	1.6	4.0
\$1.20 to \$1.29.....	5.3	25.4	6.5	25.1	7.0	53.6	3.8	13.6	3.1	8.0
\$1.30 to \$1.39.....	5.7	31.1	7.0	32.1	6.1	59.8	4.7	18.4	3.2	11.2
\$1.40 to \$1.49.....	6.0	37.1	7.8	39.9	5.6	65.3	5.2	23.6	3.4	14.5
\$1.50 to \$1.59.....	7.5	44.6	8.7	48.6	5.0	71.2	7.9	31.5	5.2	27.2
\$1.60 to \$1.69.....	8.0	52.5	8.4	56.9	4.8	76.1	9.4	40.9	7.6	34.8
\$1.70 to \$1.79.....	7.0	60.6	7.8	64.7	4.1	80.2	9.1	50.1	8.7	35.9
\$1.80 to \$1.89.....	7.5	67.6	6.9	71.6	3.8	84.0	9.1	59.2	12.1	48.0
\$1.90 to \$1.99.....	7.5	75.2	5.8	77.3	3.3	87.4	10.9	70.1	11.0	59.0
\$2.00 to \$2.19.....	10.7	85.9	9.0	86.3	5.6	92.9	13.7	83.7	18.0	77.0
\$2.20 to \$2.39.....	6.1	91.9	5.4	91.7	3.6	96.4	0.9	84.7	5.6	87.5
\$2.40 to \$2.59.....	3.6	95.5	3.3	95.0	1.8	98.3	4.2	94.9	5.6	93.2
\$2.60 to \$2.79.....	1.8	97.3	1.8	96.8	0.8	99.1	2.2	97.1	2.6	95.8
\$2.80 to \$2.99.....	1.0	98.3	1.1	97.9	0.4	99.5	1.2	98.3	1.4	97.3
\$3.00 and over.....	1.7	100.0	2.1	100.0	0.5	100.0	1.7	100.0	2.7	100.0
<b>1958</b>										
Under \$1.00.....	0.3	0.3	0.1	0.1	0.9	0.9	0.2	0.2	0.1	0.1
\$1.00 to \$1.09.....	7.6	7.9	5.4	5.5	20.8	21.7	3.0	3.2	2.1	2.2
\$1.10 to \$1.19.....	5.3	13.2	5.4	10.9	10.8	32.5	2.6	5.9	1.1	3.4
\$1.20 to \$1.29.....	5.5	18.6	6.2	17.1	9.6	42.1	2.9	8.8	1.8	5.2
\$1.30 to \$1.39.....	4.3	22.9	5.5	22.6	6.2	48.3	2.7	11.4	1.7	6.9
\$1.40 to \$1.49.....	4.1	27.0	4.9	27.5	4.9	53.3	3.3	14.7	1.9	8.8
\$1.50 to \$1.59.....	4.8	31.8	6.1	33.6	4.9	58.2	3.9	18.6	2.9	11.6
\$1.60 to \$1.69.....	4.7	36.5	5.6	39.2	4.4	62.6	4.5	23.1	3.0	14.7
\$1.70 to \$1.79.....	5.1	41.7	6.1	45.3	4.4	66.9	5.0	28.1	3.7	18.4
\$1.80 to \$1.89.....	5.2	46.9	5.7	51.0	3.3	70.2	6.1	34.2	4.5	22.9
\$1.90 to \$1.99.....	5.0	51.8	5.2	56.2	3.2	73.4	5.7	39.8	5.9	28.8
\$2.00 to \$2.19.....	11.8	63.7	11.5	67.8	5.6	79.1	14.6	54.4	17.8	46.6
\$2.20 to \$2.39.....	11.7	75.4	10.1	77.8	6.0	85.1	10.1	70.5	15.3	61.9
\$2.40 to \$2.59.....	8.5	84.0	7.8	85.6	4.9	90.0	10.5	81.0	12.8	74.7
\$2.60 to \$2.79.....	6.1	90.0	5.4	91.1	3.5	93.5	6.9	87.8	11.3	86.0
\$2.80 to \$2.99.....	4.2	94.3	3.7	94.7	3.2	96.7	5.3	93.0	5.5	91.4
\$3.00 and over.....	5.7	100.0	5.3	100.0	3.3	100.0	7.0	100.0	8.6	100.0

Source: Department of Labor, Bureau of Labor Statistics; *Factory Workers' Earnings: Distribution by Straight-Time Hourly Earnings, April 1954* (Bulletin No. 1179) and *Factory Workers' Earnings, May 1958*. (Bulletin No. 1252.)

## **NO. 309. PERCENT OF OFFICE AND PLANT WORKERS EMPLOYED IN ESTABLISHMENTS HAVING FORMAL PROVISIONS FOR SELECTED SUPPLEMENTARY WAGE BENEFITS, 188 STANDARD METROPOLITAN STATISTICAL AREAS: 1961**

[Surveys relate geographically to the 188 standard metropolitan statistical areas in the United States, excluding Alaska and Hawaii, as established by the Bureau of the Budget through 1959. Based on occupational wages surveys conducted in 80 areas, selected to represent the 188 areas; 34 of the areas were surveyed in late 1960, and 46 during the first half of 1961. Data obtained from sample of establishments which employ 50 workers or more, except in 12 of the largest areas where the minimum size was 100 employees for manufacturing, public utilities, and retail trade; see source. Excludes data for government institutions, and construction and extractive industries. Excludes administrative, executive, and professional employees]

TYPE OF BENEFIT	Office workers	Plant workers	TYPE OF BENEFIT	Office workers	Plant workers
<b>Paid holidays: <sup>1</sup></b>			<b>Paid vacations: <sup>3</sup>—Con.</b>		
Under 6 days.....	4	8	4 weeks or more.....	42	27
6 or more days.....	95	87	After 20 years of service.....	15	11
7 or more days.....	77	67	After 25 years of service.....	37	25
8 or more days.....	43	23	<b>Health, insurance, and pension plans:</b>		
9 or more days.....	24	7	Life insurance.....	93	90
11 or more days.....	13	2	Hospitalization.....	84	87
12 or more days.....	4	( <sup>2</sup> )	Surgical.....	82	86
<b>Paid vacations: <sup>3</sup></b>			Medical.....	63	62
2 weeks or more.....	99	94	Catastrophe.....	49	21
After 1 year of service.....	76	20	Sickness and accident insurance.....	41	64
After 5 years of service.....	90	94	Sick leave (full pay and no waiting period).....	59	14
3 weeks or more.....	90	78	Sick leave (partial pay and/or waiting period).....	7	10
After 5 years of service.....	9	7	Retirement pension <sup>4</sup> .....	77	67
After 10 years of service.....	41	29			
After 15 years of service.....	84	74			

<sup>1</sup> Relates to holidays provided annually. Data represent half-day and full-day holidays combined.

<sup>2</sup> Less than 0.5 percent.

<sup>3</sup> Such payments as percentages of annual earnings or flat-sum payments were converted to an equivalent time basis.

<sup>4</sup> Includes retirement-type profit-sharing plans.

Source: Department of Labor, Bureau of Labor Statistics; *Wages and Related Benefits: All Metropolitan Areas, 1960-61*. (Bulletin No. 1285-84.)

## No. 310. FARM EMPLOYMENT AND WAGE RATES: 1950 TO 1962

[Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series K 73-80]

YEAR OR MONTH	EMPLOYMENT <sup>1</sup> (1,000)			WAGE RATES <sup>4</sup>				Index of farm wage rates (1910-14 = 100)
	Total	Family <sup>2</sup>	Hired <sup>3</sup>	Per month		Per day		
				With board	Without board	With board	Without board	
1950.....	9,926	7,597	2,329	\$99.00	\$121.00	\$4.45	\$4.50	432
1951.....	9,546	7,310	2,236	113.00	137.00	5.00	5.00	481
1952.....	9,149	7,005	2,144	119.00	146.00	5.30	5.30	508
1953.....	8,864	6,775	2,089	122.00	151.00	5.40	5.30	517
1954.....	8,639	6,579	2,060	120.00	151.00	5.30	5.30	508
1955.....	8,364	6,347	2,017	123.00	154.00	5.40	5.30	519
1956.....	7,820	5,899	1,921	128.00	161.00	5.60	5.60	542
1957.....	7,577	5,682	1,895	133.00	168.00	5.80	5.80	560
1958.....	7,525	5,570	1,955	137.00	176.00	6.10	6.00	582
1959.....	7,384	5,450	1,925	144.00	186.00	6.30	6.40	614
1960.....	7,118	5,249	1,869	149.00	192.00	6.50	6.60	629
1961.....	6,990	5,104	1,886	151.00	195.00	6.50	6.60	629
March.....	5,979	4,695	1,275	148.00	188.00	6.00	6.50	647
1962, March.....	5,800	4,567	1,233	150.00	192.00	6.20	6.70	666

<sup>1</sup> Data are arithmetic means of monthly estimates of persons employed during last full calendar week in each month.<sup>2</sup> Includes farm operators doing 1 or more hours of farm work and members of their families doing 15 hours or more of unpaid farm work during survey week.<sup>3</sup> 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.<sup>4</sup> Weighted averages of wage rates as reported quarterly by crop reporters.Source: Department of Agriculture, Statistical Reporting Service; monthly report, *Farm Labor*.

## No. 311. FARM EMPLOYMENT, BY GEOGRAPHIC DIVISIONS: 1940 TO 1961

[In thousands. Excludes Alaska and Hawaii. Annual average number of persons employed during last full calendar week of each month]

GEOGRAPHIC DIVISION <sup>1</sup>	1940	1945	1950	1955	1957	1958	1959	1960	1961
<b>Total workers.....</b>	<b>10,979</b>	<b>10,060</b>	<b>9,926</b>	<b>8,364</b>	<b>7,577</b>	<b>7,525</b>	<b>7,384</b>	<b>7,118</b>	<b>6,990</b>
New England.....	235	225	219	187	172	171	162	150	143
Middle Atlantic.....	679	626	616	502	444	445	422	404	389
East North Central.....	1,604	1,471	1,568	1,424	1,307	1,305	1,272	1,220	1,191
West North Central.....	1,804	1,744	1,779	1,530	1,398	1,399	1,360	1,334	1,307
South Atlantic.....	2,110	1,880	1,812	1,496	1,345	1,304	1,204	1,240	1,222
East South Central.....	1,780	1,545	1,432	1,001	909	930	928	882	860
West South Central.....	1,662	1,397	1,407	1,156	1,000	1,023	1,010	972	968
Mountain.....	474	446	418	368	354	358	341	334	326
Pacific.....	631	666	675	610	588	590	595	582	584
<b>Hired workers<sup>2</sup>.....</b>	<b>2,679</b>	<b>2,119</b>	<b>2,329</b>	<b>2,017</b>	<b>1,895</b>	<b>1,955</b>	<b>1,925</b>	<b>1,869</b>	<b>1,886</b>
New England.....	75	65	71	69	66	66	63	50	55
Middle Atlantic.....	207	174	185	137	123	127	121	110	105
East North Central.....	319	214	237	206	192	195	188	182	182
West North Central.....	315	241	275	216	204	212	202	196	188
South Atlantic.....	488	358	417	382	365	369	367	355	366
East South Central.....	207	216	240	209	183	187	180	188	191
West South Central.....	504	375	423	364	332	365	365	369	379
Mountain.....	183	164	151	135	136	139	129	126	121
Pacific.....	291	312	330	299	294	295	301	294	299

<sup>1</sup> See table 307 for States comprising each division.<sup>2</sup> Includes all persons doing one 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: Department of Agriculture, Statistical Reporting Service; annual report, *Agricultural Statistics*.

**No. 312. FARM WAGE WORKERS—AVERAGE NUMBER OF DAYS WORKED AND AVERAGE WAGES EARNED AT FARM AND NONFARM WAGE WORK, BY SELECTED CHARACTERISTICS: 1960**

[Includes Alaska and Hawaii]

ITEM	TOTAL				FARM			NONFARM		
	Number of workers (1,000)	Days worked	Wages earned		Days worked	Wages earned		Days worked	Wages earned	
			Per year	Per day worked <sup>1</sup>		Per year	Per day worked <sup>1</sup>		Per year	Per day worked <sup>1</sup>
Total.....	3,693	122	\$845	\$6.90	86	\$537	\$6.25	36	\$308	\$8.50
25 days or more.....	2,162	167	1,125	6.70	139	879	6.30	28	246	8.65
Migratory <sup>2</sup> .....	317	157	1,016	6.50	123	819	6.65	34	197	5.90
Nonmigratory.....	1,845	170	1,143	6.75	142	889	6.25	28	254	9.20
Male.....	1,698	188	1,314	7.00	157	1,027	6.55	31	287	9.40
Female.....	463	95	430	4.55	74	335	4.50	21	95	4.60
White.....	1,327	178	1,331	7.45	146	1,012	6.95	32	319	9.90
Nonwhite.....	835	151	796	5.30	128	607	5.20	23	129	5.75
Household status:										
Household heads.....	976	217	1,696	7.85	182	1,347	7.40	35	349	10.05
Other members.....	1,186	127	654	5.15	104	493	4.75	23	161	6.90
Less than 25 days.....	1,531	58	450	7.75	11	55	5.10	47	395	8.40
Migratory <sup>2</sup> .....	92	58	388	6.75	13	66	5.25	45	322	7.15
Nonmigratory.....	1,439	58	454	7.85	11	54	5.10	47	400	8.45
Male.....	986	71	630	9.00	11	60	5.75	60	570	9.60
Female.....	566	37	143	3.80	11	46	4.05	26	97	3.70
Household heads.....	450	98	984	10.05	10	68	6.75	88	916	10.45
Other members.....	1,082	41	229	5.50	11	50	4.50	30	179	5.90

<sup>1</sup> Rounded to the nearest 5 cents.

<sup>2</sup> Represents farm workers who left their homes temporarily to work in another county or counties.

Source: Department of Agriculture, Economic Research Service; *The Hired Farm Working Force of 1960*.

**No. 313. FARM WORKERS COVERED BY OLD-AGE, SURVIVORS, AND DISABILITY INSURANCE—TAXABLE WAGES AND AVERAGE TAXABLE EARNINGS: 1955 to 1960**

[Includes Alaska, Hawaii, Puerto Rico, and Virgin Islands. Based on earnings reports filed under the farm coverage provisions of the Social Security Act]

ITEM	1955	1956	1957	1958	1959	1960
<b>HIRED FARM WORKERS<sup>1</sup></b>						
Number.....1,000.....	1,920	1,920	1,880	1,870	1,890	1,910
Taxable wages.....mil. dol.....	1,530	1,550	1,680	1,750	1,880	1,970
Average per worker.....	\$795	\$800	\$895	\$940	\$995	\$1,030
<b>SELF-EMPLOYED FARMERS<sup>2</sup></b>						
Number.....1,000.....	2,350	2,570	2,430	2,410	2,230	2,180
Taxable self-employment income.....mil. dol.....	3,890	4,680	4,480	4,740	4,380	4,320
Average per farmer.....	\$1,655	\$1,820	\$1,845	\$1,965	\$1,970	\$1,980

<sup>1</sup> For 1955 and 1956, represents workers receiving at least \$100 cash farm wages; beginning 1957, at least \$150 wages, or employed 20 days or more on a time-paid basis. Maximum taxable wages: \$4,200 for 1955-1958, \$4,800 beginning 1959. Adjusted to eliminate duplication of workers reported by two or more employers.

<sup>2</sup> Represents farmers with net self-employment earnings of at least \$400.

Source: Department of Health, Education, and Welfare, Social Security Administration, Bureau of Old-Age and Survivors Insurance; *Social Security Farm Statistics, 1955-1959*, and records.

## No. 314. FARM WAGE RATES, BY GEOGRAPHIC DIVISIONS: 1950 TO 1962

[Excludes Alaska and Hawaii. Some wage rates in certain geographic divisions not obtained because seldom used; U.S. rates include estimates for these divisions]

GEOGRAPHIC DIVISION <sup>1</sup>	ANNUAL AVERAGE					1961				1962
	1950	1955	1959	1960	1961	Jan. 1	Apr. 1	July 1	Oct. 1	Jan. 1
<b>Per month with board and room:</b>										
United States.....	\$99.00	\$123.00	\$144.00	\$149.00	\$151.00	\$155.00	\$148.00	\$151.00	\$148.00	\$158.00
New England.....	95.00	127.00	150.00	154.00	155.00	153.00	156.00	156.00	152.00	159.00
Middle Atlantic.....	93.00	120.00	139.00	144.00	145.00	142.00	144.00	147.00	145.00	144.00
East North Central.....	94.00	121.00	137.00	142.00	143.00	143.00	143.00	143.00	143.00	145.00
West North Central.....	101.00	124.00	142.00	145.00	148.00	140.00	150.00	152.00	146.00	146.00
Mountain.....	124.00	151.00	160.00	173.00	176.00	177.00	182.00	182.00	175.00	169.00
Pacific.....	149.00	185.00	208.00	213.00	226.00	223.00	229.00	224.00	226.00	227.00
<b>Per month with house:</b>										
United States.....	121.00	154.00	186.00	192.00	195.00	197.00	188.00	203.00	189.00	200.00
New England.....	128.00	170.00	203.00	209.00	214.00	211.00	215.00	218.00	211.00	216.00
Middle Atlantic.....	128.00	168.00	197.00	204.00	206.00	204.00	203.00	208.00	208.00	208.00
East North Central.....	120.00	160.00	187.00	193.00	196.00	196.00	195.00	196.00	195.00	199.00
West North Central.....	124.00	155.00	182.00	190.00	190.00	185.00	193.00	194.00	188.00	190.00
Mountain.....	156.00	200.00	227.00	233.00	236.00	233.00	234.00	239.00	235.00	238.00
Pacific.....	190.00	239.00	276.00	284.00	294.00	292.00	289.00	292.00	297.00	299.00
<b>Per week with board and room:</b>										
United States.....	23.50	29.75	34.75	35.50	35.75	34.75	35.00	36.75	35.75	35.75
New England.....	25.00	34.00	40.75	41.00	41.50	40.75	41.25	41.00	41.50	43.00
Middle Atlantic.....	25.25	32.00	36.50	37.25	37.75	37.00	37.50	38.25	38.00	38.00
<b>Per week without board or room:</b>										
United States.....	31.00	38.00	44.50	45.75	46.50	46.75	46.25	48.25	44.00	47.75
New England.....	36.25	48.25	55.50	57.00	58.50	58.00	58.00	58.50	58.25	59.50
Middle Atlantic.....	34.75	44.25	50.25	51.75	52.25	51.00	51.75	52.50	52.50	53.25
<b>Per day with board and room:</b>										
United States.....	4.45	5.40	6.30	6.50	6.50	6.40	6.09	7.00	6.30	6.40
East North Central.....	4.80	6.10	6.90	7.00	7.00	6.90	6.90	7.10	7.00	7.10
West North Central.....	5.30	6.60	7.30	7.50	7.70	7.00	7.40	7.90	7.50	7.20
<b>Per day without board or room:</b>										
United States.....	3.50	4.20	5.10	5.30	5.30	5.40	5.20	5.30	5.50	5.60
South Atlantic.....	3.35	4.10	4.75	4.85	5.00	5.10	5.00	4.80	5.00	5.20
East South Central.....	2.85	3.40	3.85	4.00	4.10	4.00	4.00	4.10	4.20	4.10
West South Central.....	3.95	4.80	5.50	5.70	5.80	5.70	5.60	5.90	5.90	5.80
<b>Per day without board or room:</b>										
United States.....	4.50	5.30	6.40	6.60	6.60	6.60	6.50	6.50	7.00	6.70
New England.....	6.40	8.30	9.50	9.70	9.90	9.80	9.70	9.80	10.30	9.90
Middle Atlantic.....	6.20	7.70	8.70	8.90	9.00	8.80	8.80	8.80	9.10	9.00
East North Central.....	6.00	7.60	8.70	8.80	8.90	8.70	8.80	9.00	8.80	8.90
West North Central.....	6.70	8.00	9.10	9.30	9.40	8.80	9.20	9.60	9.30	9.00
South Atlantic.....	3.95	4.80	5.50	5.60	5.70	5.90	5.80	5.60	5.80	6.10
East South Central.....	3.40	4.00	4.55	4.75	4.85	4.70	4.70	4.90	4.90	4.80
West South Central.....	4.55	5.40	6.20	6.30	6.40	6.30	6.30	6.40	6.60	6.40
Mountain.....	6.60	7.80	8.70	9.10	9.40	8.40	9.00	9.50	9.40	8.70
<b>Per hour with house:</b>										
United States.....	.62	.74	.85	.88	.90	.83	.80	.94	1.03	.85
South Atlantic.....	.45	.56	.61	.63	.66	.64	.67	(2)	(3)	.66
East South Central.....	.40	.47	.51	.52	.53	.52	.53	(2)	(2)	.54
West South Central.....	.48	.58	.65	.67	.68	.67	.66	(2)	(2)	.70
Pacific.....	.86	1.01	1.13	1.16	1.20	1.19	1.18	1.20	1.21	1.20
<b>Per hour without board or room:</b>										
United States.....	.69	.82	.95	.97	.99	1.08	1.04	1.04	.93	1.11
New England.....	.85	1.03	1.14	1.16	1.19	1.18	1.16	1.16	1.22	1.22
Middle Atlantic.....	.81	.98	1.09	1.11	1.13	1.11	1.10	1.13	1.14	1.12
East North Central.....	.83	1.01	1.08	1.08	1.10	1.08	1.08	1.10	1.10	1.10
West North Central.....	.86	.90	1.08	1.08	1.10	1.06	1.08	1.11	1.10	1.09
South Atlantic.....	.50	.62	.70	.72	.74	.76	.77	.70	.75	.80
East South Central.....	.46	.54	.63	.62	.65	.64	.64	.65	.65	.65
West South Central.....	.57	.68	.76	.76	.78	.78	.76	.76	.78	.83
Mountain.....	.82	.95	1.01	1.06	1.09	.98	1.04	1.10	1.11	1.04
Pacific.....	.92	1.09	1.19	1.23	1.27	1.26	1.25	1.26	1.29	1.28

<sup>1</sup> See table 307 for States comprising each division. <sup>2</sup> Not available.Source: Department of Agriculture, Statistical Reporting Service; monthly report, *Farm Labor*.



### No. 315. INDEXES OF UNION WAGE RATES AND WEEKLY HOURS IN SELECTED TRADES: 1945 TO 1961

[1947-49 average=100, except for printing where 1948-49 average=100. Excludes Alaska and Hawaii. Data for 1945 and 1954 to 1961 were collected as of July 1 and cover 53 cities in printing and 52 in the other trades. For 1950, however, data were collected as of October 1 for streetcar and bus operators. Indexes of rates reflect changes in minimum hourly wage scales; indexes of hours reflect changes in the negotiated straight-time weekly hours. Year-to-year changes in union scales are based on comparable quotations for each individual trade weighted by membership for current year. See also *Historical Statistics, Colonial Times to 1967*, series D 642-653]

TRADE	1945	1950	1954	1955	1956	1957	1958	1959	1960	1961
Building trades, total:										
Rate.....	72.2	110.7	136.4	141.2	147.7	155.3	162.4	170.3	177.3	184.3
Hours.....	101.1	100.2	100.1	100.1	100.1	100.1	100.0	100.0	99.9	99.8
Journeyman:										
Rate.....	73.0	110.5	135.4	140.0	146.2	153.6	160.5	167.9	174.6	181.2
Hours.....	101.2	100.2	100.1	100.1	100.1	100.1	100.0	100.0	99.9	99.8
Helpers and laborers:										
Rate.....	67.0	112.2	142.4	148.5	157.4	166.6	174.7	185.8	194.3	203.6
Hours.....	100.8	100.0	100.1	100.1	100.1	100.1	100.1	100.1	100.1	100.1
Printing trades, total:										
Rate.....	63.5	107.9	127.1	130.7	134.1	138.9	143.6	148.3	152.6	157.5
Hours.....	104.6	99.8	99.4	99.2	99.1	98.8	98.5	98.2	98.1	97.9
Book and job:										
Rate.....	63.1	108.2	127.6	131.4	134.9	139.9	144.7	149.8	154.8	160.1
Hours.....	106.1	99.8	99.1	98.9	98.7	98.3	98.0		97.4	97.2
Newspaper:										
Rate.....	64.1	107.4	125.0	128.9	132.1	136.4	140.8	145.0	148.3	152.5
Hours.....	101.7	99.5	99.2	99.1	99.0	98.8	98.6	98.5	98.5	98.4
Motortruck drivers and helpers:										
Rate.....	71.5	111.0	140.2	148.2	155.5	163.9	172.4	180.6	188.3	195.4
Hours.....	105.3	98.8	95.0	95.1	94.3	93.9	93.5	92.5	92.8	92.2
Streetcar and bus operators, rate.....	99.9	110.9	136.4	140.4	145.9	152.1	161.2	167.3	173.7	180.2

Source: Department of Labor, Bureau of Labor Statistics. Published annually in *Monthly Labor Review* and special pamphlets.

### No. 316. MONTHLY LABOR TURNOVER RATES PER 100 EMPLOYEES IN MANUFACTURING INDUSTRIES: 1957 TO 1961

Beginning 1950, includes Alaska and Hawaii. Data refer to wage and salary workers. For annual rates, see also *Historical Statistics, Colonial Times to 1967*, series D 770-784]

TYPE AND YEAR	Annual average	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total accessions: <sup>1</sup>													
1957.....	3.6	3.7	3.3	3.3	3.4	3.6	4.8	4.2	4.1	4.1	3.5	2.6	2.0
1958.....	3.6	2.9	2.6	2.8	3.1	3.6	4.7	4.2	4.9	5.0	4.0	3.2	2.7
1959 <sup>2</sup> .....	4.2	3.8	3.7	4.1	4.1	4.2	5.4	4.4	5.2	5.1	3.8	3.4	3.6
1960.....	3.8	4.0	3.5	3.3	3.4	3.9	4.7	3.9	4.9	4.8	3.5	2.9	2.3
1961.....	4.1	3.7	3.2	4.0	4.0	4.2	5.0	4.4	5.3	4.7	4.3	3.3	2.6
New hires:													
1957.....	2.2	2.3	2.0	2.0	2.1	2.3	3.2	2.8	2.7	2.5	2.1	1.3	0.8
1958.....	1.7	1.2	1.1	1.1	1.3	1.5	2.2	2.1	2.4	2.6	2.2	1.7	1.3
1959.....	2.6	2.0	2.1	2.4	2.5	2.7	3.8	3.0	3.5	3.5	2.6	1.9	1.5
1960.....	2.2	2.2	2.2	2.0	2.0	2.3	3.0	2.4	2.9	2.8	2.1	1.5	1.0
1961.....	2.2	1.5	1.4	1.6	1.8	2.1	2.9	2.5	3.1	3.0	2.7	1.9	1.4
Total separations: <sup>3</sup>													
1957.....	4.2	3.8	3.4	3.7	3.8	3.9	3.7	3.7	4.7	5.5	5.0	4.9	4.6
1958.....	4.1	5.4	4.1	4.5	4.4	3.9	3.5	3.7	4.1	4.5	4.1	3.6	3.5
1959 <sup>2</sup> .....	4.1	3.7	3.1	3.3	3.6	3.5	3.6	4.0	4.6	5.3	5.5	4.7	3.9
1960.....	4.3	3.6	3.5	4.0	4.2	3.9	4.0	4.4	4.8	5.3	4.7	4.5	4.8
1961.....	4.0	4.7	3.9	3.9	3.4	3.5	3.6	4.1	4.1	5.1	4.1	4.0	4.0
Quits:													
1957.....	1.6	1.5	1.4	1.5	1.6	1.6	1.6	1.7	2.3	2.7	1.6	1.1	0.8
1958.....	1.1	0.9	0.8	0.8	0.8	0.9	1.0	1.1	1.5	1.9	1.3	1.0	0.8
1959.....	1.5	1.1	1.0	1.2	1.4	1.5	1.5	1.6	2.1	2.6	1.7	1.2	1.0
1960.....	1.3	1.2	1.2	1.2	1.4	1.3	1.4	1.4	1.8	2.3	1.3	0.9	0.7
1961.....	1.2	0.9	0.8	0.9	1.0	1.1	1.2	1.2	1.7	2.3	1.4	1.1	0.9
Layoffs:													
1957.....	2.1	1.7	1.5	1.5	1.7	1.8	1.4	1.6	1.9	2.3	3.0	3.4	3.3
1958.....	2.6	4.0	2.9	3.3	3.2	2.6	2.0	2.3	2.1	2.1	2.3	2.2	2.4
1959.....	2.0	2.1	1.5	1.6	1.6	1.4	1.4	1.8	1.8	2.0	3.2	2.9	2.4
1960.....	2.4	1.8	1.7	2.2	2.2	1.9	2.0	2.4	2.4	2.4	2.8	3.1	3.6
1961.....	2.2	3.2	2.6	2.3	1.9	1.8	1.7	2.3	1.7	2.0	2.0	2.2	2.6

<sup>1</sup> Includes rehires.

<sup>2</sup> Beginning January 1959, transfers between establishments of the same firm are included in total accessions and total separations, therefore rates for these items are not strictly comparable with prior data.

<sup>3</sup> Includes discharges and military and miscellaneous separations.

Source: Department of Labor, Bureau of Labor Statistics; *Monthly Labor Review* and *Employment and Earnings*.

# No. 317. INJURY-FREQUENCY RATES, 1950, 1955, AND 1958, AND SEVERITY MEASURES, 1958, FOR SELECTED INDUSTRIES

[Excludes Alaska and Hawaii. Frequency rate is average number of disabling work injuries, and severity rate is average number of days disability, per one million employee-hours worked. See also *Historical Statistics, Colonial Times to 1957*, series D 785, for injury-frequency rates for manufacturing]

INDUSTRY GROUP AND INDUSTRY	INJURY-FREQUENCY RATES			SEVERITY MEASURES, 1958				
				Percent of injuries resulting in—			Average days of disability per case	Severity rate
	1950	1955	1958	Death	Permanent impairment	Temporary total disability		
<b>Manufacturing</b> .....	14.7	12.1	10.9	0.4	6.8	92.8	66	763
Ordnance and accessories.....	6.2	6.1	3.6	-----	7.1	92.0	41	179
Food and kindred products.....	18.9	18.6	18.5	0.2	4.5	95.3	53	1,070
Tobacco manufactures.....	6.8	6.6	6.8	-----	6.6	93.4	34	231
Textile-mill products.....	11.0	9.7	9.0	0.2	6.1	93.7	54	536
Apparel and other finished textile prod.....	6.6	6.9	5.9	0.3	1.9	97.8	43	248
Lumber and wood prod. (exc. furniture) ..	50.2	40.5	37.3	0.5	6.3	93.2	78	3,338
Furniture and fixtures.....	21.0	18.1	16.0	0.3	9.6	90.1	65	1,055
Paper and allied products.....	16.1	12.9	11.4	0.3	6.9	92.8	62	901
Printing, publishing, and allied indus.....	8.2	9.1	8.7	0.2	4.2	95.6	41	371
Chemicals and allied products.....	11.1	8.0	7.9	0.6	4.7	94.7	86	833
Products of petroleum and coal.....	9.3	6.5	6.0	1.5	6.7	91.8	135	807
Rubber products.....	10.0	6.9	6.7	0.1	9.5	90.4	61	500
Leather and leather products.....	10.8	11.8	10.9	0.1	5.7	94.2	42	437
Stone, clay, and glass products.....	20.5	18.9	16.8	0.5	5.3	94.2	72	1,457
Primary metal industries.....	14.8	12.2	9.9	0.8	8.8	90.4	109	1,040
Fabricated metal products.....	19.0	15.4	14.3	0.3	8.4	91.3	67	980
Machinery (exc. electrical).....	13.8	11.1	9.4	0.2	8.3	91.5	54	548
Electrical machinery.....	7.4	5.6	4.4	0.3	9.8	89.9	67	310
Transportation equipment.....	8.3	5.7	5.5	0.5	9.1	90.4	78	441
Instruments and related products.....	7.7	5.8	5.4	0.1	12.0	87.9	45	245
<b>Contract construction</b> .....	41.0	34.5	30.9	0.9	2.9	96.2	90	2,553
<b>Transportation and public utilities:</b>								
Local and interurban rail and bus.....	(1)	11.8	13.2	0.4	1.8	97.8	60	780
Trucking and warehousing.....	34.5	28.7	28.9	0.5	1.8	97.7	58	1,650
Telephone communication.....	2.1	0.9	0.7	1.0	4.1	94.9	115	83
Electric and gas utilities <sup>1</sup> .....	13.8	8.2	6.5	1.7	4.9	93.4	161	958
Water-supply systems <sup>2</sup> .....	21.9	25.8	23.6	(1)	(1)	(1)	(1)	(1)
<b>Wholesale and retail trade</b> .....	12.3	12.6	12.0	0.2	2.7	97.1	44	483
<b>Services:</b>								
Hotels.....	16.0	12.0	11.4	0.3	2.5	97.2	40	457
Laundries and dry cleaning.....	7.2	8.1	7.9	0.3	3.8	95.9	58	407
Automobile repair shops and garages.....	13.0	13.8	17.0	(1)	(1)	(1)	(1)	(1)
Radio broadcasting and television.....	2.5	5.6	4.4	(1)	(1)	(1)	(1)	(1)
Motion pictures and other amusements.....	8.8	9.5	9.2	(1)	(1)	(1)	(1)	(1)
<b>Government, State and local:</b>								
Local transit systems.....	(1)	14.2	15.0	0.5	1.7	97.8	60	908
Electric and gas utilities.....	(1)	16.4	16.7	0.9	1.7	97.4	91	1,518
Local fire protection.....	35.5	28.3	31.8	0.2	2.0	97.8	63	2,003
Police.....	32.4	27.8	33.1	0.6	0.8	98.6	71	2,116

<sup>1</sup> Not available.

<sup>2</sup> For 1950, comprises both publicly and privately operated utilities; beginning 1955, private only.

Source: Department of Labor, Bureau of Labor Statistics. Published periodically in *Monthly Labor Review*, and annual bulletin, *Work Injuries in the United States*.

# NO. 318. DISABLING WORK INJURIES, BY MAJOR INDUSTRY GROUP: 1950, 1960, AND 1961

[In thousands. Beginning 1960, includes Alaska and Hawaii. Includes employees and self-employed. Beginning 1960, data not strictly comparable with earlier years due to minor revisions in definitions]

INDUSTRY GROUP	TOTAL			FATALITIES			PERMANENT IMPAIRMENTS			TEMPORARY-TOTAL DISABILITIES		
	1950	1960	1961 (prel.)	1950	1960	1961 (prel.)	1950	1960	1961 (prel.)	1950	1960	1961 (prel.)
All industries <sup>1</sup> .....	1,952.0	1,950.0	1,930.0	15.5	13.8	13.5	84.9	82.2	80.5	1,851.6	1,854.0	1,836.0
Agriculture <sup>2</sup> .....	340.0	287.0	284.0	4.3	3.3	3.3	(3)	(3)	(3)	(3)	(3)	(3)
Mining and quarrying <sup>3</sup> .....	72.0	45.0	43.0	1.0	0.8	0.7	(3)	(3)	(3)	(3)	(2)	(2)
Construction <sup>4</sup> .....	205.0	210.0	209.0	2.3	2.4	2.3	8.5	5.8	5.8	194.2	201.8	200.0
Manufacturing <sup>5</sup> .....	426.0	398.0	375.0	2.6	1.7	1.7	21.7	25.5	24.0	401.7	370.8	349.3
Transportation <sup>2</sup> .....	177.0	183.0	179.0	1.3	1.6	1.5	(3)	(3)	(3)	(3)	(3)	(3)
Public utilities <sup>2</sup> .....	24.0			0.3			0.6			23.1		
Trade, wholesale and retail <sup>2</sup> .....	335.0	360.0	360.0	1.5	1.2	1.2	8.1	8.4	8.4	325.4	350.4	350.4
Finance, service, government, and misc. industries <sup>1</sup> .....	373.0	467.0	480.0	2.2	2.8	2.8	(2)	(2)	(2)	(2)	(2)	(2)

<sup>1</sup> Excludes domestic service. <sup>2</sup> Based on fragmentary data. <sup>3</sup> Included in totals for all industries.

<sup>4</sup> Based largely on Bureau of Mines data. <sup>5</sup> Based on small sample surveys.

<sup>6</sup> Based on comprehensive survey.

Source: Department of Labor, Bureau of Labor Statistics; published periodically in *Monthly Labor Review* and annual bulletin, *Work Injuries in the United States*.

## NO. 319. NATIONAL AND INTERNATIONAL UNIONS—MEMBERSHIP: 1940 TO 1960

[Includes Alaska and Hawaii. 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 who were retired, unemployed, in the Armed Forces, or involved in work stoppages. Excludes membership in nonhatterstate independent or unaffiliated unions. See also *Historical Statistics, Colonial Times to 1967*, series D 735-745]

ITEM	1940	1950	1955	1956	1957	1958	1959	1960
Unions affiliated with AFL-CIO.....	147	137	130	137	139	137	135	134
Membership, total <sup>1</sup> .....	8,944	15,000	17,749	18,477	18,431	18,081	18,169	18,117
Percent of total labor force <sup>2</sup> .....	15.5	22.0	24.4	24.8	24.6	23.9	23.8	23.3
Percent of employment in nonagricultural establishments.....	27.2	31.9	33.6	33.8	33.3	33.7	32.8	32.1
AFL-CIO.....	7,872	12,143	16,062	16,904	16,954	14,993	15,124	15,072
Independent or unaffiliated unions, do.....	1,072	2,800	1,688	1,573	1,476	3,088	3,044	3,045

<sup>1</sup> Includes Canadian members of labor unions with headquarters in U.S. (1,638,000 in 1960).

<sup>2</sup> Percentages calculated on union membership excluding Canadian membership.

Source: Department of Labor, Bureau of Labor Statistics; *Handbook of Labor Statistics, Directory of National and International Labor Unions in the United States*, and records.

## NO. 320. NATIONAL AND INTERNATIONAL UNIONS—NUMBER AND MEMBERSHIP, BY SIZE-CLASS: 1960

[Includes Alaska and Hawaii. Data are for unions with headquarters in the U.S. See headnote, table 319]

MEMBERSHIP SIZE-CLASS	NUMBER OF UNIONS			Total membership <sup>1</sup> (1,000)	MEMBERSHIP SIZE-CLASS	NUMBER OF UNIONS			Total membership <sup>1</sup> (1,000)
	Total	AFL-CIO	Unaffiliated			Total	AFL-CIO	Unaffiliated	
Total.....	184	134	50	18,037	50,000 to 99,999.....	31	26	5	2,080
Under 1,000.....	13	6	7	6	100,000 to 199,999.....	22	20	2	3,161
1,000 to 4,999.....	34	15	19	90	200,000 to 299,999.....	7	7	—	1,839
5,000 to 9,999.....	16	10	6	122	300,000 to 399,999.....	4	4	—	1,352
10,000 to 24,999.....	24	21	3	306	400,000 to 499,999.....	3	3	—	1,332
25,000 to 49,999.....	23	17	6	817	500,000 to 999,999.....	4	3	1	3,069
					1,000,000 and over.....	3	2	1	3,773

<sup>1</sup> Excludes membership of federal labor unions and local industrial unions.

Source: Department of Labor, Bureau of Labor Statistics; *Directory of National and International Labor Unions in the United States, 1961*. (Bulletin No. 1320.)

### NO. 321. NATIONAL AND INTERNATIONAL UNIONS REPORTING 100,000 MEMBERS OR MORE: 1960

[Data are for unions with headquarters in the U.S. All unions not identified as independent (Ind.) are affiliated with the AFL-CIO]

UNION	Members	UNION	Members
Teamsters (Ind.).....	1,484,433	Textile workers (TWUA).....	102,000
Steel.....	1,152,000	Oil.....	174,000
Automobile.....	1,136,140	Pulp.....	170,544
Machinists.....	898,139	Rubber.....	170,000
Carpenters.....	800,000	Maintenance of way.....	164,447
Electrical (IBEW).....	771,000	Electrical (UE) (Ind.).....	160,000
Mine (Ind.).....	600,000	Railroad trainmen.....	159,384
Garment, ladies'.....	446,554	Bricklayers.....	155,000
Hotel.....	443,000	Iron workers.....	147,982
Hod carriers.....	442,473	Retail, wholesale.....	143,800
Clothing.....	377,000	Boilermakers.....	140,000
Retail clerks.....	342,000	Papermakers.....	140,000
Meat cutters.....	333,482	Letter carriers.....	138,000
Railway and steamship clerks.....	300,000	Transport workers.....	135,000
Engineers, operating.....	291,000	Street, electric railway.....	132,100
Electrical (IUE).....	287,937	Railway carmen.....	125,000
Building service.....	272,000	Printing pressmen.....	113,933
Musicians.....	266,618	Typographical.....	105,033
Communications.....	259,017	Packaginghouse.....	102,598
Plumbing.....	251,273	Sheet metal workers.....	100,000
State and county.....	210,000	Mine, mill (Ind.).....	100,000
Painters.....	192,568		

Source: Department of Labor, Bureau of Labor Statistics; *Monthly Labor Review*, December 1961.

### NO. 322. ESTIMATED MEMBERSHIP OF AFL-CIO UNIONS, BY STATES: 1960

[In thousands. Excludes Hawaii. Data reported by State AFL-CIO organizations]

STATE	Member-ship	STATE	Member-ship
United States.....	13,878	Montana.....	50
Alabama.....	185	Nebraska.....	65
Alaska.....	22	Nevada.....	16
Arizona.....	80	New Hampshire.....	50
Arkansas.....	72	New Jersey.....	1,500
California.....	1,350	New Mexico.....	17
Colorado.....	90	New York.....	2,000
Connecticut.....	200	North Carolina.....	80
Delaware.....	28	North Dakota.....	18
Florida.....	150	Ohio.....	1,000
Georgia.....	115	Oklahoma.....	50
Idaho.....	20	Oregon.....	160
Illinois.....	1,200	Pennsylvania.....	1,500
Indiana.....	350	Rhode Island.....	50
Iowa.....	135	South Carolina.....	35
Kansas.....	100	South Dakota.....	17
Kentucky.....	132	Tennessee.....	140
Louisiana.....	130	Texas.....	375
Maine.....	68	Utah.....	45
Maryland-District of Columbia.....	300	Vermont.....	8
Massachusetts.....	600	Virginia.....	95
Michigan.....	700	Washington.....	350
Minnesota.....	250	West Virginia.....	70
Mississippi.....	45	Wisconsin.....	400
Missouri.....	450	Wyoming.....	15

<sup>1</sup> Includes replies received from New Jersey State Federation of Labor (formerly AFL) and New Jersey State Industrial Union Council (formerly CIO).

Source: Department of Labor, Bureau of Labor Statistics; *Monthly Labor Review*, December 1961.

## No. 323. WORK STOPPAGES: 1940 TO 1961

[Beginning 1950, includes Alaska, and 1960, Hawaii. 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 1967*, series D 764-769 and D 774]

YEAR	WORK STOPPAGES BEGINNING IN YEAR		WORKERS INVOLVED		MAN-DAYS IDLE DURING YEAR		
	Number	Average duration (calendar days)	Number (1,000) <sup>1</sup>	Percent of total employed <sup>2</sup>	Number (1,000)	Percent of estimated working time <sup>3</sup>	Per worker involved
1940.....	2,508	20.9	577	2.3	6,700	0.10	11.6
1945.....	4,760	9.9	3,470	12.2	38,000	0.47	11.0
1946.....	4,985	24.2	4,600	14.5	116,000	1.43	26.2
1947.....	3,693	25.6	2,170	6.5	34,600	0.41	15.9
1948.....	3,419	21.8	1,960	5.5	34,100	0.37	17.4
1949.....	3,606	22.5	3,030	9.0	50,500	0.59	16.7
1950.....	4,843	19.2	2,410	6.9	38,800	0.44	16.1
1951.....	4,737	17.4	2,220	5.5	22,900	0.23	10.3
1952.....	6,117	19.6	3,540	8.8	59,100	0.57	16.7
1953.....	5,091	20.3	2,400	5.6	28,300	0.26	11.8
1954.....	3,468	22.5	1,530	3.7	22,600	0.21	14.7
1955.....	4,320	18.5	2,660	6.2	28,200	0.26	10.7
1956.....	3,825	18.9	1,900	4.3	33,100	0.29	17.4
1957.....	3,673	19.2	1,390	3.1	16,500	0.14	11.4
1958.....	3,694	19.7	2,060	4.8	23,900	0.22	11.6
1959.....	3,708	24.6	1,880	4.3	69,000	0.61	36.7
1960.....	3,333	23.4	1,320	3.0	19,100	0.17	14.5
1961.....	3,367	23.7	1,450	3.2	16,300	0.14	11.2

<sup>1</sup> Workers counted more than once if involved in more than 1 stoppage during year.

<sup>2</sup> Total employed workers for 1940-1950 refers to all workers except those in occupations and professions in which there is little if any union organization or in which stoppages rarely if ever occur. In 1951, concept was changed to coincide with the Bureau of Labor Statistics' figures for nonagricultural employment, excluding Government but including workers in all occupational groups. Tests show that percentage of total idleness computed on basis of these new figures usually differs by less than one-tenth of a point while percentage of workers idle differs by about 0.5 or 0.6 of a point.

<sup>3</sup> Estimated working time computed by multiplying average number of employed workers (see footnote 2) by number of days worked by most employees.

## No. 324. WORK STOPPAGES—MAJOR ISSUES INVOLVED AND DURATION: 1959 TO 1961

[Beginning 1959, includes Alaska, and 1960, Hawaii. See headnote, table 323. Data by issues based on stoppages beginning in year; duration data based on stoppages ending in year. See also *Historical Statistics, Colonial Times to 1967*, series D 770-778, for related but not comparable data]

MAJOR ISSUES AND DURATION	WORK STOPPAGES			WORKERS INVOLVED <sup>2</sup> (1,000)			MAN-DAYS IDLE DURING YEAR (1,000)		
	1959	1960	1961 <sup>1</sup>	1959	1960	1961 <sup>1</sup>	1959	1960	1961 <sup>1</sup>
<b>MAJOR ISSUES</b>									
All issues.....	3,708	3,333	3,367	1,880	1,320	1,450	69,000	19,100	16,300
Wages and hours <sup>3</sup> .....	1,872	1,592	1,690	1,320	568	568	61,200	10,500	7,539
Union organization, wages and hours <sup>3</sup> .....	301	299	518	96	199	92	2,470	4,150	2,390
Union organization.....	303	239	58	58	47	701	1,700	733	5,763
Other working conditions.....	761	800	753	362	463	31	3,400	3,460	273
Interunion or intraunion matters.....	350	310	364	32	31	88	222	140	14
Not reported.....	61	93	42	6	9	4	31	77	
<b>DURATION</b>									
All stoppages.....	3,747	3,342	3,324	1,911	1,370	1,440	67,400	23,200	15,700
1 day.....	369	410	388	109	123	162	109	123	152
2 and 3 days.....	537	515	558	135	200	136	274	452	283
4 days to less than 1 week.....	514	468	454	167	191	106	565	592	355
1 week to less than 1 month.....	806	711	642	262	325	289	1,620	2,110	1,820
1 month to less than 2 months.....	623	513	526	250	211	525	3,490	2,700	5,060
2 to less than 3 months.....	466	395	416	255	125	165	7,230	3,070	4,000
3 months or more.....	211	129	149	124	43	44	5,850	1,930	1,950
	221	201	191	609	146	25	48,200	12,200	2,040

<sup>1</sup> 1961 data not strictly comparable with prior years.

<sup>2</sup> See footnote 1, table 323.

<sup>3</sup> Includes supplementary benefits in 1959 and 1960.

Source of tables 323 and 324: Department of Labor, Bureau of Labor Statistics; June (1960, 1961, and 1962) issues of *Monthly Labor Review* and annual bulletin, *Analysis of Work Stoppages*.

## No. 325. WORK STOPPAGES, BY INDUSTRY GROUPS: 1950 TO 1961

(Beginning 1959, includes Alaska, and 1960 Hawaii. See headnote, table 323. Work stoppages affecting more than 1 industry are counted as separate stoppages in each industry affected, and workers involved and man-days idle are allocated among the appropriate industries)

INDUSTRY GROUP	WORK STOPPAGES BEGINNING IN—						WORKERS INVOLVED <sup>1</sup> (1,000)						MAN-DAYS IDLE DURING YEAR (1,000)					
	1950	1955	1958	1959	1960	1961	1950	1955	1958	1959	1960	1961	1950	1955	1958	1959	1960	1961
	4,843	4,320	3,694	3,708	3,333	3,367	2,410	2,650	2,060	1,880	1,320	1,450	38,800	28,200	23,900	69,000	19,100	16,300
<b>MANUFACTURING</b>																		
All Industries.....	2	13	12	13	3	6	1	11	13	8	10	6	6	140	95	125	136	51
Ordnance and accessories.....	185	169	176	169	184	177	57	40	61	80	66	80	691	974	661	1,720	651	589
Food and kindred products.....	5	3	4	4	2	3	3	48	6	24	2	5	33	1	111	6	11	39
Tobacco manufactures.....	147	139	126	122	87	112	18	15	152	19	12	16	228	136	1,100	238	134	146
Textile-mill products.....	119	81	69	53	39	75	24	12	18	14	5	13	700	227	1,300	420	183	234
Lumber and wood products (exc. furniture).....	106	121	74	401	81	70	16	26	14	13	13	13	315	282	420	1,030	183	256
Furniture and fixtures.....	76	67	60	59	52	62	19	14	18	13	9	9	340	197	252	442	135	324
Paper and allied products.....	54	29	46	38	38	30	8	8	22	24	5	5	240	176	324	352	186	94
Printing, publishing, and allied industries.....	96	100	97	91	94	94	39	40	28	13	22	15	705	634	318	422	314	441
Chemicals and allied products.....	120	148	161	162	122	117	67	124	8	13	2	14	792	51	141	550	80	316
Products of petroleum and coal.....	136	163	168	163	153	165	139	124	24	77	30	23	385	490	147	1,930	261	215
Rubber and misc. plastic products.....	184	150	141	138	92	95	45	40	8	6	6	18	157	542	79	53	64	70
Leather and allied products.....	132	110	117	165	98	130	45	33	45	51	18	24	652	495	1,200	1,230	228	458
Stone, clay, and glass.....	309	279	167	236	158	126	142	535	102	575	94	74	1,180	1,570	711	39,000	1,880	665
Primary metal industries.....	278	282	256	276	195	191	86	131	147	100	44	97	969	1,590	1,230	3,150	579	1,130
Fabricated metal products (exc. ordnance, machinery, and transportation equip.).....	317	306	293	217	144	176	224	230	152	83	69	89	4,410	3,800	2,760	2,820	1,240	1,240
Machinery (except electrical).....	168	147	93	96	102	114	132	202	102	48	97	67	1,420	3,300	1,030	820	1,200	716
Electrical machinery.....	171	200	210	108	122	98	368	440	551	77	189	297	8,540	1,910	4,310	1,390	3,550	2,500
Transportation equipment.....	26	30	27	26	29	19	23	34	14	9	6	13	158	694	233	158	95	170
Professional, scientific, and controlling instruments; photographic and optical goods; watches and clocks.....	96	99	58	68	54	56	19	14	8	11	5	10	237	191	141	179	74	125
Miscellaneous manufacturing industries.....																		
<b>NONMANUFACTURING</b>																		
Agriculture, forestry, and fishing.....	12	11	6	10	81	31	21	3	4	2	8	11	152	14	14	66	160	81
Mining.....	508	343	168	187	154	154	196	114	39	120	49	38	9,700	1,080	302	3,650	700	310
Construction.....	611	733	844	771	773	804	297	204	326	251	269	217	2,460	1,810	4,790	1,270	4,470	3,490
Wholesale and retail trade.....	381	409	358	311	290	308	70	52	57	72	33	62	927	1,090	942	1,570	451	716
Finance, insurance, and real estate.....	31	8	8	11	6	4	13	1	1	1	0	(2)	53	27	5	4	7	3
Transportation, communication, etc.....	386	275	242	233	266	243	405	253	132	140	200	211	2,380	4,860	2,270	1,910	1,750	1,710
Services—personal, business, and other.....	182	121	102	128	138	103	14	18	14	13	18	9	161	488	196	190	304	173
Government—administration, protection and sanitation.....	28	17	15	25	36	28	4	1	2	2	29	7	33	7	8	11	58	15

<sup>1</sup> Workers counted more than once if involved in more than 1 stoppage during year.

<sup>2</sup> Less than 500.

Source: Department of Labor, Bureau of Labor Statistics; published in May (1951–1959) and June (1959–1962) issues of *Monthly Labor Review* and annual bulletin, *Analysis of Work Stoppages*.

## No. 326. WORK STOPPAGES, BY STATES: 1959 TO 1961

[See headnote, table 323. Work stoppages affecting more than 1 State are counted as separate stoppages in each State affected, and workers involved and man-days idle are allocated among the appropriate States]

STATE	WORK STOPPAGES BEGINNING IN—			WORKERS INVOLVED <sup>1</sup> (1,000)			MAN-DAYS IDLE DURING YEAR					
							Number (1,000)			Percent of estimated work- ing time <sup>2</sup>		
	1959	1960	1961	1959	1960	1961	1959	1960	1961	1959	1960	1961
<b>United States<sup>3</sup></b>	3,708	3,333	3,367	1,880	1,320	1,450	69,000	19,100	16,300	0.61	0.17	0.14
<b>New England:</b>												
Maine	19	11	0	1	1	1	13	20	5	0.02	0.03	0.01
New Hampshire	14	6	3	1	1	(4)	15	4	2	0.03	0.01	(5)
Vermont	0	7	10	2	1	1	25	17	34	0.10	0.07	0.15
Massachusetts	134	120	134	43	49	45	909	1,600	412	0.21	0.40	0.10
Rhode Island	20	18	23	5	3	2	112	36	17	0.18	0.06	0.03
Connecticut	68	53	56	21	43	18	384	1,110	372	0.18	0.53	0.18
<b>Middle Atlantic:</b>												
New York	470	427	421	159	101	180	4,520	2,720	1,860	0.33	0.20	0.14
New Jersey	249	205	234	97	68	82	1,980	765	762	0.44	0.17	0.17
Pennsylvania	454	398	393	332	180	112	14,800	2,040	1,730	1.82	0.25	0.21
<b>East North Central:</b>												
Ohio	301	303	283	238	101	127	9,630	931	1,420	1.40	0.13	0.21
Indiana	153	123	107	117	60	61	5,620	687	510	1.83	0.22	0.17
Illinois	231	197	219	112	63	92	4,390	753	869	0.57	0.10	0.11
Michigan	172	145	180	84	65	239	2,680	722	1,820	0.53	0.14	0.38
Wisconsin	61	63	54	21	19	19	699	382	285	0.27	0.15	0.11
<b>West North Central:</b>												
Minnesota	73	37	46	39	20	21	1,870	347	452	0.04	0.17	0.22
Iowa	63	41	47	25	15	13	541	224	158	0.38	0.16	0.11
Missouri	105	74	88	25	62	35	935	1,220	470	0.32	0.41	0.16
North Dakota	8	3	4	1	1	(4)	9	5	4	0.03	(5)	0.02
South Dakota	3	3	14	(4)	1	3	13	6	7	0.05	0.02	0.03
Nebraska	25	39	26	9	3	6	173	57	70	0.23	0.07	0.09
Kansas	26	25	39	6	3	8	65	439	65	0.05	0.39	0.06
<b>South Atlantic:</b>												
Delaware	7	22	23	3	9	5	154	57	79	0.45	0.16	0.23
Maryland	38	39	46	38	10	14	2,440	479	185	1.30	0.25	0.10
District of Columbia	11	12	10	6	4	6	50	27	46	0.07	0.04	0.06
Virginia	53	31	40	15	9	13	113	121	112	0.05	0.06	0.05
West Virginia	104	82	81	39	15	13	924	104	197	0.91	0.10	0.21
North Carolina	13	12	14	1	2	1	104	10	6	0.04	(5)	(5)
South Carolina	9	9	8	1	3	1	23	10	13	0.01	0.01	0.01
Georgia	22	28	30	4	8	18	112	106	241	0.05	0.05	0.11
Florida	99	98	66	27	26	24	276	311	183	0.10	0.11	0.06
<b>East South Central:</b>												
Kentucky	83	54	67	30	15	16	1,220	184	119	0.91	0.13	0.09
Tennessee	60	79	58	19	22	11	402	273	202	0.24	0.14	0.10
Alabama	73	60	65	61	25	13	2,480	477	167	1.64	0.31	0.11
Mississippi	12	18	15	2	2	4	17	19	47	0.02	0.02	0.06
<b>West South Central:</b>												
Arkansas	25	20	30	3	3	3	71	24	43	0.09	0.03	0.09
Louisiana	36	37	34	18	6	6	280	115	207	0.17	0.07	0.13
Oklahoma	20	28	29	6	8	9	195	49	92	0.17	0.04	0.08
Texas	75	71	82	30	25	41	1,310	339	798	0.24	0.06	0.15
<b>Mountain:</b>												
Montana	17	15	16	12	1	2	780	174	38	2.47	0.53	0.12
Idaho	17	20	18	3	4	2	22	389	20	0.07	1.25	0.06
Wyoming	8	20	16	3	9	2	68	50	18	0.32	0.26	0.09
Colorado	30	38	49	22	11	17	750	155	220	0.76	0.15	0.21
New Mexico	12	17	19	5	2	4	212	48	53	0.48	0.11	0.12
Arizona	28	13	13	31	3	3	1,430	135	32	2.33	0.20	0.05
Utah	12	17	13	15	3	9	1,170	121	128	2.37	0.24	0.24
Nevada	16	6	9	5	2	3	215	22	28	1.10	0.10	0.13
<b>Pacific:</b>												
Washington	58	46	82	34	6	15	911	163	251	0.55	0.10	0.15
Oregon	41	19	25	9	3	13	230	112	229	0.22	0.11	0.22
California	260	292	269	102	104	99	3,340	855	1,110	0.34	0.08	0.11
Alaska	10	19	10	5	1	3	202	7	41	(6)	0.08	0.40
Hawaii	(6)	32	33	(6)	5	22	(6)	16	47	(6)	(6)	(6)

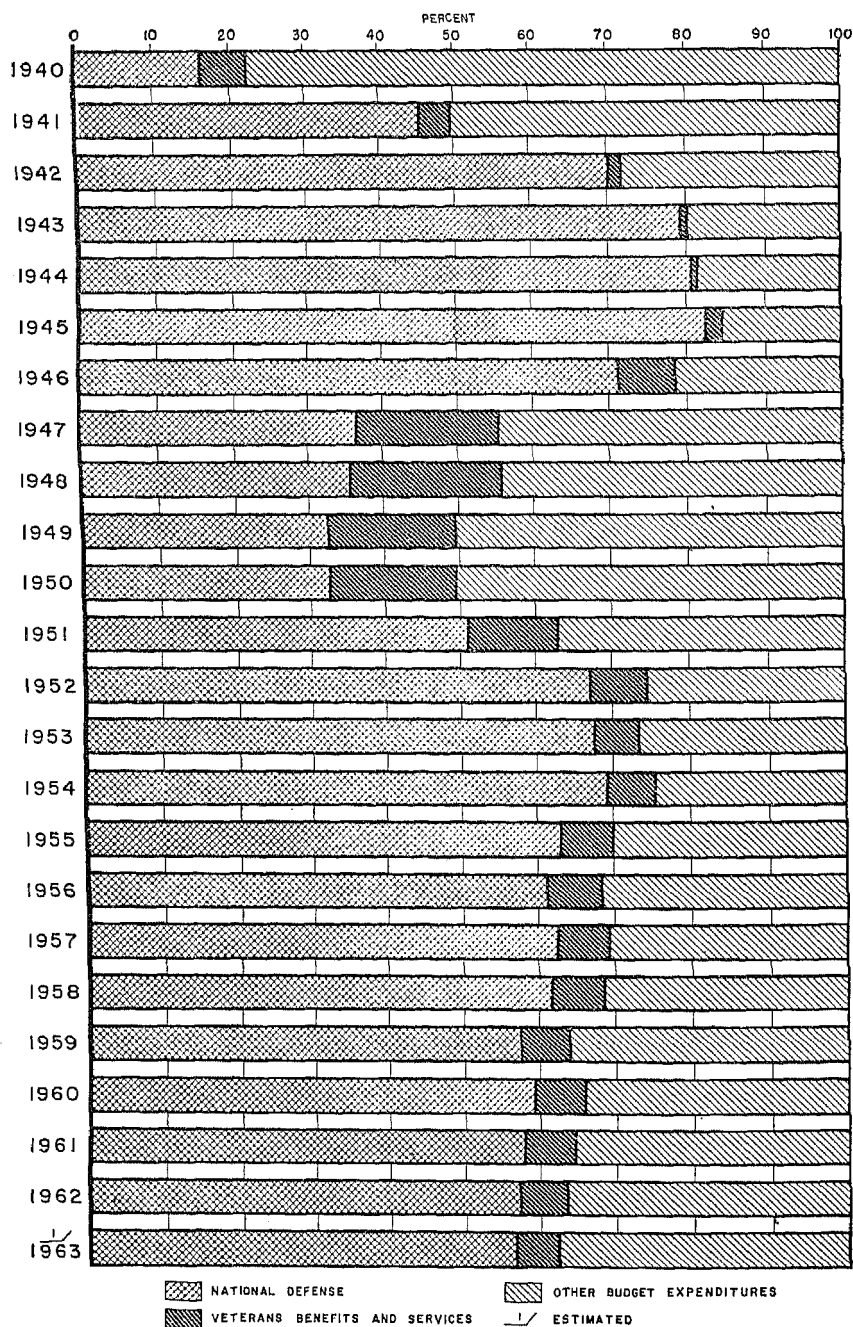
<sup>1</sup> See footnote 1, table 323. <sup>2</sup> See footnote 3, table 323. <sup>3</sup> Beginning 1959, includes Alaska, and 1960, Hawaii.

<sup>4</sup> Less than 500. <sup>5</sup> Less than 0.005 percent. <sup>6</sup> Not available.

Source: Department of Labor, Bureau of Labor Statistics; annual bulletin, *Analysis of Work Stoppages*, release. *Work Stoppages by State*, and *Monthly Labor Review*.

FIG. XIII. FEDERAL GOVERNMENT EXPENDITURES FOR NATIONAL DEFENSE FUNCTIONS AND VETERANS BENEFITS AND SERVICES: 1940 TO 1963

[See table 327]



Source: Chart prepared by Department of Commerce, Bureau of the Census. Data are from Bureau of the Budget.



## Section 9

### Military Services and Veterans Affairs

This section presents statistics relating to national defense, several measures of its human and financial costs, and indicators of military personnel, ships, aircraft, and Selective Service operations. Also included are statistics on the various programs and benefits sponsored for veterans by the Federal Government. The principal sources of these data are the Department of Defense, Office of the Secretary of Defense; annual reports of the separate Departments of the Army, Navy, and Air Force; the Selective Service System; the *Annual Report of the Administrator of Veterans Affairs*, Veterans Administration; and the *Budget of the United States Government*, Bureau of the Budget.

**Department of Defense.**—Until 1947 the Army, Navy, and Air Force operated under independent jurisdiction answering only to the Commander-in-Chief, the President of the United States. In 1947, as a result of the passage of the National Security Act, a new executive department was established, the National Military Establishment. This department was organized to provide for the coordination and unified direction of the Army, Navy, and Air Force under a civilian Secretary of Defense. The Army, Navy, and Air Force were not merged, however. Each remained separately administered and retained its individual Department status. Amendments to the National Security Act in 1949 added new powers to the Secretary of Defense and redesignated the National Military Establishment as the Department of Defense.

**Selective Service.**—The Selective Service System is responsible for the registration, classification, selection, forwarding for examination, and delivery for induction into the Armed Forces of all men required to register under the Universal Military and Training Act, as amended. The act requires the registration of all men in the United States between the ages of 18 and 26, and makes those between 18½ and 26 years old liable for service in the Armed Forces. Deferred persons remain liable for service until they attain 35 years of age. The act also provides exemptions or deferments from service for many persons for reasons of previous service, essential occupation, etc. Selective Service is also authorized to determine the availability of members of the Standby Reserve of the Armed Forces for order to active duty in time of war or national emergency.

**Veterans Administration.**—The Veterans Administration administers laws authorizing benefits for eligible former and present members of the Armed Forces and for the dependents and other beneficiaries of deceased former members of such forces. Veterans benefits available under various acts of Congress include: Compensation for service-connected disability or death; pension for nonservice-connected disability or death; vocational rehabilitation for service-connected disability; education and training; guaranty or insurance of home, farm, and business loans; U.S. Government and National Service Life Insurance; servicemen's indemnity in lieu of insurance; hospitalization; domiciliary care; outpatient medical and dental care for service-connected disability; prosthetic and other appliances; special housing for certain seriously disabled veterans; automobiles or other conveyances for certain disabled veterans; burial allowances; and educational assistance to war orphans.

**Alaska and Hawaii.**—For a general statement concerning the treatment of data for Alaska and Hawaii, see preface. "Conterminous area" refers to the United States excluding Alaska, Hawaii, and outlying areas.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics, Colonial Times to 1957*, series Y 357-358") provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

### No. 327. FEDERAL GOVERNMENT EXPENDITURES FOR NATIONAL DEFENSE FUNCTIONS AND VETERANS BENEFITS AND SERVICES: 1930 TO 1963

[In millions of dollars. For years ending June 30. Includes expenditures not only of Department of Defense and Veterans Administration but also of other agencies for activities *primarily* related to national defense and veterans programs. Excludes expenditures for programs which, though closely related to national defense or veterans services, have a primary relationship to other categories of the functional classification (see table 505). Functional classification revisions for national defense have been carried back through 1939. For further detail as to classification of particular items in 1961, 1962, and 1963, see *Budget of the United States Government, 1963*, pp. 103-109 and 118-266. See also *Historical Statistics, Colonial Times to 1957*, series Y 367-388 and Y 360]

YEAR	Total budget expenditures	NATIONAL DEFENSE		VETERANS BENEFITS AND SERVICES		YEAR	Total budget expenditures	NATIONAL DEFENSE		VETERANS BENEFITS AND SERVICES	
		Amount	Per-cent of total	Amount	Per-cent of total			Amount	Per-cent of total	Amount	Per-cent of total
1930.....	3,320	734	22.1	821	24.7	1947.....	38,923	14,398	37.0	7,381	19.0
1931.....	3,577	733	20.5	1,040	29.1	1948.....	32,955	11,779	35.7	6,653	20.2
1932.....	4,659	703	15.1	985	21.1	1949.....	39,474	12,926	32.7	6,725	17.0
1933.....	4,598	648	14.1	863	18.8	1950.....	39,544	13,018	32.9	6,646	16.8
1934.....	6,645	540	8.1	557	8.4	1951.....	43,970	22,471	51.1	5,400	12.3
1935.....	6,497	711	10.9	607	9.3	1952.....	65,303	44,037	67.4	4,933	7.6
1936.....	8,422	914	10.9	2,350	27.9	1953.....	74,120	50,442	68.1	4,368	5.9
1937.....	7,733	937	12.1	1,137	14.7	1954.....	67,537	46,986	69.6	4,341	6.4
1938.....	6,765	1,030	15.2	581	8.6	1955.....	64,389	40,695	63.2	4,522	7.0
1939.....	8,841	1,075	12.2	560	6.3	1956.....	66,224	40,723	61.5	4,810	7.3
1940.....	9,055	1,498	16.5	552	6.1	1957.....	68,966	43,360	62.9	4,870	7.1
1941.....	13,255	6,036	45.5	566	4.3	1958.....	71,369	44,234	62.0	5,184	7.3
1942.....	34,037	23,937	70.3	558	1.6	1959.....	80,342	46,401	57.9	5,287	6.6
1943.....	79,368	63,159	79.6	606	0.8	1960.....	76,539	45,691	59.7	5,266	6.9
1944.....	94,986	76,896	80.7	745	0.8	1961.....	81,515	47,494	58.3	5,414	6.6
1945.....	98,303	81,216	82.6	2,095	2.1	1962 est.....	89,075	51,212	57.5	5,572	6.3
1946.....	60,326	43,226	71.7	4,415	7.3	1963 est.....	92,537	52,690	56.9	5,298	5.7

Source: Executive Office of the President, Bureau of the Budget; *Budget of the United States Government*.

### No. 328. FEDERAL GOVERNMENT EXPENDITURES FOR NATIONAL DEFENSE FUNCTIONS: 1961 TO 1963

[In millions of dollars. For years ending June 30]

COST CATEGORY, PROGRAM, OR AGENCY	1961	1962 estimate	1963 estimate	COST CATEGORY, PROGRAM, OR AGENCY	1961	1962 estimate	1963 estimate
<b>Total.....</b>	<b>47,494</b>	<b>51,212</b>	<b>52,690</b>	<b>Procurement—Con.</b>			
Department of Defense, military.....	44,676	48,250	49,700	Ships.....	1,801	2,049	2,308
Military personnel.....	12,085	13,250	13,415	Other.....	2,423	2,815	3,581
Active forces.....	10,651	11,725	11,745	Research, development, test and evaluation.....	6,131	6,039	6,650
Reserve forces.....	648	625	658	Military construction.....	1,605	1,250	1,189
Retired pay.....	786	900	1,012	Civil defense.....	—	140	350
Operation and maintenance.....	10,611	11,595	11,511	Revolving and management funds.....	—300	—260	—171
Procurement.....	13,095	14,836	15,356	Military assistance.....	1,449	1,400	1,400
Aircraft.....	5,808	6,449	5,563	Atomic energy program.....	2,713	2,830	2,880
Missiles.....	2,972	3,523	3,899	Defense-related services.....	104	132	110

Source: Executive Office of the President, Bureau of the Budget; *Budget of the United States Government*.

No. 329. DEPARTMENT OF DEFENSE OBLIGATIONS AND EXPENDITURES: 1960 AND 1961

[In millions of dollars. For years ending June 30]

ITEM	Total	MILITARY FUNCTIONS					Civil functions
		Total	Army	Navy	Air Force	Other	
1960							
Available for obligation.....	52,055	51,064	11,879	14,753	23,205	1,227	991
Obligation for year.....	43,329	42,426	10,892	12,096	18,353	1,085	903
Unobligated balance.....	8,725	8,638	987	2,657	4,852	142	87
Available for expenditure.....	73,066	71,875	14,249	22,555	33,426	1,645	1,191
Expended during year.....	42,095	41,215	9,392	11,642	19,066	1,115	880
Unexpended balance.....	30,971	30,660	4,857	10,913	14,360	530	311
1961							
Available for obligation.....	53,916	52,874	12,273	15,757	23,651	1,192	1,042
Obligation for year.....	46,676	45,725	11,501	13,318	19,824	1,081	951
Unobligated balance.....	7,240	7,149	771	2,439	3,827	111	91
Available for expenditure.....	73,232	71,971	14,771	23,343	32,238	1,619	1,261
Expended during year.....	44,168	43,228	10,130	12,215	19,778	1,105	940
Unexpended balance.....	29,064	28,743	4,640	11,129	12,460	514	321

Source: Department of Defense, Office of the Secretary.

No. 330. NET VALUE OF MILITARY PROCUREMENT ACTIONS, BY CATEGORY AND DEPARTMENT: 1954 TO 1961

[In millions of dollars. For years ending June 30. Includes all new prime contracts regardless of amount of contract; debit or credit changes in contracts are included only if they involve \$10,000 or more. Procurement actions cover official awards, amendments, or other changes in prime contracts of military departments and agencies of Department of Defense 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]

PROCUREMENT ACTION AND DEPARTMENT	1954	1955	1956	1957	1958	1959	1960	1961
<b>Total.....</b>	<b>13,279</b>	<b>16,582</b>	<b>19,590</b>	<b>21,458</b>	<b>24,197</b>	<b>25,312</b>	<b>23,689</b>	<b>25,585</b>
Army.....	3,110	5,238	4,096	5,456	5,993	6,009	5,882	6,273
Navy.....	4,349	4,659	0,240	6,589	6,991	7,071	7,421	7,936
Air Force.....	5,820	6,685	8,654	9,413	11,213	11,632	10,386	11,376
<b>With business firms for work in U.S.<sup>1</sup>.....</b>	<b>11,448</b>	<b>14,930</b>	<b>17,750</b>	<b>19,133</b>	<b>21,827</b>	<b>22,744</b>	<b>21,302</b>	<b>22,992</b>
Department:								
Army.....	1,946	4,302	3,831	4,446	4,852	4,957	4,911	5,292
Navy.....	4,062	4,280	5,642	5,894	6,271	6,941	6,746	7,174
Air Force.....	5,440	6,348	8,277	8,793	10,704	10,846	9,645	10,526
Type of contract:								
Advertised.....	1,789	2,386	2,815	3,321	3,115	3,089	2,978	2,770
Negotiated.....	9,659	12,544	14,935	15,812	18,712	19,655	18,324	20,222
<b>With small business firms<sup>2</sup>.....</b>	<b>2,902</b>	<b>3,214</b>	<b>3,475</b>	<b>3,788</b>	<b>3,729</b>	<b>3,783</b>	<b>3,440</b>	<b>3,657</b>
Department:								
Army.....	1,488	1,834	1,675	1,827	1,801	1,740	1,528	1,568
Navy.....	850	804	1,114	1,231	1,172	1,123	1,048	1,112
Air Force.....	558	576	686	726	756	920	864	977
Type of contract:								
Advertised.....	1,150	1,501	1,750	1,973	1,794	1,466	1,175	1,008
Negotiated.....	1,752	1,713	1,725	1,810	1,935	2,317	2,265	2,649
<b>For work outside U.S.<sup>3</sup>.....</b>	<b>1,411</b>	<b>1,111</b>	<b>1,406</b>	<b>1,602</b>	<b>1,444</b>	<b>1,410</b>	<b>1,226</b>	<b>1,280</b>
Army.....	920	697	729	740	663	604	604	622
Navy.....	206	215	502	551	530	491	395	433
Air Force.....	285	199	205	322	174	256	227	225
<b>Intragovernmental<sup>4</sup>.....</b>	<b>420</b>	<b>541</b>	<b>434</b>	<b>462</b>	<b>531</b>	<b>758</b>	<b>781</b>	<b>881</b>
Army.....	244	239	166	178	203	243	256	303
Navy.....	81	164	96	79	100	141	155	189
Air Force.....	95	138	172	205	228	369	370	389
<b>Educational and nonprofit institutions<sup>5</sup>.....</b>				<b>261</b>	<b>395</b>	<b>399</b>	<b>380</b>	<b>432</b>
Army.....				103	198	140	111	56
Navy.....				65	90	98	126	140
Air Force.....				93	107	161	143	236

<sup>1</sup> Includes Alaska, Hawaii, Puerto Rico, and outlying areas.

<sup>2</sup> Covers firms not dominant in their fields of operation and employing fewer than 500 persons, and those with 500 or more employees which have been certified by the Small Business Administration as small business firms.

<sup>3</sup> Covers all awards for work to be performed in foreign countries.

<sup>4</sup> Covers purchases from government agencies other than Department of Defense, and interservice purchases placed by one military service, bureau, or command against contracts executed by other military technical services, bureaus, or commands.

<sup>5</sup> Prior to 1957, included with business firms.

Source: Department of Defense, Office of the Secretary; *Military Prime Contract Awards and Subcontract Payments*, July 1960-June 1961.

**No. 331. DEFENSE EXPENDITURES AND OBLIGATIONS, AND EMPLOYMENT, NEW ORDERS, AND SALES IN SELECTED INDUSTRIES: 1955 TO 1961**

[In millions of dollars, except employment in thousands. For years ending June 30]

ITEM	1955	1957	1958	1959	1960	1961
Department of Defense average monthly expenditures: <sup>1</sup>						
Aircraft and missiles.....	784.0	875.2	935.6	922.2	856.4	739.1
Ships.....	78.7	70.2	92.1	124.2	145.3	150.0
Electronics and communications.....	36.7	58.7	55.2	60.0	91.1	86.8
Ordnance, vehicles, and related equipment.....	99.2	56.2	30.4	33.2	36.9	56.3
Average monthly employment: <sup>2,3</sup>						
Aircraft and parts.....	761.3	895.8	783.6	755.4	673.8	668.9
Ship and boat building and repairing.....	124.7	153.1	146.9	146.4	141.0	142.5
Communications equipment.....	(4)	(4)	296.1	336.1	366.9	379.1
Ordnance.....	141.2	140.2	145.4	173.0	187.3	200.7
Department of Defense obligations for procurement of major equipment.....	9,800	13,800	16,100	15,850	13,415	13,935
New orders received, durable goods industries.....	143,081	169,681	141,358	169,451	173,453	(4)
Department of Defense net expenditures for procurement of major equipment.....	12,838	13,488	14,083	14,409	14,312	13,095
Sales, durable goods industries.....	142,835	169,851	154,845	166,158	175,929	(4)

<sup>1</sup> Excludes military assistance program and not completely comparable with employment categories.<sup>2</sup> Not completely comparable with Defense expenditure categories.<sup>3</sup> Source: Department of Labor, Bureau of Labor Statistics. <sup>4</sup> Not available.

Source: Department of Defense, Office of the Secretary, except as noted.

**No. 332. DEFENSE EXPENDITURES ABROAD FOR GOODS AND SERVICES, BY MAJOR CATEGORY AND COUNTRY: 1957 TO 1961**

[In millions of dollars. Includes payments in foreign currencies accumulated by sales of agricultural products, excess property, and other goods and services; and amounts received as counterpart funds under grant programs and as payments on loans and other credits. Excludes cash grants under special military programs, such as programs originally defined as direct forces support and administered by the Agency for International Development]

CATEGORY AND COUNTRY	1957	1958	1959	1960	1961 (prel.)
<b>Total.....</b>	<b>3,216</b>	<b>3,435</b>	<b>3,107</b>	<b>3,048</b>	<b>2,947</b>
<b>MAJOR CATEGORIES</b>					
Expenditures by troops, civilian personnel, post exchanges, etc.....	881	890	888	873	843
Foreign expenditures for construction.....	372	321	215	175	162
Contributions to the NATO multilateral construction program.....	65	81	58	117	40
Contractual services.....	640	772	765	774	808
Offshore procurement under military assistance programs <sup>1</sup> .....	371	212	150	141	118
Purchases of equipment.....	55	49	39	44	46
Purchases of other materials and supplies.....	832	1,110	992	924	921
<b>MAJOR COUNTRIES</b>					
<b>Western Europe.....</b>	<b>1,838</b>	<b>1,865</b>	<b>1,670</b>	<b>1,631</b>	<b>1,514</b>
Belgium-Luxembourg.....	31	55	26	28	12
Denmark-Greenland.....	34	40	49	50	36
France.....	396	371	300	275	284
Germany.....	479	600	604	641	634
Greece.....	20	15	14	17	15
Iceland.....	12	17	15	14	13
Italy-Trieste.....	166	117	117	108	95
Netherlands.....	41	38	30	37	28
Norway.....	14	17	19	18	13
Spain.....	87	92	76	66	52
Turkey.....	36	45	35	60	64
United Kingdom.....	488	360	289	286	225
Other countries.....	34	38	36	31	43
<b>Canada.....</b>	<b>288</b>	<b>443</b>	<b>431</b>	<b>379</b>	<b>345</b>
<b>Latin American Republics.....</b>	<b>56</b>	<b>63</b>	<b>48</b>	<b>59</b>	<b>59</b>
<b>All other countries.....</b>	<b>1,034</b>	<b>1,064</b>	<b>958</b>	<b>979</b>	<b>1,029</b>
Aruba and Curacao.....	78	97	67	60	63
Bahrain.....	46	49	39	36	43
Bermuda.....	10	12	14	13	13
Japan.....	465	418	381	405	380
Korea.....	58	88	94	90	102
Morocco.....	47	34	27	26	22
Pakistan.....	13	18	18	12	8
Philippines.....	57	53	47	41	42
Ryukyu Islands.....	68	64	63	74	95
Saudi Arabia.....	40	43	44	43	44
Taiwan.....	12	19	26	24	22
Other countries.....	140	169	148	155	195

<sup>1</sup> Includes offshore procurement under the Lisbon Agreement, the weapons production program, and the Mutual weapons development program.Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, January 1962, and records.

# No. 333. MILITARY ASSISTANCE PROGRAM—VALUE OF PROGRAMS AND DELIVERIES, BY AREA AND COUNTRY: 1950 TO 1962

(In millions of dollars. For years ending June 30. Programs and deliveries represent the value of military equipment, supplies, and services planned for delivery and actually delivered to recipient countries. Includes (a) equipment and supplies procured for the Military Assistance Program or provided from procurement or stocks of military departments; (b) services, such as training, military construction, repair and rehabilitation of excess stocks, supply operations, and other accessorial charges, the delivery of which is included on the basis of the expenditure for the service; and (c) purchases of military equipment and supplies initially credit financed with MAP funds. Excludes equipment and supplies which are excess to requirements of U.S. military departments. The fact that there is a military assistance program for a country is not to be construed as a commitment of the United States.)

AREA AND COUNTRY	1950-1962		1961		1962 <sup>1</sup>	
	Programs	Deliveries	Programs	Deliveries	Programs	Deliveries
<b>Worldwide</b> .....	29,485.7	26,445.5	1,936.0	1,374.2	2,010.5	1,499.9
<b>Europe</b> .....	15,640.1	14,610.6	543.8	550.8	463.2	398.2
Belgium-Luxembourg.....	1,256.4	1,194.0	34.0	9.8	13.2	17.0
Denmark.....	606.3	522.5	38.7	33.4	39.2	20.3
France.....	4,237.1	4,176.2	6.1	25.9	54.7	50.8
Germany.....	901.2	899.7	1.5	16.0	.4	1.2
Italy.....	2,273.9	2,106.2	118.9	135.0	74.8	98.4
Netherlands.....	1,231.5	1,140.8	53.7	30.5	32.1	18.6
Norway.....	791.1	691.0	54.1	13.2	62.1	38.9
Portugal.....	328.8	287.2	28.5	3.4	7.7	6.5
Spain.....	490.8	421.1	31.7	35.9	34.6	32.1
United Kingdom.....	1,045.0	1,020.4	14.7	14.0	24.3	25.5
Yugoslavia.....	693.9	693.9				
Regional and undistributed <sup>2</sup> .....	1,785.2	1,457.7	162.0	233.7	120.0	88.0
<b>Africa</b> .....	108.6	73.1	25.0	11.6	30.4	22.5
Ethiopia.....	67.5	54.0	13.6	6.0	11.6	13.4
Liberia.....	4.3	2.6	.8	.3	2.0	.8
Libya.....	4.5	3.0	.7	.3	.8	.4
Regional and undistributed <sup>3</sup> .....	32.3	13.5	9.0	5.0	16.0	7.8
<b>Near East and South Asia</b> .....	4,614.2	3,959.6	448.4	244.8	424.4	310.3
Afghanistan.....	2.8	2.6	1.6	.5	(3)	1.6
Greece.....	1,100.1	995.3	109.4	42.8	115.7	60.4
Iran.....	577.9	493.7	75.9	40.2	49.8	46.1
Iraq.....	46.1	46.1	(3)	(3)	(3)	(3)
Israel.....	3.0	.9		(3)	2.0	(3)
Jordan.....	24.1	17.0	3.5	1.9	3.7	1.5
Lebanon.....	8.6	8.2	.2	.9	.1	.1
Turkey.....	2,095.0	1,827.8	180.3	85.0	195.8	162.2
Regional and undistributed <sup>3</sup> .....	606.6	562.8	77.5	63.6	57.4	38.3
<b>Far East</b> .....	7,848.1	6,635.0	782.2	554.9	909.8	612.5
Australia.....	42.7	32.5		2.3	10.2	.4
Cambodia.....	85.9	74.5	11.3	5.4	9.6	9.8
China (Taiwan).....	2,166.6	1,883.8	162.8	84.4	195.9	93.1
Indochina.....	709.6	709.6		.2		
Japan.....	858.1	757.7	76.4	66.9	52.7	93.9
Korea.....	1,958.9	1,645.0	260.3	192.2	281.4	144.8
Laos.....	106.8	130.7	32.5	33.4	62.0	45.3
Philippines.....	286.1	248.3	30.0	23.6	27.6	24.7
Thailand.....	413.2	338.1	51.0	23.9	58.6	34.7
Viet-Nam.....	742.4	599.9	101.4	65.0	151.2	61.0
Regional and undistributed <sup>3</sup> .....	414.9	308.8	59.8	57.6	60.7	74.7
<b>Latin America</b> .....	502.3	406.6	55.8	57.2	86.1	70.8
Argentina.....	10.8	6.5	1.4	2.8	3.3	3.6
Bolivia.....	3.5	2.0	1.7	.4	1.3	1.3
Brazil.....	172.4	144.0	24.2	23.9	23.7	22.8
Chile.....	57.2	46.5	7.6	4.0	8.6	10.4
Colombia.....	39.8	31.4	3.8	3.2	10.1	6.1
Costa Rica.....		.3	.1		.8	.3
Cuba.....	10.6	10.6		.1		
Dominican Republic.....	6.1	6.1		(3)		
Ecuador.....	21.7	19.5	2.3	2.0	2.3	2.3
El Salvador.....	1.1	.5	.2	.2	.8	.3
Guatemala.....	4.4	2.1	.3	.4	2.7	.6
Haiti.....	5.1	3.2	.4	.6	2.2	.7
Honduras.....	2.3	1.4	.1	.3	1.1	.3
Mexico.....	6.2	5.0	.3	.4	.4	1.5
Nicaragua.....	3.8	2.5	.6	.6	1.7	.6
Paraguay.....	1.4	1.0	.1	.2	.7	.4
Peru.....	64.1	54.0	3.9	4.4	10.8	7.0
Uruguay.....	29.5	27.5	4.5	2.9	2.2	5.5
Venezuela.....	52.9	36.9	2.0	9.6	11.5	5.6
Regional and undistributed <sup>3</sup> .....	8.3	5.8	2.2	1.1	2.0	1.6
<b>Non-regional including classified credit assistance sales</b> .....	772.4	760.7	80.8	445.1	96.5	85.7

<sup>1</sup> Estimated as of January 4, 1962.

<sup>2</sup> Values are included in "Undistributed" for programs and deliveries which remain classified because of inter-governmental agreement or because of their sensitive nature.

<sup>3</sup> Less than \$50,000.

<sup>4</sup> Negative amount. Represents net withdrawals of equipment and supplies previously reported as delivered.

Source: Department of Defense, Office of the Secretary; *Military Assistance Facts*, March 1, 1962.

## No. 334. DEFENSE EXPENDITURES, BY STATES: 1960 AND 1961

[In millions of dollars. For years ending June 30]

STATE	1960				1961			
	Total	Military spending <sup>1</sup>	Pay to military personnel <sup>2</sup>	Pay to civilians <sup>3</sup>	Total	Military spending <sup>1</sup>	Pay to military personnel <sup>2</sup>	Pay to civilians <sup>3</sup>
<b>Total</b> .....	33,845	22,462	6,064	5,319	35,954	24,305	6,057	5,592
Alabama.....	410	103	87	220	401	105	86	210
Alaska.....	251	79	128	44	261	92	124	45
Arizona.....	284	169	74	41	366	245	77	44
Arkansas.....	68	11	40	17	104	46	39	19
California.....	6,409	4,839	781	789	6,874	5,277	758	839
Colorado.....	443	247	118	78	667	466	117	84
Connecticut.....	876	839	23	14	1,055	1,018	22	15
Delaware.....	113	71	35	7	112	71	34	7
District of Columbia.....	344	95	67	182	395	150	69	176
Florida.....	858	490	235	133	868	493	235	140
Georgia.....	622	178	261	183	745	301	256	188
Hawaii.....	307	49	132	126	293	27	138	128
Idaho.....	71	47	21	3	40	14	23	3
Illinois.....	723	385	181	157	783	437	184	162
Indiana.....	406	311	35	60	449	353	34	62
Iowa.....	154	147	4	3	137	127	5	5
Kansas.....	744	574	137	33	709	539	138	32
Kentucky.....	264	33	166	65	276	46	159	71
Louisiana.....	318	197	87	34	250	139	77	34
Maine.....	103	32	61	10	175	97	67	11
Maryland.....	889	516	176	197	930	528	184	218
Massachusetts.....	1,353	1,070	143	140	1,376	1,072	146	158
Michigan.....	717	601	63	53	742	590	86	66
Minnesota.....	224	193	21	10	220	189	20	11
Mississippi.....	178	47	98	33	214	69	112	33
Missouri.....	536	337	114	85	523	338	102	83
Montana.....	61	27	30	4	140	95	38	7
Nebraska.....	162	71	67	24	150	51	73	26
Nevada.....	57	9	32	16	64	9	38	17
New Hampshire.....	165	72	36	57	203	105	36	62
New Jersey.....	1,576	1,275	154	147	1,258	950	144	164
New Mexico.....	238	78	97	63	220	64	88	68
New York.....	2,832	2,378	162	292	3,097	2,643	161	303
North Carolina.....	477	173	249	55	557	237	260	60
North Dakota.....	37	9	24	4	52	13	35	4
Ohio.....	1,197	907	81	209	1,305	1,004	83	218
Oklahoma.....	404	147	116	141	385	123	119	143
Oregon.....	64	24	20	20	70	28	20	22
Pennsylvania.....	1,109	671	57	381	1,258	804	55	399
Rhode Island.....	101	26	27	48	97	25	22	50
South Carolina.....	292	31	180	81	289	41	162	86
South Dakota.....	76	44	23	9	59	28	21	10
Tennessee.....	217	109	67	41	251	144	68	39
Texas.....	2,143	1,138	988	317	2,184	1,138	706	340
Utah.....	289	176	15	98	469	350	15	104
Vermont.....	23	19	3	1	19	16	2	1
Virginia.....	1,160	422	302	436	1,293	505	322	466
Washington.....	1,033	715	185	133	975	646	190	139
West Virginia.....	27	18	3	6	26	19	2	5
Wisconsin.....	200	167	21	12	251	222	18	11
Wyoming.....	58	42	12	4	43	24	15	4
Undistributed.....	2,182	2,054	125	3	2,274	2,192	82	-----

<sup>1</sup> Military spending for supplies, services, and construction. Figures reflect prime-contract awards and therefore do not show the effect of subcontracting on State distribution of defense work.

<sup>2</sup> For shore-based personnel only.

<sup>3</sup> Direct hire only.

Source: Department of Defense, Office of the Secretary.

**No. 335. DEPARTMENT OF DEFENSE—REAL AND PERSONAL PROPERTY: 1961***[In millions of dollars. As of June 30]*

MILITARY DEPARTMENT AND TYPE OF PROPERTY	Total	United States <sup>1</sup>	U.S. possessions	Foreign countries and afloat
<b>Department of Defense.....</b>	<b>153,508</b>	<b>125,054</b>	<b>2,291</b>	<b>31,160</b>
Real property inventory.....	<sup>2</sup> 34,038	<sup>2</sup> 28,640	<sup>2</sup> 1,160	4,238
Construction in progress, cost of work in place.....	<sup>3</sup> 2,434	<sup>3</sup> 2,025	28	381
Personal property inventory.....	<sup>4</sup> 122,036	<sup>4</sup> 94,389	1,103	26,541
<b>Army.....</b>	<b>38,824</b>	<b>32,955</b>	<b>228</b>	<b>5,641</b>
Real property inventory.....	<sup>2</sup> 10,303	<sup>2</sup> 9,402	<sup>2</sup> 140	761
Construction in progress, cost of work in place.....	<sup>3</sup> 258	<sup>3</sup> 177	2	79
Personal property inventory.....	<sup>4</sup> 28,263	<sup>4</sup> 23,376	80	4,801
<b>Navy (including Marine Corps).....</b>	<b>58,445</b>	<b>39,070</b>	<b>1,131</b>	<b>18,235</b>
Real property inventory.....	9,704	8,414	680	610
Construction in progress, cost of work in place.....	663	538	22	103
Personal property inventory.....	48,078	<sup>5</sup> 30,127	429	<sup>7</sup> 17,522
<b>Air Force.....</b>	<b>61,236</b>	<b>53,020</b>	<b>932</b>	<b>7,284</b>
Real property inventory.....	14,031	10,824	340	2,867
Construction in progress, cost of work in place.....	1,513	1,310	4	190
Personal property inventory.....	45,692	40,886	588	4,218

<sup>1</sup> Includes Alaska and Hawaii.<sup>2</sup> Excludes real property under the jurisdiction of the Civil Works Division Office, Chief of Engineers, Department of the Army, in the following amounts: total, \$5,271,000,000; United States, \$5,270,000,000; and U.S. possessions, \$1,000,000.<sup>3</sup> Excludes \$2,730,000,000 of work in place on construction under the jurisdiction of the Civil Works Division Office.<sup>4</sup> Excludes personal property under the jurisdiction of the Civil Works Division Office in the amount of \$224,000,000.<sup>5</sup> Includes \$3,000,000 personal property of the Office of the Secretary of Defense.<sup>6</sup> Includes Reserve Fleet and organic property of nonoperating Fleet Marine Forces.<sup>7</sup> Includes active fleet, supplies afloat, and organic property of operating Fleet Marine Forces.

Source: Department of Defense, Office of the Secretary.

**No. 336. CIVIL DEFENSE—FEDERAL FUNDS OBLIGATED, BY PROGRAM, AND STATE AND CITY EXPENDITURES: 1952 TO 1961**

*[In thousands of dollars. Federal funds are obligated from a specified appropriation, not necessarily in a given fiscal year. Federal funds are made available to help the State and local governments acquire civil defense supplies, equipment, facilities, and training, and for personnel and administrative expenses. Federal contributions were made on the basis of applications submitted by the States and approved by the Office of Civil and Defense Mobilization (now the Office of Civil Defense). States and outlying areas are required to match Federal funds on an equal basis, except that for 1952 to 1957, the matching ratio for Alaska was 70 percent Federal and 30 percent local.]*

ITEM	Cumulative, total	1952 to 1956-57	1957-58	1958-59	1960	1961
<b>FEDERAL FUNDS OBLIGATED</b>						
<b>Supplies, equipment, facilities, and training programs.....</b>	<b>104,608</b>	<b>56,698</b>	<b>13,770</b>	<b>14,693</b>	<b>8,979</b>	<b>10,468</b>
Chemical, biological, and radiological defense <sup>1</sup> .....	216				102	214
Communications.....	43,904	18,436	8,205	8,172	4,619	4,382
Emergency operating centers <sup>2</sup> .....	5,382		586	1,602	1,051	2,083
Emergency welfare.....	612	237	53	170	132	11
Engineering.....	5,598	550	1,172	1,607	1,034	1,145
Fire service.....	8,080	<sup>3</sup> 8,080				
Health and special weapons defense.....	14,870	14,260	263	144	54	159
Helicopter.....	474	80	125	10	68	191
Police services.....	351	80	126	64	44	37
Public information.....	1,455	<sup>4</sup> 641	242	152	225	195
Rescue service.....	3,455	2,308	414	269	207	287
Training and education.....	7,882	4,902	1,070	867	407	636
Warning.....	11,627	6,440	1,424	1,477	1,036	1,260
Other services <sup>5</sup> .....	102	94				8
Personnel and administrative expense program.....	3,483					3,483
<b>STATE AND CITY EXPENDITURES <sup>6</sup></b>						
State expenditures <sup>7</sup> .....	172,862	<sup>8</sup> 102,491	16,767	19,005	14,067	20,532
City expenditures <sup>7</sup> .....	58,408	<sup>8</sup> 41,219	5,492	6,130	5,567	

<sup>1</sup> Prior to 1960 included with health and special weapons defense.<sup>2</sup> Prior to 1957 included with communications. <sup>3</sup> In effect for 1952 and 1953 only.<sup>4</sup> Included with training and education for 1952 and 1954.<sup>5</sup> Police items mostly for 1953; evacuation studies for 1955-56 and 1956-57; shelter surveys in 1961.<sup>6</sup> Expenditures in specified fiscal year and not against any appropriation over a 2-year period, as for Federal funds. Represents total expenditures of State and specified city governments for all phases of civil defense; only a part of this money was used to match Federal funds.<sup>7</sup> Represents the expenditures of State and specified city governments from their Civil Defense appropriations for all programs. State data include funds received from Federal government. City data comprise 41 cities of 250,000 inhabitants or more in 1950, plus Honolulu, Hawaii, added in 1960. The city figures represent direct expenditures only, and do not include payments to other governments for civil defense. State data include expenditures for Alaska for 1958 to 1961; for Hawaii 1959 to 1961. <sup>8</sup> 1951 to 1957.

Source: Department of Defense, Office of Civil Defense.

# No. 337. MILITARY PERSONNEL ON ACTIVE DUTY, BY DEPARTMENT AND BY SEX: 1940 TO 1961

[As of June 30. Includes National Guard, Reserve, and retired Regular personnel on extended or continuous active duty; excludes Coast Guard. Warrant officers and flight officers included under officers; Military Academy Cadets, Naval Academy Midshipmen, Air Force Academy Cadets, and other officer candidates under enlisted personnel. See also *Historical Statistics, Colonial Times to 1957*, series Y 763-775]

YEAR	Grand total	ARMY 1			NAVY			MARINE CORPS			AIR FORCE 2			Army personnel assigned to Air Force commands <sup>3</sup>
		Total	Officers	Enlisted	Total	Officers	Enlisted	Total	Officers	Enlisted	Total	Officers	Enlisted	
BOTH SEXES														
1940	458,385	289,023	18,326	250,697	160,097	13,604	147,393	28,345	1,800	26,545				
1941	1,801,101	1,462,315	99,336	1,362,979	284,427	20,022	255,335	54,359	3,339	51,020				
1942	3,858,791	3,075,608	206,422	2,869,186	640,570	69,584	571,006	142,613	7,138	135,475				
1943	9,044,745	6,994,472	579,576	6,414,896	1,741,770	179,676	1,562,074	308,523	21,384	287,139				
1944	11,451,719	7,994,750	776,980	7,217,770	2,981,365	276,153	2,705,212	475,604	32,788	442,816				
1945	12,123,455	8,267,958	891,663	7,376,295	3,380,817	331,379	3,049,438	474,680	37,067	437,613				
1946	3,030,088	1,891,011	267,144	1,623,867	983,398	141,161	842,237	155,679	14,208	141,471	411,277	57,006	354,271	13,735
1950	1,460,201	593,167	72,566	520,601	381,538	44,641	336,897	74,279	7,254	67,025	959,946	137,149	822,797	27,632
1955	2,935,107	1,100,206	121,947	987,349	690,995	74,527	586,168	206,170	18,417	186,753				
1956	2,806,441	1,025,778	118,364	907,414	669,925	71,770	598,155	200,780	17,809	182,971	900,958	142,003	757,955	
1957	2,795,798	997,994	111,187	886,807	677,108	73,703	603,405	200,861	17,434	183,427	919,835	140,563	779,272	
1958	2,600,581	898,925	104,716	794,209	641,005	71,560	569,445	189,495	16,741	172,754	871,156	132,930	738,217	
1959	2,504,310	861,964	101,690	760,274	626,340	69,795	556,545	175,571	16,005	159,566	840,435	131,602	708,833	
1960	2,476,435	873,078	101,236	771,842	617,984	68,559	549,425	170,621	16,203	154,418	814,752	139,689	685,063	
1961	2,483,771	858,622	99,921	758,701	627,069	69,981	557,108	176,909	16,132	160,777	821,151	128,793	692,358	
FEMALE														
1941	6,104	5,433	5,433	671	671	671	73,286	18,457	531	17,606				
1945	265,006	153,716	62,336	92,553	92,553	19,557	73,286	18,457	531	17,606	5,314	1,532	3,782	
1950	22,069	10,822	4,431	6,391	5,003	2,447	7,748	580	45	535	11,362	3,080	8,282	
1955	35,191	12,988	5,222	7,716	8,043	2,936	5,707	2,248	135	2,113				
1956	33,946	12,646	4,876	8,066	8,066	2,862	5,214	1,747	113	1,634	11,187	3,334	7,853	
1957	32,173	11,730	4,574	7,156	7,658	2,831	4,827	1,617	107	1,510	11,158	3,700	7,458	
1958	31,176	11,464	4,380	7,074	7,247	2,696	4,551	1,645	115	1,530	10,820	3,608	7,212	
1959	31,718	12,168	4,331	7,837	7,723	2,738	4,985	1,826	123	1,703	10,001	3,630	6,371	
1960	31,550	12,542	4,253	8,279	8,071	2,711	5,360	1,611	123	1,488	9,326	3,675	5,651	
1961	32,071	12,811	4,251	8,560	8,572	2,736	5,836	1,612	117	1,495	8,976	3,680	5,296	

1 1940 to 1946 includes Army Air Forces and predecessor agencies. Excludes Army personnel assigned to Air Force Command.

2 Includes Army personnel assigned to Air Force Command; excludes Air Force personnel assigned to Army Command. See footnote 1.

3 Included in Air Force data.

Source: Department of Defense, Office of the Secretary of Defense; semiannual reports of the Departments, and departmental records.



### No. 338. MILITARY PERSONNEL ON ACTIVE DUTY, BY MAJOR PROGRAM CATEGORY: 1950 TO 1961

[As of June 30. Includes National Guard, Reserve, and retired Regular personnel on extended or continuous active duty]

YEAR	Total	OPERATING FORCES <sup>1</sup>		SUPPORTING FORCES		TRAINING FORCES		TRANSIENTS AND PATIENTS <sup>2</sup>	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
1950.....	1,460,261	800,619	54.8	277,016	19.0	302,040	20.8	78,786	5.4
1951.....	3,249,455	1,860,125	56.9	498,564	13.5	751,634	23.2	206,132	6.4
1952.....	3,635,912	2,056,924	56.6	600,674	13.7	813,479	22.4	264,835	7.3
1953.....	3,555,067	2,040,404	57.4	600,772	14.1	788,422	22.2	225,379	6.3
1954.....	3,302,104	2,016,962	61.1	448,835	13.6	644,082	19.5	192,225	5.8
1955.....	2,935,107	1,829,111	62.3	435,829	14.8	571,531	19.5	98,636	3.4
1956.....	2,806,441	1,761,362	62.7	434,289	15.5	512,065	18.3	97,835	3.5
1957.....	2,795,798	1,756,206	62.8	448,335	16.0	494,742	17.7	97,425	3.5
1958.....	2,600,581	1,616,835	62.2	445,874	17.1	452,729	17.4	85,143	3.3
1959.....	2,504,310	1,575,033	62.9	434,647	17.4	416,094	16.6	78,536	3.1
1960.....	2,476,435	1,570,279	63.4	390,187	15.8	435,769	17.6	80,170	3.2
1961.....	2,483,771	1,608,719	64.8	393,154	15.8	415,227	16.7	60,671	2.7

<sup>1</sup> Combat forces and closely allied combat-supporting elements.

<sup>2</sup> Personnel proceeding to or from an assignment, awaiting reassignment or separation, and personnel hospitalized and relieved of assignment.

Source: Department of Defense, Office of the Secretary; *Annual Report of the Secretary of Defense, 1961*.

### No. 339. MILITARY PERSONNEL ON ACTIVE DUTY, BY AGE: 1940 TO 1961

[In thousands. Estimated as of July 1. Includes Coast Guard]

AGE	1940 <sup>1</sup>	1945 <sup>1</sup>	1950	1955	1956	1957	1958	1959	1960	1961
Total.....	464	12,355	1,481	2,964	2,835	2,828	2,634	2,537	2,507	2,518
Under 20 years.....	82	1,604	266	545	575	539	434	406	426	463
20 to 24 years.....	206	4,328	545	1,363	1,181	1,191	1,086	979	916	897
25 to 29 years.....	80	3,293	273	455	448	443	424	426	411	407
30 to 34 years.....	44	1,791	217	268	256	247	252	272	282	296
35 to 39 years.....	29	993	103	200	221	238	237	243	236	221
40 to 44 years.....	13	173	46	82	97	111	136	142	157	154
45 and over.....	9	112	31	49	56	59	64	69	80	81

<sup>1</sup> Based on fragmentary data.

Source: Department of Commerce, Bureau of the Census. Based on Department of Defense data.

### No. 340. COAST GUARD PERSONNEL ON ACTIVE DUTY: 1940 TO 1961

[As of June 30. Includes Alaska and Hawaii]

YEAR	Total	Officers <sup>1</sup>	Cadets	Enlisted	YEAR	Total	Officers <sup>1</sup>	Cadets	Enlisted
1940.....	13,756	1,351	144	12,261	1955.....	28,607	3,520	533	24,554
1941.....	19,029	1,380	199	17,450	1956.....	28,423	3,578	308	24,537
1942.....	58,998	3,507	205	55,286	1957.....	29,940	3,672	307	25,961
1943.....	154,975	8,338	206	146,431	1958.....	30,128	3,799	417	25,912
1944.....	169,259	11,980	234	157,045	1959.....	30,448	3,871	464	26,113
1945.....	171,192	12,683	219	158,290	1960.....	30,616	4,020	405	26,191
1946.....	26,406	3,240	183	22,983	1961.....	31,563	4,078	385	27,100
1950.....	23,190	2,906	206	19,988					

<sup>1</sup> Includes warrant officers.

Source: 1942-1945, Navy Department; records. All other years, Treasury Department, U.S. Coast Guard; *Annual Report of the Secretary of the Treasury*.

## No. 341. MILITARY RESERVE PERSONNEL NOT ON ACTIVE DUTY: 1950 TO 1961

[In thousands. As of June 30. Excludes reserve personnel on extended active duty]

BRANCH OF SERVICE	1950		1955		1959		1960		1961	
	Total	Paid <sup>1</sup> drill training	Total	Paid <sup>1</sup> drill training	Total	Paid <sup>1</sup> drill training	Total	Paid <sup>1</sup> drill training	Total	Paid <sup>1</sup> drill training
<b>Total</b> .....	<b>2,631</b>	<b>839</b>	<b>2,985</b>	<b>826</b>	<b>4,354</b>	<b>1,007</b>	<b>4,147</b>	<b>997</b>	<b>3,756</b>	<b>1,005</b>
Army.....	966	513	2,027	521	2,687	714	2,625	703	2,294	696
National Guard.....	<sup>2</sup> 353	326	<sup>2</sup> 378	358	<sup>2</sup> 404	390	<sup>2</sup> 408	402	<sup>2</sup> 400	394
Officers.....	32	31	40	35	40	38	39	37	38	36
Enlisted.....	321	296	338	324	364	<sup>3</sup> 362	368	<sup>3</sup> 365	362	<sup>3</sup> 358
Army Reserve.....	614	187	1,649	163	2,283	314	2,217	301	1,894	302
Officers.....	302	69	191	65	245	<sup>3</sup> 51	254	<sup>3</sup> 50	258	<sup>3</sup> 51
Enlisted.....	311	118	1,457	98	2,038	<sup>3</sup> 263	1,963	<sup>3</sup> 251	1,635	<sup>3</sup> 251
Navy.....	1,244	223	652	192	1,043	165	931	165	891	174
Naval Reserve.....	<sup>4</sup> 1,115	183	466	149	728	120	672	120	648	130
Officers.....	297	26	213	24	181	25	174	26	173	26
Enlisted.....	<sup>5</sup> 818	157	<sup>5</sup> 253	125	<sup>5</sup> 546	<sup>5</sup> 95	<sup>5</sup> 498	<sup>5</sup> 94	<sup>5</sup> 475	<sup>5</sup> 104
Marine Corps Reserve.....	<sup>4</sup> 129	40	186	43	315	45	258	45	243	44
Officers.....	26	3	25	4	24	4	24	4	23	3
Enlisted.....	103	36	161	39	292	<sup>3</sup> 41	235	<sup>3</sup> 41	219	<sup>3</sup> 40
Air Force.....	420	104	307	113	624	128	592	129	571	135
Air National Guard.....	45	45	61	61	71	71	71	71	71	71
Officers.....	7	7	7	7	8	8	9	9	9	9
Enlisted.....	38	38	55	55	63	<sup>3</sup> 63	62	<sup>3</sup> 62	62	<sup>3</sup> 62
Air Force Reserve.....	375	58	246	52	553	57	521	58	500	64
Officers.....	257	28	152	32	134	<sup>3</sup> 21	141	<sup>3</sup> 22	144	<sup>3</sup> 19
Enlisted.....	118	31	94	19	418	<sup>3</sup> 36	381	<sup>3</sup> 37	357	<sup>3</sup> 45

<sup>1</sup> Prior to 1959, comprises reserves in drill pay status; thereafter, also includes reserves undergoing active duty basic training.<sup>2</sup> Includes inactive National Guard.<sup>3</sup> Includes personnel undergoing 3 to 6 months active duty training.<sup>4</sup> Strength not wholly comparable with later data due to change in definition of Reserve Components as contained in the Reserve Forces Act of 1952.<sup>5</sup> Includes Regular NROTC and Merchant Marine midshipmen.Source: Department of Defense, Office of the Secretary; *Semiannual Report of the Secretary of Defense*.

## No. 342. MILITARY PAY RATES: 1865 TO 1960

[Based on weighted averages, annual rates. See also *Historical Statistics, Colonial Times to 1957*, series Y 757-762]

YEAR	CURRENT DOLLARS			CONSTANT DOLLARS (1947-49 BASE)		
	All per- sonnel	Officers	Enlisted personnel	All per- sonnel	Officers	Enlisted personnel
<b>Basic pay:</b>						
1865.....	\$231	\$717	\$202	\$537	\$1,667	\$470
1898.....	282	2,101	205	881	6,566	641
1918.....	510	2,141	417	797	3,345	662
1945.....	1,017	2,442	856	1,322	3,176	1,113
1952.....	1,776	4,453	1,473	1,565	3,922	1,298
1955.....	2,067	5,004	1,672	1,805	4,370	1,460
1960 <sup>1</sup> .....	2,512	5,972	2,013	2,016	4,793	1,616
<b>Basic pay plus allowances:<sup>2</sup></b>						
1865.....	510	1,012	427	1,186	4,447	993
1898.....	528	2,480	444	1,650	7,778	1,388
1918.....	908	2,698	870	1,513	4,216	1,350
1945.....	1,811	3,777	1,587	2,355	4,911	2,063
1952.....	2,940	6,234	2,584	2,590	5,492	2,277
1955.....	3,222	6,787	2,742	2,814	5,923	2,395
1960 <sup>1</sup> .....	3,743	8,734	3,034	3,004	7,010	2,435

<sup>1</sup> Constant dollars based on 1959 Consumer Price Index.<sup>2</sup> Includes the value of quarters, food, and clothing, in the form of cash allowances to officers and "in kind" to enlisted personnel. Does not include the value of medical care, income-tax exemptions, recreational facilities, transportation, Government insurance benefits, etc., nor flight, combat, and other hazardous-duty pay.Source: 1865-1955, The President's Commission on Veterans' Pensions, *Veterans' Benefits in the United States*, Volume I, 1956, and records. 1960, Department of Defense, Office of the Secretary (based on the President's 1960 budget estimate).

**No. 343. ARMED FORCES PERSONNEL—SUMMARY OF MAJOR CONFLICTS, BY BRANCH OF SERVICE**

[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. See also *Historical Statistics, Colonial Times to 1957*, series Y 715-762]

ITEM AND BRANCH OF SERVICE	Civil War <sup>1</sup>	Spanish American War	World War I	World War II	Korean conflict
Personnel serving.....	2,213,363	306,760	4,743,826	216,353,659	3,764,143
Army.....	2,128,948	280,564	4,057,101	11,260,000	2,834,000
Navy.....	84,415	22,875	509,051	4,183,466	1,177,030
Marines.....		3,321	78,839	669,100	424,039
Air Force.....					1,285,000
Coast Guard.....			8,835	241,093	44,143
Average duration of service..... months.....	20	8	12	33	19
Officers..... do.....	(?)	8	14	30	24
Enlisted..... do.....	(?)	8	12	33	18
Overseas service:					
Personnel serving..... percent.....	(?)	29	53	73	56
Army..... do.....		29	52	75	65
Navy..... do.....	(?)	(?)	60	87	19
Marines..... do.....	66	56	57	71	30
Air Force..... do.....					30
Average duration "..... months.....	(?)	1.5	5.5	16.2	13.4
Army..... do.....	(?)	1.5	5.5	16.0	12.5
Navy..... do.....	(?)	(?)	(?)	(?)	(?)
Marines..... do.....	(?)	3.3	5.7	18.8	13.0
Air Force..... do.....					17.0
Casualties: <sup>12</sup>					
Battle deaths.....	140,414	385	53,402	291,557	33,620
Army.....	138,154	12,309	50,510	234,874	27,704
Navy.....	2,112	1610	431	36,950	458
Marines.....	148	6	2,401	19,733	4,207
Air Force.....					1,200
Wounds not mortal.....	281,881	1,662	204,002	670,846	103,284
Army.....	280,040	1,594	193,663	565,861	77,698
Navy.....	1,710	47	810	37,778	1,576
Marines.....	131	21	9,520	67,207	23,744
Air Force.....					368
Enlisted personnel:					
Occupation groupings..... percent.....	17 100.00	18 100.00	19 100.00	20 100.00	21 100.00
Technical and scientific..... do.....	0.15	0.52	3.66	10.4	12.7
Administrative and clerical..... do.....	0.73	3.13	7.99	12.6	18.1
Mechanics and repairmen..... do.....	0.10	0.95	8.49	16.6	15.3
Craftsman..... do.....	0.50	0.14	13.03	5.9	4.7
Service workers..... do.....	2.41	6.49	12.52	9.6	12.4
Operatives and laborers..... do.....	2.91	2.18	20.20	6.1	6.5
Military-type occupations not elsewhere classified..... do.....	93.20	86.59	34.11	38.8	30.3
Drafts:					
Classified.....	776,800		24,234,000	36,677,000	9,123,000
Examined.....	522,000		3,764,000	17,954,500	3,685,300
Rejected.....	160,200		802,518	6,419,700	1,188,600
Inducted.....	46,300		2,820,000	10,022,000	1,560,100

<sup>1</sup> Union forces only. Estimates of the number serving in the Confederate forces range from 400,000 to 1,500,000.

<sup>2</sup> Covers period Dec. 1, 1941, to Dec. 31, 1946.

<sup>3</sup> Covers period June 25, 1950, to July 27, 1953.

<sup>4</sup> Covers period Apr. 21 to Aug. 13, 1898.

<sup>5</sup> Includes Air service.

<sup>6</sup> Includes Army Air Corps.

<sup>7</sup> Not available.

<sup>8</sup> Based on Army and Marines only.

<sup>9</sup> Excludes Navy. See footnote 10.

<sup>10</sup> Covers period July 1950 through January 1955. Represents Far East area only.

<sup>11</sup> During hostilities only.

<sup>12</sup> Covers war personnel who departed from continental U.S. through December 1898.

<sup>13</sup> For periods covered, see footnotes 2, 3, 4, and 10.

<sup>14</sup> Includes gassed in action; Army data include casualties in northern Russia to Aug. 25, 1919, and in Siberia to Apr. 1, 1920. Marine data represent casualties in Europe only.

<sup>15</sup> Excludes personnel lost in sinking of the *Maine*, which occurred 2 months before hostilities.

<sup>16</sup> Includes casualties incurred in October 1941, due to hostile action.

<sup>17</sup> Covers only Army personnel base of 1,908,800.

<sup>18</sup> Covers only Army personnel base of 246,410.

<sup>19</sup> Covers only Army personnel base of 3,665,600.

<sup>20</sup> Covers all services base of 9,370,986.

<sup>21</sup> Covers all services base of 4,428,939.

Source: The President's Commission on Veterans' Pensions, *Veterans' Benefits in the United States*, Volume I, 1953; and Department of Defense, Office of the Secretary, records.

## No. 344. SHIPS OF THE U.S. NAVY: 1950 TO 1959

[As of June 30. Includes vessels in active fleet, reserve (mothball) fleet, under conversion for change of status in shipyards, in custody of or use by district commandants, naval reserve training, and on loan. Excludes service craft and floating dry docks. Later data not available because of military security considerations]

CLASS	1950	1952	1953	1954	1955	1956	1957	1958	1959
<b>Total</b> .....	2,834	2,908	2,897	2,928	2,953	2,967	2,964	2,750	2,462
Total, excluding Military Sea Transportation Service vessels <sup>1</sup> .....	2,659	2,634	2,634	2,695	2,759	2,758	2,711	2,571	2,311
Warships.....	720	727	731	740	724	742	741	746	665
Amphibious warfare vessels.....	761	713	701	725	733	665	622	520	368
Minore warfare vessels.....	212	240	240	256	287	290	297	298	300
Patrol vessels.....	398	421	418	420	421	446	451	438	391
Auxiliary vessels.....	559	533	544	554	504	615	600	569	557
Military Sea Transportation Service nucleus vessels.....	175	274	263	233	194	209	253	179	151

<sup>1</sup> Excludes ships under construction, service craft, small boats, and small landing craft.

Source: Department of the Navy, Office of the Navy Comptroller.

## No. 345. AIRCRAFT OF THE U.S. NAVY: 1940 TO 1961

[As of January 1]

TYPE	1940	1941	1942	1943	1944	1945	1946	1950	1951	1952
<b>Total</b> .....	1,661	2,199	5,260	11,813	25,892	36,721	30,535	14,015	13,412	13,213
Combat <sup>1</sup> .....	977	1,359	2,471	5,434	15,164	25,780	19,402	9,405	8,978	8,654
Transport and utility.....	132	169	303	624	1,367	2,437	2,876	1,231	1,144	776
Training <sup>1</sup> .....	273	638	2,459	5,714	9,057	7,883	7,280	3,100	3,072	3,431
Miscellaneous.....	279	33	27	41	304	621	977	219	218	352

TYPE	1953	1954	1955	1956	1957	1958	1959	1960	1961
<b>Total</b> .....	13,694	13,986	14,311	13,710	12,573	12,140	11,659	11,257	10,515
Combat <sup>1</sup> .....	8,767	8,801	8,945	8,380	7,570	7,195	6,889	} (2)	(2)
Transport and utility.....	801	848	953	875	851	849	791		
Training <sup>1</sup> .....	3,469	3,606	3,601	3,611	3,306	3,154	2,897		
Miscellaneous.....	657	831	807	844	846	942	1,082		

<sup>1</sup> Combat-type airplanes used for training are included with "Training" for 1940-1948, and thereafter with "Combat." <sup>2</sup> Not available because of military security considerations.

Source: Department of the Navy, Bureau of Aeronautics and Office of the Navy Comptroller.

## No. 346. AIRCRAFT OF THE U.S. AIR FORCE: 1940 TO 1961

[As of January 1]

TYPE	1940	1941	1942	1943	1944	1945	1946	1950	1951	1952
<b>Total</b> .....	2,546	3,961	12,297	33,304	64,232	72,726	44,782	18,705	18,370	19,994
Combat.....	1,647	1,760	4,477	11,607	27,448	41,901	26,077	8,093	8,216	9,179
Transport.....	131	124	254	1,837	6,406	10,455	7,500	2,889	2,905	3,271
Trainer.....	761	2,069	7,340	17,044	26,051	17,000	7,617	6,868	6,665	6,672
Communications.....	7	8	226	2,796	4,207	3,249	3,588	805	584	872

TYPE	1953	1954	1955	1956	1957	1958	1959	1960	1961
<b>Total</b> .....	22,045	25,422	27,904	29,003	28,845	26,898	24,132	22,749	20,585
Combat.....	9,728	11,265	13,147	15,055	15,881	14,880	13,122	} (1)	(1)
Transport.....	3,587	4,095	4,404	4,446	4,527	4,490	4,407		
Trainer.....	7,308	8,334	8,646	7,928	7,550	6,567	5,593		
Communications.....	1,422	1,728	1,707	1,574	878	961	1,010		

<sup>1</sup> Not available because of military security considerations.

Source: Department of the Air Force, Office of the Air Force Comptroller.

# No. 347. CLASSIFICATION STATUS OF SELECTIVE SERVICE REGISTRANTS, 18½ TO 26 YEARS OLD: 1955 TO 1961

[In thousands. As of December 31. Includes Alaska, Hawaii, and outlying areas. Under the amendments of June 19, 1951, to the Universal Military Training and Service Act, (a) age of military liability was extended to 35 years for certain specified kinds of registrants, and (b) registrants under 19 years of age were made eligible for classification]

CLASSIFICATION STATUS	1955		1959		1960		1961	
	Num- ber	Per- cent	Num- ber	Per- cent	Num- ber	Per- cent	Num- ber	Per- cent
Total.....	10,179	100.0	12,694	100.0	13,510	100.0	14,305	100.0
Unclassified.....	503	4.9	1,092	8.6	1,443	10.7	1,587	11.1
Classified.....	9,676	95.1	11,602	91.4	12,067	89.3	12,718	88.9
Available for military service (I-A & I-A-O).....	1,727	17.0	2,295	18.1	2,287	16.9	2,330	16.3
Non-fathers.....			1,534	12.1	1,559	11.5	1,282	9.0
Not available for induction.....			78	0.6	124	0.9	369	2.6
Induction postponed.....			3	(1)	3	(1)	5	(1)
Fathers 18-25.....			393	3.1	359	2.7	401	2.8
Registrants 26 and over.....			83	0.7	101	0.8	118	0.8
Registrants under 19.....			204	1.6	141	1.0	155	1.1
Inducted or enlisted, including discharges and reserves (I-C).....	3,952	38.8	1,400	11.0	1,388	10.3	1,581	11.1
Available for, in, or released from civilian service (I-O, I-W).....	11	0.1	16	0.1	17	0.1	17	0.1
Member of reserve component or National Guard (I-D).....	267	2.6	668	5.3	701	5.9	805	6.0
Occupational deferments (II-A, II-A (App.), II-C, II-S, and I-S).....	280	2.8	257	2.0	280	2.1	416	2.9
Dependency (III-A).....	1,140	11.2	1,547	12.2	1,734	12.8	1,886	13.2
Veteran (SSS) (IV-A).....	110	1.1	2,206	17.4	2,185	16.2	2,126	14.9
Physically, mentally, or morally unfit (IV-F).....	2,122	20.8	3,145	24.8	3,815	24.5	3,421	23.9
Miscellaneous deferments (IV-B, IV-C, IV-D).....	67	0.7	68	0.5	70	0.5	76	0.5

<sup>1</sup> Less than 0.05 percent.

Source: Selective Service System, National Headquarters.

# No. 348. SELECTIVE SERVICE REGISTRANTS EXAMINED, FOUND ACCEPTABLE, AND DISQUALIFIED: 1950 TO 1961

[In thousands. Includes Alaska, Hawaii, and outlying areas. Based on results of preinduction examinations]

ITEM	1950 to 1961, total <sup>1</sup>		1958		1959		1960		1961	
	Num- ber	Per- cent	Num- ber	Per- cent	Num- ber	Per- cent	Num- ber	Per- cent	Num- ber	Per- cent
Examined.....	6,495	100.0	485	100.0	149	100.0	259	100.0	535	100.0
Found acceptable.....	4,152	63.9	282	58.1	76	51.2	143	55.1	296	55.3
Disqualified.....	2,343	36.1	203	41.9	73	48.8	116	44.9	239	44.7
Medically disqualified only.....	1,001	16.8	92	19.0	32	21.6	57	22.1	110	20.6
Failed mental test only <sup>2</sup> .....	976	15.0	87	18.0	32	21.6	49	18.8	108	20.1
Failed mental test and medically disqualified.....	201	3.1	16	3.3	5	3.1	7	2.9	15	2.9
Administratively disqualified.....	75	1.2	8	1.6	4	2.5	3	1.1	6	1.1

<sup>1</sup> 1950 figures for July through December only. 1950-1961 adjusted for examinees disqualified prior to January 1952 for failing mental test only, but later reexamined and found acceptable under modified mental test procedures.

<sup>2</sup> As of August 1958, includes medically and administratively qualified registrants who failed mental test as well as medically and administratively qualified registrants in Mental Group IV who failed the Army Classification Battery (ACB). The latter registrants are referred to as "Trainability Limited (V-O)" group; 36,000 registrants were so classified in 1961.

Source: Department of the Army, Office of the Surgeon General.

# No. 349. PERCENT DISTRIBUTION OF SELECTIVE SERVICE REGISTRANTS FOUND ACCEPTABLE, BY MENTAL GROUP: 1955 TO 1961

[Includes Alaska, Hawaii, and outlying areas]

MENTAL GROUP AND PERCENTILE SCORE	1955	1956	1957	1958	1959	1960	1961
Group I (93-100).....	11.3	12.3	13.3	14.6	16.5	14.3	10.3
Group II (65-92).....	26.9	27.0	25.9	27.2	28.4	31.9	32.2
Group III (31-64).....	31.6	32.6	32.8	33.8	34.7	34.5	34.5
Group IV (10-30).....	28.6	27.5	27.7	24.2	20.1	19.0	22.5
Administrative acceptees <sup>2</sup> .....	1.6	0.6	0.3	0.2	0.3	0.3	0.5

<sup>1</sup> Beginning August 1958, includes only those registrants within Mental Group IV who subsequently passed the Army Classification Battery (ACB). (See footnote 2, table 348.)

<sup>2</sup> Refers to registrants who failed the mental test or the ACB but who were administratively declared acceptable either on the basis of their education or the findings of a personal interview.

Source: Department of the Army, Office of the Surgeon General.

# No. 350. SUMMARY OF SELECTIVE SERVICE DATA, BY STATES AND OTHER AREAS: 1961

[As of June 30, except as noted. State allocations of registrants forwarded by Selective Service local boards for examination and induction are affected by number of voluntary enlistments and number ordered to active duty as Armed Forces reserves in addition to number deferred and eligible]

STATE OR OTHER AREA	NUMBER OF LIVING REGISTRANTS, BY AGE			Registrants forwarded to Armed Forces <sup>1,4</sup>	Rejections <sup>3</sup>	Inductions <sup>3</sup>	Persons on active duty—net credits <sup>5</sup>	Standby reserves, <sup>6</sup> Dec. 31 (prel.)
	18 to 18½	18½ to 26 <sup>1</sup>	26 and over <sup>2</sup>					
<b>Total</b> .....	<b>560,790</b>	<b>13,886,398</b>	<b>9,884,950</b>	<b>5,972,399</b>	<b>2,590,694</b>	<b>2,746,972</b>	<b>2,041,307</b>	<b>1,144,651</b>
<b>United States</b> .....	<b>550,828</b>	<b>13,548,070</b>	<b>9,778,561</b>	<b>5,768,961</b>	<b>2,451,066</b>	<b>2,670,089</b>	<b>2,028,882</b>	<b>1,134,439</b>
Alabama.....	11,638	343,355	177,510	140,808	92,230	56,237	36,033	17,132
Alaska.....	301	8,639	7,854	3,492	1,290	2,116	1,038	930
Arizona.....	3,904	87,125	46,893	32,857	14,954	10,585	15,123	8,576
Arkansas.....	6,163	196,967	107,039	78,383	47,329	31,883	24,899	12,126
California.....	39,211	921,543	680,316	335,721	133,222	151,290	122,776	103,791
Colorado.....	4,807	119,914	85,492	40,752	13,345	18,422	24,502	11,768
Connecticut.....	8,366	154,786	137,876	68,394	25,311	30,428	29,286	14,597
Delaware.....	1,314	28,443	19,784	11,687	4,979	4,600	3,061	2,384
Dist. of Columbia.....	2,264	55,302	53,518	22,304	10,176	11,545	3,219	6,925
Florida.....	12,012	283,292	148,658	96,006	45,812	39,638	44,963	22,457
Georgia.....	15,567	396,141	197,103	154,661	89,123	56,550	53,630	23,239
Hawaii.....	2,059	51,142	36,371	21,107	8,963	11,445	12,209	3,530
Idaho.....	2,341	58,730	38,174	15,399	4,542	9,770	10,623	5,955
Illinois.....	27,030	695,328	570,359	339,540	127,264	173,553	119,466	61,557
Indiana.....	14,987	347,162	265,326	136,094	52,128	74,874	58,024	33,212
Iowa.....	6,639	217,160	168,697	87,700	24,017	50,963	42,407	21,099
Kansas.....	6,856	163,376	120,782	61,858	17,601	32,887	30,151	17,022
Kentucky.....	11,719	300,960	185,910	142,697	72,634	58,528	39,777	15,672
Louisiana.....	10,651	287,642	156,449	128,492	78,275	43,636	32,999	20,215
Maine.....	2,720	70,825	62,230	31,011	11,718	14,159	15,837	6,625
Maryland.....	9,278	204,481	148,074	80,841	37,450	30,260	36,264	17,532
Massachusetts.....	15,405	348,184	314,242	134,995	45,788	62,619	61,263	41,452
Michigan.....	23,391	575,834	448,111	267,690	102,980	133,226	80,944	54,001
Minnesota.....	10,860	253,179	193,475	101,194	29,061	56,201	38,973	31,688
Mississippi.....	7,981	244,854	118,845	100,670	61,711	35,495	17,972	12,631
Missouri.....	12,055	323,448	249,892	148,584	54,438	73,567	43,542	28,253
Montana.....	2,106	46,915	43,235	17,001	5,409	9,302	8,757	4,579
Nebraska.....	5,516	106,041	91,784	43,240	13,506	27,653	15,322	12,319
Nevada.....	876	15,452	9,323	3,975	1,416	2,405	3,312	1,879
New Hampshire.....	1,814	43,990	34,613	13,014	4,236	6,609	8,802	4,107
New Jersey.....	16,594	379,334	318,055	178,724	58,447	88,670	39,021	35,272
New Mexico.....	3,128	72,382	45,344	25,481	11,100	12,247	10,010	5,588
New York City.....	20,946	580,130	530,099	361,741	173,308	161,746	57,482	52,793
New York (except New York City).....	29,005	574,192	431,300	228,264	80,958	113,151	74,296	53,761
North Carolina.....	17,025	465,341	262,045	214,399	121,813	83,997	81,893	24,245
North Dakota.....	2,345	60,610	42,406	27,510	6,007	15,854	10,549	6,496
Ohio.....	28,074	675,470	532,821	275,234	99,718	139,529	97,765	41,905
Oklahoma.....	7,963	211,620	142,207	70,276	26,064	38,229	20,499	17,403
Oregon.....	5,356	128,218	92,781	41,082	12,828	20,486	37,050	11,606
Pennsylvania.....	33,893	834,641	753,768	381,870	134,696	190,762	124,832	70,085
Rhode Island.....	2,018	55,506	54,792	29,751	11,200	11,482	9,669	4,893
South Carolina.....	9,649	235,298	136,323	112,082	74,773	36,420	24,683	13,671
South Dakota.....	2,136	57,950	44,727	25,296	7,069	14,876	8,189	6,072
Tennessee.....	12,986	350,123	192,926	155,426	82,418	62,614	52,344	20,079
Texas.....	27,475	795,946	479,781	276,623	120,164	129,839	122,673	49,936
Utah.....	2,974	71,056	50,967	31,028	8,877	13,676	8,210	7,974
Vermont.....	1,450	33,945	23,802	12,143	4,393	5,408	7,427	3,031
Virginia.....	12,936	325,110	205,572	141,509	75,548	59,493	55,521	20,314
Washington.....	7,829	190,068	139,703	68,014	21,997	30,450	46,923	20,812
West Virginia.....	7,190	196,042	147,982	85,384	37,826	40,462	31,402	12,377
Wisconsin.....	12,393	300,431	223,590	145,679	48,608	66,712	60,465	31,170
Wyoming.....	1,033	25,649	18,705	8,958	2,621	4,913	5,035	2,894
Puerto Rico.....	9,604	328,298	103,168	197,248	136,589	73,874	10,238	9,645
Canal Zone.....	66	1,080	614	837	135	566	214	169
Guam.....	173	5,722	1,070	2,877	1,385	1,131	1,450	225
Virgin Islands.....	119	3,228	1,537	2,476	1,469	1,812	623	173

<sup>1</sup> Under amendments of June 19, 1951, to Universal Military Training and Service Act, age of military liability was extended to 35 years for certain specified kinds of registrants.

<sup>2</sup> Legally exempted registrants; no longer liable for service because of age. See also footnote 1.

<sup>3</sup> Cumulative since inception of Universal Military Training and Service Act, as amended, September 1948.

<sup>4</sup> Includes enlistments and deferments between time of preinduction examination and notice of induction.

<sup>5</sup> Cumulative net credits resulting from inductions plus home address reports minus separation reports, as reported by the Armed Forces September 1948 through June 1961. Each State is credited with its inductions as well as its enlistments and reserves called to active duty. Because of time lag in reporting to local boards, credits given are not necessarily in complete accord with present strength of Armed Forces contributed by each State.

<sup>6</sup> Comprises trained reservists who are not in either the ready or the retired reserve, but who are liable for recall to active duty in time of war or national emergency.

Source: Selective Service System, National Headquarters.

No. 351. SELECTIVE SERVICE REGISTRANTS EXAMINED, FOUND ACCEPTABLE, AND DISQUALIFIED, BY STATES AND OTHER AREAS: 1961

[Based on results of preinduction examinations]

STATE OR OTHER AREA	NUMBER (1,000)				PERCENT DISTRIBUTION				
	Examined	Found acceptable	Disqualified	Found acceptable	Disqualified, by cause				
					Total	Medically disqualified only	Failed mental test only <sup>1</sup>	Failed mental test and medically disqualified	Administratively disqualified
Total.....	535.2	296.2	239.0	55.3	44.7	20.6	20.1	2.9	1.1
United States.....	520.9	289.3	231.7	55.5	44.5	20.9	19.8	2.7	1.1
Alabama.....	10.5	4.3	6.1	41.3	58.7	11.7	41.5	4.6	0.9
Alaska.....	0.4	0.3	0.1	73.2	26.8	17.2	8.3	0.3	1.0
Arizona.....	4.9	2.6	2.4	52.0	48.0	27.3	16.3	3.1	1.3
Arkansas.....	5.8	2.9	2.9	49.5	50.5	10.0	36.9	3.5	0.1
California.....	43.5	24.3	19.1	56.0	44.0	24.3	15.1	1.8	2.8
Colorado.....	3.5	2.5	1.0	70.7	29.3	18.6	7.4	1.3	2.0
Connecticut.....	5.4	2.8	2.6	61.9	48.1	27.5	17.9	1.6	1.1
Delaware.....	1.2	0.6	0.7	47.1	52.9	24.2	23.7	4.0	1.0
District of Columbia.....	3.9	1.0	2.0	47.8	52.2	20.9	24.3	4.1	2.9
Florida.....	13.4	6.6	6.7	49.5	50.5	17.5	28.7	3.2	1.1
Georgia.....	15.2	7.0	8.2	45.9	54.1	10.5	39.9	3.0	0.7
Hawaii.....	1.1	0.6	0.6	50.8	49.2	25.0	18.9	4.1	1.2
Idaho.....	1.7	1.2	0.5	69.8	30.2	22.8	5.6	1.4	0.4
Illinois.....	28.9	17.5	11.3	60.7	39.3	20.8	15.9	1.8	0.8
Indiana.....	15.2	9.0	5.4	64.8	35.2	21.0	11.4	1.7	1.1
Iowa.....	5.7	3.8	1.9	66.2	33.8	27.1	4.2	2.0	0.5
Kansas.....	5.2	2.5	1.7	66.7	33.3	25.0	6.6	1.2	0.5
Kentucky.....	11.1	5.4	5.7	48.8	51.2	15.0	30.4	6.4	0.4
Louisiana.....	14.6	0.0	8.5	41.5	58.5	9.9	43.8	4.5	0.3
Maine.....	2.4	1.2	1.3	47.9	52.1	32.2	13.0	3.5	2.5
Maryland.....	9.8	4.9	4.9	49.8	50.2	22.2	21.5	3.8	2.7
Massachusetts.....	16.1	9.7	6.4	60.3	39.7	27.7	7.9	1.9	2.2
Michigan.....	15.1	8.9	6.1	50.3	49.7	23.2	15.7	1.7	0.1
Minnesota.....	9.6	6.2	3.3	65.2	34.8	27.9	5.4	1.0	0.5
Mississippi.....	7.1	2.6	4.5	30.5	69.5	8.9	49.3	6.2	0.1
Missouri.....	9.7	6.0	3.6	62.4	37.6	19.6	14.7	2.3	1.0
Montana.....	1.2	0.8	0.4	64.6	35.4	30.0	4.1	1.0	0.3
Nebraska.....	3.6	2.4	1.2	66.2	33.8	27.6	5.4	0.7	0.1
Nevada.....	0.9	0.5	0.4	57.2	42.8	25.9	13.7	1.7	1.5
New Hampshire.....	1.0	0.7	0.3	67.7	32.3	16.4	13.0	2.3	0.6
New Jersey.....	19.8	10.9	8.9	55.2	44.8	22.1	19.1	2.1	1.5
New Mexico.....	4.3	3.0	1.3	69.0	31.0	11.4	14.4	3.9	1.3
New York.....	54.8	30.3	24.5	55.2	44.8	22.2	19.0	2.6	1.0
North Carolina.....	13.9	6.6	7.3	47.4	52.6	14.9	32.6	4.8	0.3
North Dakota.....	1.5	1.1	0.5	69.9	30.1	20.4	7.3	1.7	0.7
Ohio.....	22.6	13.7	8.9	60.5	39.5	25.6	11.5	2.0	0.4
Oklahoma.....	6.0	4.3	1.8	70.5	29.5	15.3	11.8	2.2	0.2
Oregon.....	4.3	2.8	1.5	64.1	35.9	29.4	3.8	1.7	1.0
Pennsylvania.....	30.0	19.0	11.1	63.1	36.9	20.8	12.5	2.3	1.3
Rhode Island.....	2.8	1.5	1.3	54.0	46.0	30.1	12.9	2.8	0.2
South Carolina.....	5.5	1.8	3.7	32.8	67.2	12.5	50.2	4.4	0.1
South Dakota.....	1.6	0.9	0.7	57.3	42.7	34.0	5.8	2.3	0.6
Tennessee.....	14.0	7.0	6.9	50.3	49.7	13.3	31.9	4.1	0.4
Texas.....	30.0	15.0	13.9	53.4	46.6	21.0	21.7	3.1	0.8
Utah.....	3.8	2.5	1.0	70.9	29.1	24.1	3.7	1.0	0.3
Vermont.....	0.8	0.5	0.3	62.3	37.7	19.4	12.5	5.0	0.8
Virginia.....	13.3	5.7	7.5	43.2	56.8	19.3	30.0	5.9	1.6
Washington.....	7.3	4.6	2.7	62.8	37.2	31.7	3.4	1.3	0.8
West Virginia.....	8.1	4.3	3.8	53.2	46.8	17.8	23.6	4.9	0.5
Wisconsin.....	8.2	4.7	3.5	57.8	42.2	31.6	7.7	1.5	1.4
Wyoming.....	0.8	0.5	0.2	71.2	28.8	22.7	4.1	0.9	1.1
Pacific <sup>2</sup> .....	0.3	0.2	0.1	59.1	40.9	2.5	36.5	1.9	-----
Caribbean <sup>3</sup> .....	14.0	6.7	7.2	48.1	51.9	13.7	30.8	7.2	0.2

<sup>1</sup> See footnote 2, table 348.

<sup>2</sup> Comprises Guam, and the Mariana Islands.

<sup>3</sup> Comprises Puerto Rico, Virgin Islands, and Panama Canal Zone.

Source: Department of the Army, Office of the Surgeon General.

### No. 352. ESTIMATED NUMBER OF VETERANS IN CIVIL LIFE, BY PERIOD OF SERVICE: 1945 to 1961

[In thousands. As of June 30. Includes data for all veterans, regardless of place of residence. See also *Historical Statistics, Colonial Times to 1967*, series Y 776-786]

PERIOD OF SERVICE	1945	1947	1948	1949	1950	1951	1952	1953
All veterans <sup>1</sup> .....	6,498	18,262	18,745	18,948	19,076	18,919	19,338	20,197
Korean conflict <sup>2</sup> .....						211	867	1,955
And service in World War II.....						111	439	668
No service in World War II.....						100	428	1,287
World War II <sup>3</sup> .....	2,460	14,361	14,914	15,182	15,386	15,200	15,369	15,440
And service in Korean conflict.....	2,460	14,361	14,914	15,182	15,386	111	439	668
No service in Korean conflict.....	3,621	3,711	3,651	3,687	3,618	15,089	14,930	14,782
World War I <sup>4</sup> .....	208	190	180	174	172	3,452	3,382	3,308
Other wars and Regular Establishment <sup>5</sup> .....						167	159	152

PERIOD OF SERVICE	1954	1955	1956	1957	1958	1959	1960	1961
All veterans <sup>1</sup> .....	20,951	21,861	22,371	22,633	22,727	22,666	22,534	22,403
Korean conflict <sup>2</sup> .....	2,912	3,999	4,686	5,105	5,353	5,448	5,482	5,531
And service in World War II.....	769	828	874	903	922	941	962	993
No service in World War II.....	2,153	3,171	3,812	4,202	4,431	4,507	4,520	4,538
World War II <sup>3</sup> .....	15,425	15,405	15,370	15,332	15,288	15,243	15,202	15,156
And service in Korean conflict.....	769	828	874	903	922	941	962	993
No service in Korean conflict.....	14,666	14,577	14,496	14,429	14,366	14,302	14,240	14,163
World War I <sup>4</sup> .....	3,230	3,150	3,061	2,971	2,876	2,778	2,673	2,565
Other wars and Regular Establishment <sup>5</sup> .....	143	135	128	128	132	138	130	144

<sup>1</sup> Excludes persons who served in the Armed Forces only in peacetime (Regular Establishment) unless they were receiving Veterans Administration compensation for service-connected disability. A small but unknown number of persons with service in two or more periods prior to the Korean conflict are included more than once. Veterans with service both in World War II and the Korean conflict are counted only once.

<sup>2</sup> Estimated cumulative returns to civil life since June 27, 1950, of all persons who served in the Armed Forces of the United States between that date and January 31, 1955 (including persons who had also served in World War II), less estimated deaths out of service and less estimated returns to active duty from civil life.

<sup>3</sup> Estimated cumulative returns to civil life since September 16, 1940, of all persons who served in the Armed Forces of the United States between that date and July 25, 1947 (including persons who also served in the Korean conflict), less estimated deaths out of service and less estimated returns to active duty from civil life.

<sup>4</sup> Estimated by application of appropriate survival rates to the 1918 age distribution of World War I participants.

<sup>5</sup> Includes veterans of Civil War, Indian Wars, Spanish-American War. Only former members of Regular Establishment (peacetime service only) who are receiving Veterans Administration compensation for service-connected disability are included. Spanish-American War totals estimated by application of appropriate survival rates to the 1902 age distribution of living Spanish-American War participants.

Source: Veterans Administration.

### No. 353. VETERANS IN CIVIL LIFE, BY ESTIMATED AGE AND PERIOD OF SERVICE: 1961

[In thousands. As of June 30. Includes data for all veterans, regardless of place of residence. See also *Historical Statistics, Colonial Times to 1967*, series Y 787-800, for all veterans]

AGE IN 1960	All veterans	KOREAN CONFLICT		World War II	World War I	Spanish-American War	Other <sup>1</sup>
		Total	No service in World War II				
All ages.....	22,403	<sup>2</sup> 5,531	4,538	<sup>2</sup> 15,156	2,565	31	113
Under 25 years.....	98	83	83				15
25 to 29 years.....	1,976	1,945	1,945	( <sup>3</sup> )			31
30 to 34 years.....	3,716	2,562	2,339	1,356			26
35 to 39 years.....	4,955	495	145	4,803			7
40 to 44 years.....	4,404	246	18	4,406			10
45 to 49 years.....	2,426	112	7	2,415			7
50 to 59 years.....	1,863	75	1	1,849	1		12
60 to 69 years.....	2,233	13		254	1,971		8
70 years and over.....	640	( <sup>3</sup> )		13	593	31	3
Average age <sup>4</sup> .....years.....	42.5	31.6	20.9	42.1	67.1	83.5	37.2

<sup>1</sup> Includes former members of the (peacetime) Regular Establishment and veterans of the Indian Wars who were receiving Veterans Administration disability compensation or pension.

<sup>2</sup> Includes 993,000 veterans who had served both in World War II and the Korean conflict.

<sup>3</sup> Less than 500. <sup>4</sup> Computed from 1-year age groups.

Source: Veterans Administration.



## No. 354. VETERANS IN CIVIL LIFE, BY COLOR AND SEX: 1950, 1955, AND 1960

[In thousands. As of June 30]

DATE AND PERIOD OF SERVICE	ALL VETERANS			MALE		FEMALE	
	Total	White	Nonwhite	White	Nonwhite	White	Nonwhite
<b>Total</b> ..... 1950	19,077	17,580	1,324	17,235	1,314	345	10
World War II.....	15,386	14,307	1,079	13,992	1,069	315	10
World War I.....	3,518	3,273	245	3,243	245	30	(3)
Other <sup>2</sup> .....	173	(4)	(4)	(4)	(4)	(4)	(4)
<b>Total</b> ..... 1955	21,861	20,110	1,616	19,725	1,602	385	14
Korean conflict <sup>3</sup> .....	3,171	2,855	316	2,809	312	40	4
World War II.....	15,405	14,324	1,081	14,013	1,071	311	10
World War I.....	3,150	2,931	219	2,903	219	28	(3)
Other <sup>2</sup> .....	135	(4)	(4)	(4)	(4)	(4)	(4)
<b>Total</b> ..... 1960	22,534	20,683	1,712	20,281	1,696	402	16
Korean conflict <sup>3</sup> .....	4,520	4,061	459	3,993	453	68	6
World War II.....	15,202	14,135	1,067	13,826	1,057	309	10
World War I.....	2,673	2,487	186	2,462	186	25	(2)
Other <sup>2</sup> .....	139	(4)	(4)	(4)	(4)	(4)	(4)

<sup>1</sup> Includes veterans of "Other" wars not available by color.<sup>2</sup> Less than 500.<sup>3</sup> Veterans of all other wars, except that for Indian Wars veterans and former members of the (peacetime) Regular Establishment, only those on Veterans Administration benefit rolls are included.<sup>4</sup> Not available.<sup>5</sup> Includes only Korean conflict veterans who had not also served in World War II.Source: U.S. Congress, Committee on Veterans' Affairs; *Historical Statistics of the Veteran Population, 1865-1960—A Compendium of Facts About Veterans*. 87th Congress, 1st Session, House Committee Print No. 69.

## No. 355. VETERANS BENEFITS—EXPENDITURES OF VETERANS ADMINISTRATION AND PREDECESSOR AGENCIES FROM APPROPRIATED FUNDS, BY WAR: TOTAL AND 1950 TO 1961

[In thousands of dollars. For years ending June 30. Includes data for all veterans, regardless of place of residence. See also *Historical Statistics, Colonial Times to 1867*, series Y 801-811]

YEAR	Total, all wars <sup>1</sup>	Mexican War and Indian wars	Civil War	Spanish- American War	World War I	World War II	Korean conflict	Regular Estab- lishment
<b>Total</b> .....	110,326,623	184,968	8,556,212	4,750,843	28,218,135	58,277,308	8,459,784	1,743,774
To 1949.....	49,085,230	172,217	8,506,806	2,907,249	13,180,819	23,697,864	-----	494,720
1950.....	6,627,657	1,733	6,864	168,449	793,945	5,593,291	-----	63,309
1951.....	5,356,639	1,545	6,974	104,525	852,202	4,254,101	4,003	73,284
1952.....	4,944,187	1,369	5,168	160,434	904,004	3,740,352	53,706	73,070
1953.....	4,354,220	1,334	4,739	163,000	1,019,750	2,869,309	215,970	80,116
1954.....	4,282,592	1,197	4,112	164,889	1,068,235	2,415,546	548,721	79,891
1955.....	4,483,137	1,106	3,697	152,663	1,180,270	2,136,819	914,048	85,532
1956.....	4,801,885	987	3,257	145,738	1,284,653	2,135,520	1,140,773	90,955
1957.....	4,884,606	866	2,839	137,279	1,350,246	2,058,869	1,231,661	102,742
1958.....	5,205,941	727	2,458	129,569	1,445,817	2,269,871	1,234,664	122,831
1959.....	5,343,711	715	3,428	130,155	1,564,935	2,353,718	1,151,882	138,873
1960.....	5,389,378	634	3,130	123,733	1,663,690	2,398,064	1,007,987	162,120
1961.....	5,567,631	548	2,740	113,160	1,870,473	2,447,084	956,360	170,253

<sup>1</sup> Includes undistributed and other expenditures.<sup>2</sup> Includes \$70,045,000 for the Revolutionary War and \$48,747,000 for the War of 1812.

Source: Veterans Administration.

# No. 356. EXPENDITURES FOR VETERANS BENEFITS BY VETERANS ADMINISTRATION AND PREDECESSOR ORGANIZATIONS: TOTAL AND 1948 TO 1961

[In millions of dollars. For years ending June 30. Includes data for all veterans, regardless of place of residence. See also *Historical Statistics, Colonial Times to 1967*, series Y 812-825]

YEAR	EXPENDITURES FROM GENERAL AND SPECIAL FUND APPROPRIATIONS AND TRUST, DEPOSIT, AND WORKING FUNDS							
	Total expenditures <sup>1</sup>	Compensation and pensions	Insurance and service-men's indemnities <sup>2</sup>	Education and training <sup>3</sup>	Vocational rehabilitation <sup>4</sup>	Unemployment and self-employment allowances	Loan guaranty	Direct loans
Total.....	\$ 124, 282	55, 686	16, 699	18, 856	2, 422	3, 805	1, 135	1, 749
To 1947.....	38, 009	19, 613	3, 623	2, 479	920	2, 473	80	-----
1948.....	7, 041	1, 821	6 077	2, 498	333	677	64	-----
1949.....	6, 988	1, 891	401	2, 704	335	510	40	-----
1950.....	9, 278	2, 000	3, 109	2, 596	272	138	59	-----
1951.....	5, 954	2, 036	607	1, 943	177	8	90	61
1952.....	5, 870	2, 106	1, 110	1, 325	98	(7)	78	87
1953.....	5, 014	2, 376	738	1, 668	58	<sup>5</sup> 1	66	93
1954.....	5, 075	2, 451	870	544	41	(0)	45	118
1955.....	5, 171	2, 634	724	665	41	(0)	29	125
1956.....	<sup>6</sup> 5, 402	2, 749	686	767	38	(6)	40	103
1957.....	<sup>6</sup> 5, 554	2, 829	697	776	31	(7)	60	130
1958.....	<sup>6</sup> 5, 948	3, 062	761	699	26	(7)	80	229
1959.....	<sup>6</sup> 6, 129	3, 226	796	574	22	(7)	121	204
1960.....	<sup>6</sup> 6, 215	3, 315	832	383	18	-----	122	313
1961.....	<sup>6</sup> 6, 636	3, 568	1, 069	237	12	-----	160	286

YEAR	EXPENDITURES FROM GENERAL AND SPECIAL FUND APPROPRIATIONS AND TRUST, DEPOSIT, AND WORKING FUNDS—Con.				EXPENDITURES FROM GENERAL AND SPECIAL FUND APPROPRIATIONS	
	Miscellaneous benefit payments <sup>10</sup>	Medical, hospital, and domiciliary services <sup>11</sup>	Hospital and domiciliary facilities <sup>12</sup>	Administration and other benefits <sup>13</sup>	Total	Transfers to insurance trust funds
Total.....	5, 465	12, 622	1, 281	4, 564	110, 327	4, 881
To 1947.....	4, 617	2, 484	351	1, 371	35, 926	3, 585
1948.....	40	520	17	393	6, 498	144
1949.....	41	374	124	367	6, 060	89
1950.....	41	592	152	810	6, 028	475
1951.....	63	594	104	271	5, 357	45
1952.....	53	663	113	230	4, 944	205
1953.....	64	663	88	201	4, 354	85
1954.....	52	713	51	192	4, 283	73
1955.....	51	697	33	173	4, 483	31
1956.....	56	760	27	177	4, 802	79
1957.....	59	768	36	169	4, 885	20
1958.....	63	824	33	171	5, 206	16
1959.....	81	881	45	179	5, 344	12
1960.....	89	913	58	175	5, 389	11
1961.....	96	978	51	177	5, 568	10

<sup>1</sup> Excludes transfers from appropriations to insurance trust funds from which the actual payments are made. Expenditures from VA Revolving Supply Fund also excluded to avoid duplication.

<sup>2</sup> Includes direct payments to beneficiaries from insurance appropriations, servicemen's indemnities, and benefits and dividends paid from insurance trust funds. Some noncash transactions, e.g., interest credited to dividends left on deposit also included.

<sup>3</sup> Includes education and training allowances under Public Laws 346 and 550, and war orphans educational assistance under Public Law 634.

<sup>4</sup> Includes subsistence allowances, tuition, supplies, and equipment of veterans training under Public Laws 16 and 894, and vocational rehabilitation allowances for World War I veterans.

<sup>5</sup> Total differs from supporting detail by the net of overpayments collected and written off as uncollectable under the readjustment benefits appropriation amounting to \$1,140,000 in 1956, \$647,000 in 1957, \$280,000 in 1958, \$54,000 in 1959, \$198,000 in 1960, and \$321,000 in 1961.

<sup>6</sup> Includes cumulative adjustment for prior years of \$295,650, 997.

<sup>7</sup> Less than \$500,000.

<sup>8</sup> Credit.

<sup>9</sup> Credit of less than \$500,000.

<sup>10</sup> Includes statutory burial allowances; automobiles and other conveyances for disabled veterans; homes for paraplegics; payments to participants in yellow fever experiments; military and naval family allowances of World War I veterans; marine and seamen's insurance in World War I; adjusted compensation (World War I bonus); withdrawals of the personal funds of patients held by VA as banker and funds due incompetent beneficiaries; soldiers' and sailors' civil relief; vocational rehabilitation revolving fund, and other miscellaneous expenditures.

<sup>11</sup> Estimated; includes expenditures for hospital and domiciliary care, outpatient medical and dental treatment, medical research, and grants to Republic of Philippines for medical care and treatment of veterans.

<sup>12</sup> Comprises construction and related costs which include expenditures from funds allotted under NRA of 1933, PWA Act of 1938, grants to Republic of Philippines for construction and equipping of a hospital, and amounts transferred to Dept. of Army, Corps of Engineers, for construction of hospitals.

<sup>13</sup> Includes expenses for vocational counseling, travel for certain programs, reporting allowances paid schools for certifying attendance of veteran trainees, private laws for relief, and all administrative salaries and expenses.

Source: Veterans Administration; *Annual Report of Administrator of Veterans Affairs*, and records.

## No. 357. ESTIMATED DISTRIBUTION OF SELECTED FEDERAL EXPENDITURES FOR VETERANS, BY STATES AND OTHER AREAS: 1961

(In thousands of dollars. For year ending June 30)

STATE OR OTHER AREA	Total expenditures <sup>1</sup>	Compensation and pensions	Insurance and indemnities	Vocational rehabilitation <sup>2</sup>	READJUSTMENT BENEFITS			Hospital and domiciliary facilities (construction and related costs)	Administration and other benefits
					Education and training <sup>3</sup>	Loan guaranty	Direct loans <sup>4</sup>		
<b>Total</b> .....	6,504,173	3,568,396	1,068,543	11,837	237,264	159,885	244,546	50,305	1,159,008
<b>United States</b> .....	6,371,941	3,480,903	1,049,575	11,415	228,521	159,885	239,612	50,250	1,147,400
Alabama.....	132,345	70,576	16,967	484	8,216	3,280	7,332	24,174	24,638
Alaska.....	3,914	1,722	610	4	81		859	712	10,591
Arizona.....	51,277	25,705	6,908	132	2,336		512	1,331	17,353
Arkansas.....	87,937	51,021	10,044	260	2,634	385	6,050	74	103,498
California.....	555,526	294,366	93,040	771	25,988	20,504	6,378	4,433	17,228
Colorado.....	75,841	37,108	10,715	273	3,918	3,077	3,351	107	12,598
Connecticut.....	71,855	41,148	14,707	91	2,418	688		16	2,956
Delaware.....	14,020	6,416	2,343	7	232	1,331	699	4,021	47,563
Dist. of Col.....	86,156	22,264	6,927	178	5,833	350		310	21,021
Florida.....	196,234	122,020	26,281	506	8,885	7,452	8,765	148	24,026
Georgia.....	133,756	70,646	19,191	174	8,732	2,118	8,654		1,751
Hawaii.....	11,203	6,283	2,570	41	538				3,020
Idaho.....	26,958	14,027	3,983	71	941	131	4,785	6,283	65,470
Illinois.....	315,814	151,702	63,907	423	8,430	11,027	8,382	120	18,718
Indiana.....	137,985	78,624	27,153	200	4,414	1,604	7,152	1,626	18,505
Iowa.....	99,168	52,947	16,524	127	3,523	432	5,425	860	20,522
Kansas.....	94,155	44,442	13,111	55	2,090	9,045	3,032	12	14,181
Kentucky.....	110,934	73,112	17,853	183	3,501	1,644	9,420	14	15,975
Louisiana.....	111,921	64,602	15,160	179	0,286	2,962	6,697	43	6,013
Maine.....	38,792	22,260	6,060	22	909	471	2,340		17,029
Maryland.....	89,137	47,043	16,752	82	1,276	3,290	2,548	3,095	31,986
Massachusetts.....	226,150	134,378	33,355	553	6,528	4,117	8,078	2,210	25,160
Michigan.....	243,057	129,021	45,327	392	7,704	18,178	7,147	6,990	702
Minnesota.....	134,009	74,689	21,190	180	4,015	1,530	6,368	301	6
Mississippi.....	90,431	45,860	10,707	141	2,772	469	10,094		2,501
Missouri.....	163,041	92,864	20,321	361	5,812	3,590	3,745		3,060
Montana.....	20,828	14,690	4,205	39	980	20	4,399		9,936
Nebraska.....	51,306	26,349	8,447	97	1,691	49	914		2,068
Nevada.....	9,139	4,353	1,583	10	195				
New Hampshire.....	20,808	13,425	4,096	40	606	260			
New Jersey.....	181,040	106,188	37,992	207	4,088	4,985		165	26,591
New Mexico.....	36,079	19,502	5,276	44	955	465	2,002	79	7,756
New York.....	534,055	303,750	98,586	993	15,186	4,117	1,407	736	109,051
North Carolina.....	145,329	79,660	22,681	319	4,705	547	12,278	221	24,790
North Dakota.....	22,565	10,350	3,550	47	1,595	55	3,543	5	3,420
Ohio.....	305,790	174,595	55,453	393	7,721	4,023	12,006	7,315	44,138
Oklahoma.....	100,943	61,777	14,829	144	4,316	898	7,424	54	11,431
Oregon.....	67,865	38,183	11,993	115	1,245	258	2,749	600	12,602
Pennsylvania.....	405,131	225,907	74,115	692	13,584	11,130	5,142	873	73,580
Rhode Island.....	32,511	19,816	5,925	67	1,105	412		24	5,142
South Carolina.....	72,239	41,464	11,391	126	3,978	1,029	6,764	19	7,390
South Dakota.....	33,444	13,823	4,204	41	1,642	88	3,672	500	9,457
Tennessee.....	143,658	76,204	20,243	268	4,947	835	6,950	3,341	30,008
Texas.....	354,890	194,629	64,944	783	13,856	20,280	12,080	1,193	67,864
Utah.....	33,901	14,287	4,802	44	2,260	291	4,576	0	7,526
Vermont.....	14,893	8,647	2,345	23	398	195	492	12	2,745
Virginia.....	123,279	66,691	21,340	219	2,568	619	9,406	510	20,833
Washington.....	109,020	58,688	17,393	257	5,797	1,597	4,180	82	21,070
West Virginia.....	85,203	49,108	12,789	265	2,280	75	5,402	192	14,915
Wisconsin.....	130,932	72,895	22,658	293	4,337	2,601	3,018	43	25,124
Wyoming.....	15,438	6,110	1,997	25	399		1,702	30	5,175
Puerto Rico.....	45,466	23,813	3,280	411	4,523		4,934	40	8,456
Outlying areas.....	1,041	796	221		24				
Foreign countries.....	85,725	62,884	15,467	11	4,196			15	3,152

<sup>1</sup> Includes \$4,389,000 not shown separately for housing for paraplegics. Excludes \$132,062,000 shown in table 356 for expenditures not distributed by State.<sup>2</sup> Includes subsistence allowances, tuition, and supplies and equipment of veterans training under Public Laws 16 and 804.<sup>3</sup> Includes education and training allowances under Public Laws 346 and 550 (\$220,971,000), and war orphans educational assistance under Public Law 634 (\$16,293,000).<sup>4</sup> Excludes interest paid to U.S. Treasury and miscellaneous expenses; therefore total differs from that shown in table 356 which includes these items.Source: Veterans Administration; *Annual Report of Administrator of Veterans Affairs*.

### No. 358. VETERANS COMPENSATION AND PENSION BENEFITS—NUMBER ON ROLLS AND AVERAGE PAYMENT RATE, BY PERIOD OF SERVICE: 1950 TO 1961

[As of June 30 or for years ending June 30. Number includes dependents of deceased veterans receiving benefits as well as living veterans receiving pensions, retirement pay, and disability benefits. Includes data for all veterans, regardless of place of residence. See also *Historical Statistics, Colonial Times to 1957*, series Y 820-827]

DESCRIPTION	VETERANS ON ROLLS						AVERAGE PAYMENT RATE (annual basis) <sup>1</sup>					
	1950	1957	1958	1959	1960	1961	1950	1957	1958	1959	1960	1961
All wars.....	3,026,361	3,659,467	3,734,903	3,850,069	3,959,737	4,173,921	\$669	\$776	\$825	\$832	\$836	\$844
Living.....	2,368,238	2,796,512	2,850,475	2,934,247	3,008,935	3,106,985	646	748	811	819	825	838
Deceased <sup>2</sup> .....	658,123	862,955	884,428	915,822	950,802	1,066,936	750	866	870	876	870	864
War with Mexico:												
Deceased.....	24	9	6	5	3	2	536	508	508	509	508	462
Indian Wars.....	2,320	1,269	949	843	728	649	682	707	700	803	794	786
Living.....	530	130	87	63	44	29	1,130	1,398	1,375	1,400	1,395	1,394
Deceased.....	1,799	1,139	862	780	684	620	548	628	632	754	755	758
Civil War.....	11,147	5,361	3,680	4,472	3,882	3,441	539	627	636	777	779	783
Living.....	15			1			1,392			1,020		
Deceased.....	11,132	5,361	3,680	4,471	3,882	3,441	538	627	636	776	779	783
Spanish-American War:												
Living.....	171,608	136,374	126,262	116,862	111,751	104,288	868	803	885	960	943	936
Living.....	91,994	50,513	44,483	38,977	33,373	28,939	1,106	1,278	1,283	1,288	1,201	1,304
Deceased.....	79,624	85,861	81,779	77,886	78,378	75,349	593	666	669	796	795	795
Regular Establishment.....	71,236	96,578	110,011	123,838	135,529	147,505	673	805	880	886	888	884
Living.....	53,765	73,826	83,891	95,036	103,480	113,124	631	654	721	716	708	703
Deceased.....	17,470	22,752	26,120	28,802	32,049	34,471	802	1,295	1,392	1,444	1,467	1,478
World War I.....	805,035	1,215,825	1,285,847	1,385,177	1,490,569	1,613,782	719	850	876	879	885	897
Living.....	520,925	817,882	870,378	944,226	1,025,730	1,122,892	777	925	963	969	976	986
Deceased.....	284,110	397,943	415,469	440,951	464,839	490,890	613	696	693	688	684	696
World War II.....	1,064,983	1,970,546	1,966,121	1,970,294	1,964,381	2,040,540	631	712	773	776	778	786
Living.....	1,701,019	1,656,622	1,647,056	1,645,946	1,633,451	1,626,295	581	645	716	721	723	733
Deceased.....	263,964	313,924	319,065	324,348	330,930	414,245	953	1,064	1,065	1,066	1,047	991
Korean conflict <sup>3</sup> .....		233,505	242,027	248,578	252,894	263,624		852	930	930	920	918
Living.....		197,639	204,580	209,998	212,867	215,706		777	868	870	867	859
Deceased.....		35,866	37,447	38,580	40,037	47,918		1,263	1,265	1,257	1,255	1,183

<sup>1</sup> Averages calculated by dividing total annual value of benefits, as of June 30, by number on rolls.

<sup>2</sup> Deceased veterans whose dependents were receiving compensation or pension benefits.

<sup>3</sup> Veterans with service during period June 27, 1950-Jan. 31, 1955.

Source: Veterans Administration; *Annual Report of Administrator of Veterans Affairs*.

### No. 359. VETERANS RECEIVING COMPENSATION FOR SERVICE-CONNECTED DISABILITIES: 1955, 1960, AND 1961

[As of June 30. Includes data for all veterans, regardless of place of residence]

PERIOD OF SERVICE	1955			1960			1961		
	Total	Totally disabled	Partially disabled	Total	Totally disabled	Partially disabled	Total	Totally disabled	Partially disabled
Total.....	2,076,026	123,517	1,952,509	2,026,821	110,429	1,916,392	1,999,531	107,814	1,891,717
Korean conflict.....	153,831	17,685	136,146	206,388	14,636	191,752	208,084	14,150	193,934
World War II.....	1,610,498	60,558	1,549,940	1,543,920	61,280	1,482,640	1,520,875	59,751	1,461,124
World War I.....	239,416	28,211	211,205	173,084	23,059	150,025	157,517	21,941	135,576
Spanish-American War.....	400	225	175	196	111	85	166	94	72
Regular Establishment.....	62,831	7,838	55,043	103,233	11,343	91,890	112,889	11,878	101,011

Source: Veterans Administration; *Annual Report of Administrator of Veterans Affairs*.

# No. 360. U.S. GOVERNMENT LIFE INSURANCE AND NATIONAL SERVICE LIFE INSURANCE POLICIES IN FORCE, BY PLAN: 1961

[Money figures in thousands of dollars. As of June 30. Includes data for all veterans, regardless of place of residence. Veterans Administration operates two insurance programs: (a) U.S. Government life insurance for veterans of World War I; and (b) national service life insurance for veterans of World War II and later. These two programs are segregated and administered separately in all particulars. See also *Historical Statistics, Colonial Times to 1957*, series Y 851-852]

PLAN	U.S. GOVERNMENT LIFE INSURANCE		NATIONAL SERVICE LIFE INSURANCE							
			Fund <sup>1</sup>		Appropriation <sup>2</sup>		Service-disabled veterans fund <sup>3</sup>		Veterans special life insurance <sup>4</sup>	
	Number	Amount	Number	Amount	Number	Amount	Number	Amount	Number	Amount
<b>Total</b> .....	304,668	1,348,599	5,197,999	34,022,903	6,765	36,945	46,594	407,738	658,853	5,842,933
5-year term.....	14,678	92,731	2,994,029	22,983,250	3,363	21,261	26,271	245,044	558,237	5,074,770
Ordinary life.....	108,881	554,173	477,661	2,925,133	1,132	5,968	6,610	55,582	29,338	244,209
20-payment life.....	143,442	529,651	969,298	4,303,060	1,168	4,790	5,781	44,361	22,082	150,516
30-payment life.....	21,643	112,765	410,439	2,232,190	464	2,204	4,776	39,546	26,762	213,020
20-year endowment.....	3,551	15,721	138,708	521,626	315	1,100	834	4,549	5,294	29,492
30-year endowment.....	3,014	14,367								
Endowment at age 60.....			92,350	508,763	171	832	850	6,729	7,820	58,906
Endowment at age 62.....	2,473	13,915								
Endowment at age 65.....			59,805	360,975	104	694	710	6,013	7,361	58,813
Extended insurance.....	3,726	7,270	52,717	182,952	43	189	755	5,907	1,945	13,144
Paid-up insurance.....	3,260	7,916	2,926	4,948	5	7	7	9	5	3

<sup>1</sup> Fund is administered as a trust fund for benefit of policyholders and their beneficiaries. All premiums collected on insurance issued and all interest earned thereon are paid into the fund; disbursements are made from the fund for death claims, dividends, and other benefits. Government, however, bears cost of administration of this fund in addition to expenses for certain types of losses.

<sup>2</sup> Nonparticipating insurance for disabled veterans for whom good health provisions are waived because of disabilities resulting from active service between October 8, 1940, and September 2, 1945.

<sup>3</sup> For veterans discharged on or after April 25, 1951, with service-connected disability which would be compensable if 10 percent or more in degree, but who are otherwise insurable.

<sup>4</sup> Veterans who are entitled to indemnity protection under the Servicemen's Indemnity Act of 1951 and who were separated from active service without a service-connected disability after Apr. 25, 1951, and before Jan. 1, 1957, were granted nonparticipating NSLI on the 5-year renewable nonconvertible term plan without medical examination. Effective Jan. 1, 1959, this insurance was made convertible to any one of the 6 permanent plans (ordinary life, 20-payment life, 30-payment life, 20-year endowment, endowment at age 60, and endowment at age 65) or exchangeable to 5-year limited convertible term. This latter plan is not renewable after age 50.

Source: Veterans Administration; *Annual Report of Administrator of Veterans Affairs*, and records.

# No. 361. FINANCIAL STATISTICS OF U.S. GOVERNMENT LIFE INSURANCE FUND AND NATIONAL SERVICE LIFE INSURANCE TRUST FUND: 1961

[In thousands of dollars. For year ending June 30. See also *Historical Statistics, Colonial Times to 1957*, series Y 853-854, for related but not comparable data]

ITEM	U.S. Government life insurance fund	National service life insurance trust fund	ITEM	U.S. Government life insurance fund	National service life insurance trust fund
<b>INCOME</b>			<b>DISBURSEMENTS—Con.</b>		
<b>Total</b> .....	84,479	836,399	Interest paid or credited.....	527	7,052
Premiums earned.....	18,795	526,578	Payments under optional income settlements.....	27,936	242,653
Interest.....	42,071	189,044	Adjustments in policy loans and receivables.....	2	23
Amounts left under optional income settlements.....	19,051	39,370	Excess of disbursements over income.....	59,531	37,359
Dividends left on deposit.....	3,772	73,134	Net decrease in policy reserves.....	9,846	258,410
Contributions from the U.S. Government.....	190	8,273	Net loss from operations.....	49,685	295,709
<b>DISBURSEMENTS</b>					
<b>Total</b> .....	144,010	875,758	<b>SURPLUS ACCOUNT</b>		
Death benefits.....	32,787	121,274	Unassigned surplus June 30, 1960.....	94,052	496,464
Disability benefits.....	11,311	11,087	Net loss from operations.....	49,685	295,709
Matured endowments.....	12,384	2,246	Unassigned surplus June 30, 1961.....	44,367	200,695
Cash surrenders.....	4,304	20,335			
Dividends to policyholders.....	52,818	426,467			
Dividend deposits withdrawn.....	1,941	42,621			

Source: Veterans Administration; *Annual Report of Administrator of Veterans Affairs*, and records.

### NO. 362. VETERANS ADMINISTRATION PATIENTS RESIDENT IN VA AND NON-VA HOSPITALS: 1955 TO 1960

[As of end of November, except as noted. Includes data for all veterans, regardless of place of residence. Based on sample of VA patient load in VA and non-VA hospitals]

PATIENTS' COMPENSATION AND PENSION STATUS <sup>1</sup>	1955	1957	1958	1959 <sup>2</sup>	1960 <sup>3</sup>
All patients.....	114, 876	113, 000	112, 920	113, 115	114, 360
Treated for SO disabilities (group 1).....	41, 028	39, 230	38, 515	37, 575	36, 545
Treated for NSC disabilities only but with compensable SO disabilities (group 2).....	9, 708	9, 770	9, 710	10, 305	10, 458
Treated for chronic NSC disabilities <sup>3</sup> (group 3).....	37, 792	38, 860	39, 250	38, 895	39, 310
Treated for presumed nonchronic NSC disabilities, <sup>4</sup> and—					
In receipt of, or filed for, VA pension (group 4).....	11, 492	12, 315	12, 555	12, 715	13, 740
Filed claim for VA compensation (group 5).....	1, 156	620	605	515	596
Filed no claim for VA compensation or pension (group 6).....	12, 204	11, 770	11, 925	12, 805	13, 386
Status unknown (group 7).....					
Nonveterans (group 8).....	536	435	360	305	324

<sup>1</sup> Groups are mutually exclusive. Patients who possess the characteristics of more than one group are included only in that group with the lowest group number. Abbreviations SC and NSC refer to "service-connected" and "non-service-connected," respectively.

<sup>2</sup> As of October 31.

<sup>3</sup> Includes veterans hospitalized for non-service-connected psychoses or tuberculosis, and those hospitalized for the treatment of other non-service-connected disabilities for 90 days or more.

<sup>4</sup> Includes veterans hospitalized for less than 90 days for non-service-connected other psychiatric, neurological, and general medical and surgical disabilities.

Source: Veterans Administration; *Annual Report of Administrator of Veterans Affairs*, and records.

### NO. 363. PATIENTS RECEIVING HOSPITAL OR DOMICILIARY CARE AUTHORIZED BY VETERANS ADMINISTRATION, AND OPERATING EXPENSES OF VETERANS ADMINISTRATION HOSPITALS: 1945 TO 1961

[For years ending June 30. Includes data for all veterans, regardless of place of residence. See also *Historical Statistics, Colonial Times to 1957*, series Y 838-850, for related data]

ITEM	1945	1950	1955	1957	1958	1959	1960	1961
Patients admitted to hospitals <sup>1</sup> .....	243, 994	577, 715	498, 187	510, 855	512, 754	521, 428	539, 243	565, 654
Tuberculosis.....	14, 050	18, 700	24, 562	23, 084	21, 358	20, 770	19, 877	19, 489
Neuropsychiatric.....	45, 654	48, 200	54, 235	58, 815	59, 283	61, 370	64, 927	70, 030
General.....	184, 290	510, 815	419, 390	428, 956	432, 113	439, 288	454, 439	476, 135
Patients receiving hospital care (average daily number) <sup>1</sup> .....	67, 787	108, 038	110, 733	114, 325	114, 581	114, 103	114, 356	114, 321
Tuberculosis.....	6, 752	14, 777	15, 551	13, 000	11, 644	10, 376	9, 342	8, 450
Neuropsychiatric.....	41, 961	55, 325	59, 473	62, 448	62, 801	62, 898	62, 967	63, 020
General.....	19, 074	37, 936	35, 709	38, 868	40, 046	40, 829	42, 047	42, 851
Veterans receiving domiciliary care (average daily number):								
Veterans Administration.....	9, 002	16, 870	16, 972	16, 908	16, 673	16, 840	16, 856	16, 812
State.....	4, 159	7, 437	8, 802	8, 938	9, 318	9, 078	9, 418	9, 385
Reimbursement per patient by Federal Government.....	\$300	\$500	\$667	\$700	\$700	\$700	\$700	\$913
Veterans receiving outpatient medical care.....1, 000.....	(2)	(2)	2, 267	2, 122	2, 148	2, 270	2, 427	2, 400
Operating expenses of VA hospitals <sup>2</sup> .....\$1,000.....	80, 324	412, 780	577, 021	638, 114	696, 491	732, 615	763, 008	822, 494
Per diem cost in VA hospitals <sup>4</sup> .....	\$3. 42	\$10. 90	\$14. 53	\$15. 45	\$16. 81	\$17. 82	\$18. 44	\$19. 93

<sup>1</sup> Includes VA beneficiaries cared for in Army, Navy, other Federal, and State and civil (contract) hospitals; includes nonveterans.

<sup>2</sup> Not available.

<sup>3</sup> Includes hospitals operated in connection with VA domiciliaries.

<sup>4</sup> Excludes hospitals operated for only part of year under unusual conditions.

Source: Veterans Administration; *Annual Report of Administrator of Veterans Affairs*, and records.

## NO. 364. VETERANS VOCATIONAL TRAINING AND EDUCATION: 1950 TO 1961

[As of November 30. Includes data for all veterans, regardless of place of residence, and for beneficiaries of deceased veterans]

STATUS	1950	1955	1957	1958	1959	1960	1961
<b>Vocational rehabilitation:</b>							
Entered training (cumulative).....	567,388	645,247	664,650	671,560	677,041	680,568	684,608
In training.....	110,906	25,458	16,213	13,367	10,200	6,364	5,619
Institutions of higher learning.....	28,652	9,904	7,331	5,645	3,919	2,402	1,778
Schools below college level.....	18,866	8,066	4,462	4,410	3,898	2,561	2,760
Institutional on-farm.....	37,976	2,693	1,268	910	617	321	267
On-the-job.....	25,412	4,705	3,152	2,402	1,766	1,080	814
<b>Education and training:</b>							
Entered training (cumulative).....	7,249,524	9,085,996	9,800,023	10,011,239	10,110,218	10,149,360	10,169,689
In training.....	1,759,021	784,428	703,876	588,365	410,369	251,710	142,586
Institutions of higher learning.....	580,597	450,880	446,348	380,271	271,343	171,720	101,125
Schools below college level.....	731,831	235,439	185,783	165,079	116,165	70,078	38,243
Institutional on-farm.....	292,335	30,690	31,884	23,545	13,695	5,790	1,713
On-the-job.....	154,253	61,419	39,861	19,470	9,166	4,122	1,505
<b>Orphans:</b>							
Entered training (cumulative).....			5,927	10,092	17,797	26,855	39,039
In training.....			4,469	6,119	9,121	14,336	19,330
Institutions of higher learning.....			4,093	5,565	7,574	11,724	16,085
Schools below college level.....			366	554	1,547	2,612	3,245

Source: Veterans Administration; *Annual Report of Administrator of Veterans Affairs*, and records.

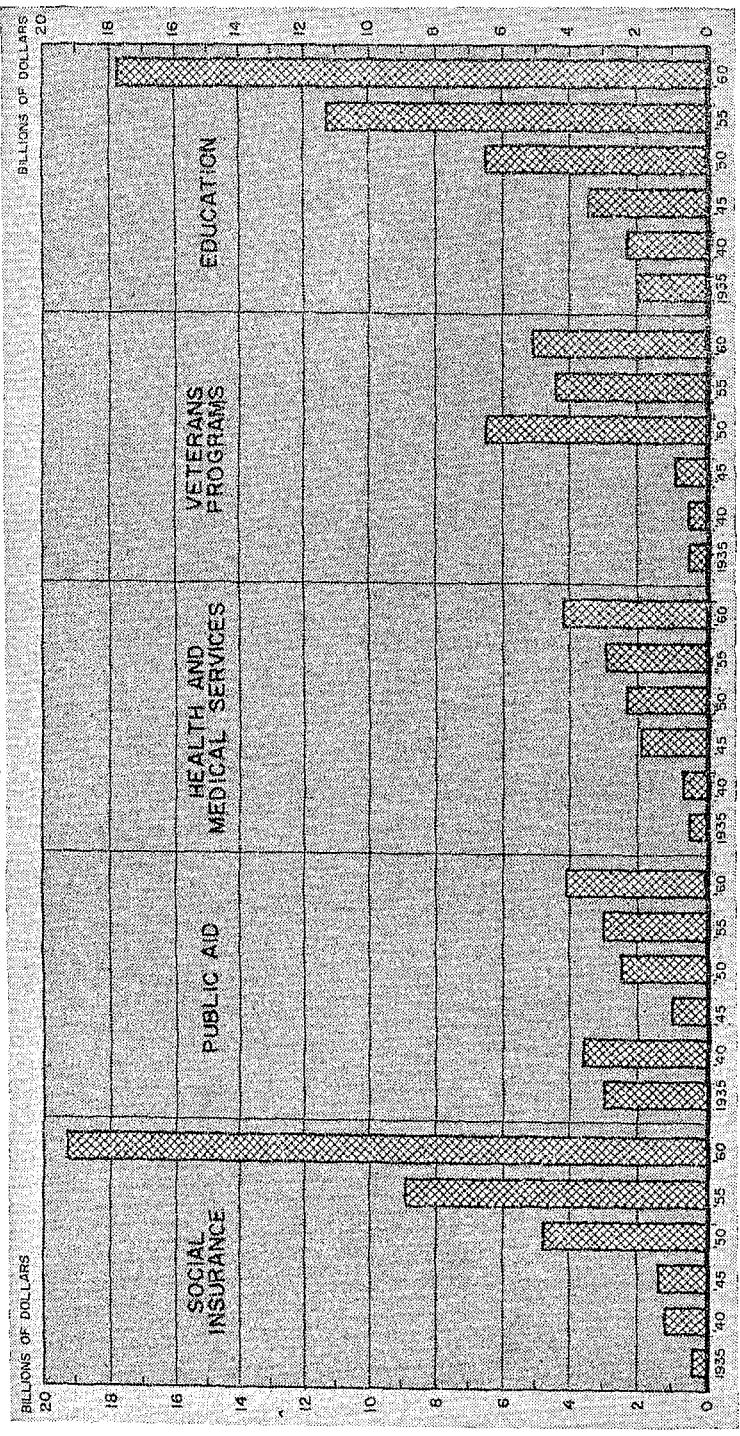
## NO. 365. VETERANS GUARANTEED AND INSURED LOANS—NUMBER AND AMOUNT OF LOANS CLOSED, BY TYPE OF LOAN: TOTAL AND 1951 TO 1961

[Money figures in thousands of dollars. Includes data for all veterans, regardless of place of residence]

YEAR	TOTAL			HOME		FARM		BUSINESS	
	Number	Amount of loans	Amount of guaranty and insurance	Number	Amount of loans	Number	Amount of loans	Number	Amount of loans
<b>Total, 1944 to 1961.....</b>	<b>6,017,517</b>	<b>51,998,848</b>	<b>27,942,425</b>	<b>5,799,007</b>	<b>51,049,553</b>	<b>71,555</b>	<b>284,069</b>	<b>236,955</b>	<b>665,226</b>
1951.....	493,494	3,713,228	2,145,144	447,373	3,614,479	3,630	16,020	42,491	82,729
1952.....	339,049	2,790,666	1,602,699	306,466	2,717,919	1,945	7,892	30,638	64,855
1953.....	335,977	3,100,827	1,788,973	322,053	3,060,917	1,451	6,264	12,473	33,640
1954.....	419,327	4,284,078	2,447,102	410,746	4,256,206	1,424	6,405	7,157	21,317
1955.....	657,276	7,185,710	4,031,376	640,412	7,154,236	1,866	9,895	5,998	21,660
1956.....	512,722	5,888,409	3,247,117	507,500	5,860,004	1,312	6,618	3,910	15,787
1957.....	310,414	3,774,808	2,030,828	306,437	3,737,970	821	3,715	3,156	13,123
1958.....	148,154	1,874,123	979,769	145,874	1,863,919	253	1,595	2,027	8,600
1959.....	215,122	2,796,560	1,455,689	213,253	2,788,113	194	1,241	1,045	7,196
1960.....	146,318	1,989,863	1,003,505	144,885	1,983,651	95	512	1,338	5,690
1961.....	135,689	1,840,863	929,036	134,515	1,835,056	57	387	1,117	5,420

Source: Veterans Administration; records.

FIG. XIV. SOCIAL WELFARE EXPENDITURES UNDER SELECTED PUBLIC PROGRAMS: 1935 TO 1960  
[See table 366]



Source: Chart prepared by Department of Commerce, Bureau of the Census. Data from Department of Health, Education, and Welfare, Social Security Administration.



## Section 10

### Social Insurance and Welfare Services

This section presents data related to governmental programs for old-age, survivors, and disability insurance, public and railroad employee retirement, unemployment and temporary disability insurance, aid to the needy, and maternal, child, and other welfare services. Also included here are selected data concerning private pension plans and financial data relating to corporate pension funds, the American Red Cross, the Community Chest, and philanthropic trusts and foundations.

There are several principal sources for these data. *Social Security Bulletin*, a monthly publication of the Department of Health, Education, and Welfare, presents current data on many of the programs and summarizes annual data in a statistical supplement published each year. A large volume of statistics flows from employers' wage reports submitted under the Social Security Act and used in accounting operations of the Bureau of Old-Age and Survivors Insurance. Detailed information on workers and beneficiaries and on establishments, employment, and payrolls covered by this Act is published in the Social Security Administration's *Handbook of Old-Age and Survivors Insurance Statistics*. Establishment data showing employment and payrolls, by industry, for counties, are also available in the cooperative report of the Bureau of the Census and the Social Security Administration, *County Business Patterns*. Current data on employment security activities are published monthly in the Department of Labor's *Labor Market and Employment Security* and its supplements. Data on retirement and other benefits for railroad workers are published by the Railroad Retirement Board in its *Monthly Review and Annual Report*.

**Social insurance under the Social Security Act.**—Social insurance programs established by the Social Security Act provide protection against wage loss resulting from old age, prolonged disability, death, or unemployment. Under old-age, survivors, and disability insurance, protection against wage loss due to old age, disability, or death is available to nearly all the gainfully employed (excluding chiefly self-employed doctors of medicine and most civilian employees of the Federal Government).

Old-age, survivors, and disability insurance provides monthly retirement benefits to fully insured workers at age 65 or over (or at age 62 if they elect to receive a reduced benefit) and supplementary benefits to their wives, if they are aged or have a child of the earner in their care, to aged dependent husbands, and to dependent children under age 18, or older if the child has a disability that began before 18. Monthly survivor benefits are payable to certain dependents of fully or currently insured workers. Monthly disability benefits are payable to fully insured workers (from July 1957 to October 1960, only those aged 50 to 64) with a prolonged disability that meets the definition in the Act, and to the dependents of these workers, on the same basis as dependents of retired workers. A lump-sum death payment is made in the case of all insured deaths.

Covered workers and their employers each pay contributions of 3½ percent on the worker's wages, not counting amounts above the first \$4,800 in a year. The rate is scheduled to rise by steps until it reaches 4½ percent each in 1969. Self-employed persons pay 1.5 times the employee rate. An amount equal to the contributions collected is appropriated for deposit in the old-age and survivors insurance trust fund, from which benefits and administrative costs are paid. One-fourth of 1 percent of the contributions collected from employees and from employers and ¾ of 1 percent of the

contributions from the self-employed are allocated to a separate disability trust fund, from which benefits to disabled workers and their dependents are paid.

Both unemployment insurance and the public employment (placement) service are administered through the Bureau of Employment Security of the Department of Labor and a State employment security agency in each State. Under agreements with the Secretary of Labor, the State agencies also administer unemployment compensation for eligible ex-servicemen and Federal employees.

State unemployment insurance laws pay benefits to unemployed covered workers who meet the qualifying conditions specified in the State law. In most States, a waiting period of 1 week must be served before payments begin. Benefits are payable for a maximum number of weeks, ranging from 20 to 39 weeks among the States; maximum weekly benefits without dependents' allowances range from \$30 to \$55 under the several State laws. In 12 States maximum allowances ranging from \$3 to \$25 for dependents raise the range of maximum augmented benefits to \$30 to \$70. In Puerto Rico, benefits are payable for a maximum of 12 weeks; the maximum weekly benefit is \$16.

Under the Federal Unemployment Tax Act, a 3.1-percent tax is levied on the payroll of employers of 4 or more workers in industries covered by the Act, although smaller employers are also covered by some State laws. Wages paid during 1962 and 1963 are taxed at 3.5 percent to provide Federal funds for benefits paid under the Temporary Extended Unemployment Compensation Act of 1961. Principal industries excluded from coverage are agriculture, State and local government, domestic service, nonprofit organizations, and railroads (see below). Employers subject to the Federal law are allowed a credit of 2.7 percent of taxable payrolls for contributions paid to State agencies under State unemployment insurance laws. The Federal Government, in 1962 and 1963, collects 0.8 percent, which is earmarked for employment security purposes. The Congress appropriates funds each year to cover administrative costs.

The standard rate of contributions payable by employers in most States is 2.7 percent of the first \$3,000 a year paid to an employee. Exceptions are Alaska (2.9 percent), New Jersey (2.8), North Dakota (4.2), Pennsylvania (4.0) and South Dakota (3.6). In Delaware, Hawaii, Massachusetts, Nevada, Oregon, Rhode Island, and West Virginia the rate applies to the first \$3,600; in California to the first \$3,800; and in Alaska to the first \$7,200. Contributions collected by States are deposited to State accounts in the Federal Unemployment Trust Fund, from which States withdraw amounts needed for benefit payments.

**Social insurance for railroad workers.**—The social insurance programs administered by the Railroad Retirement Board under the Railroad Retirement Act and Railroad Unemployment Insurance Act cover employees of railroads or companies and organizations affiliated with railroad transportation, including the Railway Express Agency and the Pullman Company.

The Railroad Retirement Act provides retirement annuities for aged and disabled workers and for wives of retired employees, and benefits to survivors of deceased workers. Credits of employees who die or retire with less than 10 years railroad service are transferred to the Social Security Administration for payment of old-age, survivors, and disability insurance benefits under the Social Security Act. Funds for the railroad retirement and survivor benefit system come primarily from a tax on earnings up to \$400 a month under the Railroad Retirement Tax Act. The tax, divided equally between employer and employee, is 14½ percent for 1962 to 1964; it will rise thereafter by the number of percentage points that old-age, survivors, and disability insurance tax rates (for employers and employees combined) exceed 5½ percent.

The Railroad Unemployment Insurance Act provides benefits for unemployment and sickness, including maternity. The unemployment insurance program is financed entirely by contributions from covered employers, paid directly to the Board. The contribution rate for 1962 and 1963 (1961 Temporary Railroad Unemployment Insurance Benefits Act) is 4 percent (applicable to earnings not in excess of \$400 a month).

**Social insurance for Federal Government employees.**—One contributory retirement system for Federal civilian employees and two noncontributory systems for special classes of employees are administered by the Civil Service Commission. In addition, there are separate retirement systems in operation for the uniformed services (supplementing old-age, survivors, and disability insurance under which they are covered on a contributory basis) and for special classes of Federal employees.

The Civil Service Retirement Act provides for age, optional, disability, and discontinued service annuities for employees in the executive, judicial, and legislative branches of the U.S. Government and in the District of Columbia government if not subject to another retirement system or excluded by statute or by administrative order. It also provides annuities for the widows and minor children of deceased employees, and under certain conditions to the survivors of deceased annuitants. The employee contribution rate is 6½ percent, computed on base pay. Employing agencies pay into the Retirement Fund amounts equal to employee contributions.

**Workmen's compensation.**—All States have programs providing protection against work-connected injuries and deaths. Federal workmen's compensation laws cover Federal Government employees, private employees in the District of Columbia, and longshoremen and harbor workers. Most State workmen's compensation laws exempt such employments as agriculture, domestic service, and casual labor; the majority exempt employers who have fewer than a specified number of employees. Occupational diseases, or at least specified diseases, are compensable under most laws.

In most States total payments to injured workers or to survivor families are limited as to time, amount, or both. All compensation acts require that medical aid be furnished to injured employees; in about one-fourth of the laws there are either duration or cost limitations—or both—on the amount of medical benefits provided.

**Public assistance.**—Public assistance is provided through six programs, all administered by the States and localities. Payments to four groups of needy persons—the aged, the blind, the permanently and totally disabled, and children whose need arises from certain causes—are financed in part from Federal funds granted to States under the Social Security Act. The States may also receive grants for medical assistance to the aged who are not recipients of old-age assistance, and who cannot take care of their medical bills themselves. The Federal aspects of these programs are the responsibility of the Bureau of Family Services of the Social Security Administration. Aid to other needy persons is furnished for the most part through general assistance, toward which the Federal Government makes no contribution.

To receive a Federal grant for assistance payments and administrative expenses under any Social Security Act program a State must have a plan approved as meeting the requirements of the Act. Each State establishes the conditions under which needy people may receive assistance and determines how much they shall receive.

**Health and welfare services.**—Programs providing health and welfare services are aided through Federal grants to States for maternal and child-health services, services for crippled children, child-welfare services, vocational rehabilitation, and public health services (including water-pollution control, hospital survey and construction, and control of specific diseases). The Children's Bureau, a part of the Social Security Administration, administers the first three of these programs; the others are administered by the Office of Vocational Rehabilitation and the Public Health Service; all are units of the Department of Health, Education, and Welfare.

**Alaska and Hawaii.**—For a general statement concerning the treatment of data for Alaska and Hawaii, see preface. "Conterminous area" refers to the United States excluding Alaska, Hawaii, and outlying areas.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics, Colonial Times to 1957*, series H 1-45") provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

## No. 366. SOCIAL WELFARE EXPENDITURES UNDER PUBLIC PROGRAMS: 1935 TO 1960

[In millions of dollars. For Federal Government, most States, and some localities, years ending June 30; for other States and localities, various 12-month periods ending within year. All programs except workmen's compensation include some payments and expenditures for Alaska, Hawaii, and outlying areas. Beginning 1960, all programs include data for Alaska and Hawaii. Represents expenditures under public law and from trust accounts. Includes administrative expenditures and capital outlay for hospitals, public elementary and secondary schools, and publicly controlled higher education. See also *Historical Statistics, Colonial Times to 1957*, series II 1-45, for data covering civilian programs only. Corrected to November 1961]

YEAR AND SOURCE OF FUNDS	Total	Social insurance <sup>1</sup>	Public aid	Health and medical services <sup>2</sup>	Other welfare serv- ices <sup>3</sup>	Veter- ans pro- grams <sup>4</sup>	Educa- tion	Public housing	TOTAL AS PERCENT OF—	
									Gross national product	Govern- ment expend- itures for all purposes <sup>1</sup>
<b>TOTAL</b>										
1935.....	6,487	384	2,008	537	130	450	1,980	-----	9.4	40.2
1940.....	8,482	1,216	3,599	697	114	535	2,316	4	8.8	46.0
1945.....	9,909	1,388	1,030	1,937	195	890	3,457	11	4.2	8.3
1950.....	23,064	4,911	2,406	2,344	402	6,381	6,508	12	8.7	36.3
1955.....	32,128	9,878	3,003	2,914	580	4,369	11,294	89	8.5	31.7
1956.....	34,602	10,640	3,115	3,035	698	4,619	12,385	111	8.4	32.5
1957.....	38,740	12,464	3,308	3,402	783	4,691	13,972	120	8.9	33.1
1958.....	44,799	15,961	3,615	3,726	907	5,000	15,449	134	10.2	36.4
1959.....	49,196	18,268	3,998	4,052	1,020	5,094	16,608	166	10.5	35.7
1960.....	61,876	19,326	4,101	4,232	1,161	5,091	17,788	177	10.5	37.0
<b>FEDERAL</b>										
1935.....	3,013	99	2,374	60	2	450	29	-----	4.4	47.8
1940.....	3,290	350	2,245	99	10	535	47	4	3.4	36.1
1945.....	3,460	729	1,242	420	87	890	81	11	1.6	3.6
1950.....	10,028	2,060	1,103	661	167	5,919	107	12	3.8	24.3
1955.....	13,869	6,429	1,504	965	244	4,308	375	74	3.7	20.2
1956.....	15,352	7,528	1,555	977	320	4,530	352	91	3.7	21.5
1957.....	17,270	8,918	1,690	1,162	374	4,652	374	101	4.0	22.0
1958.....	19,725	10,865	1,835	1,268	344	4,885	417	110	4.5	24.5
1959.....	22,601	13,028	2,082	1,435	383	5,033	513	128	4.8	24.6
1960.....	23,978	14,292	2,117	1,414	410	4,979	622	144	4.8	26.1
<b>STATE AND LOCAL</b>										
1935.....	3,474	285	624	477	137	-----	1,951	-----	5.1	50.6
1940.....	5,191	866	1,353	598	104	-----	2,269	-----	5.4	56.1
1945.....	6,448	659	610	695	108	-----	3,376	-----	2.6	64.0
1950.....	13,026	2,852	1,393	1,683	235	462	6,401	-----	4.9	60.3
1955.....	18,229	3,450	1,499	1,949	336	62	10,920	15	4.8	57.8
1956.....	19,250	3,112	1,559	2,058	378	80	12,033	20	4.7	56.6
1957.....	21,470	3,546	1,618	2,241	409	39	13,598	19	5.0	57.7
1958.....	26,074	5,096	1,780	2,457	563	121	15,032	24	5.7	60.7
1959.....	26,594	5,240	1,916	2,618	637	61	16,005	28	5.7	59.7
1960.....	27,897	5,033	1,984	2,818	751	112	17,166	33	5.6	59.3

<sup>1</sup> Although total social welfare and social insurance expenditures include non-Federal workmen's compensation benefits payable under law by employers and private insurance carriers, such expenditures and that part of temporary disability insurance payments made through private carriers have been omitted in computing percentages relating to all government expenditures.

<sup>2</sup> Includes hospital construction and medical research; excludes health and medical expenditures under veterans programs, public education, public aid, workmen's compensation, and vocational rehabilitation (such expenditures have been included in the total expenditures for these programs), and medical expenditures provided subordinate to the performance of other functions.

<sup>3</sup> Represents vocational rehabilitation, child welfare services, school lunch program, and institutional care.

<sup>4</sup> Excludes Federal bonus payments, appropriations to Government life insurance trust fund, and accounts of several small revolving funds. State and local data represent State expenditures for bonus and other payments and services for veterans; local data not available.

Source: Department of Health, Education, and Welfare, Social Security Administration; *Social Security Bulletin*, November 1961.

# No. 367. SOCIAL WELFARE EXPENDITURES UNDER PUBLIC PROGRAMS, BY SOURCE OF FUNDS AND PROGRAM: 1959 AND 1960

[In millions of dollars. See headnote, table 366. See also *Historical Statistics, Colonial Times to 1967*, series H 1-45, for data covering civilian programs only]

PROGRAM	1959			1960		
	Total	Federal	State and local	Total	Federal	State and local
<b>Total</b> .....	<b>49,196</b>	<b>22,601</b>	<b>26,594</b>	<b>51,876</b>	<b>23,978</b>	<b>27,897</b>
Social insurance.....	18,268	13,028	5,240	19,326	14,292	5,033
Old-age, survivors, and disability insurance.....	9,616	9,616	—	11,032	11,032	—
Railroad retirement.....	778	778	—	925	925	—
Public employee retirement <sup>1</sup> .....	2,342	1,378	965	2,570	1,520	1,050
Unemployment insurance and employment service <sup>2</sup> .....	3,718	928	2,790	2,824	468	2,356
Railroad unemployment insurance.....	200	200	—	215	215	—
Railroad temporary disability insurance.....	57	57	—	69	69	—
State temporary disability insurance, total <sup>3</sup> .....	328	—	328	344	—	344
Hospital and medical benefits.....	38	—	38	40	—	40
Workmen's compensation, total.....	1,229	72	4,156	1,346	63	4,123
Hospitalization and medical benefits.....	395	8	387	430	9	421
Public aid.....	3,998	2,082	1,916	4,101	2,117	1,984
Public assistance <sup>4</sup> .....	3,891	1,975	1,916	4,041	2,058	1,984
Vendor medical payments.....	410	151	259	492	200	293
Other <sup>5</sup> .....	107	107	—	59	59	—
Health and medical programs <sup>7</sup> .....	4,052	1,435	2,618	4,232	1,414	2,818
Hospital and medical care.....	2,652	846	1,806	2,812	748	2,065
Civilian programs.....	1,907	101	1,806	2,174	109	2,065
Defense Department and Medicare.....	745	745	—	639	639	—
Maternal and child health services.....	133	33	100	139	33	106
Medical research.....	287	271	16	375	352	23
Other public health activities <sup>8</sup> .....	410	77	342	406	58	348
Medical facilities construction.....	560	206	354	499	223	276
Defense Department.....	34	34	—	31	31	—
Other.....	526	172	354	468	192	276
Other welfare services.....	1,020	383	637	1,161	410	751
Vocational rehabilitation, total.....	90	57	33	101	64	36
Medical rehabilitation.....	17	10	6	18	11	6
Institutional and other care <sup>9</sup> .....	378	38	340	450	26	424
School lunch <sup>10</sup> .....	366	276	90	399	307	93
Child welfare.....	186	12	174	211	13	198
Veterans programs <sup>12</sup> .....	5,094	5,033	61	5,091	4,979	112
Pensions and compensation <sup>13</sup> .....	3,326	3,326	—	3,428	3,428	—
Health and medical services.....	895	895	—	942	942	—
Hospital and medical care.....	836	836	—	867	867	—
Hospital construction.....	46	46	—	58	58	—
Medical research.....	13	13	—	17	17	—
Education.....	603	603	—	405	405	—
Welfare and other <sup>14</sup> .....	271	210	61	319	207	112
Education.....	16,608	513	16,095	17,788	622	17,166
Elementary and secondary, total.....	14,603	340	14,264	15,588	396	15,192
Construction.....	2,981	81	2,900	2,864	75	2,789
Higher education and other, total.....	2,005	164	1,841	2,200	227	1,974
Construction.....	500	1	498	530	1	533
Public housing.....	166	128	28	177	144	33

<sup>1</sup> Excludes refunds of contributions to those leaving service. Federal expenditures include retirement pay of military personnel.

<sup>2</sup> Includes unemployment compensation for Federal employees, for ex-servicemen (under Act of 1944), and for veterans (under Act of 1952).

<sup>3</sup> Programs operate in 4 States only.

<sup>4</sup> Payments by private insurance carriers, State funds, and self-insurers.

<sup>5</sup> Old-age assistance; aid to dependent children, the blind, and the permanently and totally disabled; and, from State and local funds, general assistance.

<sup>6</sup> Emergency aid programs and value of surplus food distributed to needy families.

<sup>7</sup> Excludes expenditures for: Domiciliary care in institutions other than mental or tuberculosis; health and medical service included in other programs; international health activities; and medical programs of Federal agencies.

<sup>8</sup> Includes expenditures for medical equipment and supplies for civil defense, and administrative costs, but not expenditures for water supply and sanitation services.

<sup>9</sup> Expenditures for homes for dependent or neglected children and for adults other than veterans; and value of surplus food for nonprofit institutions.

<sup>10</sup> Cash apportionment, and value of commodities purchased and distributed under National School Lunch Act and other agricultural programs.

<sup>11</sup> Includes payments for foster care and professional and facilitating services; excludes expenditures of public institutions and day-care centers, capital expenditures by courts and youth authorities, payments from parents and relatives, and direct appropriations by legislatures to voluntary agencies and institutions.

<sup>12</sup> Federal expenditures exclude bonus payments and expenditures from veterans' life insurance trust funds; State and local expenditures refer to State bonds and other payments and services.

<sup>13</sup> Includes burial awards and subsistence payments to disabled veterans undergoing training.

<sup>14</sup> Includes vocational rehabilitation, specially adapted homes and automobiles for disabled veterans, counseling, beneficiaries' travel, loan guarantees, and domiciliary care.

Source: Department of Health, Education, and Welfare, Social Security Administration; *Social Security Bulletin*, November 1961.

### No. 368. SOCIAL WELFARE EXPENDITURES PER CAPITA UNDER PUBLIC PROGRAMS, ACTUAL AND 1960 PRICES: 1935 TO 1960

[For years ending June 30. Per capita figures based on total population of the United States as of end of December, including Armed Forces abroad and civilian population of Alaska, Hawaii, and outlying areas of the U.S. See headnote, table 366. Corrected to November 1961]

YEAR	PER CAPITA							IN 1960 PRICES	
	Total <sup>1</sup>	Social insurance	Public aid	Health and medical services	Other welfare services	Veterans programs	Educational	Total (millions)	Per capita
1935.....	\$50.22	\$2.97	\$23.22	\$4.16	\$1.08	\$3.45	\$15.33	\$14,040	\$108.75
1940.....	63.28	9.08	20.86	5.20	1.85	3.95	17.20	17,836	133.14
1945.....	62.77	9.78	7.27	13.66	1.35	6.24	24.37	14,695	103.60
1950.....	150.10	32.01	10.28	15.29	2.62	41.39	42.44	28,509	186.30
1955.....	192.05	59.04	18.00	17.46	3.48	25.85	67.69	35,152	210.67
1956.....	203.26	62.48	18.35	17.88	4.11	26.84	72.95	37,720	222.19
1957.....	223.60	71.90	19.15	19.69	4.53	26.78	80.86	41,053	237.59
1958.....	254.20	90.53	20.57	21.20	5.16	28.09	87.89	45,925	261.28
1959.....	274.45	101.85	22.36	22.67	5.71	28.11	92.89	49,780	278.43
1960.....	294.53	105.89	22.55	23.27	6.39	27.63	97.82	51,738	284.53
Percent change, 1935 to 1960:									
Actual expenditures.....	+467	+3,465	-3	+459	+492	+701	+538	+608	+467
Expenditures in 1960 prices.....	+162	+1,547	-55	+158	+173	+270	+195	+269	+162

<sup>1</sup> Includes public housing.

Source: Department of Health, Education, and Welfare, Social Security Administration; *Social Security Bulletin*, November 1961, and records.

### No. 369. FEDERAL GRANTS TO STATE AND LOCAL GOVERNMENTS, BY PURPOSE: 1935 TO 1961

[In millions of dollars, except per capita. Includes Alaska, Hawaii, Puerto Rico, and Virgin Islands; see table 370. On basis of checks issued for years ending June 30. Does not represent programs for all years; starts with all existing programs in 1935, adds new programs as instituted, and drops programs as terminated]

YEAR	TOTAL		SOCIAL SECURITY AND RELATED PURPOSES					Education <sup>6</sup>	Highway construction <sup>7</sup>	All other
	Amount	Per capita <sup>1</sup>	Total	Public assistance <sup>2</sup>	Employment security administration <sup>3</sup>	Health services <sup>4</sup>	Other welfare services <sup>5</sup>			
1935.....	2,197	\$17.26	3	---	1	---	2	21	275	1,898
1940.....	967	7.20	480	271	120	22	68	44	165	278
1945.....	917	6.76	596	410	34	79	74	96	87	137
1950.....	2,208	14.33	1,645	1,123	215	124	184	70	420	64
1951.....	2,250	14.40	1,707	1,186	176	174	172	80	400	62
1952.....	2,327	14.66	1,695	1,178	183	187	147	144	420	68
1953.....	2,757	17.10	1,901	1,330	198	173	201	247	517	92
1954.....	2,956	18.02	2,056	1,438	200	140	308	235	538	96
1955.....	3,094	18.49	2,104	1,427	189	119	360	278	597	115
1956.....	3,438	20.19	2,337	1,455	260	133	488	252	740	109
1957.....	3,033	22.68	2,565	1,556	320	163	526	254	955	159
1958.....	4,792	27.61	2,801	1,705	324	193	480	284	1,519	189
1959.....	6,314	35.75	3,108	1,966	297	247	597	351	2,614	240
1960.....	6,837	38.08	3,207	2,059	317	255	576	418	2,942	270
1961.....	6,920	37.90	3,532	2,167	359	284	723	436	2,623	329

<sup>1</sup> Based on estimates of total population, excluding Armed Forces abroad, as of July 1.

<sup>2</sup> Old-age assistance, medical assistance for the aged, aid to dependent children, aid to blind, and aid to permanently and totally disabled.

<sup>3</sup> Administration of unemployment insurance service, employment service, and veterans' unemployment allowances, and (not primarily for administration) distribution of certain tax collections to State accounts in unemployment trust fund.

<sup>4</sup> Maternal and child health services, services for crippled children, and other public health programs.

<sup>5</sup> Vocational rehabilitation and State and territorial homes for disabled soldiers and sailors; child welfare services, national school lunch program, and others.

<sup>6</sup> Colleges of agriculture and mechanic arts, agricultural extension work, vocational education, education of the blind, emergency Office of Education grants, maintenance and operation of schools, school survey and construction, defense educational activities, library services, training for education of mentally retarded, and others.

<sup>7</sup> Federal-aid highways, including regular and emergency, prewar and postwar, and trust fund activities, restoration of roads and bridges, flood relief, secondary and feeder roads, grade crossing elimination, public land highways, and others.

Source: Department of Health, Education, and Welfare, Social Security Administration; *Social Security Bulletin*. (Based on *Annual Report of the Secretary of the Treasury*.)

# No. 370. FEDERAL GRANTS TO STATE AND LOCAL GOVERNMENTS, BY PURPOSE, BY STATES AND OTHER AREAS: 1961

[In millions of dollars. For year ending June 30. See headnote and footnotes, table 369]

STATE OR OTHER AREA	Total	SOCIAL SECURITY AND RELATED PURPOSES					Educa- tion	High- way con- struction	All other
		Total	Public assist- ance	Employ- ment security admin- istration	Health serv- ices	Other welfare serv- ices			
<b>Total</b> <sup>1</sup> .....	6, 920	3, 532	2, 167	359	284	723	436	2, 623	329
Alabama.....	170	97	62	4	8	22	10	60	4
Alaska.....	31	7	2	1	3	1	7	13	2
Arizona.....	73	29	17	4	3	5	7	34	3
Arkansas.....	99	59	35	3	6	15	5	31	2
California.....	624	333	242	42	13	35	57	215	20
Colorado.....	94	53	40	3	3	6	7	32	3
Connecticut.....	85	31	16	6	2	2	5	36	13
Delaware.....	15	6	2	1	1	2	1	6	2
District of Columbia.....	37	19	9	3	2	5	12	17	1
Florida.....	175	86	58	7	7	14	9	74	7
Georgia.....	183	106	68	5	9	25	12	57	8
Hawaii.....	29	10	3	1	3	3	10	4	4
Idaho.....	40	13	8	2	2	2	3	23	2
Illinois.....	353	152	97	16	10	30	11	169	21
Indiana.....	141	49	26	6	5	12	5	83	4
Iowa.....	98	50	33	3	4	9	4	40	5
Kansas.....	92	40	27	3	4	6	8	40	3
Kentucky.....	135	82	48	4	7	22	5	43	5
Louisiana.....	199	138	107	4	6	20	4	53	5
Maine.....	42	20	14	2	2	3	4	16	2
Maryland.....	92	40	19	6	5	11	16	33	3
Massachusetts.....	172	111	75	13	6	17	10	44	7
Michigan.....	245	120	66	16	8	31	10	102	12
Minnesota.....	142	63	40	5	6	12	5	66	8
Mississippi.....	120	71	41	4	7	19	6	40	4
Missouri.....	197	118	89	6	7	16	7	62	10
Montana.....	40	12	6	2	2	2	4	31	2
Nebraska.....	70	21	13	2	3	4	5	40	3
Nevada.....	22	6	3	1	1	1	2	12	2
New Hampshire.....	30	9	5	1	2	2	2	17	2
New Jersey.....	132	68	31	13	4	19	8	49	7
New Mexico.....	68	28	15	2	3	4	10	29	2
New York.....	461	267	142	53	16	57	15	159	20
North Carolina.....	146	91	53	6	13	20	10	40	5
North Dakota.....	42	13	8	1	2	2	2	24	2
Ohio.....	305	140	87	16	11	26	13	135	17
Oklahoma.....	167	106	83	5	4	13	12	36	13
Oregon.....	78	30	19	4	3	4	3	40	5
Pennsylvania.....	311	183	93	27	15	48	12	85	29
Rhode Island.....	34	18	9	3	1	3	3	12	2
South Carolina.....	89	41	22	3	6	10	7	39	2
South Dakota.....	49	14	9	1	1	3	4	30	1
Tennessee.....	169	79	44	4	10	22	7	70	14
Texas.....	360	184	124	14	14	32	21	142	12
Utah.....	50	19	10	3	2	3	3	26	2
Vermont.....	28	9	6	1	2	1	1	17	1
Virginia.....	132	48	20	3	8	16	20	57	7
Washington.....	113	63	45	7	4	8	11	36	3
West Virginia.....	91	55	30	3	6	16	3	32	2
Wisconsin.....	107	55	32	5	6	12	5	42	5
Wyoming.....	34	6	3	1	1	1	2	26	1
Puerto Rico.....	50	38	9	2	5	23	3	5	3
Virgin Islands.....	2	1	(2)	(2)	(2)	(2)	(2)	-----	-----

<sup>1</sup> Includes small amount of advances and undistributed, and grants under a few programs to American Samoa, Canal Zone, Guam, Trust Territory of the Pacific and other areas.

<sup>2</sup> Less than \$500,000.

Source: Department of Health, Education, and Welfare, Social Security Administration; *Social Security Bulletin*. (Based on *Annual Report of the Secretary of the Treasury*.)

# NO. 371. SOCIAL INSURANCE AND RELATED PROGRAMS—BENEFICIARIES AND BENEFITS, BY RISK AND PROGRAM: 1940 TO 1960

[Partly estimated. Includes some beneficiaries and benefit payments in Alaska and Hawaii and in outlying areas for some programs (not including workmen's compensation, State and local government retirement, and State temporary disability insurance programs). See also *Historical Statistics, Colonial Times to 1957*, series II 69-114, Corrected to August 1961]

RISK AND PROGRAM	BENEFICIARIES <sup>1</sup> (1,000)				AMOUNT OF BENEFITS (\$1,000,000)			
	1940	1950	1955	1960	1940	1950	1955	1960
<b>Total</b> .....					<b>1,540</b>	<b>6,322</b>	<b>12,166</b>	<b>22,640</b>
<b>Retirement <sup>2</sup></b> .....					<b>331</b>	<b>1,423</b>	<b>5,157</b>	<b>10,750</b>
Old-age, survivors, and disability insurance.....	77	1,918	5,443	10,310	17	651	3,748	8,196
Railroad retirement.....	102	175	329	444	83	177	336	504
Public employee retirement <sup>3</sup> .....	194	406	606	972	206	537	998	1,916
Federal civil-service.....	47	111	165	263	49	135	260	547
Other Federal employee <sup>4</sup> .....	33	73	105	179	54	152	278	529
State and local government.....	113	222	335	530	103	250	460	840
Veterans' program <sup>5</sup> .....	34		60	33	24	58	76	43
<b>Disability <sup>2</sup></b> .....					<b>477</b>	<b>2,442</b>	<b>3,184</b>	<b>4,907</b>
Old-age, survivors, and disability insurance.....				543				568
Railroad retirement.....	30	79	87	97	31	77	103	147
Public employee retirement <sup>3</sup> .....	30	131	180	247	23	213	335	492
Federal civil-service.....	16	43	61	102	13	41	71	152
Other Federal employee <sup>4</sup> .....	4	56	86	90	10	149	209	244
State and local government.....	14	32	42	55	10	24	55	95
Veterans' program <sup>5</sup> .....	576	2,314	2,609	2,976	294	1,674	1,982	2,530
Workmen's compensation.....					129	380	520	800
State temporary disability insurance <sup>7</sup> .....		55	97	121		80	103	314
Railroad temporary disability insurance <sup>8</sup> .....		31	32	30		28	52	57
<b>Survivor:</b> .....								
Monthly benefits.....					162	902	2,068	3,692
Old-age, survivors, and disability insurance.....	36	1,094	2,067	3,446	6	277	1,108	2,816
Railroad retirement.....	5	136	197	251	1	44	122	201
Public employee retirement <sup>9</sup> .....	25	58	123	216	16	34	81	180
Federal civil-service.....		18	71	150		8	39	105
Other Federal employee <sup>4</sup> .....			2	4			2	5
State and local government.....	25	40	50	92	16	26	40	70
Veterans' program <sup>5</sup> .....	323	992	1,153	1,262	106	492	688	864
Workmen's compensation <sup>10</sup> .....	(11)	(11)	(11)	(11)	32	55	70	100
<b>Lump-sum payments:</b> .....								
Old-age, survivors, and disability insurance.....	5	17	47	65	12	33	113	164
Railroad retirement.....	1	3	2	2	2	13	16	20
Public employee retirement.....					18	29	50	73
Federal civil-service.....	1	1	1	1	6	8	9	12
Other Federal employee.....	(12)	(12)	(12)	(12)	(12)	(12)	1	1
State and local government.....	(11)	1	1	2	12	20	40	60
Veterans' program <sup>5</sup> .....	(11)	7	9	13	4	13	17	40
<b>Unemployment:</b> .....								
State unemployment insurance <sup>13</sup> .....	982	1,305	1,100	1,723	535	1,468	1,560	3,025
Railroad unemployment insurance.....	42	77	63	70	519	1,373	1,379	2,867
Veterans' unemployment allowances <sup>14</sup> .....		32	72	2		60	93	158

<sup>1</sup> For old-age, survivors, and disability insurance and the railroad retirement program, average monthly number; public employee retirement systems and the veterans' programs, number on rolls June 30; State unemployment and temporary disability insurance and veterans' unemployment allowances, average weekly number; railroad unemployment and temporary disability insurance, average number during 14-day registration period.

<sup>2</sup> Includes benefits to dependents (spouses and children) where applicable.

<sup>3</sup> Excludes refunds of contributions to employees who leave service.

<sup>4</sup> Retirement data include a significant amount and number of disability payments for 1940 and a small but unknown amount and number of disability and survivor payments for 1950.

<sup>5</sup> Retirement data are for veterans of the Civil War, Indian Wars, Spanish-American War, Boxer Rebellion, and Philippine Insurrection; except for 1940, include all service pensions. Disability data represent pensions and compensation, and subsistence payments to disabled veterans undergoing training. Lump sums are for burial of deceased veterans.

<sup>6</sup> Excludes payments for medical care.

<sup>7</sup> Payable in Calif., N.J., N.Y., and R.I. Includes maternity data for R.I. and private-plan beneficiaries in Calif. and N.Y.; data for beneficiaries in N.J. not available.

<sup>8</sup> Includes maternity data.

<sup>9</sup> For Federal programs under the Uniformed Services Contingency Option Act of 1953 and for State and local government retirement systems, number represents families.

<sup>10</sup> Small but unknown amount of lump-sum death payments included with monthly survivor payments.

<sup>11</sup> Not available.

<sup>12</sup> For beneficiaries, less than 500; for benefits, less than \$500,000.

<sup>13</sup> 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 payments under the temporary extended unemployment insurance programs.

<sup>14</sup> Under the Servicemen's Readjustment Act of 1944 (terminated July 1949), and the Veterans' Readjustment Assistance Act of 1952 (terminated January 1960). Amount (but not number) includes self-employment allowances—for 1950, \$1,000,000 to 1,600 veterans (average monthly number); and a negligible amount thereafter.

Source: Department of Health, Education, and Welfare, Social Security Administration; *Social Security Bulletin*.



### No. 372. AVERAGE PAYMENTS UNDER OLD-AGE, SURVIVORS, AND DISABILITY INSURANCE, UNEMPLOYMENT INSURANCE, AND PUBLIC ASSISTANCE: 1940 TO 1961

[As of December, except as noted. Includes Alaska, Hawaii, Puerto Rico, and Virgin Islands]

PROGRAM	CURRENT DOLLARS				1961 DOLLARS			
	1940	1950	1960	1961	1940	1950	1960	1961
<b>OLD-AGE, SURVIVORS, AND DISABILITY INSURANCE</b>								
Average monthly benefit in current-payment status:								
Retired worker.....	\$22.60	\$43.86	\$74.04	\$75.05	\$48.10	\$52.60	\$74.40	\$75.65
Aged widow.....	20.28	36.54	57.68	64.91	43.15	43.80	57.95	64.91
Widowed mother and 2 children.....	47.10	93.90	188.00	190.70	100.20	112.60	188.95	190.70
Average monthly old-age benefit of worker retired in 1940.....	22.60	41.40	55.00	55.00	48.10	49.65	55.30	55.00
<b>UNEMPLOYMENT INSURANCE (STATE PROGRAMS)</b>								
Average weekly benefit for total unemployment.....	10.88	20.78	34.18	34.11	23.15	24.92	34.18	34.11
<b>PUBLIC ASSISTANCE</b>								
Average monthly payment per recipient:								
Old-age assistance.....	20.26	43.95	68.45	68.78	43.11	52.70	68.79	68.78
Medical assistance for the aged <sup>2</sup> .....			195.84	192.90			196.82	192.90
Aid to dependent children.....	9.85	21.13	30.07	31.28	20.96	25.34	30.22	31.28
Aid to the blind.....	24.38	46.66	73.17	74.57	51.87	55.83	73.54	74.57
Aid to the permanently and totally disabled.....		45.41	67.64	70.46		54.45	67.98	70.46
General assistance (per case).....	24.28	46.65	71.02	67.93	51.66	55.94	71.98	67.93

<sup>1</sup> As of June.

<sup>2</sup> Program initiated November 1960 under the Social Security Amendment of 1960.

Source: Department of Health, Education, and Welfare, Social Security Administration; records.

### No. 373. SELECTED SOCIAL INSURANCE PROGRAMS—ESTIMATED PAYROLLS IN COVERED EMPLOYMENT IN RELATION TO WAGES AND SALARIES: 1940 TO 1960

[In millions of dollars. Before 1960, excludes Alaska and Hawaii except that small amount of taxable wages included in railroad payrolls and 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 1967*, series H 55-67. Corrected to August 1961]

PROGRAM	1940	1945	1950	1955	1960
<b>AMOUNT</b>					
Total earnings <sup>1</sup> .....	62,828	148,398	183,908	253,051	310,482
All wages and salaries <sup>1</sup> .....	49,818	117,563	146,367	210,902	271,319
Civilian.....	49,265	96,744	141,368	201,124	261,425
Payrolls covered by retirement programs <sup>2</sup> .....	41,620	85,455	128,334	193,121	264,242
Old-age, survivors, and disability insurance <sup>3</sup> .....	35,560	71,317	109,439	169,000	236,000
Railroad retirement <sup>4</sup> .....	2,280	4,530	5,327	5,801	5,690
Federal civil service retirement <sup>5</sup> .....	1,430	5,840	6,068	8,200	11,952
State and local government.....	2,350	3,768	8,000	12,430	21,000
Total net earnings in self-employment covered by old-age, survivors, and disability insurance.....				24,380	31,000
Payrolls covered by unemployment insurance programs.....	34,632	70,941	108,162	164,240	215,397
State unemployment insurance <sup>6</sup> .....	32,352	66,411	102,835	158,439	209,707
Railroad unemployment insurance <sup>4</sup> .....	2,280	4,530	5,327	5,801	5,690
Payrolls covered by workmen's compensation programs <sup>7</sup> .....	35,500	73,000	113,500	165,000	200,000
<b>PERCENT</b>					
Civilian wages and salaries.....	100.0	100.0	100.0	100.0	100.0
Payrolls covered by—					
Old-age, survivors, and disability insurance <sup>3</sup> .....	72.2	74.5	77.4	84.0	<sup>8</sup> 87.0
Railroad retirement <sup>4</sup> .....	4.6	4.7	3.8	2.9	2.2
Federal civil service retirement <sup>5</sup> .....	2.9	6.1	4.3	4.1	4.6
State and local government retirement.....	4.8	3.9	5.7	6.2	8.0
State unemployment insurance <sup>6</sup> .....	65.7	69.4	72.7	78.8	80.2
Railroad unemployment insurance <sup>4</sup> .....	4.6	4.7	3.8	2.9	2.2
Workmen's compensation programs <sup>7</sup> .....	72.1	70.2	80.3	82.0	79.9

<sup>1</sup> Data from Department of Commerce, Office of Business Economics. Total earnings include earnings of self-employed; "all wages and salaries" represent disbursements for civilian and military pay in cash and in kind.

<sup>2</sup> Beginning 1955, adjusted for duplication of payrolls covered by both old-age, survivors, and disability insurance and State and local retirement systems. <sup>3</sup> Taxable plus estimated nontaxable wages and salaries.

<sup>4</sup> Taxable wages plus estimated nontaxable wages and salaries. Beginning 1950, also represents coverage for railroad temporary disability insurance.

<sup>5</sup> Excludes voluntary contributions and service credits.

<sup>6</sup> Taxable plus estimated nontaxable wages and salaries; beginning 1955, includes pay of Federal civilian personnel.

<sup>7</sup> Payrolls of employers insuring with private carriers, State funds, or self-insured, and pay covered by Federal programs in all areas.

<sup>8</sup> Represents percent of all wages and salaries to reflect inclusion of Armed Forces pay.

Source: Department of Health, Education, and Welfare, Social Security Administration; *Social Security Bulletin*.

# **No. 374. SELECTED CHARACTERISTICS OF THE CIVILIAN POPULATION 65 YEARS OLD AND OVER: 1955 TO 1961**

[In thousands, except median income. Beginning 1960, includes Alaska and Hawaii. Based on Current Population Survey, and not entirely comparable with decennial census; see Technical Note, p. 213. For definitions of terms, see pp. 2, 3, 211, and 212]

CHARACTERISTIC	April 1955	MARCH 1959			MARCH 1960			MARCH 1961		
		Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Total, 65 years and over</b> .....	14,018	15,294	6,946	8,348	15,641	7,058	8,583	15,956	7,145	8,811
<b>Residence:</b>										
Urban and rural nonfarm.....	12,011	13,406	5,889	7,517	14,261	6,304	7,957	14,601	6,422	8,179
Rural farm.....	2,007	1,888	1,057	831	1,380	754	626	1,355	723	632
<b>Marital status:</b>										
Single.....	1,130	1,124	494	630	1,224	498	726	1,084	426	658
Married.....	7,081	8,033	4,014	3,119	8,304	5,117	3,187	8,464	5,168	3,296
Spouse present.....	6,791	7,600	4,720	2,940	7,963	4,930	3,033	8,123	4,985	3,138
Spouse absent.....	290	373	194	179	341	187	154	341	183	158
Widowed.....	5,601	5,912	1,415	4,497	5,869	1,330	4,539	6,166	1,455	4,711
Divorced.....	197	225	123	102	244	113	131	242	96	146
<b>Total, 65 years and over</b> <sup>1</sup> .....	13,634	14,887	6,753	8,134	15,252	6,880	8,372	15,567	6,966	8,601
<b>Labor force:</b>										
Civilian labor force.....	3,305	3,132	2,289	843	3,112	2,247	865	3,306	2,341	965
Employed.....	3,203	2,974	2,162	812	2,959	2,129	830	3,125	2,203	922
In agriculture.....	714	662	580	76	659	513	46	559	501	58
In nonagricultural industries.....	2,489	2,312	1,576	736	2,400	1,616	784	2,566	1,702	864
Unemployed.....	102	158	127	31	154	118	36	181	138	43
Not in labor force.....	10,329	11,755	4,464	7,291	12,140	4,633	7,507	12,261	4,625	7,636
<b>Income in previous year:</b>										
Persons with income.....	10,390	12,464	6,515	5,949	12,955	6,666	6,289	13,290	6,719	6,571
Median income for persons with income.....	\$902	\$1,030	\$1,488	\$776	\$1,076	\$1,576	\$797	\$1,142	\$1,608	\$821

<sup>1</sup> Excludes inmates of institutions 65 years and over.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, P-57, P-60, and records. Labor force, beginning 1960, Department of Labor, Bureau of Labor Statistics; *Employment and Earnings*.

# **No. 375. PERSONS 65 YEARS OLD AND OVER RECEIVING MONEY INCOME FROM SPECIFIED SOURCES: 1948, 1960, AND 1961**

[As of June; partly estimated. Beginning 1960, includes Alaska, Hawaii, Puerto Rico, and Virgin Islands. 1961 data are preliminary. Persons with income from sources specified may also have income from other sources (for example, private pensions or interest, dividends, and other returns on investment)]

SOURCE OF INCOME	NUMBER OF PERSONS (1,000)			PERCENT DISTRIBUTION		
	1948	1960	1961	1948	1960	1961
<b>Total</b> <sup>1</sup> .....	11,540	15,850	17,130	100.0	100.0	100.0
<b>Employment</b> .....	3,830	3,880	4,100	33.2	24.5	23.9
Earners.....	2,930	3,030	3,200	25.4	19.1	18.7
Nonworking wives of earners.....	900	850	900	7.8	5.4	5.3
<b>Social insurance and related programs</b> <sup>2</sup> .....	2,330	12,270	12,430	20.2	77.4	72.6
Old-age, survivors, and disability insurance.....	1,460	10,460	11,260	12.7	66.0	65.7
Railroad retirement insurance.....	300	640	640	2.6	4.0	3.7
Government employees' retirement programs.....	300	990	1,040	2.6	6.2	6.1
Veterans compensation and pension programs.....	350	1,600	1,890	3.0	10.1	11.0
<b>Public assistance</b> <sup>3</sup> .....	2,400	2,420	2,400	20.8	15.3	14.0
No money income or income solely from other sources.....	3,400	830	1,390	29.4	5.2	8.1
<b>Income from more than one of specified sources</b> .....	420	3,550	3,070	3.6	22.4	23.2
Employment and social insurance or assistance.....	270	2,820	3,190	2.3	17.8	18.6
Social insurance and public assistance.....	150	730	780	1.3	4.6	4.6

<sup>1</sup> Total population 65 and over is less than sum of the first 4 major classifications by the number in the fifth: persons with more than 1 major source of income were counted under each appropriate classification and then classified separately.

<sup>2</sup> Persons with income from more than one program counted only once. In addition, unemployment insurance, workmen's compensation, and temporary disability insurance provided income for an unknown number; overlap with other programs cannot be estimated. Includes the estimated number of male beneficiaries' wives not in direct receipt of benefits.

<sup>3</sup> Old-age assistance recipients and persons aged 65 and over receiving aid to the blind and aid to the permanently and totally disabled. Includes a small number of persons receiving vendor payments for medical care but no direct cash payment.

Source: Department of Health, Education, and Welfare, Social Security Administration; *Social Security Bulletin*, June 1959, January 1961, and January 1962.

# No. 376. OLD-AGE, SURVIVORS, AND DISABILITY INSURANCE—LABOR FORCE, BY EMPLOYMENT AND COVERAGE STATUS: 1950 TO 1960

[In millions. As of December. Prior to 1960, excludes Alaska and Hawaii. Represents persons aged 14 and over in the civilian labor force, and all members of the Armed Forces. Based on survey week data from the Current Population Survey of the Bureau of the Census; see Technical Note, p. 213. See also *Historical Statistics, Colonial Times to 1967*, series H 46-50, for civilians only]

EMPLOYMENT AND COVERAGE STATUS	1950	1954	1955	1959	1960
Labor force, total	64.8	66.8	69.5	71.8	73.1
Unemployed	2.2	2.8	2.4	3.6	4.5
Employed	62.6	64.0	67.1	68.2	68.6
Covered by insurance <sup>1</sup>	40.3	49.8	56.0	58.3	58.4
Covered under 1939 act	36.5	36.3	38.7	39.6	39.3
Additional coverage under subsequent amendments	3.8	13.4	17.2	18.7	19.0
Railroad retirement	1.5	1.2	1.3	0.9	0.9
Other than railroad	2.3	12.2	16.0	17.8	18.2
Not covered by insurance	22.3	14.2	11.2	9.9	10.2
Federal, State, and local governments	5.9	5.5	5.4	4.5	4.7
Agriculture	5.3	4.3	1.3	1.0	1.0
Wage and salary workers	1.3	0.8	0.1	0.3	0.3
Self-employed	3.9	3.5	1.2	0.7	0.7
Domestic service	2.1	0.9	0.9	0.9	0.9
Unpaid family workers	1.3	1.2	1.4	1.3	1.4
Agricultural	0.9	0.6	0.9	0.7	0.8
Nonagricultural	0.4	0.5	0.5	0.6	0.6
Other <sup>2</sup>	7.7	2.4	2.2	2.1	2.2

<sup>1</sup> Includes persons in railroad employment jointly covered by railroad retirement and old-age, survivors, and disability insurance programs (shown separately below). Excludes employees of State and local governments and nonprofit organizations and ministers who have not elected coverage under voluntary coverage provisions (about 2.3 million in December 1960). Ministers classified as employees in labor force statistics are here classified as self-employed, since they are so treated for purposes of old-age, survivors, and disability insurance coverage.

<sup>2</sup> Beginning 1954, includes noncovered workers in the following partially covered industries: Nonagricultural self-employment; educational institutions and agencies; medical and health services; religious, charitable, and membership organizations; and forestry and fisheries. For 1960, includes in addition to the above groups, non-covered workers in banks and trust companies.

Source: Department of Health, Education, and Welfare, Social Security Administration; *Social Security Bulletin*, annual statistical supplement.

# No. 377. OLD-AGE, SURVIVORS, AND DISABILITY INSURANCE—ACCOUNTS ESTABLISHED, AND WORKERS AND EARNINGS UNDER COVERED EMPLOYMENT: 1937 TO 1961

[Includes Alaska and Hawaii and, beginning 1955, Puerto Rico and Virgin Islands. After 1950, estimates of employment and earnings include self-employment on an annual but not quarterly basis; beginning 1958, they are preliminary. Excludes joint coverage under the railroad retirement and old-age, survivors, and disability insurance programs. See also *Historical Statistics, Colonial Times to 1967*, series H 118-120. Corrected to December 1961]

YEAR OR QUARTER	Social security accounts established <sup>1</sup>	COVERED EMPLOYMENT				
		Workers during period <sup>2</sup>	All earnings <sup>3</sup>		Taxable earnings <sup>4</sup>	
			Total	Average per worker	Total	Average per reported worker <sup>5</sup>
1937	1,000	1,000	\$1,000,000	Dollars	\$1,000,000	Dollars
1940	37,139	32,904	32,779	996	29,615	900
1945	5,227	35,393	35,668	1,008	32,974	932
1950	3,321	40,392	71,560	1,543	62,945	1,357
1955	2,891	48,283	109,804	2,274	87,498	1,812
1956	4,323	65,203	195,006	2,990	157,772	2,420
1957	4,376	67,612	214,000	3,170	170,689	2,525
1958	3,639	70,500	231,000	3,280	181,421	2,570
1959	2,920	70,000	233,000	3,330	180,892	2,580
1960	3,388	71,500	255,000	3,570	202,200	2,830
1961	3,415	73,000	268,000	3,670	209,000	2,860
January-March <sup>7</sup>	624	54,700	55,000	1,010	54,200	960
April-June <sup>7</sup>	1,079	57,000	59,000	1,040	53,700	920
July-September <sup>7</sup>	1,115	57,000	60,000	1,040	45,800	850
October-December <sup>7</sup>	597	57,000	61,000	1,070	33,400	680
1961:						
January-March <sup>7</sup>	653	55,000	57,000	1,040	50,000	1,020

<sup>1</sup> As of Oct. 27, 1961, 138.0 million account numbers had been issued under the social security system and 2.8 million under the railroad retirement system.

<sup>2</sup> Includes workers with earnings in excess of annual taxable limit. See footnote 4.

<sup>3</sup> Includes earnings in excess of annual taxable limit. See footnote 4.

<sup>4</sup> Excludes earnings in excess of taxable limit. Annual limit on taxable earnings was \$3,000 through 1950; \$4,200 for 1955-1958; and \$4,800 beginning 1959.

<sup>5</sup> A worker is not reported for a quarter if he has attained the annual taxable limit in an earlier quarter.

<sup>7</sup> Includes 17,202,000 accounts established in 1936. <sup>7</sup> Quarterly covered employment excludes agricultural labor.

Source: Department of Health, Education, and Welfare, Social Security Administration; data appear periodically in *Social Security Bulletin*.

# No. 378. OLD-AGE, SURVIVORS, AND DISABILITY INSURANCE—NUMBER AND AMOUNT OF MONTHLY BENEFITS, BY TYPE: 1940 to 1961

[Includes Alaska, Hawaii, Puerto Rico, and Virgin Islands. See also *Historical Statistics, Colonial Times to 1957*, series H 125-136. Corrected to February 1962]

ITEM AND YEAR	Total	Old-age	Wife's or husband's <sup>1</sup>	Child's <sup>2</sup>	Widow's or widower's	Mother's	Parent's	Disability <sup>3</sup>
<b>BENEFITS IN CURRENT-PAYMENT STATUS, END OF YEAR</b>								
<b>Number:</b>								
1940.....	222,488	112,331	29,749	54,648	4,437	20,409	824	-----
1950.....	3,477,243	1,770,084	508,350	690,703	314,189	169,438	14,579	-----
1955.....	7,960,616	4,473,971	1,191,963	1,276,240	701,360	291,916	25,166	-----
1957.....	11,128,897	6,197,532	1,827,048	1,502,077	1,095,137	328,309	28,041	149,850
1958 <sup>4</sup> .....	12,430,234	6,920,677	2,031,091	1,624,135	1,232,683	353,904	30,065	237,719
1959.....	13,703,918	7,525,028	2,208,017	1,831,548	1,393,587	376,145	34,550	384,443
1960.....	14,844,589	8,061,469	2,345,983	2,000,451	1,543,843	401,358	36,114	455,371
1961.....	16,494,702	8,924,849	2,510,199	2,279,462	1,697,308	428,138	36,731	618,075
<b>Total monthly amount (1,000):</b>								
1940.....	\$4,070	\$2,539	\$361	\$668	\$90	\$402	\$11	-----
1950.....	126,857	77,678	11,095	19,360	11,481	5,801	535	-----
1955.....	411,613	276,942	30,416	46,444	34,152	13,403	1,257	-----
1957.....	605,455	400,250	62,802	67,952	55,944	16,102	1,501	\$10,904
1958 <sup>4</sup> .....	667,529	459,201	71,230	64,130	63,977	17,887	1,588	19,516
1959.....	845,144	547,749	84,254	90,716	79,047	21,579	2,034	29,765
1960.....	936,321	596,849	90,503	93,275	89,054	23,705	2,178	40,667
1961.....	1,071,693	675,154	98,276	104,818	110,179	25,425	2,466	55,374
<b>Average monthly benefit:</b>								
1940.....	-----	\$22.60	\$12.13	\$12.22	\$20.28	\$19.61	\$13.09	-----
1950.....	-----	43.86	23.60	27.68	36.54	34.24	36.70	-----
1955.....	-----	61.00	33.07	36.39	48.69	45.91	49.93	-----
1957.....	-----	64.58	34.37	38.58	51.08	49.05	51.87	\$72.76
1958 <sup>4</sup> .....	-----	66.35	35.07	39.49	51.90	50.53	52.83	82.10
1959.....	-----	72.78	38.10	44.07	56.72	57.37	58.86	89.00
1960.....	-----	74.04	38.58	46.63	57.68	59.29	60.31	89.31
1961.....	-----	75.65	39.15	45.98	64.01	59.38	67.15	89.59
<b>BENEFITS AWARDED DURING YEAR<sup>5</sup></b>								
<b>Number:</b>								
1940.....	254,984	132,335	34,555	59,382	4,600	23,260	852	-----
1950 (1939 amendments).....	384,334	183,223	66,685	67,730	40,081	24,595	1,420	-----
1950 (1950 amendments).....	578,294	383,908	96,063	54,911	26,054	16,806	832	-----
1955.....	1,057,773	909,883	288,915	235,795	140,624	76,018	3,538	-----
1957.....	2,832,344	1,424,975	578,012	313,163	244,633	88,174	4,585	178,802
1958 <sup>6</sup> .....	2,123,465	1,041,668	379,473	286,782	199,320	81,407	3,373	131,382
1959 <sup>7</sup> .....	2,501,802	1,089,740	444,816	426,935	252,683	102,020	7,797	177,811
1960.....	2,336,144	981,717	394,174	415,719	230,267	92,607	4,855	207,805
1961.....	3,046,721	1,361,635	471,731	579,741	251,237	98,490	4,139	279,748
<b>Total monthly amount (1,000):</b>								
1940.....	\$4,710	\$3,005	\$420	\$725	\$94	\$456	\$11	-----
1950 (1939 amendments).....	8,749	5,318	1,002	970	581	587	21	-----
1950 (1950 amendments).....	17,485	12,761	1,894	1,253	961	585	31	-----
1955.....	93,906	63,452	10,321	8,919	6,984	4,035	194	-----
1957.....	161,300	96,311	19,790	12,184	13,188	5,010	267	\$14,551
1958 <sup>6</sup> .....	129,844	77,568	13,836	11,356	11,069	4,689	206	11,120
1959 <sup>7</sup> .....	163,603	88,774	17,530	18,363	15,394	6,685	526	16,330
1960.....	163,649	80,237	15,001	17,562	14,860	6,106	341	18,943
1961.....	194,253	105,434	17,924	22,578	16,488	5,989	302	25,536
<b>Average monthly benefit:</b>								
1940.....	-----	\$22.71	\$12.15	\$12.20	\$20.36	\$19.60	\$13.09	-----
1950 (1939 amendments).....	-----	29.02	15.03	14.32	21.66	22.65	14.79	-----
1950 (1950 amendments).....	-----	33.24	19.71	22.82	36.88	35.44	37.26	-----
1955.....	-----	69.74	35.72	37.35	49.67	53.08	54.73	-----
1957.....	-----	67.59	34.24	38.91	53.91	56.82	58.18	\$81.38
1958 <sup>6</sup> .....	-----	74.47	36.46	39.60	55.53	57.56	61.07	84.64
1959 <sup>7</sup> .....	-----	81.46	39.41	43.01	60.92	65.52	67.49	91.34
1960.....	-----	81.73	39.58	42.24	62.10	65.93	70.14	91.16
1961.....	-----	77.43	38.00	38.95	65.63	60.81	73.06	91.28

<sup>1</sup> Includes benefits payable to wives or husbands of disability (disabled worker) beneficiaries.

<sup>2</sup> Includes benefits payable to dependent children of disability (disabled worker) beneficiaries; also includes benefits payable to disabled children aged 18 or over (whose disability began before age 18) of disabled, deceased, or retired workers.

<sup>3</sup> Payable to disabled workers under age 65. For months prior to November 1960, disability benefits were limited to disabled workers aged 50 to 64.

<sup>4</sup> As of end of November. <sup>5</sup> Represents new entitlements.

<sup>6</sup> January-November awards. <sup>7</sup> December 1958-December 1959 awards.

Source: Department of Health, Education, and Welfare, Social Security Administration; data appear periodically in *Social Security Bulletin*.

### No. 379. OLD-AGE, SURVIVORS, AND DISABILITY INSURANCE—FAMILIES RECEIVING MONTHLY BENEFITS AND AVERAGE MONTHLY BENEFIT, SELECTED FAMILY GROUPS: 1940 TO 1960

[Number of families in thousands. Includes Alaska, Hawaii, Puerto Rico, and Virgin Islands. Number in current-payment status at end of year except as noted. Estimated for 1940; based on sample thereafter. See also *Historical Statistics, Colonial Times to 1957*, series H 137-148]

YEAR	RETIRED-WORKER FAMILIES					SURVIVOR FAMILIES						
	Worker only			Worker and aged wife <sup>1</sup>	Worker, young wife and 1 child <sup>2</sup>	Aged widows	Widowed mother and children			Children only		1 aged dependent parent
	Total	Male	Female				1 child	2 children	3 children or more	1 child	2 children	
<b>FAMILIES</b>												
1940.....	78	65	12	30	-----	4	10	6	3	3	2	1
1950.....	1,240	939	301	498	5	314	82	53	33	115	47	13
1955.....	3,266	2,064	1,212	1,123	36	700	126	86	80	210	86	22
1956.....	3,062	2,133	1,528	1,359	38	912	128	88	83	225	90	24
1957.....	4,344	2,361	1,983	1,726	49	1,089	142	97	92	248	97	26
1958 <sup>3</sup> .....	4,872	2,587	2,284	1,902	57	1,224	156	105	99	261	100	26
1959.....	5,321	2,755	2,565	2,029	61	1,380	160	106	108	283	110	30
1960.....	5,742	2,922	2,820	2,122	69	1,527	172	113	114	296	107	32
<b>AVERAGE MONTHLY BENEFIT</b>												
1940.....	\$22.10	\$22.80	\$18.40	\$36.40	-----	\$20.30	\$33.90	\$47.10	\$51.30	\$13.00	\$25.10	\$13.20
1950.....	42.20	44.60	34.80	71.70	\$68.40	36.50	76.90	93.90	92.40	35.20	60.00	30.80
1955.....	59.10	64.60	49.80	103.50	122.80	48.70	106.80	135.40	133.20	48.20	82.70	50.10
1956.....	59.00	66.10	51.10	105.90	127.80	50.10	109.90	141.00	138.70	49.20	84.70	51.00
1957.....	60.90	68.30	62.20	108.40	132.90	51.10	114.80	146.30	144.80	50.50	86.90	52.20
1958 <sup>3</sup> .....	62.60	70.70	55.50	111.20	137.40	51.90	117.00	151.60	150.70	51.80	88.90	53.30
1959.....	68.70	78.00	58.70	121.60	154.90	55.70	128.70	170.70	178.60	56.90	101.30	59.60
1960.....	69.90	79.80	59.60	123.90	157.80	57.70	131.70	188.00	181.70	58.50	122.50	60.90

<sup>1</sup> Wife aged 65 or over; beginning 1956, includes wife aged 62 to 64 with no entitled children in her care.

<sup>2</sup> Wife under age 65 with 1 or more children in her care.

<sup>3</sup> As of end of November.

Source: Department of Health, Education, and Welfare, Social Security Administration; *Social Security Bulletin*, annual statistical supplement.

### No. 380. OLD-AGE, SURVIVORS, AND DISABILITY INSURANCE—WORKERS ENTITLED TO OLD-AGE BENEFITS AND WORKERS RECEIVING OLD-AGE BENEFITS, BY SEX AND AGE: 1940 TO 1960

[See also *Historical Statistics, Colonial Times to 1957*, series H 149-161]

YEAR	MALE					FEMALE				
	Total number (1,000)	Average age	Percent <sup>1</sup>			Total number (1,000)	Average age	Percent <sup>1</sup>		
			65 to 69 years old	70 to 74 years old	75 years and over			62 to 64 years old	65 to 69 years old	70 to 74 years old
<b>WORKERS ENTITLED TO BENEFITS (year of entitlement)</b>										
1940.....	127	68.2	75.7	16.6	7.6	16	67.5	-----	83.0	12.7
1950.....	644	69.0	65.9	21.2	12.9	204	68.1	-----	74.4	19.8
1955.....	605	68.2	68.5	25.5	6.1	280	67.4	-----	77.6	17.6
1956.....	791	69.0	63.0	24.3	12.7	589	65.6	47.3	41.1	7.9
1957.....	737	67.8	74.3	19.1	6.6	417	65.6	45.2	40.0	10.0
1958.....	637	67.0	81.9	15.5	2.6	346	65.1	49.9	38.1	9.1
1959.....	615	66.6	85.3	13.1	1.6	322	64.9	52.0	37.7	8.2
<b>WORKERS RECEIVING BENEFITS (as of end of year)</b>										
1940.....	99	68.8	74.4	17.4	8.2	13	68.1	-----	82.6	12.8
1950.....	1,409	72.2	39.1	33.7	27.2	302	71.1	-----	48.4	32.9
1955.....	3,262	72.7	35.7	34.8	29.6	1,222	71.3	-----	47.8	32.3
1956.....	3,572	72.9	34.2	35.2	30.6	1,540	70.9	7.3	42.5	30.7
1957.....	4,198	72.9	34.0	34.2	30.9	1,999	70.5	13.0	39.7	28.2
1958 <sup>3</sup> .....	4,617	73.0	33.9	34.3	31.8	2,303	70.7	13.0	38.3	28.7
1959.....	4,937	73.1	34.0	33.7	32.3	2,689	70.8	12.9	37.3	28.8
1960.....	5,217	73.2	33.8	33.1	33.1	2,845	71.0	12.6	36.3	29.0

<sup>1</sup> Age on birthday in stated year.

<sup>3</sup> As of end of November.

Source: Department of Health, Education, and Welfare, Social Security Administration; *Social Security Bulletin*, annual statistical supplement.

# No. 381. OLD-AGE, SURVIVORS, AND DISABILITY INSURANCE—NUMBER AND AMOUNT OF MONTHLY BENEFITS IN CURRENT-PAYMENT STATUS, BY STATES AND OTHER AREAS: 1961

[As of June 30. By beneficiary's State of residence]

STATE OR OTHER AREA	OLD-AGE AND SURVIVORS INSURANCE <sup>1</sup>		DISABILITY INSURANCE <sup>2</sup>		STATE OR OTHER AREA	OLD-AGE AND SURVIVORS INSURANCE <sup>1</sup>		DISABILITY INSURANCE <sup>2</sup>	
	Number	Monthly amount (\$1,000)	Number	Monthly amount (\$1,000)		Number	Monthly amount (\$1,000)	Number	Monthly amount (\$1,000)
<b>Total <sup>3</sup></b>	14,726,498	931,705	897,684	60,327	Nev.....	16,199	1,074	919	71
Ala.....	229,006	11,602	24,301	1,395	N.H.....	62,137	4,013	2,690	189
Alaska.....	6,094	357	278	17	N.J.....	520,143	36,774	25,970	1,984
Ariz.....	83,932	5,298	7,380	525	N. Mex.....	47,171	2,521	3,464	196
Ark.....	159,411	7,896	11,232	642	N.Y.....	1,502,029	104,065	76,923	5,758
Calif.....	1,168,026	76,643	60,772	4,056	N.C.....	313,728	15,971	29,345	1,655
Colo.....	124,058	7,717	6,289	423	N. Dak.....	51,553	3,084	1,708	97
Conn.....	222,698	16,082	10,059	776	Ohio.....	788,074	53,079	46,104	3,296
Del.....	32,583	2,139	1,950	141	Okla.....	183,567	10,500	11,432	745
D.C.....	48,980	2,977	3,113	214	Oreg.....	171,261	11,244	8,389	605
Fla.....	482,726	31,318	30,295	2,077	Pa.....	1,020,990	68,825	64,187	4,679
Ga.....	243,216	12,436	26,837	1,503	R.I.....	84,638	5,691	4,610	330
Hawaii.....	30,216	1,764	2,100	138	S.C.....	147,288	7,309	16,495	921
Idaho.....	54,191	3,328	2,608	165	S. Dak.....	61,450	3,642	2,093	128
Ill.....	839,633	57,357	42,683	3,182	Tenn.....	265,058	13,499	23,037	1,305
Ind.....	413,781	26,887	21,838	1,531	Texas.....	602,902	33,593	41,208	2,669
Iowa.....	270,080	16,850	9,700	650	Utah.....	55,604	3,545	2,373	163
Kans.....	194,404	11,755	8,720	583	Vt.....	38,495	2,339	2,370	148
Ky.....	263,975	14,107	27,467	1,458	Va.....	263,976	14,458	24,632	1,455
La.....	182,598	9,802	19,301	1,092	Wash.....	245,228	16,270	11,895	873
Maine.....	90,254	5,988	5,442	336	W. Va.....	173,329	10,078	25,167	1,454
Md.....	193,406	12,233	11,650	825	Wis.....	372,086	24,224	16,324	1,130
Mass.....	495,104	33,783	24,345	1,753	Wyo.....	22,864	1,440	1,180	79
Mich.....	626,670	43,716	36,283	2,683	P.R.....	108,457	8,582	4,750	140
Minn.....	298,771	18,750	10,680	724	Am. Samoa.....	45	1	-----	( <sup>4</sup> )
Miss.....	158,048	7,094	13,179	689	Guam.....	130	5	1	1
Mo.....	401,334	24,651	22,552	1,495	V.I.....	1,237	54	16	1
Mont.....	58,331	3,739	2,695	185	Foreign.....	102,688	6,480	2,442	180
Nebr.....	133,695	8,078	4,342	288					

<sup>1</sup> Benefits payable from the old-age and survivors insurance trust fund to retired-worker beneficiaries and their dependents and to survivors of deceased workers.<sup>2</sup> Benefits payable from the disability insurance trust fund to disabled-worker beneficiaries and their dependents.<sup>3</sup> Distribution by State or other area estimated.<sup>4</sup> Less than \$500.Source: Department of Health, Education, and Welfare, Social Security Administration; data appear periodically in *Social Security Bulletin*.

# No. 382. OLD-AGE, SURVIVORS, AND DISABILITY INSURANCE—AMOUNT OF BENEFIT PAYMENTS: 1940 TO 1961

[In thousands of dollars. Payments under 1939 and later amendments, except as noted. Corrected to February 1962. See also *Historical Statistics, Colonial Times to 1957*, series H 123, for total payments]

TYPE	1940	1950	1955	1958	1959	1960	1961
<b>Total payments</b>	135,354	961,094	4,968,153	8,575,924	10,298,363	11,244,795	12,748,726
Monthly benefits, total <sup>2</sup>	23,521	928,354	4,855,282	8,443,016	10,127,067	11,080,509	12,577,005
Old-age (retired worker)	14,761	556,896	3,252,870	5,566,528	6,548,004	7,052,879	7,801,515
Disability (disabled worker)	-----	-----	-----	246,201	399,485	488,594	724,231
Wife's or husband's <sup>3</sup>	1,947	88,060	466,047	852,389	1,010,923	1,083,237	1,178,050
Child's <sup>3</sup>	3,905	141,940	561,034	777,741	968,972	1,084,836	1,295,096
Widow's or widower's	420	88,820	396,461	757,495	920,915	1,056,836	1,231,526
Mother's	2,410	49,161	163,138	222,694	262,566	285,687	316,412
Parent's	78	3,477	15,724	19,968	25,202	28,470	30,766
Lump sum	111,833	32,740	112,872	132,908	171,296	164,286	171,122

<sup>1</sup> Includes lump-sum payments under 1935 act in the amount of \$3,247,000, for 1940, payable with respect to workers who died before January 1940.<sup>2</sup> Distribution by type estimated.<sup>3</sup> Beginning 1958, includes benefits paid to dependents of disability (disabled worker) beneficiaries.Source: Department of Health, Education, and Welfare, Social Security Administration; data appear annually in *Social Security Bulletin*.

# No. 383. OLD-AGE, SURVIVORS, AND DISABILITY INSURANCE—CONTRIBUTION RATES OF EMPLOYEES AND EMPLOYERS: 1937 TO 1968

[Rates in percent]

PERIOD OR YEAR	Taxable earnings	Employees	Employers	Self-employed
<b>EFFECTIVE CONTRIBUTION RATES</b>				
1937-1940.....	\$3,000	1	1	-----
1950.....	3,000	1½	1½	-----
1951-1953.....	3,600	1½	1½	2¼
1954.....	3,600	2	2	3
1955-1956.....	4,200	2	2	3
1957-1958.....	4,200	2¼	2¼	3½
1959.....	4,800	2½	2½	3¾
1960-1961.....	4,800	3	3	4½
<b>SCHEDULED CONTRIBUTION RATES</b>				
1962.....	4,800	3¼	3¼	4.7
1963-1965.....	4,800	3½	3½	5.4
1966-1967.....	4,800	4½	4½	6.2
1968 and thereafter.....	4,800	4½	4½	6.9

Source: Department of Health, Education, and Welfare, Social Security Administration; *Social Security Bulletin*, August 1960 and September 1961.

# No. 384. OLD-AGE AND SURVIVORS INSURANCE AND DISABILITY INSURANCE TRUST FUNDS: 1937 TO 1961

[In millions of dollars. See also *Historical Statistics, Colonial Times to 1957*, series H 124, for total assets]

PERIOD	NET INCOME		DISBURSEMENTS			Net increase in fund	ASSETS, END OF YEAR		
	Tax contributions <sup>1</sup>	Interest <sup>2</sup>	Benefit payments	Net administrative expenses <sup>3</sup>	Transfers to railroad retirement account <sup>4</sup>		Invested in U.S. Government securities <sup>5</sup>	Cash balance	Total assets
OLD-AGE AND SURVIVORS INSURANCE TRUST FUND									
Total, 1937 to 1961 ..	89,328	6,876	73,449	2,003	1,027	19,725	18,404	1,321	19,725
1955.....	5,713	461	4,968	110	-----	1,087	21,102	561	21,663
1956.....	6,172	531	5,715	132	-----	856	21,831	689	22,519
1957.....	6,825	557	7,347	162	-----	—126	21,566	827	22,393
1958.....	7,566	549	8,327	194	121	—528	20,953	911	21,864
1959.....	8,052	525	9,842	184	275	—1,724	19,151	990	20,141
1960.....	10,866	506	10,677	203	308	184	19,128	1,196	20,324
1961.....	11,285	539	11,862	239	322	—599	18,404	1,321	19,725
DISABILITY INSURANCE TRUST FUND									
Total, 1957 to 1961....	4,606	192	2,218	165	—21	2,437	2,324	113	2,437
1957.....	702	7	57	3	-----	649	612	37	649
1958.....	966	25	249	12	-----	729	1,321	68	1,379
1959.....	891	41	457	50	—21	447	1,793	32	1,825
1960.....	1,010	53	568	36	—5	464	2,180	109	2,289
1961.....	1,038	66	887	64	5	148	2,324	113	2,437

<sup>1</sup> January 1937-June 1940, equals appropriations transferred; July 1940-December 1950, taxes collected; beginning January 1951, amounts appropriated. Beginning May 1951, includes State deposits under voluntary coverage agreements. For 1947-51, includes appropriations to cover benefits payable to certain veterans' survivors. Beginning 1952 for old-age and survivors and 1959 for disability insurance trust funds, includes deductions for refunds of employee tax overpayment.

<sup>2</sup> Includes interest and profit on investment, and following interfund interest transfers: (1) Under financial interchange, to old-age and survivors fund from railroad retirement account, 1954-1957; to railroad retirement account from old-age and survivors fund, 1958 to date; to disability fund from railroad retirement account, July 1959 and June 1960; and to railroad retirement account from disability fund, June 1961; and (2) on reimbursed administrative expenses, to old-age and survivors fund from disability fund, 1958 to date.

<sup>3</sup> Beginning November 1951, adjusted for reimbursements to trust fund of small amounts for services sold. Beginning October 1953, includes expenses for central office building construction. Since January 1957 inception of disability fund, most administrative expenses paid initially from old-age and survivors fund, with subsequent reimbursement (plus interest) from disability fund for allocated cost of disability insurance operations. Treasury Department expenses reimbursed from appropriate fund.

<sup>4</sup> The purpose of the financial interchange is to place the trust funds in the position they would have been had railroad employment always been covered under old-age, survivors, and disability insurance system. Negative figures indicate payments from the trust funds to the railroad retirement account.

<sup>5</sup> Book value; includes net unamortized premium and discount, accrued interest purchased, and repayments on account of interest accrued on bonds at time of purchase.

<sup>6</sup> 1937-1939, includes transactions of predecessor fund, the old-age reserve account.

Source: Treasury Department; *Monthly Statement of Receipts and Expenditures of the U.S. Government*, and records.

### No. 385. PRIVATE PENSION AND DEFERRED PROFIT-SHARING PLANS—ESTIMATED COVERAGE, CONTRIBUTIONS, RESERVES, BENEFICIARIES, AND BENEFIT PAYMENTS: 1940 to 1960

[Excludes Alaska and Hawaii. Includes pay-as-you-go, multiemployer, and union-administered plans, and those of nonprofit organizations and railroad plans supplementing the Federal railroad retirement program. Plans are classified as insured and noninsured, the former underwritten by insurance companies and the latter generally funded through trustees. See also *Historical Statistics, Colonial Times to 1967*, series X 483-500]

ITEM	1940	1945	1950	1955	1956	1957	1958	1959	1960
Coverage <sup>1 2</sup> .....1,000.....	4, 100	6, 400	9, 800	15, 400	16, 800	18, 200	19, 000	20, 200	21, 600
Insured plans.....do.....			2, 600	3, 800	4, 000	4, 400	4, 500	4, 800	4, 900
Noninsured plans.....do.....			7, 200	11, 600	12, 800	13, 800	14, 500	15, 400	16, 700
Contributions:									
Employer.....mil. dol.....	180	830	1, 750	3, 100	3, 490	3, 900	3, 970	4, 420	4, 490
Insured plans.....do.....			720	1, 100	1, 110	1, 230	1, 270	1, 340	1, 210
Noninsured plans.....do.....			1, 030	2, 090	2, 380	2, 670	2, 700	3, 080	3, 280
Employee.....do.....	130	160	330	550	610	680	710	760	770
Insured plans.....do.....			200	280	290	300	310	340	300
Noninsured plans.....do.....			130	270	320	380	400	420	470
Number of monthly beneficiaries <sup>1</sup> .....1,000.....	160	310	450	990	1, 110	1, 250	1, 410	1, 580	1, 750
Insured plans.....do.....			150	300	340	380	440	500	540
Noninsured plans.....do.....			300	690	770	870	970	1, 090	1, 210
Amount of benefit payments <sup>3</sup> .....mil. dol.....	140	220	380	860	1, 010	1, 150	1, 300	1, 520	1, 695
Insured plans.....do.....			90	200	230	260	300	350	375
Noninsured plans <sup>3</sup> .....do.....			290	660	780	890	1, 000	1, 170	1, 320
Reserves <sup>1</sup> .....bil. dol.....	2. 4	5. 4	11. 7	26. 5	30. 3	34. 8	39. 3	44. 8	49. 9
Insured plans.....do.....			5. 6	11. 2	12. 4	14. 0	15. 5	17. 5	18. 8
Noninsured plans.....do.....			6. 1	15. 3	17. 9	20. 8	23. 8	27. 3	31. 1

<sup>1</sup> As of end of year.

<sup>2</sup> Excludes annuitants.

<sup>3</sup> Includes refunds to employees and their survivors; also lump sums under deferred profit-sharing plans.

Source: Department of Health, Education, and Welfare, Social Security Administration; *Social Security Bulletin*, April 1962.

### No. 386. CORPORATE CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS, BY INDUSTRY DIVISION: 1955 to 1959

[In millions of dollars. Based on data reported on corporation income tax returns. See headnotes, tables 518 and 520]

INDUSTRY DIVISION	AMOUNTS CONTRIBUTED UNDER PENSION PLANS <sup>1</sup>				AMOUNTS CONTRIBUTED UNDER OTHER EMPLOYEE BENEFIT PLANS			
	1955	1957	1958	1959	1955	1957	1958	1959
All industry divisions.....	3, 296	4, 043	3, 999	4, 584	1, 147	1, 626	1, 727	2, 190
Agriculture, forestry, and fisheries.....	4	5	7	5	3	3	4	6
Mining.....	129	135	95	81	22	33	64	88
Construction.....	33	61	58	66	28	41	50	62
Manufacturing.....	2, 068	2, 573	2, 446	2, 784	796	1, 094	1, 127	1, 367
Transportation, communication, electric, gas, and sanitary services.....	480	556	589	684	147	209	225	284
Wholesale and retail trade.....	282	338	346	401	91	157	160	218
Finance, insurance, and real estate.....	239	291	372	458	39	53	62	81
Services.....	60	83	87	102	22	36	36	53
Nature of business not allocable.....	(2)	(2)	(2)	1	(2)	(2)	(2)	(2)

<sup>1</sup> Includes pension, annuity, profit sharing, stock bonus, and other plans deferring the receipt of compensation.

<sup>2</sup> Less than \$500,000.

Source: Treasury Department, Internal Revenue Service; *Statistics of Income*.



### No. 387. CORPORATE PENSION FUNDS—ASSETS, RECEIPTS, AND EXPENDITURES: 1955 TO 1961

[In millions of dollars. Includes Alaska and Hawaii. Covers all corporate pension plans except those administered by insurance companies and labor unions. Excludes plans of religious, educational, and other nonprofit organizations]

ITEM	1955	1956	1957	1958	1959	1960	1961
Assets (book value, end of year).....	14,230	16,639	19,319	22,094	25,307	28,706	32,368
Cash and deposits.....	343	332	368	383	407	418	485
U.S. Government securities.....	2,536	2,203	2,032	1,985	2,148	2,034	2,064
Corporate bonds.....	7,225	8,704	10,392	11,731	12,797	14,139	15,121
Preferred stock.....	510	570	611	655	657	652	633
Common stock.....	2,058	3,774	4,770	6,042	7,714	9,512	11,799
Own company.....	434	505	584	646	773	874	1,025
Other companies.....	2,624	3,269	4,187	5,396	6,940	8,638	10,774
Mortgages.....	146	230	313	405	576	753	907
Other assets.....	511	736	893	892	1,008	1,197	1,359
Receipts.....	2,583	2,945	3,322	3,506	4,066	4,391	4,756
Employer contributions.....	1,803	2,053	2,303	2,275	2,629	2,797	2,840
Employee contributions.....	222	267	316	331	354	392	408
Income from interest and dividends.....	463	558	677	800	934	1,079	1,222
Net profit or loss on sale of assets.....	84	49	11	67	124	91	247
Other income.....	12	10	15	33	25	31	39
Expenditures.....	461	557	640	738	886	1,017	1,158
Benefits paid out.....	447	544	628	706	858	988	1,124
Other expenses.....	14	13	12	131	128	129	134
Net receipts.....	2,122	2,389	2,682	2,769	3,180	3,373	3,598

<sup>1</sup> Includes disbursements other than expenses.

Source: Securities and Exchange Commission.

### No. 388. CIVIL SERVICE RETIREMENT—ANNUITIES AND LUMP-SUM PAYMENTS: 1940 TO 1961

[Money figures in thousands. As of June 30 or for years ending June 30. Includes Alaska and Hawaii. See text, p. 273]

YEAR	ANNUITIES <sup>1</sup>					LUMP-SUM PAYMENTS					
	Number certified	Number terminated	Number in force		Annual value	Separated employees <sup>2</sup>		Deceased employees <sup>4</sup>		Deceased annuitants <sup>5</sup>	
			Total <sup>3</sup>	Disability		Number	Amount	Number	Amount	Number	Amount
1940.....	7,207	3,625	82,027	15,294	\$59,879	15,183	\$2,857	2,812	\$3,723	2,145	\$1,483
1945.....	12,880	5,511	85,225	23,389	82,346	900,858	62,377	16,374	7,441	3,062	2,476
1950.....	33,303	9,451	172,206	42,809	181,878	230,151	83,194	4,859	3,712	6,827	4,194
1953.....	37,038	12,963	241,294	51,775	280,482	135,821	81,424	4,207	5,209	8,170	3,771
1954.....	41,478	13,554	269,278	56,468	324,059	123,383	88,965	3,754	5,406	7,659	3,371
1955.....	42,304	14,803	296,927	61,043	358,295	100,868	73,310	3,738	5,709	8,035	3,551
1956.....	46,897	16,740	327,111	66,093	441,002	164,341	84,200	4,401	6,023	8,210	3,581
1957.....	60,848	18,709	369,313	73,074	519,654	183,583	99,288	4,454	6,656	8,404	3,712
1958.....	70,347	21,532	418,233	84,493	647,090	199,156	114,746	4,214	7,422	8,945	3,875
1959.....	80,930	23,749	476,539	92,723	723,148	143,734	95,431	4,220	7,323	8,788	3,722
1960.....	65,432	26,237	514,918	101,940	791,953	152,739	114,224	3,957	7,760	9,051	3,572
1961.....	71,610	27,639	559,120	112,060	882,796	130,579	103,680	4,180	8,660	9,452	3,581

<sup>1</sup> Through June 30, 1940, data relate entirely to employees retired under various age and length-of-service requirements and to employees with at least 5 years service who became totally disabled for the position occupied prior to eligibility for retirement. Beginning Jan. 1, 1940, certain employees may elect a joint and survivor annuity, and beginning Feb. 29, 1948, widows and minor children of deceased employees and annuitants are eligible for survivor annuities under certain conditions; number of survivor annuities in force as of June 30 increased from 26 in 1941 to 162,597 in 1961. Beginning Jan. 24, 1942, employees with at least 5 years service who separate prior to eligibility for retirement may obtain deferred annuity at age 62. Prior to 1953, excludes annuities purchased by voluntary contributions.

<sup>2</sup> Due to adjustments, number in force at end of fiscal year does not in all cases equal number certified less number terminated in that year, plus number in force at end of preceding fiscal year.

<sup>3</sup> Refunds of amounts to employees' credit in fund paid to employees not eligible for an annuity or who, if eligible, elected to take a refund.

<sup>4</sup> Refunds of amounts to employees' credit paid to designated or other beneficiaries of employees who died in service or after separation.

<sup>5</sup> Refunds of balance of amount to annuitants' credit at time of death paid to designated or other beneficiaries of annuitants. Includes refunds to disability annuitants, whose entitlement to an annuity was terminated, and unexpended balances paid upon termination of survivor annuities.

Source: Civil Service Commission; Annual Report.

# NO. 389. STATE AND LOCAL PUBLIC RETIREMENT SYSTEMS, BY COVERAGE CLASS OF SYSTEMS: 1957

[Last month of fiscal year, except assets. Excludes Alaska and Hawaii]

COVERAGE CLASS	Num-ber of systems	Member-ship	RECURRENT BENEFITS			ASSETS, END OF FISCAL YEAR	
			Num-ber of benefi-ciaries	Amount (\$1,000)	Average per benefi-ciary	Amount (mil. dol.)	Average per member
Total.....	2,205	4,021,468	522,434	60,388	\$116	12,834	\$3,191
General coverage systems.....	445	2,223,369	216,645	20,419	94	6,615	2,975
State-administered:							
State employees only.....	12	371,432	26,676	2,458	92	735	1,078
State and local employees.....	15	802,404	60,074	5,112	77	2,282	2,843
State employees and local nonschool employees.....	8	200,280	25,785	1,975	77	578	1,990
State employees and local school employees.....	4	90,031	6,516	489	75	155	1,721
Local government employees, other than teachers.....	6	81,934	7,850	535	68	149	1,817
Locally administered:							
Municipalities.....	242	438,353	65,647	7,791	119	2,221	5,067
Counties.....	103	134,953	16,230	1,843	114	467	3,460
Townships.....	55	13,922	1,858	216	116	29	2,067
Limited coverage systems.....	1,760	1,798,099	305,789	39,969	131	6,219	3,459
Covering school employees.....	31	632,933	66,112	7,736	117	1,952	3,084
State-administered.....	12	541,616	48,956	5,738	117	1,575	2,908
Locally administered.....	19	91,317	17,156	1,998	116	377	4,127
Covering teachers only.....	37	854,748	108,837	15,188	140	3,264	3,818
State-administered.....	25	794,847	89,208	11,775	132	2,357	2,965
Locally administered.....	12	59,901	19,629	3,413	174	907	15,137
Covering police and firemen.....	1,594	209,937	101,420	13,987	138	649	3,003
Police only.....	768	94,214	46,897	6,386	136	297	3,155
State-administered.....	22	13,521	1,461	190	130	39	2,902
Locally administered.....	746	80,693	45,436	6,196	136	258	3,197
Firemen only.....	675	62,861	32,276	4,157	129	168	2,676
State-administered.....	5	3,560	319	20	91	5	1,337
Locally administered.....	670	59,292	31,957	4,128	129	163	2,766
Police and firemen (combined system).....	151	52,862	22,247	3,444	155	184	3,478
State-administered.....	2	14,837	7,772	930	121	71	4,753
Locally administered.....	149	38,025	14,475	2,505	173	113	2,980
Other limited coverage systems.....	98	100,481	29,420	3,058	104	355	3,529
State-administered.....	36	31,740	3,222	521	162	106	3,335
Locally administered.....	62	68,741	26,198	2,537	97	249	3,619

Source: Department of Commerce, Bureau of the Census; 1957 Census of Governments, *Employee-Retirement Systems of State and Local Governments*.

# NO. 390. FINANCES OF STATE AND LOCAL PUBLIC-EMPLOYEE RETIREMENT SYSTEMS: 1957 to 1960

[In millions of dollars. Fiscal-year data. Beginning 1959, includes Alaska, and 1960, Hawaii]

YEAR AND TYPE OF SYSTEM	RECEIPTS					PAYMENTS				Assets, end of fiscal year
	Total	Em- ployee con- tributions	Government contributions		Earn- ings on invest- ments	Total	Benefits	With- drawals	Other	
			State	Local						
All systems:										
1957 -----	2,454.9	898.6	468.8	730.9	350.7	958.3	725.0	215.9	17.5	12,834.2
1958 -----	(1)	1,019.3	559.6	(1)	417.0	(1)	836.5	237.0	(1)	14,004.2
1959 -----	2,974.3	1,073.2	537.5	865.9	497.7	1,183.7	920.5	223.5	39.6	16,340.5
1960 -----	3,393.1	1,140.1	602.8	959.0	601.1	1,300.0	1,010.5	254.5	35.0	18,538.6
State-admin- istered:										
1957 -----	1,503.8	607.8	440.9	230.7	224.5	521.7	357.1	153.8	10.8	8,050.4
1958 -----	1,754.6	712.3	530.5	252.8	259.0	603.0	418.5	168.0	16.4	9,249.2
1959 -----	1,883.3	752.4	507.0	300.3	323.6	647.0	479.0	147.3	20.7	10,498.6
1960 -----	2,217.3	801.7	659.1	358.1	398.4	716.4	529.8	169.8	16.8	12,126.7
Locally-admin- istered:										
1957 -----	951.2	290.8	27.9	500.3	132.2	430.6	367.9	62.1	6.6	4,783.8
1958 -----	(1)	307.0	29.1	(1)	158.0	(1)	418.0	60.0	(1)	5,355.0
1959 -----	1,091.1	320.9	30.5	565.6	174.1	536.6	441.5	76.2	18.9	5,841.9
1960 -----	1,175.8	338.4	33.8	600.9	202.0	583.6	480.6	84.7	18.3	6,411.9

<sup>1</sup> Not available.

Source: Department of Commerce, Bureau of the Census; 1957 Census of Governments, *Employee-Retirement Systems of State and Local Governments*, and annual reports, *Governmental Finances in 1958* and *Finances of Employee-Retirement Systems of State and Local Governments*.

**No. 391. RAILROAD EMPLOYEES AND RAILROAD RETIREMENT AND SURVIVOR BENEFITS, BY CLASS: 1940 TO 1961**

[For years ending June 30. Includes Alaska and Hawaii]

ITEM	1940	1945	1950	1955	1958	1959	1960	1961
Average number of employees.....1,000--	1, 177	1, 682	1, 360	1, 222	1, 063	971	930	861
NUMBER OF BENEFITS								
Monthly benefits awarded.....	25, 257	21, 827	64, 814	105, 794	91, 889	93, 663	114, 720	97, 603
Retirement benefits <sup>1</sup> .....	23, 430	20, 774	37, 500	38, 205	42, 058	44, 382	45, 157	42, 825
Spouse benefits <sup>2</sup> .....				20, 689	21, 257	21, 310	21, 818	25, 924
Survivor benefits.....	1, 827	1, 053	27, 224	46, 900	28, 574	27, 971	27, 715	28, 854
Monthly benefits terminated.....	13, 179	14, 590	33, 300	53, 170	60, 479	58, 354	68, 595	67, 392
Retirement benefits <sup>1</sup> .....	11, 803	13, 673	20, 742	22, 977	27, 447	25, 543	30, 731	29, 586
Spouse benefits <sup>2</sup> .....				13, 040	14, 780	15, 018	17, 670	17, 843
Survivor benefits.....	1, 316	917	12, 558	17, 153	18, 252	17, 793	20, 194	20, 463
Monthly benefits in current-payment status at end of year.....	144, 280	171, 452	387, 329	616, 023	710, 403	746, 251	794, 323	824, 675
Retirement benefits <sup>1</sup> .....	141, 224	107, 076	250, 733	309, 724	350, 043	368, 833	383, 633	397, 342
Spouse benefits <sup>2</sup> .....				108, 576	125, 989	132, 137	135, 998	165, 548
Survivor benefits.....	3, 066	4, 376	136, 586	199, 723	234, 421	245, 281	283, 692	261, 785
Lump sum death benefits awarded <sup>3</sup> .....	13, 370	20, 195	32, 691	23, 966	23, 896	22, 467	22, 450	22, 654
AMOUNT OF BENEFITS (\$1,000)								
Total.....	114, 025	142, 528	301, 542	549, 644	721, 428	781, 033	925, 656	986, 531
Retirement benefits <sup>1</sup> .....	110, 505	133, 013	248, 173	375, 513	481, 714	518, 576	601, 510	641, 250
Spouse benefits <sup>2</sup> .....				48, 972	72, 450	80, 546	109, 874	117, 829
Survivor benefits.....								
Monthly.....	1, 408	1, 768	41, 644	100, 564	148, 930	163, 768	194, 580	206, 888
Lump sum.....	2, 112	7, 747	11, 725	15, 590	18, 335	18, 142	10, 593	20, 564

<sup>1</sup> Includes retirement annuities and pensions to former carrier pensioners.

<sup>2</sup> Prior to 1955, included with retirement benefits.

<sup>3</sup> Excludes supplemental insurance lump-sum benefits.

Source: Railroad Retirement Board; *Annual Report*. Data published currently in *The Monthly Review*.

**No. 392. RAILROAD UNEMPLOYMENT AND SICKNESS BENEFITS—SUMMARY OF OPERATIONS: 1940 TO 1961**

[For years ending June 30. Includes Alaska and Hawaii]

For years ending June 30. Includes maternity benefits.							
YEAR	Applica- tions re- ceived <sup>1</sup>	Claims received	BENEFIT PAYMENTS		Amount of benefits <sup>3</sup> (\$1,000)	Number of benefici- aries	Accounts exhausted
			Number	Average amount <sup>2</sup>			
UNEMPLOYMENT BENEFITS							
1940.....	210, 823	1, 441, 213	(4)	(4)	14, 810	161, 000	29, 298
1945.....	8, 950	34, 874	27, 547	\$26.47	728	6, 000	628
1950.....	562, 294	3, 730, 733	3, 475, 121	32.72	113, 769	508, 000	83, 131
1955.....	370, 097	2, 784, 670	2, 594, 019	50.06	152, 668	320, 000	76, 531
1957.....	279, 219	1, 552, 942	1, 434, 468	58.23	83, 154	221, 000	28, 049
1958.....	301, 163	2, 746, 247	2, 695, 492	65.42	169, 214	312, 000	67, 298
1959.....	294, 650	2, 764, 721	2, 635, 604	\$ 67.09	193, 118	300, 000	89, 921
1960.....	253, 620	2, 026, 095	(6)	\$ 70.40	208, 554	300, 000	50, 897
1961 <sup>7</sup> .....	359, 021	2, 663, 037	2, 545, 538	\$ 80.40	206, 651	319, 000	68, 323
SICKNESS BENEFITS (including maternity benefits)							
1950.....	197, 023	890, 024	851, 780	41.16	29, 487	160, 000	22, 107
1955.....	204, 869	901, 461	912, 306	68.63	52, 388	151, 000	27, 365
1957.....	194, 179	915, 204	874, 807	71.29	50, 028	145, 000	25, 350
1958.....	204, 436	941, 508	896, 011	73.05	52, 544	153, 000	25, 089
1959.....	171, 210	875, 742	842, 401	\$ 76.28	54, 757	139, 000	25, 806
1960.....	189, 553	880, 362	847, 114	\$ 90.42	60, 080	142, 000	26, 078
1961.....	168, 799	827, 941	788, 070	91.44	54, 974	128, 000	24, 234

<sup>1</sup> Application submitted for unemployment when worker applies for unemployment benefits for first time with respect to benefit year, for sickness at the beginning of each spell of sickness. Beginning with 1950, data include some applications submitted in June with respect to following year.

<sup>2</sup> Per 2-week claim period.

<sup>3</sup> Adjusted for settlement of underpayments and recovery of overpayments.

<sup>4</sup> Not reported on comparable basis.

<sup>5</sup> Excludes retroactive payments made under 1959 amendments and (for unemployment) extended benefits.

<sup>6</sup> Not available.

<sup>7</sup> All data except applications received and accounts exhausted include temporary extended benefits.

<sup>8</sup> Includes regular and temporary extended benefits; average for normal benefits was \$79.61.

Source: Railroad Retirement Board; *Annual Report*. Data published currently in *The Monthly Review*.

# No. 393. UNEMPLOYMENT INSURANCE—STATE, FEDERAL CIVILIAN EMPLOYEE, KOREA VETERANS, AND EX-SERVICEMEN PROGRAMS: 1950 TO 1961

[In thousands, except as noted. All data, except as indicated, include Alaska and Hawaii; data on the Federal employee (UCFE), the Korea veterans (UCV), and the ex-serviceman's (UCX) programs also include Puerto Rico and Virgin Islands; beginning January 1961 State data include Puerto Rico. Includes data under (a) State programs for all periods shown, (b) UCFE program, effective January 1, 1955, (c) UCV program, i.e., veterans in service during Korean conflict, effective October 15, 1952, to January 31, 1960, and (d) UCX program, effective October 27, 1958. See also *Historical Statistics, Colonial Times to 1957*, series H 162-174, for data on State programs only]

PROGRAM AND ITEM	1950	1955	1957	1958	1959	1960	1961
<b>ALL REGULAR PROGRAMS<sup>1</sup></b>							
Initial claims.....	12,251	12,255	14,406	19,754	15,156	17,718	18,681
Weeks compensated.....	67,860	60,476	67,247	120,810	81,001	80,941	109,269
Average weekly beneficiaries.....	1,305	1,163	1,288	2,314	1,552	1,723	2,101
Benefits paid (millions) <sup>2</sup> .....	\$1,373	\$1,407	\$1,820	\$3,664	\$2,427	\$2,867	\$3,589
<b>STATE PROGRAMS</b>							
Average weekly insured unemployment <sup>3</sup> .....	1,497	1,248	1,466	2,503	1,682	1,906	2,290
Rate of insured unemployment (percent) <sup>4</sup> .....	4.6	3.5	3.5	6.3	4.4	4.8	5.6
Beneficiaries <sup>5</sup> .....	5,212	4,508	5,647	7,941	5,867	6,784	7,066
Final payments <sup>6</sup> .....	1,853	1,272	1,191	2,509	1,703	1,603	2,371
Average actual duration of benefits (weeks) <sup>6,7</sup> .....	13.0	12.4	11.6	14.8	13.1	12.7	14.7
Average weekly benefit (amount) <sup>8,9</sup> .....	\$20.76	\$25.04	\$28.21	\$30.58	\$30.41	\$32.87	\$33.80
Average monthly covered employment <sup>9</sup> .....	32,887	36,500	39,876	38,405	39,852	40,523	(10)
Total wages (millions).....	\$103,130	\$148,638	\$174,543	\$172,819	\$188,311	\$196,634	(10)
Taxable wages (millions) <sup>11</sup> .....	\$81,545	\$101,575	\$112,826	\$109,144	\$115,271	\$119,260	(10)
Average contribution rate payable (percent).....	1.50	1.18	1.31	1.32	1.71	1.88	(10)
Contributions collected (millions) <sup>12</sup> .....	\$1,191	\$1,209	\$1,544	\$1,471	\$1,056	\$2,289	\$2,450
Benefits paid (millions) <sup>2</sup> .....	\$1,373	\$1,350	\$1,734	\$3,513	\$2,279	\$2,727	\$3,423
Ratio of benefits to contributions (percent).....	115.2	111.7	112.3	238.8	116.5	119.1	139.7
Funds available for benefits, end of period (millions).....	\$6,972	\$8,264	\$8,662	\$6,953	\$6,892	\$6,643	\$5,802
<b>UCFE (FEDERAL EMPLOYEE) PROGRAM</b>							
Average monthly covered employment.....	-----	-----	2,410	2,385	2,375	2,388	(10)
Total wages (millions).....	-----	-----	\$11,084	\$11,093	\$12,619	\$13,074	(10)
Beneficiaries <sup>13</sup> .....	-----	93	87	119	103	94	94
Benefits paid <sup>2</sup> .....	-----	\$28,951	\$32,571	\$61,941	\$51,260	\$55,733	\$58,819
<b>UCV (KOREA VETERANS) PROGRAM<sup>14</sup></b>							
Beneficiaries <sup>6</sup> .....	-----	245	150	196	31	1	-----
Cumulative <sup>15</sup> .....	-----	757	1,085	1,281	1,313	1,314	-----
Final payments.....	-----	62	41	68	21	1	-----
Cumulative <sup>15</sup> .....	-----	139	225	294	314	315	-----
Benefits paid <sup>2</sup> .....	-----	\$87,668	\$53,086	\$82,035	\$17,391	\$401	-----
<b>UCX (EX-SERVICEMEN'S) PROGRAM<sup>16</sup></b>							
Beneficiaries.....	-----	-----	-----	40	200	207	222
Benefits paid <sup>2</sup> .....	-----	-----	-----	\$7,030	\$79,565	\$84,262	\$107,457

<sup>1</sup> Data represent unduplicated counts. Excludes temporary unemployment programs in 1958, 1959, and 1961; see table 395.

<sup>2</sup> Adjusted for voided benefit checks and transfers under interstate combined wage plan. For 1958, State amounts include \$81.5 million spent under State programs for temporarily extended duration of benefit payments; for 1959, \$54.3 million; for 1960, \$15.3 million; for 1961, \$24.0 million.

<sup>3</sup> Prior to 1959, excludes Alaska and Hawaii.

<sup>4</sup> Insured unemployment as a percent of average covered employment during a 12-month period.

<sup>5</sup> Includes the Federal employee program for January 1958-June 1959.

<sup>6</sup> Represents number of first payments during year.

<sup>7</sup> Number of weeks compensated divided by first payments.

<sup>8</sup> For total unemployment.

<sup>9</sup> Represents average employment on payroll ending nearest the 15th of the month.

<sup>10</sup> Not available.

<sup>11</sup> Wages subject to unemployment insurance tax. For 1950-1957, private industry coverage only; beginning 1958, also includes State and local government coverage.

<sup>12</sup> Includes contributions, penalties, and interest from employers; also employee contributions in States which tax workers.

<sup>13</sup> Represents number of first payments during year. Prior to 1959, includes data for employees filing for unemployment compensation to supplement benefits under other programs; beginning July 1959, excludes first payments filed jointly with State unemployment insurance programs.

<sup>14</sup> Program terminated Jan. 31, 1960.

<sup>15</sup> Cumulative from beginning of program, Oct. 15, 1952.

<sup>16</sup> The program for ex-servicemen (UCX), established under title XV of the Social Security Act, became effective Oct. 27, 1958.

Source: Department of Labor, Bureau of Employment Security.

# No. 394. UNEMPLOYMENT INSURANCE—AVERAGE EMPLOYMENT AND TOTAL AND TAXABLE WAGES COVERED, BY STATES: 1960

[For comparison with figures showing total nonagricultural employment (including employees not covered by unemployment insurance), see table 292. Corrected to April 1962]

STATE	Statutory coverage provisions <sup>1</sup>	STATE COVERAGE				FEDERAL EM- PLOYEE COVERAGE <sup>4</sup>	
		Average employ- ment <sup>2</sup> (1,000)	Wages (mil. dol.)		Average contribution rate payable (percent)	Average employ- ment (1,000)	Total wages (mil. dol.)
			Total <sup>3</sup>	Taxable <sup>4</sup>			
United States.....		40,524	196,633	119,258	1.88	2,388	13,074
Alabama.....	4 in 20 weeks.....	529	2,091	1,407	1.18	64	370
Alaska.....	1 at any time.....	33	264	225	2.91	16	105
Arizona.....	3 in 20 weeks.....	237	1,160	722	1.33	21	111
Arkansas.....	1 in 10 days.....	272	900	670	1.29	15	72
California.....	1 (time unspecified) <sup>5</sup> .....	3,833	21,071	13,715	1.96	255	1,435
Colorado.....	4 in 20 weeks.....	350	1,657	1,021	.54	36	198
Connecticut.....	3 in 13 weeks.....	758	3,847	2,202	2.08	15	79
Delaware.....	1 in 20 weeks.....	125	669	408	2.42	4	20
District of Columbia.....	1 at any time.....	257	1,232	655	.86	203	1,334
Florida.....	4 in 20 weeks <sup>7</sup> .....	911	3,832	2,562	1.15	52	276
Georgia.....	4 in 20 weeks.....	752	2,859	1,978	1.36	62	315
Hawaii.....	1 at any time.....	161	661	416	1.19	27	149
Idaho.....	1 (time unspecified) <sup>8</sup> .....	117	495	317	1.66	8	44
Illinois.....	4 in 20 weeks.....	2,635	14,151	7,977	2.05	102	538
Indiana.....	4 in 20 weeks.....	1,094	5,528	3,205	1.23	34	172
Iowa.....	4 in 20 weeks.....	448	1,999	1,260	.61	19	92
Kansas.....	4 in 20 weeks <sup>9</sup> .....	347	1,540	971	1.06	25	118
Kentucky.....	4 in 20 weeks <sup>10</sup> .....	447	1,885	1,232	2.20	30	149
Louisiana.....	4 in 20 weeks.....	550	2,368	1,511	1.56	25	128
Maine.....	4 in 20 weeks.....	192	762	536	1.63	9	46
Maryland.....	1 at any time.....	683	3,024	1,905	2.64	68	391
Massachusetts.....	1 in 13 weeks.....	1,518	6,908	4,263	1.88	64	351
Michigan.....	4 in 20 weeks.....	1,799	10,264	5,443	2.88	45	249
Minnesota.....	1 in 20 weeks <sup>11</sup> .....	712	3,361	1,932	1.13	27	137
Mississippi.....	4 in 20 weeks.....	270	911	674	1.96	18	94
Missouri.....	4 in 20 weeks.....	961	4,533	2,738	1.05	54	284
Montana.....	1 in 20 weeks <sup>12</sup> .....	110	473	318	2.20	10	51
Nebraska.....	4 in 20 weeks <sup>13</sup> .....	231	998	648	1.05	18	88
Nevada.....	1 (time unspecified) <sup>14</sup> .....	81	410	294	2.16	6	34
New Hampshire.....	4 in 20 weeks.....	154	615	412	1.65	14	83
New Jersey.....	4 in 20 weeks.....	1,555	8,160	4,677	2.20	57	318
New Mexico.....	1 (time unspecified) <sup>15</sup> .....	160	724	468	1.25	25	136
New York.....	2 at any time <sup>16</sup> .....	5,044	26,860	15,080	2.25	183	995
North Carolina.....	4 in 20 weeks.....	902	3,232	2,357	1.60	36	160
North Dakota.....	4 in 20 weeks.....	68	275	186	1.93	7	35
Ohio.....	3 at any time.....	2,427	12,834	7,257	1.48	92	522
Oklahoma.....	4 in 20 weeks.....	372	1,635	1,041	1.20	45	234
Oregon.....	1 (time unspecified) <sup>14</sup> .....	402	1,920	1,342	2.70	22	119
Pennsylvania.....	1 at any time.....	2,981	13,982	8,457	2.06	134	726
Rhode Island.....	1 at any time.....	239	990	704	2.60	14	70
South Carolina.....	4 in 20 weeks.....	426	1,479	1,100	1.13	27	133
South Dakota.....	4 in 20 weeks <sup>17</sup> .....	75	303	204	.81	10	51
Tennessee.....	4 in 20 weeks.....	657	2,693	1,755	1.71	38	209
Texas.....	4 in 20 weeks.....	1,775	7,803	4,908	.90	123	629
Utah.....	1 (time unspecified) <sup>18</sup> .....	182	812	506	1.45	28	154
Vermont.....	3 in 20 weeks.....	74	301	208	1.29	4	18
Virginia.....	4 in 20 weeks.....	704	2,794	1,885	.87	82	424
Washington.....	1 at any time.....	604	3,082	1,843	2.60	50	282
West Virginia.....	4 in 20 weeks.....	329	1,571	948	2.70	12	56
Wisconsin.....	4 in 20 weeks <sup>19</sup> .....	912	4,494	2,509	1.41	23	113
Wyoming.....	1 (time unspecified) <sup>20</sup> .....	69	315	207	1.31	6	30

<sup>1</sup> Employer becomes subject to State unemployment insurance law when he has employed specified minimum number of workers on at least 1 day in each of specified number of weeks within current or preceding calendar year; coverage provisions shown were in effect as of December 1960.

<sup>2</sup> Average of 12 monthly figures, each of which is total number of workers in covered employment in pay periods ending nearest 15th of month. <sup>3</sup> Total wages in covered employment for all pay periods ending in year.

<sup>4</sup> Wages subject to unemployment insurance tax. Includes State and local government coverage as well as private industry coverage; see text, p. 272.

<sup>5</sup> Includes 23,783 employees and \$142,704,000 wages, not reported by States and not shown for Puerto Rico and Virgin Islands. <sup>6</sup> And wages over \$100 in any quarter.

<sup>7</sup> Or 4 in 8 weeks and payroll over \$6,000 in any quarter. <sup>8</sup> And wages of \$150 in any quarter.

<sup>9</sup> Or 25 in 1 week. <sup>10</sup> Or 4 in 3 quarters of preceding year, and \$50 per quarter for each worker.

<sup>11</sup> Employers of fewer than 4 and outside corporate limits of a city, village, or borough of 10,000 inhabitants or more not liable for contributions unless subject to Federal Unemployment Tax Act.

<sup>12</sup> Or wages over \$500 in a calendar year. <sup>13</sup> Or wages of \$10,000 in any quarter.

<sup>14</sup> And wages of \$225 in any quarter. <sup>15</sup> And wages of \$450 in any quarter, or 2 in 13 weeks.

<sup>16</sup> And wages of \$300 in any quarter. <sup>17</sup> Or annual payroll of \$24,000 in current or preceding year not counting more than \$3,000 wages per employee in applying the test of \$24,000 in year. <sup>18</sup> And wages of \$140 in any quarter.

<sup>19</sup> Or wages of \$6,000 in any year or wages of \$10,000 in any quarter not counting more than \$1,000 wages per employee in applying the test of \$10,000 per quarter. <sup>20</sup> And wages of \$500 in any year.

Source: Department of Labor, Bureau of Employment Security.

# NO. 395. UNEMPLOYMENT INSURANCE—STATE, FEDERAL, AND TEMPORARY PROGRAMS, BY STATES AND OTHER AREAS: 1961

[In thousands, except average weekly benefit payments. Includes data for Puerto Rico beginning January 1961, when the Commonwealth's program became part of the Federal-State UI system. Corrected to February 1962]

STATE OR OTHER AREA	Average weekly insured unemployment <sup>1</sup>	STATE PROGRAMS			FEDERAL PROGRAMS				TEMPORARY PROGRAMS (STATE, UCX, UCFE)	
		Beneficiaries <sup>2</sup>	Amount benefits paid <sup>3</sup>	Average weekly payments <sup>4</sup>	Ex-servicemen (UCX)		Federal employees (UCFE)		Beneficiaries	Amount benefits paid
					Beneficiaries <sup>2,5</sup>	Amount benefits paid <sup>3</sup>	Beneficiaries <sup>2,5</sup>	Amount benefits paid		
Total.....	2,481	7,066	\$3,422,678	\$33.80	222	\$107,457	94	\$58,819	2,200	\$567,284
Alabama.....	34	95	30,381	23.14	4	1,660	2	868	46	7,774
Alaska.....	5	11	7,467	37.42	( <sup>7</sup> )	207	1	975	3	832
Arizona.....	12	37	13,095	30.68	2	849	1	588	9	1,798
Arkansas.....	22	57	16,046	22.56	3	1,180	1	904	16	2,408
California.....	255	767	473,951	40.98	23	11,747	12	10,904	230	70,454
Colorado.....	11	31	18,520	38.38	2	819	1	677	6	1,695
Connecticut.....	39	116	70,241	36.91	1	816	1	387	29	9,697
Delaware.....	5	21	10,086	35.50	( <sup>7</sup> )	202	( <sup>7</sup> )	64	6	1,506
Dist. of Col.....	7	20	6,624	26.53	1	383	4	2,309	7	1,550
Florida.....	44	127	43,663	28.05	6	2,211	1	690	46	8,534
Georgia.....	40	135	39,248	27.19	4	1,850	2	1,164	53	9,603
Hawaii.....	6	20	8,801	35.32	1	348	1	646	4	1,009
Idaho.....	7	22	10,497	35.49	1	585	1	451	6	1,180
Illinois.....	116	377	184,189	35.28	9	4,548	4	2,407	148	38,944
Indiana.....	64	195	72,944	31.69	5	2,778	2	886	77	15,281
Iowa.....	16	63	19,571	30.59	2	820	( <sup>7</sup> )	141	14	2,586
Kansas.....	14	46	20,412	34.49	2	803	1	909	12	3,157
Kentucky.....	37	89	38,600	29.46	4	2,555	1	803	36	8,748
Louisiana.....	36	80	45,215	30.20	3	2,238	1	1,004	25	8,129
Maine.....	16	53	15,383	22.20	2	648	1	201	6	906
Maryland.....	38	121	54,888	30.75	3	1,515	2	1,081	33	9,588
Massachusetts.....	88	275	138,206	37.14	5	2,437	3	1,814	73	17,319
Michigan.....	137	395	210,590	36.86	13	6,832	1	732	158	44,894
Minnesota.....	37	99	45,727	29.69	5	3,016	1	697	28	6,560
Mississippi.....	20	54	17,347	23.56	2	808	1	579	17	3,089
Missouri.....	60	147	52,220	29.11	5	2,177	2	713	37	8,770
Montana.....	9	25	11,260	28.27	1	534	1	484	6	1,276
Nebraska.....	7	26	9,421	30.37	1	296	( <sup>7</sup> )	208	5	1,020
Nevada.....	5	17	8,216	37.46	1	206	( <sup>7</sup> )	206	4	1,002
New Hampshire.....	8	28	8,385	27.36	1	311	( <sup>7</sup> )	169	4	850
New Jersey.....	96	311	149,807	33.60	6	2,737	2	1,196	104	28,401
New Mexico.....	9	25	11,795	29.27	1	712	1	566	5	1,047
New York.....	294	883	487,395	37.21	13	5,779	7	5,535	224	70,802
North Carolina.....	49	179	46,458	21.52	8	1,907	3	711	41	7,540
North Dakota.....	5	11	5,077	28.82	1	440	( <sup>7</sup> )	129	2	424
Ohio.....	144	381	264,766	41.64	11	6,571	4	3,352	153	62,937
Oklahoma.....	23	52	21,634	26.46	3	1,414	1	652	16	2,882
Oregon.....	27	76	38,972	35.40	3	1,327	2	732	19	4,984
Pennsylvania.....	245	610	341,230	32.77	18	11,716	4	3,322	176	40,552
Rhode Island.....	15	49	19,431	30.25	1	573	( <sup>7</sup> )	325	14	3,442
South Carolina.....	19	59	16,787	22.65	2	762	1	318	22	3,872
South Dakota.....	2	8	2,672	29.33	1	239	( <sup>7</sup> )	144	2	272
Tennessee.....	48	120	42,675	24.01	5	2,443	2	1,295	48	10,397
Texas.....	63	215	62,869	24.05	10	3,730	4	1,728	78	12,525
Utah.....	8	24	9,533	33.59	1	508	1	698	5	1,010
Vermont.....	5	14	6,416	29.01	1	258	( <sup>7</sup> )	100	3	583
Virginia.....	23	84	21,463	25.09	3	1,129	2	572	27	4,020
Washington.....	49	135	65,423	32.45	7	3,402	4	3,104	31	6,098
West Virginia.....	29	74	25,652	22.76	4	1,978	1	173	28	5,523
Wisconsin.....	41	155	68,077	40.24	5	2,519	2	719	28	6,173
Wyoming.....	3	13	6,575	41.06	( <sup>7</sup> )	209	( <sup>7</sup> )	281	3	678
Puerto Rico.....	16	48	6,756	13.29	3	1,573	1	265	26	2,726
Virgin Islands.....	( <sup>7</sup> )	( <sup>8</sup> )	( <sup>9</sup> )	( <sup>6</sup> )	( <sup>7</sup> )	3	( <sup>7</sup> )	3	( <sup>7</sup> )	( <sup>7</sup> )

<sup>1</sup> Comprises insured unemployment under State, UCX, UCFE, and railroad program; latter program included in total but not distributed by State.

<sup>2</sup> Represents number of first payments during year; Wisconsin figure, first payments on a "per employer" basis.

<sup>3</sup> Adjusted for voided benefit checks and transfers under interstate combined wage plan.

<sup>4</sup> For total unemployment.

<sup>5</sup> Excludes data on ex-servicemen filing for unemployment compensation payments to supplement benefits under State and/or UCFE programs.

<sup>6</sup> Excludes data on Federal employees filing for unemployment compensation payments to supplement benefits under State programs. <sup>7</sup> Less than 500. <sup>8</sup> Not applicable.

Source: Department of Labor, Bureau of Employment Security.

**No. 396. UNEMPLOYMENT INSURANCE—CONTRIBUTIONS COLLECTED AND BENEFITS PAID UNDER STATE LAWS, BY STATES AND PUERTO RICO: 1960 AND 1961**

[In thousands of dollars, except ratios. As of January 1, 1961, includes Puerto Rico. Corrected to February 1962]

STATE	FUNDS AVAILABLE FOR BENEFITS <sup>1</sup> (end of year)			CONTRIBUTIONS COLLECTED <sup>2</sup>		BENEFITS PAID <sup>3</sup>		RATIO OF BENEFITS TO CONTRIBUTIONS (percent)	
	1959	1960	1961	1960	1961	1960	1961	1960	1961
<b>Total</b> .....	6,892,173	6,643,257	5,802,058	2,288,500	2,449,679	2,726,656	3,422,678	119.1	139.7
Alabama.....	61,390	53,975	47,153	18,015	22,305	27,163	30,381	150.8	136.2
Alaska.....	2,608	4,860	5,454	7,291	8,061	5,539	7,467	76.0	92.6
Arizona.....	60,089	62,391	61,323	9,781	10,264	9,294	13,096	95.0	127.0
Arkansas.....	39,405	36,762	31,219	8,814	9,483	12,542	16,046	142.3	169.2
California.....	882,345	801,581	571,708	285,807	301,544	385,930	473,951	135.0	157.2
Colorado.....	69,279	61,871	57,525	5,922	11,766	15,258	18,520	257.6	157.4
Connecticut.....	172,375	168,558	150,572	46,222	46,549	55,103	70,241	119.2	150.9
Delaware.....	8,486	11,953	10,360	9,918	8,187	6,746	10,086	68.0	123.2
Dist. of Col.....	00,076	62,438	63,762	6,021	6,021	5,483	6,024	91.0	110.0
Florida.....	99,471	102,457	100,524	31,855	30,136	31,740	43,683	99.6	111.6
Georgia.....	143,655	144,588	135,316	27,280	26,204	30,389	39,248	111.4	149.8
Hawaii.....	24,108	25,813	22,473	4,951	5,197	4,501	8,801	90.0	169.3
Idaho.....	30,741	28,373	26,125	5,329	7,494	8,535	10,497	160.2	140.1
Illinois.....	323,021	355,959	344,820	158,986	162,894	136,148	184,180	85.6	113.1
Indiana.....	173,972	168,220	136,057	41,695	36,211	52,448	72,944	125.8	201.4
Iowa.....	118,217	115,475	107,475	8,312	8,251	14,486	19,571	174.3	237.2
Kansas.....	80,179	72,066	64,299	10,456	10,741	20,526	20,412	196.3	190.0
Kentucky.....	105,433	104,084	94,127	27,300	25,689	31,762	38,600	116.3	150.3
Louisiana.....	132,894	120,981	101,589	23,052	23,072	37,853	45,215	164.2	196.0
Maine.....	31,728	28,503	23,360	8,796	9,456	12,922	15,383	146.9	162.7
Maryland.....	66,709	67,709	73,106	49,396	58,443	50,769	54,888	102.8	93.9
Massachusetts.....	253,125	221,288	180,331	80,387	88,059	118,816	138,206	147.8	156.9
Michigan.....	205,159	220,114	188,924	156,229	147,808	147,301	210,590	92.6	142.5
Minnesota.....	75,908	63,761	42,032	22,681	22,386	36,784	45,727	182.5	204.3
Mississippi.....	32,696	32,723	29,749	13,355	13,386	14,206	17,347	107.0	129.6
Missouri.....	208,199	201,724	194,427	29,527	38,800	41,317	52,229	139.9	134.6
Montana.....	30,062	26,064	23,519	6,547	8,010	11,189	11,260	170.9	140.6
Nebraska.....	39,898	40,302	39,603	6,708	7,620	7,443	9,421	111.0	128.6
Nevada.....	17,094	17,706	17,177	6,326	7,188	6,211	8,216	98.2	114.3
New Hampshire.....	23,233	24,007	22,983	6,975	6,677	6,897	8,385	98.9	125.6
New Jersey.....	343,685	337,183	316,293	115,002	124,783	131,486	149,807	114.3	120.1
New Mexico.....	44,165	42,340	37,820	5,951	5,832	8,939	11,795	150.2	202.2
New York.....	1,027,466	999,028	950,354	340,228	420,985	397,808	487,395	116.9	115.8
North Carolina.....	178,422	186,565	181,756	38,340	36,107	35,607	46,458	92.9	128.7
North Dakota.....	8,418	7,351	6,414	3,638	3,958	4,913	5,077	135.0	128.3
Ohio.....	395,276	310,541	145,705	110,405	99,133	206,113	264,756	186.7	267.1
Oklahoma.....	41,298	36,998	30,970	12,364	13,879	17,808	21,634	144.0	155.9
Oregon.....	38,909	47,470	44,531	35,641	35,919	28,150	38,972	79.0	108.5
Pennsylvania.....	182,120	174,508	114,779	260,109	260,420	285,271	341,230	106.1	131.0
Rhode Island.....	29,007	32,968	33,339	19,216	18,870	10,164	19,431	84.1	108.0
South Carolina.....	74,106	76,526	74,456	12,531	12,559	12,234	16,787	97.6	133.7
South Dakota.....	15,445	15,172	15,113	1,733	2,162	2,452	2,672	141.5	123.6
Tennessee.....	76,419	74,451	64,378	30,154	30,658	34,210	42,675	113.5	139.2
Texas.....	257,169	249,858	241,510	43,270	47,000	58,252	62,869	134.6	133.8
Utah.....	37,787	38,045	37,581	7,334	7,678	8,178	9,533	111.5	124.2
Vermont.....	14,621	13,856	10,807	2,689	3,059	4,063	6,416	151.1	209.7
Virginia.....	85,686	88,587	91,482	18,548	21,095	16,716	21,493	90.1	98.9
Washington.....	204,920	202,201	193,982	49,992	50,202	58,830	65,423	117.7	130.3
West Virginia.....	32,568	35,445	35,154	25,885	24,375	24,040	25,052	92.9	105.2
Wisconsin.....	210,369	216,117	194,449	35,780	38,430	45,618	68,077	127.2	177.1
Wyoming.....	13,690	12,441	9,093	2,802	2,924	4,421	6,575	157.8	224.9
Puerto Rico.....	-----	-----	35,002	-----	12,145	-----	6,756	-----	55.6

<sup>1</sup> Sum of balances in State clearing account and benefit-payment account, and in State unemployment trust fund account in U.S. Treasury. State unemployment trust fund accounts include interest credited.

<sup>2</sup> Contributions, penalties, and interest from employers and contributions from employees. Adjusted for refunds of contributions and for dishonored contribution checks.

<sup>3</sup> Adjusted for voided benefit checks.

Source: Department of Labor, Bureau of Employment Security.

## No. 397. PUBLIC EMPLOYMENT OFFICES—SELECTED ACTIVITIES: 1945 TO 1961

[In thousands. Includes Alaska, Hawaii, Puerto Rico, and Virgin Islands and, beginning 1953, Guam. Corrected to February 1962]

YEAR AND QUARTER	New applications	Counseling interviews	PLACEMENTS				
			Total	Nonagricultural			
				Total	Men	Veterans	Handicapped
1945.....	5,757	(1)	10,811	9,808	6,884	1,198	300
1946.....	10,404	1,400	7,140	5,519	3,826	2,046	215
1947.....	6,867	1,398	6,328	5,280	3,540	1,836	230
1948.....	6,754	1,206	11,910	5,386	3,491	1,663	220
1949.....	8,524	952	13,508	4,443	2,617	1,152	165
1950.....	7,752	1,297	13,400	5,625	3,481	1,441	227
1951.....	7,330	1,321	15,328	6,552	4,085	1,527	271
1952.....	7,273	1,296	15,555	6,501	3,920	1,483	259
1953.....	7,865	1,273	15,582	6,295	3,721	1,499	255
1954.....	9,054	1,244	14,070	5,158	2,846	1,237	188
1955.....	7,983	1,453	14,958	6,052	3,494	1,548	264
1956.....	8,338	1,457	15,157	6,085	3,516	1,529	265
1957.....	9,181	1,538	14,293	5,724	3,220	1,370	287
1958.....	10,414	1,612	14,408	5,126	2,860	1,183	251
1959.....	9,282	1,766	15,855	6,097	3,480	1,304	295
1960.....	10,117	1,778	15,267	5,818	3,261	1,158	274
1961.....	10,502	1,876	14,708	5,902	3,311	1,109	256

<sup>1</sup> Not available.

Source: Department of Labor, Bureau of Employment Security.

## No. 398. PUBLIC EMPLOYMENT OFFICES—SELECTED ACTIVITIES, BY STATES AND OTHER AREAS: 1961

[In thousands. Corrected to February 1962]

STATE OR OTHER AREA	New applications	Counseling interviews	PLACEMENTS		STATE OR OTHER AREA	New applications	Counseling interviews	PLACEMENTS	
			Total	Non-agricultural				Total	Non-agricultural
Total.....	10,502	1,876	14,708	5,902	Nebraska.....	57	12	88	54
Alabama.....	139	15	170	93	Nevada.....	35	4	36	28
Alaska.....	17	2	8	8	New Hampshire.....	34	9	21	17
Arizona.....	120	20	689	95	New Jersey.....	324	36	281	142
Arkansas.....	149	26	447	92	New Mexico.....	58	8	64	42
California.....	1,344	204	950	580	New York.....	882	188	941	796
Colorado.....	119	21	204	97	North Carolina.....	242	39	757	149
Connecticut.....	177	20	111	99	North Dakota.....	25	6	38	26
Delaware.....	16	5	15	7	Ohio.....	600	140	425	205
Dist. of Columbia.....	73	29	46	46	Oklahoma.....	106	23	190	133
Florida.....	223	26	362	207	Oregon.....	120	28	410	60
Georgia.....	170	24	262	130	Pennsylvania.....	606	156	495	241
Hawaii.....	34	4	15	12	Rhode Island.....	49	11	30	29
Idaho.....	67	10	207	53	South Carolina.....	96	9	237	76
Illinois.....	456	78	296	197	South Dakota.....	28	5	36	25
Indiana.....	254	29	120	75	Tennessee.....	142	28	881	103
Iowa.....	110	22	116	82	Texas.....	629	122	1,052	519
Kansas.....	96	19	127	92	Utah.....	55	16	71	44
Kentucky.....	139	31	203	54	Vermont.....	22	2	14	12
Louisiana.....	134	19	408	74	Virginia.....	147	38	132	88
Maine.....	45	11	37	25	Washington.....	156	35	334	83
Maryland.....	151	28	160	70	West Virginia.....	89	19	42	32
Massachusetts.....	284	47	216	165	Wisconsin.....	201	35	147	100
Michigan.....	724	79	262	129	Wyoming.....	22	3	23	16
Minnesota.....	179	20	160	107	Puerto Rico.....	145	25	66	51
Mississippi.....	133	29	1,914	97	Guam.....	2	(1)	1	1
Missouri.....	234	40	317	93	Virgin Islands.....	5	1	5	5
Montana.....	47	17	70	37					

<sup>1</sup> Less than 500.

Source: Department of Labor, Bureau of Employment Security.



## No. 399. WORKMEN'S COMPENSATION PAYMENTS, BY STATES: 1940 TO 1960

[In thousands of dollars. Estimated by Social Security Administration. 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)*), net disbursements of State funds (from *Spectator* and State reports; estimated for some States), and self-insurance payments (estimated from available State data). Calendar-year data, except fiscal-year data for Federal employees and for a few States with State funds. Includes benefit payments under Longshoremen's and Harbor Workers' Compensation Act and Defense Base Compensation Act for States in which such payments are made]

STATE	1940	1945	1950	1955	1956	1957	1958	1959	1960
<b>Total</b>	<b>255,653</b>	<b>408,374</b>	<b>614,702</b>	<b>915,433</b>	<b>1,002,578</b>	<b>1,061,924</b>	<b>1,111,353</b>	<b>1,209,809</b>	<b>1,290,314</b>
Alabama	1,061	2,048	2,137	4,268	4,862	5,550	8,327	8,504	8,607
Alaska								2,329	2,923
Arizona	1,527	3,865	5,473	7,030	7,972	8,600	9,333	10,790	12,113
Arkansas	23	2,379	3,500	5,156	5,603	6,370	6,703	7,026	7,500
California	19,950	40,608	58,452	89,359	98,031	107,200	119,087	132,511	150,979
Colorado	2,492	2,985	3,418	6,514	7,190	8,039	8,715	9,781	10,525
Connecticut	3,500	7,202	9,500	15,938	16,812	18,165	17,844	19,142	19,869
Delaware	316	438	744	1,200	1,445	1,604	1,626	1,925	1,959
Dist. of Columbia	1,441	1,193	2,360	2,550	2,925	3,476	3,757	3,955	4,069
Florida	1,880	4,193	7,418	18,011	20,810	23,992	26,709	27,380	30,050
Georgia	1,492	2,921	4,757	7,617	9,333	9,714	10,334	10,828	11,032
Hawaii								3,482	4,445
Idaho	1,210	1,193	2,218	3,508	3,860	4,084	4,377	4,444	4,927
Illinois	14,210	23,530	31,147	45,688	53,326	56,544	58,125	61,261	67,444
Indiana	3,779	6,625	8,920	13,064	16,538	16,692	16,860	19,605	21,014
Iowa	1,870	2,666	4,985	6,707	7,759	7,994	7,869	8,605	9,348
Kansas	1,587	2,977	4,260	8,176	9,442	9,810	10,308	11,893	12,978
Kentucky	3,087	4,000	6,987	9,314	10,491	11,329	11,062	11,553	12,143
Louisiana	3,369	6,952	11,400	19,573	22,254	26,114	28,210	25,338	26,462
Maine	991	2,224	1,600	2,387	2,427	2,630	2,771	3,071	3,230
Maryland	2,711	5,853	6,895	12,087	13,995	14,820	16,943	18,364	20,187
Massachusetts	7,415	11,771	23,676	33,361	36,517	37,892	37,858	41,335	45,357
Michigan	9,071	14,623	23,123	31,049	34,819	38,287	40,081	42,151	50,301
Minnesota	3,754	5,853	9,662	14,949	16,508	17,501	18,464	20,024	22,033
Mississippi	11	34	2,272	4,718	5,520	5,083	6,200	7,423	8,371
Missouri	4,035	8,365	10,049	16,613	17,945	19,502	20,063	20,798	22,617
Montana	2,093	2,003	2,544	4,238	4,878	5,372	5,403	5,401	5,401
Nebraska	967	1,334	2,360	3,540	3,777	3,675	3,676	4,287	4,468
Nevada	828	1,046	1,659	3,616	4,125	4,326	4,333	4,166	4,422
New Hampshire	704	1,002	1,670	2,386	2,635	2,795	2,671	3,635	3,741
New Jersey	12,419	21,961	20,164	44,179	45,463	49,287	54,113	56,420	59,880
New Mexico	566	652	2,330	4,812	5,513	5,511	5,984	7,621	7,070
New York	51,211	74,255	115,079	143,009	149,038	151,948	154,921	166,113	164,530
North Carolina	1,962	3,542	6,354	10,026	11,041	11,608	12,213	13,823	14,939
North Dakota	600	743	1,100	1,895	1,914	2,072	2,088	2,412	2,438
Ohio	16,895	25,603	40,441	69,314	76,562	75,502	76,064	85,107	94,495
Oklahoma	3,304	6,456	8,082	13,248	15,404	15,019	15,451	15,477	15,172
Oregon	4,277	5,066	8,985	15,721	18,605	19,323	22,002	23,729	25,598
Pennsylvania	22,774	24,552	30,831	37,830	42,028	43,963	43,281	45,958	48,431
Rhode Island	1,153	5,449	3,800	5,926	5,964	6,470	6,538	6,651	7,573
South Carolina	1,072	2,606	4,123	5,239	5,571	5,698	6,175	7,009	8,138
South Dakota	268	355	950	1,120	1,120	1,106	1,340	1,494	1,900
Tennessee	1,527	4,027	5,349	9,529	11,186	12,512	12,118	13,387	14,256
Texas	8,124	18,218	33,380	50,027	54,136	58,423	59,727	65,433	69,740
Utah	1,109	1,312	1,859	2,461	3,021	3,250	3,307	3,331	3,460
Vermont	386	522	900	1,200	1,465	1,655	1,665	1,857	1,720
Virginia	2,085	3,361	5,559	8,169	9,222	10,101	10,823	12,083	12,077
Washington	5,756	9,688	14,573	19,351	19,416	20,877	21,936	23,764	25,122
West Virginia	5,756	7,735	9,632	12,372	13,068	13,715	13,966	14,662	14,325
Wisconsin	5,662	9,162	13,356	16,697	18,728	18,637	18,634	21,651	22,067
Wyoming	422	503	1,011	1,361	1,415	1,886	1,839	1,647	1,616
Federal employees:									
Civilian	13,035	12,955	22,236	33,369	34,537	37,453	40,076	41,551	42,320
Other		298	1,134	14,953	16,094	18,639	19,514	27,703	17,602

<sup>1</sup> Prior to 1950, excludes Alaska and Hawaii, except data for Federal employees are for all employees regardless of where stationed.

Source: Department of Health, Education, and Welfare, Social Security Administration. Preliminary estimates appear periodically in *Social Security Bulletin*.

### No. 400. WORKMEN'S COMPENSATION PAYMENTS, BY TYPE OF BENEFIT AND OF INSURANCE: 1940 TO 1960

[In millions of dollars. Prior to 1959 excludes Alaska and Hawaii, except that data for payments to Federal employees are for all employees regardless of where stationed. See also *Historical Statistics, Colonial Times to 1967*, series H 175-185]

YEAR	Total payments	TYPE OF BENEFIT				TYPE OF INSURANCE					
		Medical and hospitalization payments	Compensation payments			Insurance losses paid by private carriers <sup>1</sup>		State fund disbursements <sup>2</sup>		Self-insurance payments <sup>3</sup>	
			Total	Disability	Survivor	Amount	Per cent of total	Amount	Per cent of total	Amount	Per cent of total
1940.....	256	95	161	129	32	135	52.7	73	28.4	48	18.9
1945.....	408	125	283	241	42	253	61.9	91	22.3	65	15.8
1950.....	615	200	415	360	55	381	62.0	149	24.2	85	13.8
1955.....	915	325	590	520	70	563	61.4	238	26.1	114	12.5
1956.....	1,003	350	653	578	75	618	61.7	259	25.8	125	12.5
1957.....	1,062	365	697	617	80	661	62.2	272	25.6	129	12.2
1958.....	1,111	380	731	646	85	694	62.5	285	25.7	132	11.9
1959.....	1,210	410	800	710	90	753	62.2	316	26.1	141	11.7
1960.....	1,290	435	855	760	95	814	63.1	324	25.1	152	11.8

Net cash and medical benefits paid during calendar year by private insurance carriers under standard workmen's compensation policies. Data primarily from *Inspector (Insurance by States, of . . . Casualty Lines)*.

<sup>2</sup> Net cash and medical benefits paid by competitive and exclusive State funds, and Federal system for Government employees. Compiled from State reports (published and unpublished) and from *Inspector* or other insurance publications; data for fiscal years for some funds.

<sup>3</sup> Cash and medical benefits paid by self-insurers, plus value of medical benefits paid by employers carrying workmen's compensation policies that exclude standard medical coverage. Estimated from available State data.

Source: Department of Health, Education, and Welfare, Social Security Administration; data appear periodically in *Social Security Bulletin*.

### No. 401. PUBLIC ASSISTANCE—RECIPIENTS AND PAYMENTS, BY PROGRAM: 1950 TO 1961

[Includes Alaska and Hawaii; beginning October 1950, Puerto Rico and Virgin Islands; and beginning July 1959, Guam. Except for general assistance, includes vendor payments for medical care and cases receiving only such payments. See also *Historical Statistics, Colonial Times to 1967*, series H 186-198]

PROGRAM	1950	1955	1957	1958	1959	1960	1961
NUMBER OF RECIPIENTS <sup>1</sup> (1,000)							
Old-age assistance.....	2,789	2,553	2,487	2,455	2,304	2,332	2,268
Medical assistance for the aged <sup>2</sup> .....						15	72
Aid to dependent children:							
Families.....	652	603	667	756	779	806	920
Recipients <sup>3</sup> .....	2,234	2,193	2,498	2,851	2,053	3,080	3,575
Children.....	1,662	1,081	1,913	2,185	2,273	2,377	2,765
Aid to the blind.....	98	106	108	110	109	108	103
Aid to the permanently and totally disabled.....	69	244	291	328	350	374	396
General assistance (cases).....	413	314	345	434	399	431	411
AVERAGE MONTHLY PAYMENT <sup>1</sup>							
Old-age assistance.....	\$43.95	\$53.93	\$60.09	\$64.08	\$65.99	\$68.45	\$68.78
Medical assistance for the aged <sup>2</sup> .....						196.84	192.90
Aid to dependent children:							
Per family.....	72.42	88.61	100.73	106.59	110.04	114.86	121.87
Per recipient <sup>3</sup> .....	21.13	24.35	26.90	28.29	20.03	30.07	31.28
Aid to the blind.....	46.56	58.08	66.35	68.29	71.81	73.17	74.67
Aid to the permanently and totally disabled.....	45.41	56.18	60.15	62.58	64.94	67.64	70.46
General assistance (per case).....	46.65	55.03	59.74	63.94	60.61	71.62	67.93
TOTAL PAYMENTS FOR YEAR (\$1,000)							
Total <sup>4</sup> .....	2,595,395	2,756,865	3,099,036	3,433,554	3,679,994	3,804,327	4,114,150
Old-age assistance.....	1,469,869	1,608,137	1,773,028	1,829,038	1,853,031	1,927,806	1,880,967
Medical assistance for the aged <sup>2</sup> .....						5,363	112,995
Aid to dependent children.....	553,697	639,065	754,731	895,014	1,002,715	1,062,514	1,235,463
Aid to the blind.....	52,866	71,127	83,562	87,351	90,658	91,218	93,236
Aid to the permanently and totally disabled.....	8,129	156,456	200,822	228,207	260,045	288,155	317,232
General assistance.....	295,383	214,265	213,381	307,258	344,430	322,465	350,099

<sup>1</sup> As of December.

<sup>2</sup> Program initiated November 1960 under the Social Security Act Amendment of 1960.

<sup>3</sup> Includes children and 1 parent or other adult in families in which adult was considered in determining amount of assistance.

<sup>4</sup> Total includes vendor payments for medical care from general assistance funds.

Source: Department of Health, Education, and Welfare, Social Security Administration; data appear periodically in *Social Security Bulletin*.

No. 402. PUBLIC ASSISTANCE—FEDERAL GRANTS TO STATES FOR PUBLIC ASSISTANCE, BY PROGRAM, 1955 TO 1961, AND BY STATES AND OTHER AREAS, 1961  
 [In thousands of dollars. For years ending June 30. Based on checks issued in specified year, excluding any amounts paid during the year for a prior or subsequent year]

YEAR AND STATE OR OTHER AREA	Total	Old-age assistance	Aid to dependent children	Aid to the blind	Aid to the permanently and totally disabled	Medical assistance for the aged <sup>1</sup>
1955.....	1,423,907	920,791	385,233	36,467	81,416	-----
1956.....	1,446,116	922,539	396,291	37,618	90,669	-----
1957.....	1,480,801	938,284	448,210	41,361	108,506	-----
1958.....	1,745,173	1,052,708	525,318	44,192	122,955	-----
1959.....	1,957,098	1,132,194	626,546	47,619	150,739	-----
1960.....	2,033,761	1,157,523	660,232	48,824	167,182	-----
1961						
Total.....	2,180,466	1,211,709	704,108	48,517	182,625	33,507
Alabama.....	61,200	47,511	8,763	606	4,320	-----
Alaska.....	1,845	734	1,054	57	-----	-----
Arizona.....	17,227	7,686	9,032	809	-----	-----
Arkansas.....	35,064	26,864	4,353	1,036	2,811	-----
California.....	239,515	142,926	82,570	7,302	6,717	-----
Colorado.....	39,246	27,830	8,053	166	3,197	-----
Connecticut.....	17,317	8,549	7,847	162	1,259	-----
Delaware.....	2,332	544	1,431	139	218	-----
District of Columbia.....	9,409	1,716	6,092	121	1,540	-----
Florida.....	57,229	35,641	14,677	1,349	5,562	-----
Georgia.....	67,393	41,759	13,174	1,720	10,740	-----
Hawaii.....	3,951	794	2,545	43	569	-----
Idaho.....	7,672	4,461	2,470	60	651	-----
Illinois.....	95,638	41,585	41,752	1,684	10,617	-----
Indiana.....	25,854	13,000	10,852	1,042	-----	-----
Iowa.....	32,144	21,081	9,907	848	308	-----
Kansas.....	27,239	17,648	6,837	343	2,411	-----
Kentucky.....	48,247	25,909	17,131	1,098	3,934	175
Louisiana.....	106,597	75,161	20,801	1,645	8,990	-----
Maine.....	13,551	6,811	5,230	239	1,271	-----
Maryland.....	18,364	4,979	9,655	240	3,465	25
Massachusetts.....	75,605	42,110	14,107	1,138	5,969	12,341
Michigan.....	65,708	33,813	25,457	922	2,693	2,823
Minnesota.....	39,887	27,750	10,203	586	1,348	-----
Mississippi.....	41,029	26,697	7,764	2,240	4,228	-----
Missouri.....	89,342	57,089	21,949	2,280	8,024	-----
Montana.....	5,991	3,218	1,909	187	677	-----
Nebraska.....	14,065	9,184	3,145	469	1,207	-----
Nevada.....	2,678	1,493	1,077	108	-----	-----
New Hampshire.....	4,442	2,888	1,148	139	267	-----
New Jersey.....	30,847	10,504	15,917	535	3,891	-----
New Mexico.....	17,607	6,944	8,913	209	1,541	-----
New York.....	165,371	49,231	77,374	2,248	20,539	15,979
North Carolina.....	52,407	19,721	21,000	2,673	9,013	-----
North Dakota.....	7,670	4,772	2,113	60	725	-----
Ohio.....	86,107	48,241	28,910	1,927	7,029	-----
Oklahoma.....	81,393	56,949	17,312	1,069	5,799	264
Oregon.....	18,586	9,760	5,957	134	2,735	-----
Pennsylvania.....	92,545	26,505	53,892	3,458	8,690	-----
Rhode Island.....	10,215	3,956	4,539	60	1,651	-----
South Carolina.....	21,950	12,310	5,564	751	3,325	-----
South Dakota.....	8,667	4,733	3,154	95	685	-----
Tennessee.....	48,438	22,313	15,598	1,187	4,340	-----
Texas.....	124,331	103,228	14,314	3,288	3,501	-----
Utah.....	10,049	4,807	3,674	116	1,452	-----
Vermont.....	5,060	3,239	1,251	69	501	-----
Virginia.....	20,437	7,039	9,190	673	3,625	-----
Washington.....	44,074	27,838	11,552	387	3,830	467
West Virginia.....	20,543	7,092	17,923	392	2,940	1,106
Wisconsin.....	32,030	19,950	9,468	534	2,078	-----
Wyoming.....	2,890	1,859	719	33	288	-----
Puerto Rico.....	9,004	2,198	5,199	100	1,288	219
Guam.....	84	18	55	1	10	-----
Virgin Islands.....	275	109	124	3	23	16

<sup>1</sup> Program initiated November 1960 under the Social Security Act Amendment of 1960.

Source: Department of Health, Education, and Welfare, Social Security Administration; data appear periodically in *Social Security Bulletin*.

# No. 403. PUBLIC ASSISTANCE—RECIPIENTS OF ASSISTANCE, BY PROGRAM, BY STATES AND OTHER AREAS: 1961

[As of December. Except for general assistance, includes cases receiving vendor payments for medical care]

STATE OR OTHER AREA	Old-age assist- ance	Medical assistance for the aged <sup>1</sup>	AID TO DEPENDENT CHILDREN			Aid to the blind	Aid to the perma- nently and totally disabled	General assist- ance (cases)
			Families	Recipients				
				Total number <sup>2</sup>	Children			
<b>Total</b> .....	<b>2, 267, 670</b>	<b>72, 159</b>	<b>919, 779</b>	<b>3, 574, 781</b>	<b>2, 764, 505</b>	<b>4 103, 425</b>	<b>395, 530</b>	<b>5 411, 000</b>
Alabama.....	100, 252		21, 536	80, 305	67, 707	1, 608	12, 299	76
Alaska.....	1, 395		1, 245	4, 310	3, 244	99		290
Arizona.....	14, 018		9, 023	36, 598	28, 420	884		3, 870
Arkansas.....	55, 842	662	6, 845	26, 244	20, 203	1, 962	7, 528	412
California.....	253, 530		88, 381	318, 356	251, 479	4 13, 378	16, 217	41, 552
Colorado.....	50, 649		8, 380	32, 485	25, 561	265	5, 688	1, 686
Connecticut.....	13, 945		8, 786	30, 896	23, 229	287	2, 361	4, 197
Delaware.....	1, 102		2, 288	9, 598	7, 498	258	455	1, 753
District of Columbia.....	3, 049		6, 611	25, 416	20, 175	207	2, 679	1, 694
Florida.....	70, 445		25, 430	94, 154	75, 106	2, 487	11, 856	9 9, 700
Georgia.....	93, 929		16, 844	63, 486	49, 246	3, 612	23, 719	2, 761
Hawaii.....	1, 240	177	2, 063	10, 307	8, 197	83	940	
Idaho.....	6, 072	1, 076	2, 398	9, 110	6, 769	135	1, 814	(7)
Illinois.....	68, 491		52, 308	225, 456	175, 847	2, 904	22, 027	45, 465
Indiana.....	25, 551		12, 220	45, 720	34, 745	1, 882		5 21, 700
Iowa.....	32, 645		9, 927	39, 921	28, 071	1, 374	751	4 4, 100
Kansas.....	26, 826		6, 637	25, 548	20, 254	576	4, 157	3, 325
Kentucky.....	58, 087	1, 643	21, 936	78, 455	58, 902	2, 427	8, 449	2, 401
Louisiana.....	126, 868	8	22, 717	93, 993	73, 268	2, 764	17, 081	8, 562
Maine.....	11, 202		6, 904	21, 057	15, 024	410	2, 210	3, 219
Maryland.....	9, 548	6, 814	11, 384	48, 234	38, 038	413	6, 319	4, 116
Massachusetts.....	62, 075	18, 455	17, 925	61, 792	46, 313	2, 220	10, 198	7, 036
Michigan.....	64, 779	4, 253	31, 362	112, 942	83, 237	1, 711	5, 785	39, 831
Minnesota.....	44, 843		10, 964	38, 339	30, 038	1, 046	2, 726	9, 809
Mississippi.....	30, 016		20, 491	80, 181	62, 946	4, 142	12, 930	6 879
Missouri.....	111, 764		26, 692	103, 008	78, 530	4 4, 916	15, 317	9, 332
Montana.....	6, 389		1, 996	7, 551	5, 929	311	1, 293	1, 604
Nebraska.....	13, 979		3, 207	12, 435	9, 576	739	2, 108	1, 030
Nevada.....	2, 513		1, 540	4, 758	3, 785	187		289
New Hampshire.....	4, 739	25	1, 107	4, 352	3, 323	239	467	818
New Jersey.....	18, 660		19, 844	71, 532	54, 469	930	7, 353	8 8, 873
New Mexico.....	10, 911		7, 377	28, 899	22, 260	345	2, 770	2, 770
New York.....	99, 360	28, 841	34, 376	348, 156	266, 067	3, 371	35, 212	33, 570
North Carolina.....	46, 713		28, 410	112, 907	87, 005	5, 022	20, 641	1, 814
North Dakota.....	6, 404	689	1, 573	9, 968	5, 434	92	1, 186	745
Ohio.....	89, 112		33, 722	134, 611	102, 625	3, 451	14, 624	39, 837
Oklahoma.....	87, 050	200	19, 113	69, 457	52, 982	1, 777	10, 578	8, 014
Oregon.....	16, 153		7, 777	28, 704	21, 729	256	4, 874	4, 051
Pennsylvania.....	49, 224		68, 137	277, 205	212, 247	4 18, 047	17, 739	35, 944
Rhode Island.....	6, 412		5, 163	19, 454	14, 793	118	2, 866	2, 393
South Carolina.....	29, 780	161	9, 149	36, 592	29, 111	1, 692	8, 007	1, 560
South Dakota.....	8, 436		3, 068	10, 717	8, 127	156	1, 107	323
Tennessee.....	52, 460	431	22, 611	84, 838	64, 563	2, 559	11, 067	2, 324
Texas.....	219, 238		19, 120	79, 214	60, 427	6, 179	7, 595	9 9, 500
Utah.....	5, 564	27	4, 247	16, 088	12, 238	172	3, 172	1, 541
Vermont.....	5, 534		1, 323	4, 784	3, 548	105	855	6 1, 541
Virginia.....	14, 371		10, 796	44, 079	34, 598	1, 196	6, 653	2, 095
Washington.....	45, 985	514	15, 184	50, 738	43, 262	689	7, 010	13, 019
West Virginia.....	18, 155	8, 157	51, 037	123, 236	95, 517	958	7, 197	1, 472
Wisconsin.....	32, 906		10, 473	39, 720	29, 618	903	4, 327	9, 451
Wyoming.....	2, 863		763	2, 878	2, 231	59	581	465
Puerto Rico.....	37, 165		58, 456	228, 936	183, 523	1, 756	22, 547	1, 481
Guam.....	115		182	997	828	6	79	4
Virgin Islands.....	537	26	293	1, 018	855	17	96	132

<sup>1</sup> Program initiated November 1960 under the Social Security Act Amendment of 1960.

<sup>2</sup> Includes children and 1 parent or other adult in families in which adult was considered in determining amount of assistance.

<sup>3</sup> Includes 3,655 recipients under 65 in Colorado.

<sup>4</sup> Includes 314 recipients of payments made without Federal participation in California, 729 in Missouri, and 12,040 in Pennsylvania.

<sup>5</sup> Partly estimated; total not as large as sum of State figures because of adjustment. See footnote 8.

<sup>6</sup> Estimated.

<sup>7</sup> Not available.

<sup>8</sup> Includes unknown number of cases receiving medical care, hospitalization, or burial only.

Source: Department of Health, Education, and Welfare, Social Security Administration; data appear periodically in *Social Security Bulletin*.

No. 404. PUBLIC ASSISTANCE—PAYMENTS TO RECIPIENTS, BY PROGRAM, BY STATES  
AND OTHER AREAS: 1961

(Includes vendor payments for medical care)

STATE OR OTHER AREA	Total amount of public assistance (1,000)	AVERAGE MONTHLY PAYMENTS, DECEMBER						
		Old- age assist- ance	Medical assist- ance for the aged <sup>1</sup>	Aid to depend- ent children		Aid to the blind	Aid to the perma- nently and to- tally dis- abled	Gen- eral assist- ance (per case)
				Per family	Per recipi- ent			
Total.....	<sup>2</sup> \$4, 114, 150	\$68.78	\$192.90	\$121.57	\$31.28	\$74.57	\$70.46	\$67.93
Alabama.....	83,092	59.21	-----	41.25	10.20	43.98	40.70	12.84
Alaska.....	3,058	60.33	-----	118.22	34.15	75.01	-----	70.22
Arizona.....	25,055	59.47	-----	117.67	29.01	72.06	-----	48.13
Arkansas.....	45,368	51.51	46.72	59.03	15.40	56.69	42.14	15.53
California.....	512,238	89.83	-----	165.87	46.05	107.06	101.45	58.16
Colorado.....	78,829	95.75	-----	134.46	34.69	79.35	71.27	45.41
Connecticut.....	43,663	110.02	-----	170.95	48.61	114.14	124.94	67.09
Delaware.....	4,716	49.12	-----	90.17	21.50	69.31	59.45	50.40
Dist. of Columbia.....	16,437	98.03	-----	150.18	33.16	70.12	75.21	75.76
Florida.....	81,463	59.77	-----	61.64	16.65	62.41	64.40	( <sup>3</sup> )
Georgia.....	87,872	46.34	-----	87.61	23.24	51.99	51.15	28.66
Hawaii.....	7,435	62.30	172.38	134.04	34.50	83.00	82.50	66.14
Idaho.....	12,595	70.00	162.03	155.56	40.95	74.10	60.44	( <sup>3</sup> )
Illinois.....	243,201	82.61	-----	198.89	46.14	91.00	95.90	99.13
Indiana.....	47,931	66.93	-----	107.32	28.68	77.16	-----	( <sup>3</sup> )
Iowa.....	55,280	85.00	-----	126.35	33.97	90.25	64.95	( <sup>3</sup> )
Kansas.....	45,809	83.35	-----	142.81	37.10	85.58	87.98	68.92
Kentucky.....	65,423	53.42	15.60	89.41	25.00	61.55	63.35	38.09
Louisiana.....	153,746	73.61	( <sup>4</sup> )	96.93	23.43	79.65	55.93	50.91
Maine.....	19,870	69.18	-----	102.95	28.86	68.80	72.71	43.90
Maryland.....	31,864	64.18	16.63	127.49	30.09	65.00	65.41	67.36
Massachusetts.....	158,226	86.85	186.41	166.11	48.19	118.18	135.76	71.08
Michigan.....	171,477	79.66	278.76	142.88	39.71	81.37	99.55	109.96
Minnesota.....	85,819	69.19	-----	107.30	47.84	109.92	60.92	77.80
Mississippi.....	50,573	34.64	-----	36.02	9.20	37.95	34.53	14.93
Missouri.....	135,069	60.75	-----	94.08	24.27	65.00	63.29	65.00
Montana.....	10,423	65.77	-----	128.78	34.04	75.28	73.86	62.95
Nebraska.....	21,051	76.29	-----	117.88	30.40	89.75	78.01	49.13
Nevada.....	4,322	78.88	-----	100.81	30.28	101.68	-----	44.83
New Hampshire.....	8,730	88.52	( <sup>4</sup> )	164.52	41.85	88.56	102.79	53.94
New Jersey.....	80,608	90.46	-----	170.04	47.17	87.60	94.41	113.66
New Mexico.....	23,605	66.61	-----	127.07	32.44	65.48	70.57	40.09
New York.....	379,644	79.87	285.43	182.86	44.32	97.09	111.92	70.83
North Carolina.....	70,940	49.57	-----	86.00	21.78	56.12	58.80	21.54
North Dakota.....	13,142	83.29	199.54	151.47	40.71	71.75	98.01	52.42
Ohio.....	184,565	77.96	-----	124.41	31.17	73.88	75.31	80.21
Oklahoma.....	132,019	82.83	259.24	123.54	33.09	98.82	97.63	11.96
Oregon.....	38,519	82.24	-----	151.21	40.97	88.60	90.33	49.90
Pennsylvania.....	197,014	66.02	-----	126.91	31.19	74.07	59.51	57.56
Rhode Island.....	20,637	81.63	-----	147.98	39.27	84.36	86.45	58.71
South Carolina.....	28,204	40.05	285.71	56.59	14.15	47.96	43.66	29.26
South Dakota.....	12,175	75.91	-----	99.82	28.57	62.19	64.50	30.80
Tennessee.....	55,016	45.01	25.07	70.52	18.79	47.19	46.52	17.49
Texas.....	171,094	54.66	-----	78.10	18.85	60.72	54.05	( <sup>3</sup> )
Utah.....	17,986	87.28	( <sup>4</sup> )	137.32	36.25	90.99	95.02	66.08
Vermont.....	7,729	70.09	-----	108.42	30.30	61.67	63.73	( <sup>3</sup> )
Virginia.....	28,533	53.59	-----	98.58	24.14	60.03	61.17	47.01
Washington.....	98,459	91.22	203.13	136.66	36.57	101.42	97.27	84.48
West Virginia.....	47,019	41.37	41.42	107.34	27.03	45.54	44.28	32.32
Wisconsin.....	72,418	94.52	-----	175.38	47.44	92.38	116.17	90.93
Wyoming.....	5,038	76.01	-----	141.73	37.57	75.69	79.29	71.12
Puerto Rico.....	16,770	8.33	-----	14.75	3.77	8.22	8.64	7.24
Guam.....	187	25.92	-----	67.53	12.33	( <sup>4</sup> )	27.47	( <sup>4</sup> )
Virgin Islands.....	470	30.64	( <sup>4</sup> )	58.14	16.73	( <sup>4</sup> )	34.72	31.64

<sup>1</sup> Program initiated November 1960 under the Social Security Act Amendment of 1960.

<sup>2</sup> Includes vendor payments for medical care from general assistance funds and from special medical funds; data for such expenditures partly estimated for some States.

<sup>3</sup> Not computed. <sup>4</sup> Not computed; base too small.

Source: Department of Health, Education, and Welfare, Social Security Administration; data appear periodically in *Social Security Bulletin*.

## No. 405. MATERNAL AND CHILD-HEALTH SERVICES: 1959 AND 1960

[In thousands. Includes Alaska, Hawaii, Puerto Rico, Guam, and Virgin Islands. Not all States or areas provide all services listed. See also *Historical Statistics, Colonial Times to 1967*, series H 215-220]

ITEM	TOTAL RECEIVING SERVICE		ITEM	TOTAL RECEIVING SERVICE	
	1959	1960		1959	1960
SERVICE			SERVICE—Continued		
Maternity services:			School health examinations and screening:		
Maternity medical clinic service.....	251	287	Examined by physicians.....	2,453	2,395
Maternity nursing service.....	555	551	Referred for further diagnosis or treatment.....	669	256
Dental treatment.....	15	8	Completed referrals.....	238	40
Hospital in-patient care.....	36	38	Screening by other personnel:		
Child-health services:			Visual screening.....	7,672	7,022
Well child conference service:			Audiometer testing.....	4,404	4,312
All ages.....	1,520	1,516	Dental screening.....	3,099	2,897
Infants under 1 year.....	637	621	Other.....	1,067	1,102
General pediatric clinic service.....	136	127	IMMUNIZATION <sup>1</sup>		
Special clinics.....	46	105	Smallpox.....	2,353	2,557
Nursing service.....	3,131	3,413	Diphtheria.....	3,946	3,594
Topical fluoride applications.....	237	179	Pertussis.....	2,698	2,476
Dental treatment.....	539	513	Tetanus.....	3,998	3,778
Hospital in-patient care:			Polio myelitis.....	5,295	5,818
For prematurity.....	9	10	Other.....	1,418	1,288
Excluding prematurity.....	22	18			

<sup>1</sup> Includes boosters and revaccinations.

Source: Department of Health, Education, and Welfare, Social Security Administration.

## No. 406. MATERNAL AND CHILD HEALTH AND WELFARE SERVICES—FEDERAL GRANTS TO STATES AND OTHER AREAS: 1961

[In thousands of dollars. For year ending June 30. Based on checks issued less refunds]

STATE OR OTHER AREA	Maternal and child health services	Services for crippled children	Child welfare services	STATE OR OTHER AREA	Maternal and child health services	Services for crippled children	Child welfare services
Total.....	18,113.8	19,795.0	13,613.1	Montana.....	123.2	179.7	100.6
Alabama.....	568.4	580.9	345.1	Nebraska.....	139.8	60.2	148.9
Alaska.....	142.1	161.6	63.6	Nevada.....	170.3	104.0	61.2
Arizona.....	166.6	157.0	135.2	New Hampshire.....	79.0	128.4	84.6
Arkansas.....	304.7	327.9	281.2	New Jersey.....	254.7	287.2	283.0
California.....	941.7	948.9	646.3	New Mexico.....	216.4	102.8	121.6
Colorado.....	325.6	243.0	156.7	New York.....	842.7	729.9	696.1
Connecticut.....	282.7	257.1	129.1	North Carolina.....	710.9	818.8	524.2
Delaware.....	115.1	122.1	64.3	North Dakota.....	121.9	132.5	114.8
Dist. of Columbia.....	227.5	232.2	78.9	Ohio.....	689.5	671.6	537.0
Florida.....	564.6	414.8	319.9	Oklahoma.....	253.9	303.9	212.9
Georgia.....	518.5	610.2	391.1	Oregon.....	185.5	220.6	164.3
Hawaii.....	157.0	172.4	91.5	Pennsylvania.....	795.1	856.0	651.2
Idaho.....	159.2	132.5	88.4	Rhode Island.....	178.0	168.1	103.7
Illinois.....	480.1	610.8	480.2	South Carolina.....	378.3	460.0	398.7
Indiana.....	363.6	432.6	322.8	South Dakota.....	63.5	133.2	111.4
Iowa.....	257.6	419.8	256.3	Tennessee.....	543.1	559.7	351.7
Kansas.....	213.9	286.1	191.3	Texas.....	787.2	1,154.4	715.4
Kentucky.....	378.1	402.9	354.3	Utah.....	108.2	141.4	121.2
Louisiana.....	379.2	472.5	312.3	Vermont.....	120.2	118.2	75.8
Maine.....	150.1	142.5	115.4	Virginia.....	515.9	538.3	365.5
Maryland.....	429.3	380.6	212.4	Washington.....	247.7	271.3	242.9
Massachusetts.....	384.9	376.6	220.5	West Virginia.....	233.8	330.4	246.7
Michigan.....	670.3	699.6	484.3	Wisconsin.....	349.7	430.0	298.4
Minnesota.....	378.2	553.2	284.3	Wyoming.....	111.2	104.3	69.6
Mississippi.....	406.2	474.1	310.3	Puerto Rico.....	376.5	532.5	318.3
Missouri.....	381.3	392.3	297.1	Guam.....	68.3	97.6	9.9
				Virgin Islands.....	102.4	107.9	51.4

Source: Department of Health, Education, and Welfare, Social Security Administration.

## No. 407. ORPHANS, BY TYPE, 1920 TO 1961, AND BY AGE, 1961

[In thousands. Beginning 1960, includes Alaska, Hawaii, Puerto Rico, and Virgin Islands. Orphans refer to children under age 18 who have been orphaned at any time; full orphan refers to loss of both parents, paternal orphan to loss of father, maternal orphan to loss of mother. Age on last birthday. Data not exactly comparable for all years because of changes in methodology]

DATE AND ITEM		All orphans	Paternal orphans only	Maternal orphans only	Full orphans
1920:	Number	6,400	3,350	2,300	760
	Percent of child population	16.3	8.5	5.9	1.9
1930:	Number	5,050	2,700	1,000	450
	Percent of child population	11.7	6.3	4.4	1.1
1940:	Number	3,840	2,180	1,370	290
	Percent of child population	9.5	5.4	3.4	0.7
1949 (Oct.):	Number	2,930	1,890	960	80
	Percent of child population	6.1	3.9	2.0	0.2
1960 (Jan.):	Number	2,955	2,055	840	60
	Percent of child population	4.5	3.1	1.3	0.1
1961 (Jan.):	Number	2,880	2,010	815	55
	Percent of child population	4.4	3.1	1.2	0.1
	Distribution by age:				(1)
	0 to 4 years	210	155	55	5
	5 to 9 years	610	430	175	20
	10 to 14 years	1,195	760	320	30
	15 to 17 years	955	660	265	30

<sup>1</sup> Less than 500.

Source: Department of Health, Education, and Welfare, Social Security Administration; data appear periodically in *Social Security Bulletin*.

## No. 408. ADOPTIONS—SUMMARY, FOR REPORTING STATES, PUERTO RICO, AND VIRGIN ISLANDS: 1960

STATE OR OTHER AREA	Number of petitions granted	RELATION OF PETITIONER TO CHILD <sup>1</sup>		CHILDREN ADOPTED BY NONRELATIVES <sup>1</sup>				Median age at time of placement (in months)
		Related	Not related	Type of placement		Birth status		
				Agency	Independent	Out of wedlock	In wedlock	
U.S. and other areas.....	<sup>2</sup> 107,000							
Total, reporting areas.....	<sup>3</sup> 85,967	34,722	40,162	19,080	14,585	26,415	8,096	2.2
Arizona.....	1,193	652	380	209	167	315	56	1.3
Arkansas.....	525	250	272	163	109	189	82	9.7
California.....	11,590	4,436	6,630	2,887	3,736	5,458	1,075	(4) 4.2
Connecticut.....	1,112	539	573	548	25	624	44	5.0
Delaware.....	182	38	144	134	10	106	30	3.7
District of Columbia.....	534	162	372	306	63	348	353	(4)
Florida.....	3,614	1,460	2,154	819	1,355	935	196	4.3
Georgia.....	1,679	706	972	450	522	754	60	(4)
Hawaii.....	691	441	242	95	147	176	1,561	(6)
Illinois.....	6,199	2,188	3,961	(5)	(5)	2,400	431	2.2
Indiana.....	3,379	1,802	1,549	1,010	526	1,081	231	1.9
Iowa.....	1,842	901	936	639	297	703		
Kansas.....	1,545	786	755	253	502	522	229	(4)
Kentucky.....	1,365	500	850	570	280	618	211	3.9
Louisiana.....	1,092	779	908	508	400	708	180	2.6
Maine.....	924	544	379	164	215	270	102	(5)
Maryland.....	2,159	664	670	380	254	617	137	6.3
Michigan.....	5,638	2,949	2,380	(5)	(5)	1,680	991	(5)
Minnesota.....	1,679	864	1,104	1,042	62	946	157	2.5
Missouri.....	2,027	864	1,144	885	258	895	235	2.7
Nevada.....	313	158	133	77	56	95	36	(4)
New Hampshire.....	287	139	145	105	38	122	20	5.0
New Mexico.....	944	522	422	199	253	332	81	(5)
North Carolina.....	2,213	1,066	1,117	768	349	925	180	4.3
North Dakota.....	357	156	201	164	37	156	45	3.4
Oregon.....	1,701	898	803	298	497	612	164	(4)
Pennsylvania.....	5,281	2,396	2,975	1,611	1,364	(5)	(4)	(5)
Rhode Island.....	359	197	162	153	9	146	15	10.1
South Dakota.....	341	155	176	111	63	145	30	1.8
Tennessee.....	1,100	440	656	449	207	474	179	4.9
Texas.....	7,871	3,634	2,841	1,325	<sup>1</sup> 1,516	1,007	397	(4)
Utah.....	762	328	434	246	188	310	117	(4)
Vermont.....	301	98	203	187	16	165	37	1.8
Virginia.....	2,076	916	1,142	626	514	902	229	4.4
Washington.....	2,422	1,173	1,243	750	424	939	280	2.1
Wisconsin.....	1,998	937	1,061	953	90	897	162	5.1
Puerto Rico.....	106	39	66	12	54	30	35	4.3
Virgin Islands.....	12	5	7	5	2	7		(5)

<sup>1</sup> Excludes children for whom data were not reported. <sup>2</sup> Estimated.

<sup>3</sup> Includes the following States, not shown separately: Ala. (1,148), Miss. (1,053), Mont. (521), Nebr. (945), Okla. (1,537), S.C. (1,264), and W. Va. (1,166).

<sup>4</sup> Less than 1 month. <sup>5</sup> Not available. <sup>6</sup> Number of cases less than 50.

Source: Department of Health, Education, and Welfare, Social Security Administration.

# **NO. 409. CHILDREN RECEIVING CHILD WELFARE SERVICES FROM PUBLIC WELFARE AGENCIES, BY TYPE OF SERVICE, BY STATES AND OTHER AREAS: 1961**

[As of March 31]

STATE OR OTHER AREA	Total	Rate per 10,000 child population <sup>1</sup>	Primary services <sup>2</sup>	Supplementary services <sup>2</sup>	STATE OR OTHER AREA	Total	Rate per 10,000 child population <sup>1</sup>	Primary services <sup>2</sup>	Supplementary services <sup>2</sup>
<b>Total.....</b>	<b>403,946</b>	<b>56</b>	<b>346,800</b>	<b>57,146</b>	Mont.....	1,136	40	1,136	-----
Ala.....	11,504	80	10,524	980	Nebr.....	1,884	34	1,820	64
Alaska.....	747	73	747	-----	Nev.....	610	46	482	28
Ariz.....	3,203	56	2,080	223	N.H.....	2,224	95	2,224	-----
Ark.....	2,527	34	2,275	252	N.J.....	8,930	41	8,939	-----
Calif.....	23,281	38	22,970	285	N. Mex.....	2,696	58	2,531	65
Colo.....	4,237	59	4,015	222	N.Y.....	39,531	67	19,124	20,407
Conn.....	6,200	66	5,762	438	N.C.....	19,202	96	19,202	-----
Del.....	1,784	97	1,600	134	N. Dak.....	3,392	122	2,810	582
D.C.....	4,775	187	4,574	201	Ohio.....	28,138	73	25,179	2,959
Fla.....	5,649	30	5,629	20	Okl.....	4,185	46	3,121	1,064
Ga.....	5,464	32	5,005	459	Oreg.....	7,370	106	6,490	880
Hawaii.....	1,311	46	1,255	56	Pa.....	26,598	63	15,888	10,710
Idaho.....	400	14	400	-----	R.I.....	1,655	52	1,576	79
Ill.....	6,102	16	5,805	297	S.C.....	6,118	55	6,077	41
Ind.....	12,751	68	10,569	2,182	S. Dak.....	1,099	38	967	132
Iowa.....	3,100	28	2,687	413	Tenn.....	6,113	41	6,063	60
Kans.....	2,514	29	2,404	110	Tex.....	2,479	6	2,367	112
Ky.....	6,534	51	6,414	120	Utah.....	2,152	51	2,113	39
La.....	8,754	60	8,578	176	Vt.....	2,103	132	2,042	61
Maine.....	3,712	96	3,601	111	Va.....	13,494	82	13,494	-----
Md.....	10,734	85	9,990	744	Wash.....	8,363	74	7,155	1,208
Mass.....	6,171	32	6,139	32	W. Va.....	8,058	104	7,982	76
Mich.....	3,324	10	2,538	786	Wis.....	13,438	84	12,075	1,363
Minn.....	24,581	174	18,040	8,541	Wyo.....	417	30	320	97
Miss.....	16,435	163	16,435	-----	P.R.....	9,445	73	9,445	-----
Mo.....	7,031	43	6,697	337	V.I.....	549	339	549	-----

<sup>1</sup> Population under 21 years of age, April 1, 1960, Bureau of the Census.

<sup>2</sup> When two or more reporting agencies serve the same child, only one reports giving primary service; the others report supplementary service. Ordinarily the agency reporting primary service has direct contact with the child and assumes major or continuing casework responsibility.

Source: Department of Health, Education, and Welfare, Social Security Administration.

## **NO. 410. SERVICES FOR CRIPPLED CHILDREN: 1948 TO 1960**

[In thousands. Includes Alaska, Hawaii, Puerto Rico, Virgin Islands, and, beginning 1959, Guam. Beginning 1950, excludes Arizona, which did not participate in this program. Represents number reported only. Services provided or purchased by official State crippled children's agencies under Social Security Act. See also *Historical Statistics, Colonial Times to 1957*, series H 213, for totals]

TYPE OF SERVICE	1948	1949	1950	1955	1957	1958	1959	1960
Total number of children who received physician's services.....	155	181	214	278	313	325	339	355
Clinic service:								
Number of children.....	131	151	172	221	246	255	265	271
Number of visits.....	284	320	364	472	506	534	557	575
Average number of visits per child.....	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1
Hospital in-patient care:								
Number of children.....	32	38	43	48	52	53	54	59
Number of days' care.....	1,335	1,454	1,425	1,246	1,275	1,211	1,165	1,263
Average number of days per child.....	41.5	37.8	32.8	26.0	24.4	23.0	21.7	21.3
Convalescent-home care:								
Number of children.....	5	6	6	4	4	4	4	5
Number of days' care.....	484	556	529	362	344	298	294	301
Average number of days per child.....	97.1	98.9	96.9	96.5	93.0	78.2	80.3	62.1
Other physician's services:								
Number of children.....	12	18	25	53	66	71	71	70
Number of visits (office and home).....	39	58	91	124	161	174	172	193
Average number of visits per child.....	3.1	3.3	3.7	2.3	2.4	2.4	2.4	2.5

Source: Department of Health, Education, and Welfare, Social Security Administration.



**No. 411. BOY SCOUTS AND GIRL SCOUTS—MEMBERSHIP AND UNITS: 1940 TO 1961**

[In thousands. Boy Scout data as of December 31; Girl Scout data as of September 30. Includes Alaska, Hawaii, and outlying areas]

ITEM	1940	1945	1950	1955	1959	1960	1961
<b>BOY SCOUTS OF AMERICA</b>							
Total membership.....	1,449	1,977	2,795	4,166	5,043	5,161	5,210
Boys.....	1,106	1,534	2,072	3,056	3,687	3,783	3,813
Cub scouts (8 to 10 years old).....	195	474	828	1,475	1,822	1,805	1,869
Boy scouts (11 to 18 years old).....	911	1,060	1,122	1,398	1,589	1,647	1,658
Explorers (14 years and over).....	44	50	122	182	276	271	286
Adults.....	343	444	724	1,110	1,355	1,378	1,397
Total units (packs, troops, and explorer units).....	48	61	70	104	129	130	133
<b>GIRL SCOUTS OF THE U.S.A.</b>							
Total membership.....	632	1,174	1,646	2,643	3,402	3,419	3,454
Girls.....	509	937	1,268	2,025	2,622	2,646	2,685
Brownies (7 to 9 years old).....	79	269	556	1,022	1,294	1,320	1,361
Intermediates (10 to 13 years old).....	350	600	654	922	1,226	1,224	1,205
Seniors (14 to 17 years old).....	44	50	58	81	103	102	119
Adults.....	123	237	378	618	779	773	769
Total units (troops).....	27	48	76	125	163	164	166

Source: Boy Scouts of America, National Council, New Brunswick, N.J., *Annual Report*; and Girl Scouts of the United States of America, New York, N.Y., *Annual Report*.**No. 412. VOCATIONAL REHABILITATION OF DISABLED PERSONS—NUMBER REHABILITATED, BY TYPE OF DISABILITY AND OCCUPATION: 1945 TO 1960**

[For years ending June 30. Includes Alaska, Hawaii, and Puerto Rico; beginning 1957, Virgin Islands; and beginning 1959, Guam]

TYPE	1945	1950	1955	1957	1958	1959	1960 <sup>1</sup>
<b>Total.....</b>	<b>41,925</b>	<b>59,597</b>	<b>57,981</b>	<b>70,940</b>	<b>74,317</b>	<b>80,789</b>	<b>88,275</b>
<b>Disability:</b>							
Amputated or missing members.....	6,380	7,582	6,469	7,893	7,790	8,433	8,559
Impairment of extremities.....	11,612	13,720	12,128	14,527	14,715	15,880	17,026
Impairment of other parts of body.....	2,908	4,501	4,755	5,613	6,046	9,042	9,956
<b>Visual:</b>							
Blind.....	1,497	3,210	3,473	4,005	4,067	4,231	4,348
Other visual.....	3,448	3,880	3,150	3,798	3,908	4,459	5,090
<b>Aural:</b>							
Deaf.....	1,023	1,267	927	1,494	1,324	1,612	1,617
Hard of hearing.....	2,097	4,024	2,828	3,193	3,479	3,524	3,793
<b>Speech defect.....</b>	<b>252</b>	<b>675</b>	<b>751</b>	<b>925</b>	<b>931</b>	<b>946</b>	<b>1,110</b>
Tuberculosis, pulmonary.....	2,651	4,613	6,563	6,825	6,278	5,969	6,198
Cardiac.....	1,784	2,308	2,562	3,444	3,943	3,876	4,241
Other diseases.....	5,708	9,657	10,381	13,002	14,478	14,258	15,809
Mental or nervous system disorders.....	2,429	3,845	3,993	6,251	7,418	8,320	10,519
Not reported.....	136	15	1			189	
<b>Job or occupation:</b>							
Professional.....	1,598	3,117	3,135	3,270	3,511	3,287	3,583
Semiprofessional.....	1,270	1,193	1,349	1,693	1,556	1,647	1,973
Managerial and official.....	625	1,691	1,501	1,727	1,928	1,861	1,941
Clerical and kindred.....	6,699	7,852	8,535	10,342	9,529	10,099	11,337
Sales and kindred.....	1,497	3,361	2,861	3,255	3,435	3,636	3,870
Service occupations.....	5,015	9,142	9,510	12,910	14,203	15,325	16,962
Agriculture, fishing, etc.....	1,789	5,731	5,448	6,022	6,811	7,109	7,033
Skilled.....	9,128	9,305	7,260	8,201	8,632	10,008	10,911
Semiskilled.....	8,040	7,962	7,694	10,480	10,092	10,741	11,952
Unskilled.....	5,948	4,095	3,438	4,771	4,848	5,694	6,573
Family workers and housewives.....	156	6,131	6,938	8,266	9,768	11,104	12,103
Not reported.....	151	17	12	3	4	228	37

<sup>1</sup> Subject to revision.<sup>2</sup> Includes spine, neck, head, facial disfigurement, dwarf.

Source: Department of Health, Education, and Welfare, Office of Vocational Rehabilitation.

# No. 413. VOCATIONAL REHABILITATION OF DISABLED PERSONS—NUMBER OF PERSONS AND FEDERAL GRANTS TO STATES AND OTHER AREAS: 1961

[For year ending June 30. Excludes training grants totaling \$7,243,000 and research grants totaling \$8,163,000]

STATE OR OTHER AREA	DISABLED PERSONS		FEDERAL GRANTS <sup>1</sup> (\$1,000)				
	Number rehabilitated	Number in process of rehabilitation on June 30	Total	Type of agency		Type of grant	
				State boards of vocational education	State agencies for the blind	Support grants	Extension and improvement grants
Total.....	92,501	197,022	55,321	49,423	5,898	54,302	1,019
Alabama.....	2,787	5,879	2,252	2,252	-----	2,252	-----
Alaska.....	43	203	119	119	-----	119	-----
Arizona.....	476	888	518	431	87	507	11
Arkansas.....	2,459	2,827	1,483	1,483	-----	1,468	15
California.....	2,487	9,737	3,027	3,027	-----	2,905	122
Colorado.....	1,152	2,415	710	710	-----	696	14
Connecticut.....	936	2,776	423	360	63	402	21
Delaware.....	537	712	177	142	35	172	5
District of Columbia.....	713	1,627	232	232	-----	228	4
Florida.....	3,704	5,986	1,805	1,355	450	1,805	-----
Georgia.....	6,014	6,111	2,667	2,667	-----	2,635	32
Hawaii.....	219	644	225	186	39	220	5
Idaho.....	342	596	189	172	17	189	-----
Illinois.....	3,879	9,117	2,159	2,159	-----	2,081	78
Indiana.....	1,204	3,010	552	494	58	532	20
Iowa.....	1,278	2,647	987	826	161	965	22
Kansas.....	1,037	2,074	756	618	138	739	17
Kentucky.....	1,475	2,267	615	615	-----	590	25
Louisiana.....	2,116	6,152	1,233	1,083	150	1,233	-----
Maine.....	441	907	362	272	80	352	-----
Maryland.....	1,491	3,723	632	632	-----	632	-----
Massachusetts.....	1,772	3,600	1,080	898	182	1,038	42
Michigan.....	3,087	6,473	1,407	1,407	117	1,460	64
Minnesota.....	1,410	4,231	1,173	991	182	1,146	27
Mississippi.....	1,703	2,683	1,235	836	399	1,235	-----
Missouri.....	1,767	3,411	912	671	241	883	20
Montana.....	447	1,142	228	189	39	223	5
Nebraska.....	635	1,848	394	316	78	383	11
Nevada.....	130	194	74	54	20	69	5
New Hampshire.....	209	453	107	79	28	106	1
New Jersey.....	1,082	3,247	1,209	1,002	207	1,165	44
New Mexico.....	318	422	257	206	51	249	8
New York.....	6,733	13,413	3,847	3,396	451	3,770	77
North Carolina.....	5,760	10,041	2,514	1,960	554	2,477	37
North Dakota.....	355	841	373	373	-----	368	5
Ohio.....	2,078	5,264	1,440	1,085	355	1,381	59
Oklahoma.....	1,750	5,795	1,358	1,358	-----	1,339	19
Oregon.....	783	1,590	593	504	89	580	13
Pennsylvania.....	6,466	15,507	4,367	3,942	425	4,287	80
Rhode Island.....	861	1,751	340	275	65	333	7
South Carolina.....	2,117	4,265	1,189	1,114	75	1,189	-----
South Dakota.....	277	748	309	247	62	304	5
Tennessee.....	2,727	4,821	1,086	1,848	338	1,686	-----
Texas.....	3,096	7,756	1,707	1,474	293	1,755	12
Utah.....	547	1,467	312	312	-----	305	7
Vermont.....	193	574	210	166	44	210	(2)
Virginia.....	3,352	5,213	1,384	1,276	108	1,384	-----
Washington.....	1,055	2,831	1,026	903	123	1,003	23
West Virginia.....	3,490	8,026	1,213	1,213	-----	1,198	15
Wisconsin.....	1,577	4,671	1,048	954	94	1,025	23
Wyoming.....	110	258	101	101	-----	96	5
Puerto Rico.....	1,193	4,040	852	852	-----	852	-----
Guam.....	20	44	66	66	-----	61	5
Virgin Islands.....	21	59	20	20	-----	20	-----

<sup>1</sup> Data represent funds obligated.

<sup>2</sup> Less than \$500.

Source: Department of Health, Education, and Welfare, Office of Vocational Rehabilitation.

**No. 414. AMERICAN NATIONAL RED CROSS—SUMMARY OF MEMBERSHIP, VOLUNTEERS, CAREER STAFF, INCOME, AND EXPENDITURES: 1959 TO 1961**

[In thousands. For years ending June 30. Includes Alaska and Hawaii. The national organization's financial plan provides for a general fund balance to meet national emergencies or other extraordinary circumstances. Excess of income is transferred to, and excess of expenditures is financed from, this fund]

ITEM	1959			1960			1961		
	Total	National organization	Chapters and branches	Total	National organization	Chapters and branches	Total	National organization	Chapters and branches
<b>Membership</b> .....	44,700			44,200			44,700		
Adult.....	24,200			23,900			24,000		
Junior and high school.....	20,500			20,300			19,800		
<b>Volunteers serving</b> .....	2,000			2,000			2,000		
<b>Career staff</b> .....	13.4	3.8	9.6	12.9	3.7	9.2	12.9	3.8	9.1
<b>Income</b> .....	\$94,101	\$42,914	\$51,187	\$95,968	\$43,208	\$52,760	\$98,441	\$45,267	\$53,174
Fund campaign contributions.....	84,366	39,407	44,860	83,270	38,920	44,350	85,812	40,141	45,671
For Junior Red Cross program.....	1,032	246	786	1,193	271	922	1,023	195	828
Other.....	8,704	3,171	5,533	11,505	4,017	7,488	11,606	4,931	6,675
<b>Operating expenditures</b> .....	86,456	36,769	49,687	86,678	36,162	50,516	91,286	40,490	50,796
Services to the Armed Forces, Veterans, and their families.....	33,402	10,771	10,631	33,558	10,786	10,772	34,589	17,619	10,970
Disaster services.....	6,905	5,344	1,561	6,465	4,688	1,777	9,073	7,848	1,225
Blood services.....	12,719	3,933	8,786	12,592	3,563	9,029	12,409	4,093	8,316
Health, nursing, and safety services.....	6,883	1,549	5,334	7,243	1,625	5,618	7,443	1,594	5,849
Services and assistance to chapters.....	4,960	4,960		5,080	5,080		4,353	4,353	
Educational relations.....	3,277	590	2,687	3,457	599	2,858	3,679	638	3,041
Community services.....	973		973	637		637	590		590
Public information.....	2,223	783	1,440	2,328	847	1,481	2,481	859	1,622
Membership enrollment and fund raising.....	3,201	445	2,757	3,112	502	2,610	3,031	556	2,475
International services.....	182	182		200	200		214	214	
General management—planning and administration.....	11,731	2,213	9,518	11,907	2,263	9,734	12,204	2,216	10,048

Source: The American National Red Cross; *Annual Report*.

**No. 415. FUNDS RAISED BY COMMUNITY CHEST AND UNITED FUND CAMPAIGNS: 1925 TO 1961**

[Includes Alaska, Hawaii, and outlying areas. Includes all campaigns for which data are on file with United Community Funds and Councils of America, Incorporated, and campaigns of Canada. Reports of campaign results are based on the total raised in the federated campaign. In cases where an agency such as the Red Cross was included in the joint campaign for only part of its goal, only the amount raised for the agency through the joint campaign is reported]

YEAR	Number of campaigns	RAISED FOR SPECIFIED YEAR		YEAR	Number of campaigns	RAISED FOR SPECIFIED YEAR	
		Amount (\$1,000)	Percent of goal			Amount (\$1,000)	Percent of goal
1925.....	240	58,004	94.0	1950.....	1,318	192,934	93.1
1930.....	353	75,973	95.5	1951.....	1,498	212,987	94.9
1935.....	406	69,781	87.2	1952.....	1,600	240,920	93.8
1940.....	561	80,297	95.3	1953.....	1,600	206,125	96.1
1941.....	598	90,379	98.0	1954.....	1,600	287,540	96.7
1942.....	632	104,576	99.6	1955.....	1,858	302,023	95.9
1943.....	649	162,334	107.0	1956.....	1,939	339,706	98.4
1944.....	703	210,415	100.9	1957.....	1,961	378,382	98.1
1945.....	772	221,273	101.9	1958.....	2,041	414,576	95.3
1946.....	798	197,049	89.8	1959.....	2,104	427,263	94.7
1947.....	841	168,522	66.0	1960.....	2,147	458,253	97.0
1948.....	1,010	177,082	65.3	1961.....	2,186	477,980	95.0
1949.....	1,152	188,061	61.0				

Source: United Community Funds and Councils of America, Inc., New York, N.Y.; *Annual Directory*.

# No. 416. NUMBER OF COMMUNITY CHEST AND UNITED FUND CAMPAIGNS, AND AMOUNT RAISED, BY STATES: 1960 AND 1961

[Funds in thousands of dollars. See also table 415]

STATE	NUMBER OF CAMPAIGNS		FUNDS RAISED FOR—		STATE	NUMBER OF CAMPAIGNS		FUNDS RAISED FOR—	
	1960	1961	1960	1961		1960	1961	1960	1961
United States.....	2,662	2,081	428,982	446,732	Missouri.....	44	43	14,853	15,106
Alabama.....	36	39	5,990	6,399	Montana.....	7	7	401	424
Alaska.....	2	2	307	245	Nebraska.....	17	17	2,947	3,065
Arizona.....	6	5	2,150	2,276	Nevada.....	3	3	493	527
Arkansas.....	15	14	1,482	1,689	New Hampshire.....	7	7	619	656
California.....	96	95	35,251	36,117	New Jersey.....	61	62	11,871	12,232
Colorado.....	9	10	4,665	4,957	New Mexico.....	13	16	967	1,208
Connecticut.....	37	38	9,693	9,761	New York.....	122	121	25,611	27,099
Delaware.....	3	3	2,103	2,218	North Carolina.....	72	71	7,630	7,880
Dist. of Columbia.....	1	1	6,864	7,092	North Dakota.....	14	15	609	632
Florida.....	30	32	8,998	9,219	Ohio.....	121	114	40,447	42,331
Georgia.....	31	32	6,807	7,102	Oklahoma.....	50	56	4,454	4,525
Hawaii.....	5	5	1,375	1,525	Oregon.....	26	23	4,553	4,626
Idaho.....	10	11	647	654	Pennsylvania.....	110	111	41,862	42,728
Illinois.....	135	133	24,817	25,679	Rhode Island.....	5	5	2,735	2,910
Indiana.....	63	66	13,377	13,632	South Carolina.....	37	36	3,378	3,485
Iowa.....	121	118	5,838	5,993	South Dakota.....	11	13	662	665
Kansas.....	44	46	4,081	4,087	Tennessee.....	28	28	7,034	7,457
Kentucky.....	21	22	3,398	3,375	Texas.....	189	177	22,019	22,407
Louisiana.....	16	18	6,076	6,197	Utah.....	2	2	1,065	1,110
Maine.....	13	13	1,516	1,620	Vermont.....	6	5	407	366
Maryland.....	9	10	6,054	6,113	Virginia.....	37	37	6,109	7,115
Massachusetts.....	49	49	17,803	18,299	Washington.....	23	23	8,503	8,706
Michigan.....	91	110	29,495	30,838	West Virginia.....	17	17	2,612	2,682
Minnesota.....	81	82	7,242	8,610	Wisconsin.....	93	92	9,181	11,139
Mississippi.....	19	21	1,528	1,697	Wyoming.....	5	5	338	341

Source: United Community Funds and Councils of America, Inc., New York, N.Y.; *Annual Directory*.

## No. 417. FOUNDATIONS—PERIOD OF ESTABLISHMENT, BY LATEST ASSET CLASSES

[Includes Alaska, Hawaii, and Virgin Islands. A foundation may be defined as a nongovernmental, nonprofit organization having a principal fund of its own, managed by its own trustees or directors, and established to maintain or aid social, educational, charitable, religious, or other activities serving the common welfare. 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, which are captive trusts, within colleges, churches, or other organizations, or are small—defined as having neither assets of \$50,000 nor making grants of at least \$10,000 in the latest year of record]

DECADE ESTABLISHED	Total foundations	Percent	LATEST ASSET CLASSES					
			\$10,000,000 or more		\$1,000,000 to \$9,999,999		Less than \$1,000,000	
			Number	Percent	Number	Percent	Number	Percent
Total.....	4,685	100.0	129	100.0	628	100.0	3,928	100.0
Before 1900.....	21	0.5	3	2.3	7	1.1	11	0.3
1900 to 1909.....	19	0.4	8	6.2	7	1.1	4	0.1
1910 to 1919.....	79	1.6	14	10.8	35	5.6	27	0.7
1920 to 1929.....	183	3.9	24	18.6	67	10.7	92	2.3
1930 to 1939.....	301	6.4	34	26.4	92	14.7	175	4.5
1940 to 1949.....	1,735	37.0	30	23.3	242	38.5	1,463	37.2
1950 to 1959 <sup>1</sup> .....	2,350	50.2	16	12.4	178	28.3	2,156	54.9

<sup>1</sup> Record incomplete.

Source: The Foundation Library Center, *The Foundation Directory, Edition 1*. Published by Russell Sage Foundation, New York, 1960.

**No. 418. FOUNDATIONS—GRANTS, BY SUBJECT FIELD AND ASSET CLASS**

[In thousands of dollars, except percent. Includes Alaska, Hawaii, and Virgin Islands. See also headnote, table 417]

SUBJECT FIELD	TOTAL		120 LARGE FOUNDATIONS <sup>1</sup>		651 INTERMEDIATE FOUNDATIONS <sup>2</sup>		4,422 SMALL FOUNDATIONS <sup>3</sup>	
	Amount	Percent	Amount	Percent	Amount	Percent	Amount	Percent
Total assets-----	11,518,000	100	8,812,000	77	1,855,000	16	851,000	7
Total grants-----	625,601	100	348,710	100	130,682	100	146,209	100
Education-----	257,090	41	163,545	47	42,080	32	51,465	35
Health-----	98,343	16	49,517	14	22,216	17	26,610	18
Social welfare-----	90,585	15	30,687	9	23,784	18	36,114	25
Scientific research-----	71,212	11	46,727	13	15,420	12	9,065	6
Humanities-----	33,992	5	14,646	4	14,375	11	4,971	3
Religion-----	28,065	5	11,856	3	5,097	4	11,112	8
Government-----	13,609	2	5,579	2	3,790	3	4,240	3
International affairs-----	32,705	5	26,153	8	3,620	3	2,632	2

<sup>1</sup> Possessing assets of \$10 million or more.

<sup>2</sup> Possessing assets between \$1 million and \$10 million.

<sup>3</sup> Possessing assets under \$1 million.

Source: The Foundation Library Center, *The Foundation Directory, Edition 1*. Published by Russell Sage Foundation, New York, 1960.

**No. 419. FOUNDATIONS—EXPENDITURES AND GRANTS OF FOUNDATIONS, BY STATES AND FOR VIRGIN ISLANDS**

[Amounts in thousands of dollars. For latest year reported. See headnote, table 417]

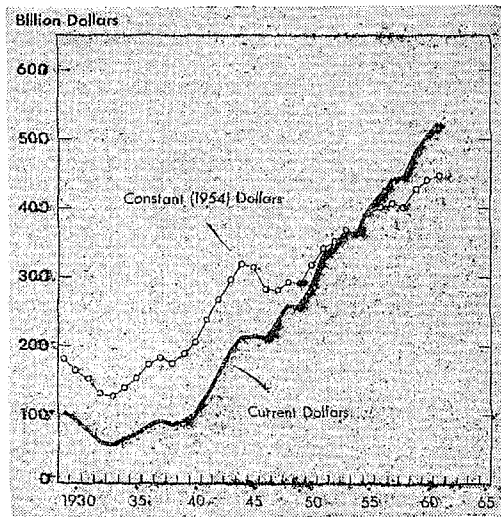
STATE OR OTHER AREA	EXPENDITURES <sup>1</sup>		GRANTS		STATE OR OTHER AREA	EXPENDITURES <sup>1</sup>		GRANTS	
	Foundations reporting	Amount	Foundations reporting	Amount		Foundations reporting	Amount	Foundations reporting	Amount
Total-----	5,143	686,434	5,108	625,601	S.A.—Con.				
N.E.-----	464	24,387	456	21,268	W. Va.-----	4	52	4	38
Maine-----	16	474	16	331	N.C.-----	83	6,287	83	5,898
N.H.-----	19	3,067	19	2,730	S.C.-----	38	1,860	39	1,450
Vt.-----	9	97	9	74	Ga.-----	105	6,509	102	4,917
Mass.-----	278	13,035	275	11,507	Fla.-----	47	1,480	47	1,363
R.I.-----	37	979	35	792	E.S.C.-----	104	5,015	103	4,482
Conn.-----	105	6,735	102	5,834	Ky.-----	28	1,118	27	875
M.A.-----	1,812	410,893	1,810	386,201	Tenn.-----	47	2,765	46	2,463
N.Y.-----	1,354	350,333	1,355	332,382	Ala.-----	22	1,029	22	1,011
N.Y. City-----	1,212	340,164	1,213	316,192	Miss.-----	7	103	8	103
N.J.-----	134	10,432	133	9,572	W.S.C.-----	320	27,449	316	21,977
Pa.-----	324	41,128	322	38,247	Ark.-----	17	576	17	508
E.N.C.-----	1,147	124,044	1,146	119,451	La.-----	40	1,906	40	1,813
Ohio-----	340	46,685	341	45,016	Okla.-----	49	4,990	46	3,477
Ind.-----	61	6,945	61	6,562	Tex.-----	214	19,977	213	16,179
Ill.-----	412	32,994	408	30,327	Mt.-----	90	9,583	88	7,540
Mich.-----	194	30,466	194	28,771	Mont.-----	3	33	3	32
Wis.-----	140	6,954	142	8,775	Idaho-----	8	204	8	139
W.N.C.-----	329	24,709	326	22,261	Wyo.-----	2	42	2	32
Minn.-----	109	10,144	108	8,426	Colo.-----	50	6,797	49	5,095
Iowa-----	46	1,826	46	1,722	N. Mex.-----	4	50	4	44
Mo.-----	138	10,874	135	10,082	Ariz.-----	10	365	9	368
N. Dak.-----	2	20	2	15	Utah-----	9	127	9	117
S. Dak.-----	3	24	3	14	Nev.-----	4	1,965	4	1,773
Neb.-----	13	1,162	14	1,579	Pac.-----	358	23,549	345	21,391
Kans.-----	18	659	18	426	Wash.-----	43	1,407	41	1,316
S.A.-----	518	36,780	517	27,642	Oreg.-----	22	791	22	567
Del.-----	37	5,070	37	5,467	Calif.-----	282	20,671	271	18,894
Md.-----	103	3,955	105	3,168	Alaska-----	1	30	1	30
D.C.-----	47	8,566	46	4,430	Hawaii-----	10	650	10	584
Va.-----	54	3,011	54	2,311	Virgin Islands-----	1	15	1	15

<sup>1</sup> Comprises administrative expenses and grants. In those instances where foundations reported grants made and did not report expenditures, the figures were included only in the totals for grants. As a result, total grants for certain States are greater than total expenditures.

Source: The Foundation Library Center, *The Foundation Directory, Edition 1*. Published by Russell Sage Foundation, New York, 1960.

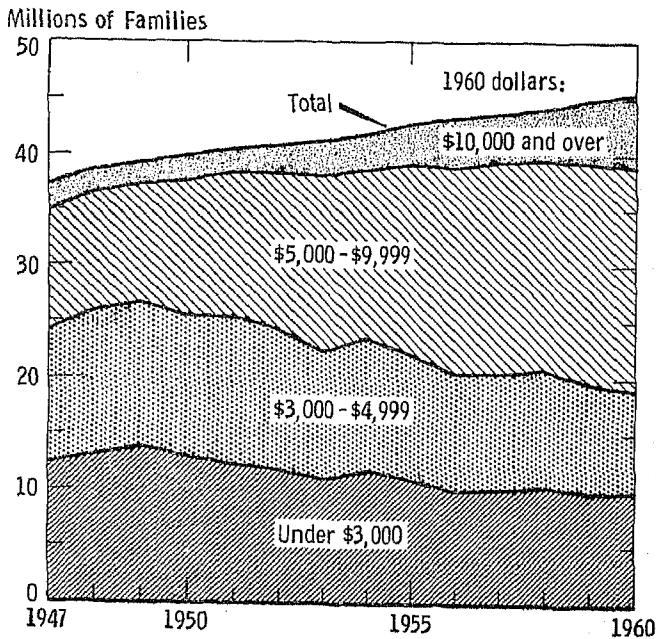
FIG. XV. GROSS NATIONAL PRODUCT IN CURRENT AND CONSTANT DOLLARS:  
1929 TO 1961

[See table 423]



Source: Department of Commerce, Office of Business Economics.

FIG. XVI. NUMBER OF FAMILIES BY FAMILY INCOME IN CONSTANT (1960) DOLLARS:  
1947 TO 1960



Source: Department of Commerce, Bureau of the Census.

## Section 11

### Income, Expenditures, and Wealth

This section presents statistics relating to two different aspects of income and expenditures: One aspect is the entire complex of the Nation's economic activities and the interaction of its major components (the national income and product system and the flow-of-funds system); and the other, the distribution of families and individuals by income size-classes or type of expenditure. Statistics on national wealth are also included.

The primary source for national income and product information is *Survey of Current Business*, published monthly by the Department of Commerce, Office of Business Economics. Each July issue of the *Survey* is identified as the *National Income Number* and contains the most recent and detailed statistics on this subject. *National Income, 1954*, is the basic reference source for concepts and methodology which are still applicable, and for numerous statistics for the 1929-1945 period. A more recent supplement, *U.S. Income and Output*, contains a complete set of revised statistics for the 1946-1957 period and introduces a number of new statistical series.

A further development of the general body of national income data appears in a *Survey* supplement, *Income Distribution in the United States, 1944-50*, which presents personal income data classified by income size-groups. More recent data are presented in the *Survey of Current Business* for March 1955, June 1956, and the April issues of 1958 and following years.

The primary source for flow-of-funds data is the Board of Governors of the Federal Reserve System; the *Federal Reserve Bulletin* from time to time presents summarized versions of these data. Detailed historical data appear in *Flow of Funds in the United States, 1939-53*.

A primary source for annual data on distribution of income by size-class is the Bureau of the Census, *Current Population Reports—Consumer Income*, Series P-60. A brief discussion of the Current Population Survey which is the basis for the data in the above report appears in the Technical Note on page 213 and also on page 1. Data on the distribution of income in 1959 were also collected in the 1960 Census of Population. Another primary source for information in this field is the national Survey of Consumer Finances conducted annually since 1946 by the Survey Research Center of The University of Michigan. From 1946 through 1960, this survey consisted of a sample of approximately 2,700 family units or 3,000 spending units located in 66 sampling areas; in 1961, it consisted of approximately 1,850 family units or 2,000 spending units. From 1946 to 1959 these surveys were conducted for the Board of Governors of the Federal Reserve System. Beginning in 1960, they have been conducted with private business and foundation funds. The results are published in a monograph series, *Survey of Consumer Finances*.

**National income and product.**—A general view of the economy is provided by the summary of the Nation's income, expenditure, and saving shown in the form of a balancing set of accounts for the major economic categories—consumers, business, and government. (See table 421.) These statistics, assembled by the Council of Economic Advisers, are a part of the "national income and product" accounts of the Department of Commerce. An explanation of the items included in this summation may be found in the 1960 *Historical and Descriptive Supplement to Economic Indicators*, 86th Congress, 2d Session.

**Gross national product.**—Gross national product (called GNP) represents the total national output of goods and services at market prices. It measures this output in terms of the expenditures by which the goods and services are acquired. The expenditures 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 in GNP are, for the most part, those actually bought for final use (excluding illegal transactions) in the markets. There are a number of inclusions, however, which represent imputed values, the most important of which is the rental value of owner-occupied dwellings. GNP, the total national output, also measures the product attributable to the factors of production—labor and property—supplied by residents of the United States (conterminous area). GNP differs from “national income,” described below, mainly in that GNP includes allowances for depreciation and similar capital consumption and for indirect taxes (such as sales and excise taxes).

**National income.**—National income is the aggregate of earnings by labor and property from the Nation's current production of goods and services. It is the sum represented by compensation of employees, proprietors' income, rental income, net interest, and corporate profits. Thus, it measures the total factor costs of the goods and services produced by the economy. Earnings are inclusive of taxes on those earnings.

**Personal income.**—Personal income is the current income received by individuals, by unincorporated businesses, and by nonprofit institutions (including pension, trust, and welfare funds) from all sources. It 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. Although most of the income is in monetary form, there are important nonmonetary inclusions—chiefly, estimated net rental value to owner-occupants of their homes and the value of food consumed on farms.

Disposable personal income is equal to personal income less taxes on individuals (including income, property, and other taxes not deductible as business expense), and other general Government revenues (e. g., fines, penalties, etc.) received from individuals as individuals.

**Flow-of-funds accounts and saving and investment estimates.**—Another general view of the economy is provided by the flow-of-funds accounts. This system of national accounts presents a record designed to picture the flow of funds through the major sectors of the national economy, the structure of the economy's saving and investment, by sector and by form of investment, and the relation between saving and the structure of financial flows. The transactions covered include transactions in financial instruments, existing assets, transfers of various kinds, and transactions involving currently produced goods and services. A similar presentation of the accounts in amounts outstanding for the financial categories gives the structure of financial assets and liabilities and a summary of the principal assets and liabilities by sector and by type of financial instrument. Quarterly flow data are available currently in the *Federal Reserve Bulletin*.

**Distribution of income by size-class.**—Money income statistics are based on data collected in various field surveys of income conducted since 1936. In each of these field surveys trained enumerators interview representative samples of the population with respect to income received during the previous year. The income here referred to is consumer money income for the calendar year and is before deduction of income taxes or social security taxes. Nonmoney items of income are not covered. None of the aggregate income concepts (gross national product, national income, or personal income) is exactly comparable with consumer money income. The nearest approximation is “personal income.”



A size distribution of family "personal income" (less amounts received by institutional residents or retained by private trust, pension, health, and welfare funds) is prepared by the Office of Business Economics based on data from consolidated Federal individual income tax returns and the sample data from the surveys mentioned above. These are described in *Income Distribution in the United States, 1944-1950*, mentioned above. Detailed statistics, including information on Federal individual income tax liabilities, are available in the *Survey of Current Business* for March 1955, June 1956, and the April issues of 1958 and following years.

**Individuals' savings.**—The Securities and Exchange Commission issues detailed estimates of individuals' savings showing the increase in financial assets held by individuals less the increase in their debt, exclusive of gains or losses from revaluation of assets. A continuous series starting with 1942 is published quarterly in a special release and in the Commission's *Statistical Bulletin*. (See table 438.) A reconciliation of the annual SEC estimates with the Department of Commerce estimates of personal savings appears in the Office of Business Economics publication, *U. S. Income and Output*, for the years 1946 to 1958, and *National Income, 1954 Edition*, for prior years back to 1933. The Federal Home Loan Bank Board compiles statistics on changes in selected types of individual long-term savings. (See table 604.) The Survey Research Center of The University of Michigan also collects annual data (except for 1961) covering the distribution of liquid assets and occasional data covering positive, negative, and net savings of families, by income groups.

**National wealth.**—The national wealth data shown here (tables 457 and 458) represent the most recent attempt to derive a consistent and comprehensive series in this field. They were compiled by Raymond W. Goldsmith. As is the case in all national wealth estimates, the figures are intended chiefly to indicate the order of magnitudes involved and to permit rough comparisons among types of wealth and of the growth of wealth over long periods. Careful examination of the methods and sources of the estimates, as they are described in *A Study of Saving in the United States* and in *The National Wealth of the United States in the Postwar Period*, is therefore advisable before use is made of the figures.

**Alaska and Hawaii.**—For a general statement concerning the treatment of data for Alaska and Hawaii, see preface. "Conterminous area" refers to the United States excluding Alaska, Hawaii, and outlying areas.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics, Colonial Times to 1957*, series F 87-103") provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

# No. 420. GROSS NATIONAL PRODUCT AND NATIONAL INCOME—SUMMARY: 1929 TO 1961

[In millions of dollars. Beginning 1960, includes Alaska and Hawaii. For definitions of gross national product and national income, see text, p. 310]

ITEM	1929	1930	1933	1935	1940	1945	1950
<b>Gross national product.....</b>	<b>104,436</b>	<b>91,165</b>	<b>55,964</b>	<b>72,502</b>	<b>100,618</b>	<b>213,558</b>	<b>284,599</b>
By type of expenditure:							
Personal consumption expenditure.....	78,952	70,968	46,392	56,289	71,881	121,699	195,013
Gross private domestic investment.....	16,231	10,265	1,391	6,277	13,155	10,430	49,970
Net exports of goods and services.....	771	690	150	-54	1,509	-1,438	587
Government purchases of goods and services.....	8,482	9,182	8,031	9,990	14,073	82,807	39,029
By major type of product:							
Goods output.....	56,275	47,001	27,053	39,883	56,432	130,673	163,618
Services.....	36,968	34,973	26,102	28,725	36,036	76,654	89,765
Construction.....	11,193	9,041	2,809	3,894	8,150	6,231	31,216
By legal form of organization:							
Business.....	94,801	82,190	48,708	63,608	89,132	173,363	254,205
General government.....	4,335	4,545	4,695	5,946	7,778	35,156	20,814
Households and institutions.....	4,490	3,024	2,238	2,491	3,351	4,670	8,302
Rest of the world.....	810	746	323	367	357	369	1,188
<b>National income.....</b>	<b>87,814</b>	<b>75,729</b>	<b>40,159</b>	<b>57,057</b>	<b>81,634</b>	<b>181,248</b>	<b>241,876</b>
By type of income:							
Compensation of employees.....	51,085	46,844	29,539	37,340	52,129	123,181	154,190
Proprietors' income.....	14,759	11,540	5,599	10,387	13,010	30,835	37,541
Rental income of persons.....	5,425	4,778	1,971	1,661	2,885	5,634	9,013
Corporate profits and inventory adjustments.....	10,100	6,582	-1,992	2,918	9,120	18,413	35,063
Net interest.....	6,445	6,985	5,042	4,761	4,490	3,185	5,409
By industry division:							
Agriculture, forestry, and fisheries.....	8,278	6,226	3,713	6,411	6,247	14,889	17,923
Mining.....	2,048	1,628	647	1,211	1,868	2,717	5,010
Contract construction.....	3,808	3,179	755	1,297	2,569	4,280	11,833
Manufacturing.....	21,888	18,232	7,562	13,265	22,336	52,008	74,371
Wholesale and retail trade.....	13,358	12,229	5,485	9,200	14,337	27,997	42,707
Finance, insurance, and real estate.....	12,693	10,592	5,745	5,933	8,208	12,830	21,780
Transportation.....	6,636	5,604	3,036	3,700	5,040	10,636	13,278
Communications and public utilities.....	2,864	2,790	2,000	2,280	3,056	4,244	7,198
Services.....	10,388	9,187	5,567	6,669	8,854	14,614	23,089
Government and government enterprises.....	5,093	5,810	5,326	6,724	8,762	36,764	23,490
Rest of the world.....	810	746	323	367	357	369	1,188

ITEM	1955	1956	1957	1958	1959	1960	1961 (prel.)
<b>Gross national product.....</b>	<b>397,469</b>	<b>419,180</b>	<b>442,769</b>	<b>444,546</b>	<b>482,783</b>	<b>504,448</b>	<b>521,300</b>
By type of expenditure:							
Personal consumption expenditure.....	250,940	269,917	285,104	293,198	313,996	328,926	339,000
Gross private domestic investment.....	63,843	67,305	66,125	56,641	72,387	72,407	69,800
Net exports of goods and services.....	1,094	2,930	4,944	1,249	-722	3,038	4,000
Government purchases of goods and services.....	75,592	78,967	86,536	93,458	97,112	100,077	108,700
By major type of product:							
Goods output.....	217,188	227,610	238,194	220,403	250,278	258,503	259,000
Services.....	133,379	143,337	154,493	164,203	176,167	189,333	203,600
Construction.....	46,902	48,224	50,082	50,940	50,338	56,612	58,800
By legal form of organization:							
Business.....	349,023	366,064	386,320	384,165	418,898	435,366	(1)
General government.....	33,967	30,411	38,949	41,976	44,130	47,324	(1)
Households and institutions.....	12,696	14,093	16,255	16,307	17,010	19,478	(1)
Rest of the world.....	1,783	2,012	2,245	2,099	2,166	2,280	(1)
<b>National income.....</b>	<b>330,206</b>	<b>350,836</b>	<b>366,943</b>	<b>367,384</b>	<b>399,551</b>	<b>417,054</b>	<b>430,200</b>
By type of income:							
Compensation of employees.....	223,852	242,502	255,499	257,142	278,427	293,697	302,900
Proprietors' income.....	42,149	43,715	44,457	46,052	46,333	48,163	49,600
Rental income of persons.....	10,698	10,913	11,891	12,208	11,865	11,713	11,500
Corporate profits and inventory adjustments.....	43,126	41,990	41,669	37,155	46,362	45,068	46,200
Net interest.....	10,381	11,716	13,427	14,827	16,564	18,413	20,000
By industry division:							
Agriculture, forestry, and fisheries.....	16,084	16,087	16,365	18,338	16,304	17,161	18,400
Mining.....	5,609	6,243	6,238	5,435	5,466	5,516	5,700
Contract construction.....	17,358	19,515	20,247	19,870	21,697	22,494	23,000
Manufacturing.....	104,490	109,268	112,476	103,817	119,569	121,544	121,700
Wholesale and retail trade.....	55,000	58,192	60,350	61,136	66,438	68,768	71,100
Finance, insurance, and real estate.....	30,918	32,367	35,278	37,555	40,119	42,325	43,500
Transportation.....	15,781	16,841	17,208	16,420	17,563	17,616	17,500
Communications and public utilities.....	11,677	12,658	13,406	14,179	15,334	16,810	17,400
Services.....	33,740	37,252	39,978	41,908	45,920	50,000	52,900
Government and government enterprises.....	37,766	40,401	43,155	46,618	48,975	52,540	56,500
Rest of the world.....	1,783	2,012	2,245	2,099	2,166	2,280	2,600

<sup>1</sup> Not available.

Source: Department of Commerce, Office of Business Economics; *U.S. Income and Output*, a supplement to the *Survey of Current Business*, and *Survey of Current Business*, July 1961 and February 1962.

## No. 421. THE NATION'S INCOME, EXPENDITURE, AND SAVING: 1950 TO 1961

(In billions of dollars. Beginning 1960, includes Alaska and Hawaii. Based on national income and product data of Department of Commerce. See text, p. 309)

ITEM	1950	1955	1956	1957	1958	1959	1960	1961 (prel.)
Gross national product or expenditure.....	284.6	397.5	419.2	442.8	444.5	482.8	504.4	521.2
Statistical discrepancy.....	-7	1.0	-2.4	-6	-1.5	-1.7	-2.6	-1.7
Total income or receipts.....	285.3	396.5	421.6	443.4	446.0	484.5	507.1	523.0
Persons:								
Disposable personal income.....	207.7	274.4	292.9	308.8	317.9	337.3	351.8	364.9
Personal consumption expenditures.....	195.0	256.9	269.9	285.2	293.2	314.0	328.9	339.2
Personal savings, or dissaving (-).....	12.6	17.5	23.0	23.6	24.7	23.4	22.9	25.7
Business:								
Gross retained earnings.....	27.7	42.1	43.0	45.6	44.8	50.7	51.7	54.2
Gross private domestic investment.....	50.0	63.8	67.4	66.1	55.6	72.4	72.4	69.5
Excess of receipts, or investment (-).....	-22.3	-21.8	-24.3	-20.5	-11.9	-21.7	-20.7	-15.3
International:								
Foreign net transfers by Government.....	2.8	1.5	1.5	1.5	1.3	1.5	1.6	1.6
Net exports of goods and services:								
Net exports.....	.6	1.1	2.9	4.0	1.2	-7	3.0	4.0
Exports.....	13.1	19.4	23.1	26.2	22.7	23.1	26.7	27.3
Imports.....	12.5	18.3	20.2	21.3	21.5	23.8	23.6	23.4
Excess of transfers, or of net exports (-).....	2.2	.4	-1.5	-3.5	.1	2.3	-1.5	-2.4
Government (Federal, State, and local): <sup>1</sup>								
Receipts:								
Net receipts.....	47.2	78.4	84.2	87.5	82.0	94.9	102.0	102.4
Tax and nontax receipts or accruals.....	69.3	101.4	109.5	116.3	115.1	129.3	139.1	143.6
Less transfers, interest, and subsidies <sup>2</sup> .....	22.1	23.0	25.3	28.7	33.1	34.4	37.1	41.2
Expenditures:								
Purchases of goods and services.....	39.0	75.6	79.0	86.5	93.5	97.1	100.1	108.6
Total expenditures.....	61.1	98.6	104.3	115.3	126.6	131.6	137.2	149.8
Less transfers, interest, and subsidies <sup>2</sup> .....	22.1	23.0	25.3	28.7	33.1	34.4	37.1	41.2
Surplus, or deficit (-), or income and product account.....	8.2	2.9	5.2	1.0	-11.4	-2.2	1.0	-6.2

<sup>1</sup> Data are on "income and product" account basis rather than cash or conventional budget basis.<sup>2</sup> Data are subtracted because they are excluded from gross national product.Source: Executive Office of the President, Council of Economic Advisers; published in *Economic Report of the President*, January 1962.

## No. 422. RELATION OF GROSS NATIONAL PRODUCT, NATIONAL INCOME, AND PERSONAL INCOME, AND SAVINGS: 1950 TO 1961

(In millions of dollars. Beginning 1960, includes Alaska and Hawaii. For definitions of gross national product, national income, and personal income, see text, p. 310. See also *Historical Statistics, Colonial Times to 1957*, series F 1, F 6-9, and F 253)

ITEM	1950	1955	1956	1957	1958	1959	1960	1961 (prel.)
Gross national product.....	284,599	397,469	419,180	442,769	444,546	482,783	504,448	521,300
Less:								
Capital consumption allowances.....	19,065	31,986	34,412	37,443	38,605	40,828	43,073	45,200
Equals: Net national product.....	265,534	365,483	384,768	405,326	405,941	441,955	461,375	476,100
Less:								
Indirect business tax and nontax liability.....	23,747	32,865	35,692	38,186	39,322	42,666	45,638	47,100
Business transfer payments.....	843	1,457	1,010	1,790	1,831	1,836	1,836	1,800
Statistical discrepancy.....	-734	988	-2,428	-601	-1,461	-1,669	-2,620	-1,500
Plus: Subsidies minus current surplus of Govt. enterprises.....	198	33	948	992	1,135	420	533	1,400
Equals: National income.....	241,876	330,206	350,836	366,943	367,384	399,551	417,054	430,200
Less:								
Corporate profits and inventory valuation adjustment.....	35,663	43,126	41,990	41,669	37,155	46,362	45,068	46,200
Contributions for social insurance.....	6,870	10,995	12,586	14,522	14,835	17,572	20,744	21,900
Excess of wage accruals over disbursements.....	24	0	0	0	0	0	0	0
Plus:								
Government transfer payments to persons.....	14,304	16,050	17,190	20,089	24,501	25,412	27,252	31,000
Net interest paid by government.....	4,794	5,389	5,745	6,204	6,175	7,075	7,774	7,300
Dividends.....	9,208	11,215	12,588	12,358	12,358	13,408	14,115	14,400
Business transfer payments.....	843	1,467	1,016	1,790	1,831	1,836	1,836	1,800
Equals: Personal income.....	228,468	310,196	332,943	351,423	360,259	383,848	402,219	416,700
Less:								
Personal tax and nontax payments.....	20,813	35,748	40,001	42,632	42,335	45,999	50,896	51,800
Federal.....	18,179	31,521	36,180	37,342	36,640	39,607	43,160	43,900
State and local.....	2,634	4,227	4,821	5,290	5,695	6,392	7,236	8,000
Equals: Disposable personal income.....	207,655	274,448	292,942	308,791	317,924	337,349	351,823	364,900
Less:								
Personal consumption expenditures.....	195,013	256,940	269,917	285,164	293,198	313,996	328,920	339,000
Equals: Personal savings.....	12,642	17,508	23,025	23,627	24,726	23,353	22,897	25,800

Source: Department of Commerce, Office of Business Economics: *Survey of Current Business*, July 1961 and February 1962.

### No. 423. GROSS NATIONAL PRODUCT OR EXPENDITURE IN CURRENT AND CONSTANT (1954) DOLLARS: 1950 TO 1961

[In billions of dollars. Beginning 1960, includes Alaska and Hawaii. Constant dollar figures obtained by dividing current-dollar estimates, in as fine a product classification as possible, by appropriate price indexes based on 1954 as 100, in order to eliminate from the current dollar estimates all price changes as compared with 1954. For definition of gross national product, see text, p. 310. See also *Historical Statistics, Colonial Times to 1957*, series F 67-103]

ITEM	1950	1955	1956	1957	1958	1959	1960	1961 (prel.)
<b>CURRENT DOLLARS</b>								
Gross national product.....	284.6	397.5	419.2	442.8	444.5	482.8	504.4	521.3
Personal consumption expenditures.....	195.0	268.9	269.9	285.2	293.2	314.0	328.9	339.0
Durable goods.....	30.4	39.6	38.5	40.4	37.3	43.5	44.3	42.3
Nondurable goods.....	99.8	124.8	131.4	137.7	141.6	147.3	152.4	155.5
Services.....	64.9	92.5	100.0	107.1	114.3	123.2	132.2	141.2
Gross private domestic investment.....	60.0	63.8	67.4	66.1	56.6	72.4	72.4	69.6
New construction.....	24.2	34.9	35.5	36.1	35.5	40.2	40.7	41.7
Residential nonfarm.....	14.1	18.7	17.7	17.0	18.0	22.3	21.1	21.2
Other.....	10.1	16.2	17.8	19.0	17.4	17.9	19.6	20.5
Producers' durable equipment.....	18.9	23.1	27.2	28.5	23.1	25.9	27.5	25.7
Change in business inventories.....	6.8	5.8	4.7	1.6	-2.0	6.3	4.2	-2.2
Nonfarm.....	6.0	5.5	5.1	.8	-2.9	6.2	4.0	1.8
Farm.....	.8	.3	-.4	.8	.9	.1	.3	.3
Net exports of goods and services.....	.6	1.1	2.9	4.9	1.2	-7.7	3.0	4.0
Exports.....	13.1	19.4	23.1	26.2	22.7	23.1	26.7	27.4
Imports.....	12.5	18.3	20.2	21.3	21.5	23.8	23.6	23.4
Government purchases of goods and services.....	39.0	75.6	79.0	86.5	93.5	97.1	100.1	108.7
Federal.....	19.3	45.3	45.7	49.7	52.6	53.5	52.9	57.3
National defense.....	14.3	39.1	40.4	44.4	44.8	46.2	45.5	49.2
Other.....	5.2	6.6	5.7	5.7	8.3	7.8	8.0	8.6
Less: Government sales.....	.1	.4	.3	.4	.5	.5	.6	.6
State and local.....	19.7	30.3	33.2	36.8	40.8	43.6	47.2	51.4
<b>CONSTANT (1954) DOLLARS</b>								
Gross national product.....	318.1	392.7	400.9	408.6	401.3	428.4	440.8	448.8
Personal consumption expenditures.....	216.8	266.0	264.3	271.2	273.2	289.3	298.3	303.6
Durable goods.....	32.1	39.6	38.0	38.5	35.5	41.0	41.8	40.1
Nondurable goods.....	109.2	125.4	130.3	132.6	133.3	138.8	141.8	143.6
Services.....	75.5	91.0	96.0	100.1	104.4	100.5	114.7	119.9
Gross private domestic investment.....	55.9	62.5	61.7	58.1	49.0	61.1	60.6	57.7
New construction.....	27.4	33.9	32.3	31.8	31.1	34.3	33.9	34.4
Residential nonfarm.....	15.5	18.2	16.2	15.3	16.2	10.4	18.0	18.1
Other.....	11.9	15.7	16.1	16.5	14.8	14.8	16.0	16.4
Producers' durable equipment.....	21.3	22.5	25.0	24.6	19.4	21.3	22.7	21.2
Change in business inventories.....	7.2	6.1	4.5	1.6	-1.5	5.5	4.0	2.1
Nonfarm.....	6.5	5.4	4.9	.7	-2.4	5.6	3.8	1.7
Farm.....	.7	.7	-.4	1.0	.8	-.0	.2	.3
Net exports of goods and services.....	.2	.9	2.5	3.8	-.2	-2.1	1.7	2.0
Exports.....	14.5	19.2	22.4	24.4	21.4	22.2	25.3	25.5
Imports.....	14.2	18.3	19.8	20.6	21.6	24.3	23.6	23.5
Government purchases of goods and services.....	45.1	73.2	72.3	75.5	79.3	80.1	80.2	85.5
Federal.....	21.6	43.5	41.7	43.2	44.5	43.9	42.3	44.9
State and local.....	23.5	29.7	30.6	32.2	34.8	36.2	38.0	40.6

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, July 1961 and February 1962.

### No. 424. PER CAPITA INCOME AND PRODUCT FOR SELECTED ITEMS IN CURRENT AND CONSTANT (1954) DOLLARS: 1950 TO 1961

[Beginning 1960, includes Alaska and Hawaii. For population figures used to derive these data, see table 430. See also *Historical Statistics, Colonial Times to 1957*, series F 2 and, for data in 1929 dollars, series F 4]

ITEM	1950	1955	1956	1957	1958	1959	1960	1961 (prel.)
<b>CURRENT DOLLARS</b>								
Gross national product.....	1,876	2,405	2,493	2,586	2,554	2,726	2,792	2,839
Personal income.....	1,595	1,998	2,086	2,143	2,111	2,256	2,308	2,342
Personal income.....	1,506	1,877	1,980	2,053	2,070	2,165	2,226	2,260
Disposable personal income.....	1,369	1,661	1,742	1,804	1,827	1,905	1,947	1,987
Personal consumption expenditures.....	1,286	1,555	1,605	1,666	1,684	1,773	1,821	1,846
<b>CONSTANT (1954) DOLLARS</b>								
Gross national product.....	2,096	2,376	2,383	2,386	2,305	2,419	2,440	2,444
Disposable personal income.....	1,523	1,654	1,706	1,716	1,703	1,754	1,765	1,779
Personal consumption expenditures.....	1,430	1,549	1,572	1,585	1,569	1,633	1,651	1,653

<sup>1</sup> Figures obtained by dividing current-dollar disposable personal income by the implicit price deflator for personal consumption expenditures.

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, July 1961, February 1962, and records.

NO. 425. PERSONAL CONSUMPTION EXPENDITURES, BY TYPE OF PRODUCT: 1950 TO 1960

[In millions of dollars. Beginning 1960, includes Alaska and Hawaii. Represents market value of purchases of goods and services by individuals and nonprofit institutions, and value of food, clothing, housing, and financial services received by them as income in kind. Includes rental value of owner-occupied houses, but not purchases of dwellings (which are classified as capital goods). See also *Historical Statistics, Colonial Times to 1967*, series G 191-218]

TYPE OF PRODUCT	1950	1955	1956	1957	1958	1959	1960
<b>Total consumption</b> .....	<b>195,013</b>	<b>256,940</b>	<b>269,917</b>	<b>285,164</b>	<b>293,198</b>	<b>313,996</b>	<b>328,926</b>
Food, beverages, <sup>2</sup> and tobacco.....	59,670	73,292	70,872	80,388	82,909	85,027	87,548
Purchased meals and beverages.....	11,749	14,371	15,062	15,596	15,694	16,456	17,000
Tobacco.....	4,432	5,350	5,038	6,064	6,400	7,041	7,493
Clothing, accessories, and jewelry.....	23,795	28,430	29,732	30,747	31,046	33,053	33,904
Women's and children's, except footwear.....	10,014	12,477	12,892	13,718	13,943	14,813	15,103
Men's and boys', except footwear.....	6,003	7,218	7,756	7,811	7,691	8,279	8,485
Jewelry and watches.....	1,370	1,835	1,920	1,904	1,908	2,038	2,136
Shoes, and shoe cleaning and repair.....	3,517	3,821	3,966	4,055	4,204	4,623	4,724
Personal care.....	2,452	3,390	3,734	4,025	4,425	4,877	5,243
Housing.....	21,198	30,738	32,094	35,244	37,656	39,924	42,209
Household operations.....	29,003	36,522	38,928	40,181	41,278	44,060	45,862
Furniture, equipment, and supplies.....	16,421	19,492	20,571	20,791	20,794	22,341	22,613
Electricity.....	1,064	3,300	3,618	3,899	4,169	4,637	4,830
Gas.....	1,171	1,984	2,217	2,351	2,827	2,837	3,177
Water, other fuels, and ice.....	3,855	4,340	4,466	4,577	4,593	4,710	4,780
Telephone, telegraph, etc. (cable and wire- less).....	1,942	2,966	3,244	3,542	3,781	4,042	4,410
Domestic service.....	2,572	2,942	3,187	3,283	3,472	3,522	3,774
Medical care and death expenses.....	9,711	14,014	15,396	16,779	18,082	19,697	21,326
Personal business.....	8,005	12,993	14,573	15,791	17,046	18,872	20,602
Expense of handling life insurance.....	1,816	2,775	3,133	3,504	4,001	4,287	4,439
Interest on personal debt.....	1,923	3,887	4,497	4,937	5,079	5,547	6,322
Transportation.....	24,654	35,341	33,987	36,475	33,565	38,998	40,715
User-operated transportation.....	21,651	32,179	30,777	33,205	30,364	35,635	37,248
New cars and net purchase of used cars.....	10,729	15,800	13,436	14,572	11,488	15,262	16,800
Gasoline and oil.....	5,375	8,770	9,558	10,360	10,465	10,968	11,613
Purchased local transportation.....	2,041	2,003	1,987	1,981	1,926	1,973	1,995
Purchased intercity transportation.....	962	1,154	1,223	1,289	1,275	1,390	1,472
Recreation.....	11,278	14,220	15,193	16,082	16,842	18,356	19,408
Private education and research.....	1,801	2,597	2,903	3,232	3,641	4,053	4,467
Religious and welfare activities.....	2,364	3,106	3,465	3,709	3,997	4,281	4,687
Foreign travel and remittances, net.....	1,082	2,288	2,440	2,511	2,621	2,798	2,950
<b>Percent</b> .....	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Food, beverages, <sup>2</sup> and tobacco.....	30.6	28.5	28.5	28.2	28.3	27.1	26.6
Clothing, accessories, and jewelry.....	12.2	11.1	11.0	10.8	10.6	10.5	10.3
Personal care.....	1.3	1.3	1.4	1.4	1.5	1.6	1.6
Housing.....	10.9	12.0	12.1	12.4	12.8	12.7	12.8
Household operations.....	14.0	14.2	14.4	14.1	14.1	14.0	13.9
Medical care and death expenses.....	5.0	5.5	5.7	5.9	6.2	6.3	6.5
Personal business.....	4.1	5.1	5.4	5.5	5.8	6.0	6.3
Transportation.....	12.6	13.8	12.6	12.8	11.4	12.4	12.4
Recreation.....	5.8	5.5	5.6	5.6	5.7	5.8	5.9
Private education and research.....	0.9	1.0	1.1	1.1	1.2	1.3	1.4
Religious and welfare activities.....	1.2	1.2	1.3	1.3	1.4	1.4	1.4
Foreign travel and remittances, net.....	0.6	0.9	0.9	0.9	0.9	0.9	0.9

<sup>1</sup> Preliminary total for 1961 is \$339 billion; detail not available.

<sup>2</sup> Includes alcoholic beverages.

Source: Department of Commerce, Office of Business Economics; *National Income Supplement*, 1954; *U.S. Income and Output*, a supplement to the *Survey of Current Business*; and *Survey of Current Business*, July 1961 and February 1962.

## No. 426. NATIONAL INCOME, BY TYPE OF INCOME: 1950 TO 1961

[In millions of dollars. Beginning 1960, includes Alaska and Hawaii. For definition of national income, see text, p. 310. See also *Historical Statistics, Colonial Times to 1967*, series F 49-54]

ITEM	1950	1955	1956	1957	1958	1959	1960	1961 (prel.)
National income.....	241,876	330,206	350,836	366,943	367,384	399,551	417,054	430,200
Compensation of employees.....	154,190	223,852	242,502	255,499	257,142	278,427	293,697	302,900
Wages and salaries.....	126,891	210,902	227,634	238,548	239,803	258,474	271,310	279,700
Private.....	144,121	174,927	189,593	198,379	196,556	213,161	222,953	227,800
Military.....	4,999	9,778	9,663	9,644	9,767	9,873	9,894	10,400
Government civilian <sup>1</sup> .....	17,271	26,197	28,378	30,525	33,480	35,440	38,472	41,600
Supplements to wages and salaries.....	7,799	12,950	14,868	16,951	17,339	19,953	22,378	23,200
Employer contributions for social insurance.....	3,976	5,814	6,766	7,811	7,982	9,659	11,487	12,100
Other labor income.....	3,823	7,136	8,102	9,140	9,357	10,294	10,891	11,100
Employer contributions to private pension and welfare funds.....	2,743	5,523	6,273	7,163	7,267	8,039	8,454	(?)
Other.....	1,080	1,613	1,829	1,977	2,090	2,255	2,437	(?)
Proprietors' income.....	37,541	42,149	43,715	44,457	46,052	46,333	48,163	49,600
Business and professional.....	24,591	30,382	32,098	32,677	32,604	35,015	36,192	36,500
Income of unincorporated enterprises.....	24,635	30,580	32,600	32,977	32,660	35,154	36,292	36,500
Inventory valuation adjustment.....	-1,094	-198	-502	-300	-56	-139	-70	0
Farm <sup>2</sup> .....	14,000	11,767	11,617	11,780	13,648	11,318	11,971	13,100
Rental income of persons.....	9,013	10,698	10,913	11,891	12,208	11,865	11,713	11,500
Corporate profits and inventory valuation adjustment.....	35,663	43,126	41,990	41,669	37,155	46,362	45,068	46,200
Profits before tax.....	40,628	44,862	44,683	43,208	37,410	46,827	45,026	46,100
Profits tax liability.....	17,865	21,827	21,227	20,922	18,646	23,104	22,342	22,800
Profits after tax.....	22,763	23,035	23,456	22,286	18,764	23,723	22,684	23,300
Dividends.....	9,208	11,215	12,132	12,558	12,358	13,408	14,115	14,400
Undistributed profits.....	13,555	11,820	11,324	9,698	6,406	10,315	8,569	8,900
Inventory valuation adjustment.....	-4,965	-1,736	-2,693	-1,539	-255	-465	42	100
Net interest.....	5,469	10,381	11,716	13,427	14,827	16,564	18,413	20,000

<sup>1</sup> Comprises pay of employees of government enterprises and of permanent U.S. residents employed in U.S. by foreign governments and international organizations.

<sup>2</sup> Not available. <sup>3</sup> Inventory valuation adjustment data for farms are not available separately.

## No. 427. NATIONAL INCOME, BY LEGAL FORM OF ORGANIZATION: 1950 TO 1960

[In millions of dollars. Beginning 1960, includes Alaska and Hawaii. For definition of national income, see text, p. 310]

ITEM	1950	1955	1956	1957	1958	1959	1960
National income <sup>1</sup> .....	241,876	330,206	350,836	366,943	367,384	399,551	417,054
Income originating in business.....	211,482	281,760	298,320	310,494	307,003	335,636	347,972
Corporate business.....	132,302	184,209	195,159	202,920	195,795	210,759	226,452
Compensation of employees <sup>2</sup> .....	97,404	142,184	154,645	162,727	169,456	174,233	182,434
Corporate profits and inventory valuation adjustment.....	34,663	41,568	40,233	39,744	35,356	44,571	43,206
Net interest.....	235	457	281	449	983	955	812
Sole proprietorships and partnerships.....	62,684	74,722	79,020	81,091	82,992	86,397	90,417
Compensation of employees <sup>2</sup> .....	24,875	32,270	34,806	35,982	36,351	39,443	41,588
Proprietors' income.....	37,277	41,666	43,200	44,001	45,495	45,694	47,428
Business and professional.....	23,277	29,899	31,673	32,221	31,947	34,376	35,467
Farm.....	14,000	11,767	11,617	11,780	13,648	11,318	11,971
Net interest <sup>3</sup> .....	532	786	924	1,108	1,146	1,260	1,401
Other private business <sup>4</sup> .....	13,820	19,030	20,151	22,272	23,573	24,644	25,887
Compensation of employees <sup>2</sup> .....	2,084	3,041	3,299	3,572	3,768	4,005	4,280
Proprietors' income—business and professional <sup>4</sup> .....	264	483	425	456	557	639	735
Rental income of persons.....	9,013	10,698	10,913	11,891	12,208	11,865	11,713
Net interest.....	2,459	4,808	5,514	6,358	7,050	8,135	9,159
Government enterprises—compensation of employees <sup>5</sup> .....	2,676	3,799	3,990	4,206	4,643	4,836	5,216
Income originating in general government—compensation of employees <sup>2</sup> .....	20,814	33,967	36,411	38,949	41,975	44,139	47,324
Income originating in households and institutions <sup>6</sup> .....	8,392	12,696	14,093	15,255	16,307	17,610	19,478
Income originating in rest of the world.....	1,188	1,783	2,012	2,245	2,099	2,166	2,280

<sup>1</sup> Preliminary total for 1961 is \$430 billion; detail not available.

<sup>2</sup> Wages and salaries and supplements to wages and salaries.

<sup>3</sup> Net only of imputed interest received, and of cash interest received by firms engaged in lending as a principal activity; cash interest received by other proprietors is considered as received in their personal capacity.

<sup>4</sup> Includes all mutual financial institutions; producers' and consumers' cooperatives; nonprofit organizations, such as trade associations furnishing services to business; individually owned property including owner-occupied homes; and miscellaneous forms of business organization.

<sup>5</sup> Estimated patronage refunds and stock dividends paid by farmers' cooperatives and profits of mutual nonlife insurance companies.

<sup>6</sup> Includes private households; and religious organizations, social and athletic clubs, labor organizations, nonprofit schools and hospitals, charitable and welfare organizations, and all other nonprofit organizations furnishing services to individuals.

Source of tables 426 and 427: Department of Commerce, Office of Business Economics; *U.S. Income and Output*, a supplement to the *Survey of Current Business*, and *Survey of Current Business*, July 1961 and February 1962.

## No. 428. NATIONAL INCOME, BY INDUSTRIAL ORIGIN: 1950 TO 1961

(In millions of dollars. Beginning 1960, includes Alaska and Hawaii. National income (for definition, see text, p. 310) originating in each industry is the sum of factor costs incurred by the industry in production. Hence, it is net value added to production by industry, measured at factor costs. See also *Historical Statistics, Colonial Times to 1957*, series F 22-23)

INDUSTRIAL DIVISION	1950	1955	1956	1957	1958	1959	1960	1961 (prel.)
All industries.....	241,876	330,206	350,836	366,943	367,384	399,551	417,054	430,200
Agriculture, forestry, and fisheries.....	17,923	10,084	16,087	16,305	18,338	16,304	17,161	18,400
Farms.....	17,328	15,234	15,143	15,397	17,369	15,325	16,122	( <sup>1</sup> )
Mining.....	5,010	5,699	6,243	6,238	5,435	5,436	5,510	5,700
Metal.....	691	990	1,092	961	787	664	869	( <sup>1</sup> )
Anthracite.....	282	133	170	162	149	107	92	( <sup>1</sup> )
Bituminous and other soft coal.....	1,700	1,313	1,543	1,569	1,221	1,188	1,160	( <sup>1</sup> )
Crude petroleum and natural gas.....	1,804	2,410	2,092	2,767	2,561	2,694	2,582	( <sup>1</sup> )
Nonmetallic mining and quarrying.....	527	763	836	789	750	813	833	( <sup>1</sup> )
Contract construction.....	11,833	17,358	19,515	20,247	19,870	21,697	22,494	23,000
Manufacturing.....	74,371	104,490	103,268	112,476	103,817	119,569	121,544	121,700
Food and kindred products.....	6,654	8,826	8,799	9,075	9,375	10,090	10,305	( <sup>1</sup> )
Tobacco manufactures.....	470	596	747	807	877	967	1,005	( <sup>1</sup> )
Textile-mill products.....	4,645	4,320	4,382	4,157	3,074	4,626	4,619	( <sup>1</sup> )
Apparel and other finished fabric products.....	3,414	4,120	4,410	4,381	4,833	4,689	4,876	( <sup>1</sup> )
Lumber and furniture products.....	4,236	4,995	5,138	4,718	4,523	5,335	5,065	( <sup>1</sup> )
Paper and allied products.....	2,683	3,725	4,186	4,016	3,061	4,469	4,582	( <sup>1</sup> )
Printing, publishing, and allied industries.....	3,637	5,069	5,436	5,700	5,708	6,192	6,563	( <sup>1</sup> )
Chemicals and allied products.....	6,496	7,486	7,730	8,100	7,928	9,152	9,165	( <sup>1</sup> )
Products of petroleum and coal.....	3,071	4,042	4,344	3,967	3,073	4,195	4,199	( <sup>1</sup> )
Rubber products.....	1,044	1,704	1,895	1,914	1,796	2,119	2,151	( <sup>1</sup> )
Leather and leather products.....	1,111	1,368	1,461	1,480	1,308	1,634	1,559	( <sup>1</sup> )
Stone, clay, and glass products.....	2,639	3,792	3,920	3,871	3,772	4,466	4,427	( <sup>1</sup> )
Metals, metal products, and miscellaneous.....	15,899	22,025	23,486	24,377	21,720	24,619	25,209	( <sup>1</sup> )
Machinery, except electrical.....	7,240	10,870	12,182	12,333	10,610	12,490	12,691	( <sup>1</sup> )
Electrical machinery.....	4,416	6,681	7,521	8,368	7,630	9,613	10,132	( <sup>1</sup> )
Transportation equipment, except automobiles.....	2,046	5,728	6,395	7,589	7,014	7,952	6,709	( <sup>1</sup> )
Automobiles and automobile equipment.....	6,665	9,634	7,227	7,093	5,255	7,947	8,387	( <sup>1</sup> )
Wholesale and retail trade.....	42,707	55,000	58,192	60,350	61,136	66,438	68,768	71,100
Wholesale trade.....	13,682	18,729	20,414	21,355	21,442	23,444	23,865	( <sup>1</sup> )
Retail trade and auto. services.....	29,025	36,271	37,778	38,995	39,694	42,994	44,903	( <sup>1</sup> )
Finance, insurance, and real estate <sup>2</sup> .....	21,789	30,018	32,367	35,276	37,555	40,119	42,325	43,500
Banking.....	2,004	4,586	5,104	5,679	5,923	6,646	7,250	( <sup>1</sup> )
Insurance carriers.....	2,251	3,409	3,183	3,489	4,123	4,557	4,879	( <sup>1</sup> )
Insurance agents and combination offices.....	1,138	1,823	1,975	2,087	2,181	2,315	2,449	( <sup>1</sup> )
Real estate.....	14,754	18,794	20,756	22,590	23,835	24,742	25,833	( <sup>1</sup> )
Transportation <sup>2</sup> .....	13,278	15,781	16,841	17,208	16,423	17,563	17,816	17,500
Railroads.....	7,076	7,118	7,619	7,503	6,824	6,938	6,733	( <sup>1</sup> )
Local and highway passenger transportation.....	1,336	1,411	1,415	1,452	1,480	1,496	1,540	( <sup>1</sup> )
Highway freight, etc.....	2,819	4,301	4,647	4,885	4,911	5,601	5,725	( <sup>1</sup> )
Water transportation.....	748	987	1,012	1,101	949	956	1,049	( <sup>1</sup> )
Communications and public utilities <sup>2</sup> .....	7,198	11,677	12,658	13,405	14,179	15,334	16,610	17,400
Telephone, telegraph, etc.....	2,062	4,538	5,328	5,684	6,044	6,567	7,033	( <sup>1</sup> )
Utilities: Electric and gas.....	3,794	6,014	6,430	6,777	7,154	7,561	8,499	( <sup>1</sup> )
Services <sup>2</sup> .....	23,089	33,740	37,252	39,978	41,008	45,920	50,000	52,900
Hotels and other lodging places.....	1,385	1,057	1,749	1,810	1,771	1,928	2,052	( <sup>1</sup> )
Personal services.....	3,036	3,652	3,929	4,169	4,199	4,417	4,826	( <sup>1</sup> )
Private households.....	4,657	6,960	7,839	8,363	8,719	9,259	10,300	( <sup>1</sup> )
Medical and other health services.....	4,644	6,997	7,564	8,167	9,023	10,107	11,002	( <sup>1</sup> )
Legal services.....	1,339	1,900	1,965	2,115	2,224	2,592	2,827	( <sup>1</sup> )
Government and government enterprises.....	23,490	37,765	40,401	43,155	46,618	48,975	52,540	56,500
Federal—general government.....	10,680	18,240	18,833	19,425	20,430	20,840	21,612	( <sup>1</sup> )
Federal—government enterprises.....	1,897	2,521	2,667	2,830	3,169	3,260	3,527	( <sup>1</sup> )
State and local—general government.....	10,124	15,727	17,578	19,524	21,645	23,299	25,712	( <sup>1</sup> )
State and local—govt. enterprises.....	1,779	1,278	1,323	1,478	1,474	1,567	1,689	( <sup>1</sup> )
Rest of the world.....	1,188	1,783	2,012	2,245	2,009	2,166	2,280	2,600

<sup>1</sup> Not available.

<sup>2</sup> Includes items not shown separately.

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, July 1961 and February 1962.

## No. 429. PERSONAL INCOME AND DISPOSITION OF INCOME: 1950 TO 1961

[In millions of dollars. Beginning 1960, includes Alaska and Hawaii. For definition of personal income, see text, p. 310. See also *Historical Statistics, Colonial Times to 1957*, series F 8-9 and F 253]

ITEM	1950	1955	1956	1957	1958	1959	1960	1961 (prel.)
<b>Personal income</b> .....	228,468	310,196	332,943	351,423	360,259	383,348	402,219	416,700
Wage and salary disbursements.....	146,367	210,902	227,634	238,548	239,803	258,474	271,319	279,700
Other labor income <sup>1</sup> .....	3,823	7,136	8,102	9,140	9,357	10,294	10,891	11,100
Proprietors' income.....	37,541	42,149	43,715	44,457	46,052	46,333	48,163	49,000
Business and professional.....	23,541	30,382	32,098	32,077	32,504	35,015	36,192	36,500
Farm.....	14,000	11,767	11,617	11,780	13,548	11,318	11,971	13,100
Rental income of persons.....	9,013	10,698	10,913	11,891	12,208	11,865	11,713	11,500
Dividends.....	9,208	11,215	12,132	12,588	12,358	13,408	14,115	14,400
Personal interest income.....	10,263	15,770	17,461	10,631	21,002	23,639	26,187	27,300
<b>Transfer payments</b> .....	15,147	17,507	18,806	21,879	26,332	27,248	29,088	32,900
Old-age and survivors insurance benefits.....	954	4,915	5,652	7,321	8,478	10,175	11,130	12,600
State unemployment insurance benefits.....	1,367	1,369	1,400	1,755	3,944	2,514	2,782	4,000
Veterans' benefits.....	4,884	4,260	4,227	4,364	4,559	4,520	4,562	4,800
Other.....	7,942	6,973	7,527	8,439	9,351	10,039	10,624	11,500
Less: Personal contributions for social insurance.....	2,394	5,181	5,820	6,711	6,853	7,913	9,257	9,700
Less: Personal tax and nontax payments.....	20,813	35,748	40,001	42,632	42,335	45,999	50,396	51,800
Federal.....	18,170	31,521	35,180	37,342	36,640	39,607	43,180	43,000
State and local.....	2,634	4,227	4,821	5,290	5,695	6,392	7,236	8,000
<b>Equals: Disposable personal income</b> .....	207,655	274,448	292,942	308,791	317,924	337,349	351,823	364,000
Less: Personal consumption expenditures.....	195,013	256,940	269,917	285,164	293,198	313,996	328,926	339,000
<b>Equals: Personal saving</b> .....	12,642	17,508	23,025	23,627	24,726	23,353	22,897	25,800

<sup>1</sup> Comprises employer contributions under private pension and related plans, compensation for injuries, and other payments.

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, July 1961 and February 1962.

## No. 430. DISPOSABLE PERSONAL INCOME AND PERSONAL CONSUMPTION EXPENDITURES IN CURRENT AND 1961 PRICES, AND PERSONAL NET SAVING IN CURRENT PRICES: 1929 TO 1961

[Beginning 1960, includes Alaska and Hawaii]

ITEM	1929	1933	1940	1945	1950	1955	1959	1960	1961 (prel.)
<b>Disposable personal income:</b>									
Current prices.....bil. dol.	83.1	45.7	76.1	150.4	207.7	274.4	337.3	351.8	364.9
1961 prices <sup>1</sup> .....do.	150.3	114.0	170.2	235.7	256.7	304.2	346.3	355.7	364.9
Per capita:									
Current prices.....dol.	682	364	576	1,075	1,369	1,660	1,905	1,947	1,987
1961 prices <sup>1</sup> .....do.	1,233	908	1,289	1,685	1,602	1,840	1,956	1,969	1,987
<b>Personal consumption expenditures:</b>									
Current prices.....bil. dol.	79.0	46.4	71.9	121.7	195.0	256.9	314.0	328.9	339.2
1961 prices <sup>2</sup> .....do.	142.8	116.7	160.8	190.9	241.0	284.7	322.1	332.7	339.2
Per capita:									
Current prices.....dol.	648	369	544	870	1,286	1,554	1,773	1,820	1,847
1961 prices <sup>2</sup> .....do.	1,172	921	1,217	1,364	1,589	1,723	1,821	1,841	1,847
<b>Personal net saving:</b>									
Current prices.....bil. dol.	4.2	-.6	4.2	28.7	12.6	17.5	23.4	22.9	25.7
Percent of disposable personal income.....	5.1	-1.2	5.5	19.1	6.1	6.4	6.9	6.5	7.0
Population <sup>4</sup> .....	1,000	121,875	125,690	132,122	139,928	151,683	165,270	177,076	180,670
								180,670	183,650

<sup>1</sup> Dollar estimates in current prices divided by the implicit deflator for the personal consumption expenditures component of gross national product on a 1961 base.

<sup>2</sup> These estimates represent an approximate conversion of the Department of Commerce series in 1954 prices. This was done by major components, using the implicit price deflators converted to a 1961 base.

<sup>3</sup> Total expenditures in 1961 prices divided by population.

<sup>4</sup> Population as of July 1; includes Armed Forces abroad.

Source: Department of Commerce, Office of Business Economics and Bureau of the Census; and Executive Office of the President, Council of Economic Advisers; published in *Economic Report of the President*, January 1962.



# Personal Income

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## No. 431. PERSONAL INCOME, BY STATES: 1929 TO 1960

[State personal income is a measure of current income received from all sources during the calendar year by the residents of each State. Excludes wages and salaries received by Federal military and civilian employees temporarily stationed abroad; hence, U.S. data shown here differ from those in tables 422, 424, and 429. See text, p. 310]

STATE	AMOUNT (millions of dollars)						PER CAPITA (dollars)					
	1929	1940	1950	1955	1959	1960	1929	1940	1950	1955	1959	1960
<b>United States<sup>1</sup></b>	85,661	78,522	225,473	306,598	380,738	400,002	703	595	1,491	1,866	2,160	2,223
<b>New England</b>	7,125	6,398	15,180	20,200	24,786	26,061	876	757	1,629	2,076	2,388	2,471
Maine	479	444	1,087	1,452	1,724	1,851	601	523	1,193	1,575	1,800	1,900
New Hampshire	322	285	699	952	1,124	1,203	680	579	1,316	1,712	1,980	2,074
Vermont	225	184	448	607	694	727	627	507	1,188	1,528	1,798	1,869
Massachusetts	3,862	3,885	7,799	10,056	12,387	13,016	913	784	1,663	2,085	2,437	2,510
Rhode Island	596	534	1,287	1,617	1,850	1,909	871	743	1,662	1,900	2,166	2,228
Connecticut	1,641	1,566	3,890	5,566	6,939	7,295	1,029	917	1,950	2,489	2,781	2,863
<b>Middle Atlantic</b>	25,350	21,563	53,230	69,565	85,185	88,883	979	783	1,757	2,157	2,519	2,594
New York	14,105	11,713	28,054	36,508	45,016	46,927	1,159	870	1,882	2,270	2,709	2,789
New Jersey	3,714	3,453	8,099	12,351	15,441	16,256	931	822	1,790	2,304	2,591	2,605
Pennsylvania	7,531	6,417	16,477	20,706	24,728	25,700	775	648	1,566	1,916	2,201	2,266
<b>East North Central</b>	20,235	17,818	50,744	70,208	83,065	86,225	803	667	1,660	2,094	2,316	2,373
Ohio	5,178	4,606	12,391	18,589	21,947	22,778	781	665	1,612	2,061	2,283	2,330
Indiana	1,973	1,898	6,006	8,251	9,700	10,192	612	553	1,520	1,892	2,101	2,170
Illinois	7,280	5,904	15,984	20,968	25,643	26,426	957	754	1,826	2,272	2,571	2,613
Michigan	3,803	3,610	10,803	15,785	17,469	18,225	793	679	1,682	2,178	2,253	2,322
Wisconsin	2,001	1,740	5,000	6,615	8,306	8,605	682	554	1,467	1,804	2,122	2,171
<b>West North Central</b>	7,584	6,515	19,854	24,683	30,372	31,941	572	483	1,411	1,664	1,988	2,071
Minnesota	1,559	1,407	4,184	5,450	6,658	7,086	598	525	1,397	1,710	1,971	2,054
Iowa	1,419	1,272	3,799	4,200	5,409	5,531	577	501	1,491	1,587	1,970	2,003
Missouri	2,275	1,982	5,705	7,579	9,250	9,522	628	524	1,446	1,795	2,158	2,199
North Dakota	253	224	781	872	876	1,104	375	350	1,208	1,380	1,557	1,741
South Dakota	288	280	793	801	1,020	1,256	417	399	1,216	1,279	1,502	1,842
Nebraska	811	578	1,949	2,203	2,757	2,988	590	439	1,472	1,620	1,966	2,113
Kansas	999	762	2,643	3,458	4,302	4,504	535	426	1,380	1,662	1,990	2,008
<b>South Atlantic</b>	7,247	8,227	25,564	35,783	46,064	48,377	462	459	1,204	1,530	1,798	1,856
Delaware	240	270	889	1,049	1,285	1,353	1,017	1,004	2,146	2,718	3,027	3,013
Maryland	1,200	1,309	3,765	5,453	7,096	7,400	777	712	1,580	1,962	2,326	2,394
Dist. of Col.	615	807	1,774	1,947	2,200	2,292	1,273	1,170	2,179	2,434	2,868	3,086
Virginia	1,054	1,267	4,024	5,603	7,041	7,351	435	403	1,284	1,571	1,762	1,848
West Virginia	794	777	2,203	2,686	3,099	3,109	462	407	1,068	1,356	1,636	1,674
North Carolina	1,040	1,171	4,108	5,635	6,752	7,184	334	328	1,012	1,285	1,500	1,574
South Carolina	470	584	1,899	2,604	3,157	3,841	270	307	887	1,147	1,333	1,397
Georgia	1,015	1,060	3,510	4,918	6,076	6,349	350	340	1,017	1,332	1,557	1,608
Florida	753	982	3,632	6,088	8,398	9,038	521	513	1,287	1,659	1,992	1,988
<b>East South Central</b>	3,428	3,184	10,371	13,902	17,007	17,566	348	294	963	1,208	1,422	1,455
Kentucky	1,020	914	2,834	3,782	4,604	4,702	391	320	958	1,207	1,514	1,543
Tennessee	952	995	3,288	4,347	5,348	5,522	377	339	995	1,270	1,508	1,545
Alabama	856	801	2,659	3,708	4,602	4,785	324	282	869	1,199	1,420	1,462
Mississippi	570	474	1,500	2,065	2,557	2,557	285	218	733	994	1,153	1,173
<b>West South Central</b>	5,259	5,005	17,365	23,639	29,655	30,462	436	383	1,194	1,511	1,772	1,791
Arkansas	564	501	1,539	1,933	2,360	2,397	305	256	807	1,087	1,327	1,341
Louisiana	866	861	2,937	3,985	5,146	5,245	415	363	1,087	1,357	1,605	1,604
Oklahoma	1,077	867	2,514	3,341	4,117	4,312	454	373	1,146	1,528	1,789	1,848
Texas	2,752	2,776	10,375	14,380	18,033	18,508	478	428	1,339	1,645	1,908	1,924
<b>Mountain</b>	2,118	2,144	7,101	10,044	13,474	14,337	580	516	1,387	1,693	2,007	2,079
Montana	312	318	957	1,158	1,319	1,368	595	570	1,030	1,802	1,978	2,018
Idaho	225	242	757	917	1,180	1,205	503	464	1,279	1,518	1,802	1,796
Wyoming	151	152	474	570	728	775	677	608	1,623	1,810	2,240	2,334
Colorado	642	617	1,930	2,783	3,776	4,079	637	546	1,444	1,758	2,160	2,320
New Mexico	171	199	798	1,159	1,689	1,730	407	375	1,162	1,434	1,820	1,806
Arizona	254	248	979	1,633	2,393	2,550	591	497	1,295	1,696	1,912	2,011
Utah	284	269	892	1,242	1,621	1,711	559	487	1,282	1,556	1,848	1,910
Nevada	70	99	314	582	757	819	878	870	938	2,425	2,713	2,844
<b>Pacific<sup>1</sup></b>	7,815	7,668	26,064	38,574	51,130	56,150	911	784	1,786	2,207	2,568	2,630
Washington	1,166	1,152	3,936	5,211	6,350	6,626	750	662	1,671	1,981	2,249	2,317
Oregon	647	677	2,451	3,139	3,865	4,005	683	623	1,600	1,857	2,201	2,259
California	5,502	5,839	19,627	30,224	40,915	43,448	996	840	1,839	2,297	2,668	2,741
Alaska <sup>(2)</sup>	(2)	(2)	319	500	555	629	(2)	(2)	2,231	2,283	2,546	2,735
Hawaii <sup>(2)</sup>	(2)	246	689	952	1,290	1,442	(2)	577	1,403	1,789	2,118	2,274

<sup>1</sup> Beginning 1960, includes Alaska and Hawaii.

<sup>2</sup> Not available.

Source: Department of Commerce, Office of Business Economics; *Personal Income by States*, a supplement to the *Survey of Current Business*, and *Survey of Current Business*, August 1961.

[In millions of dollars.]

WAGE AND SALARY DISBURSEMENTS												
STATE		Personal income, total	Total	Farms	Mining	Contract construction	Manufacturing	Wholesale and retail trade	Finance, insurance, and real estate	Transportation	Communications and public utilities	Services
1	United States.....	400,002	269,118	2,956	3,832	15,619	87,411	49,073	12,551	14,577	8,152	28,176
2	New England.....	26,061	17,806	106	27	892	7,143	3,039	924	578	517	1,987
3	Maine.....	1,851	1,178	24	2	63	415	197	38	63	36	98
4	New Hampshire.....	1,263	858	6	1	47	351	124	31	25	20	53
5	Vermont.....	727	467	17	6	30	150	75	18	23	14	53
6	Massachusetts.....	13,016	8,943	29	12	404	3,382	1,623	481	301	266	1,104
7	Rhode Island.....	1,909	1,316	3	1	64	501	219	60	40	38	118
8	Connecticut.....	7,205	5,053	27	6	284	2,345	800	296	136	137	500
9	Middle Atlantic.....	88,383	61,308	224	393	3,132	21,723	11,605	3,586	3,319	1,961	7,267
10	New York.....	46,927	32,067	108	66	1,615	9,501	6,786	2,381	1,665	1,068	4,351
11	New Jersey.....	16,256	11,595	45	22	653	4,768	1,953	508	630	342	1,234
12	Pennsylvania.....	25,700	17,646	71	305	864	7,454	2,866	697	1,024	551	1,682
13	East North Central.....	86,225	60,105	324	437	3,200	26,205	10,259	2,312	3,128	1,676	5,184
14	Ohio.....	22,778	16,017	61	112	788	7,339	2,656	554	882	421	1,287
15	Indiana.....	10,192	7,096	46	53	381	3,321	1,136	254	371	196	485
16	Illinois.....	26,425	18,519	90	154	1,132	6,789	3,556	920	1,160	531	1,905
17	Michigan.....	18,225	12,832	66	97	567	6,253	1,972	383	458	367	1,042
18	Wisconsin.....	8,605	5,641	60	20	333	2,502	938	200	257	161	464
19	West North Central.....	31,941	19,015	327	272	1,267	5,089	3,906	915	1,445	655	1,878
20	Minnesota.....	7,036	4,437	60	112	306	1,210	921	221	337	138	441
21	Iowa.....	5,531	3,014	72	14	194	912	621	143	175	110	291
22	Missouri.....	9,622	6,179	50	36	347	1,972	1,277	307	495	216	626
23	North Dakota.....	1,104	562	34	9	53	26	138	24	47	24	64
24	South Dakota.....	1,256	578	20	12	60	59	133	25	81	23	58
25	Nebraska.....	2,983	1,675	47	12	137	306	353	100	144	54	170
26	Kansas.....	4,504	2,570	43	77	170	605	463	96	216	91	229
27	South Atlantic.....	48,377	32,661	411	466	1,985	8,352	5,666	1,447	1,725	912	3,430
28	Delaware.....	1,353	860	9	(5)	57	394	110	30	50	18	78
29	Maryland.....	7,460	5,408	32	13	339	1,353	916	238	285	156	532
30	Dist. of Col.....	2,292	1,493			48	40	182	47	62	33	235
31	Virginia.....	7,351	5,400	62	67	305	1,144	861	211	314	138	516
32	West Virginia.....	3,109	2,083	11	304	91	668	301	58	148	98	147
33	North Carolina.....	7,184	4,723	87	13	229	1,769	776	178	220	113	423
34	South Carolina.....	3,341	2,316	40	5	124	865	318	94	64	51	200
35	Georgia.....	6,349	4,370	59	22	214	1,246	831	217	254	131	395
36	Florida.....	0,938	6,008	111	42	578	873	1,371	374	328	174	854
37	East South Central.....	17,566	11,492	164	272	613	3,542	1,951	464	601	326	1,091
38	Kentucky.....	4,702	2,997	40	140	171	884	498	99	186	93	270
39	Tennessee.....	5,622	3,709	41	28	190	1,280	684	168	202	81	369
40	Alabama.....	4,786	3,246	34	66	170	982	512	137	148	98	300
41	Mississippi.....	2,657	1,540	49	29	82	396	257	60	65	54	152
42	West South Central.....	30,462	19,391	437	1,231	1,181	3,330	3,771	862	1,305	696	1,975
43	Arkansas.....	2,367	1,391	78	24	76	354	248	51	96	52	131
44	Louisiana.....	5,246	3,441	43	255	243	659	654	149	251	131	383
45	Oklahoma.....	4,312	2,593	37	254	162	396	486	112	153	97	243
46	Texas.....	18,568	11,966	279	698	700	2,421	2,383	550	805	410	1,218
47	Mountain.....	14,337	9,420	249	593	841	1,374	1,767	371	580	341	1,134
48	Montana.....	1,368	788	28	38	60	105	156	29	80	30	72
49	Idaho.....	1,206	725	42	15	54	145	146	24	52	26	67
50	Wyoming.....	775	487	20	55	70	38	78	15	57	15	41
51	Colorado.....	4,079	2,698	47	86	205	468	535	117	156	93	267
52	New Mexico.....	1,730	1,207	26	106	100	86	188	43	50	60	171
53	Arizona.....	2,650	1,795	65	101	210	260	335	78	63	71	202
54	Utah.....	1,711	1,217	13	82	82	244	231	49	81	38	98
55	Nevada.....	819	593	8	20	60	28	100	16	35	18	186
56	Pacific.....	56,150	37,918	714	229	2,507	10,152	7,109	1,670	1,898	1,065	4,257
57	Washington.....	6,626	4,447	70	12	291	1,263	845	183	266	105	381
58	Oregon.....	4,005	2,528	51	6	156	749	519	98	168	86	234
59	California.....	43,448	29,314	510	202	1,908	8,015	5,517	1,344	1,389	829	3,600
60	Alaska.....	629	527	(5)	8	49	27	64	9	31	19	32
61	Hawaii.....	1,442	1,102	74	1	103	93	164	36	44	26	110

1 Comprises agricultural and similar service establishments, forestry, fisheries, and rest of world.

2 Comprises employer contributions to private pension, health, and welfare funds; compensation for injuries; pay of military reservists; directors' fees; and several other minor items.

3 Net income of farm proprietors, farm wages, and farm "other" labor income, less personal contributions under the old-age, survivors, and disability insurance program.

SOURCES, BY STATES: 1960

See headnote, table 431]

WAGE AND SALARY DISBURSEMENTS—Con.				PROPRIETORS' INCOME				Trans-fer pay-ments	Less: Per-sonal con-tributions for social insurance	Farm in-come <sup>3</sup>	Govern-ment income dis-burse-ments <sup>4</sup>	Pri-vate non-farm in-come	
Federal Government		State and local gov-ern-ments	Other <sup>1</sup>	Other labor in-come <sup>2</sup>	Propriety in-come								
Civil-ian	Mili-tary				Farm	Non-farm							
12,904	8,078	25,162	627	10,891	11,971	36,192	52,015	29,049	9,238	14,736	74,406	310,860	
647	477	1,441	58	680	199	1,962	3,851	2,143	581	301	4,665	21,095	2
68	72	105	9	37	74	174	265	164	41	97	407	1,347	3
52	39	70	1	30	12	110	179	101	27	18	250	986	4
16	6	49	1	18	28	76	100	65	17	44	135	548	5
360	207	745	30	335	38	915	1,857	1,221	294	66	2,498	10,452	6
70	88	110	3	49	6	128	290	170	50	8	430	1,465	7
81	65	361	14	210	42	558	1,161	422	152	68	930	6,297	8
2,068	688	5,246	93	2,602	603	7,310	12,707	6,382	2,029	815	14,310	73,758	9
997	304	3,171	52	1,232	271	3,972	7,250	3,221	1,086	373	7,586	38,908	10
347	230	845	17	522	87	1,422	1,972	1,017	360	131	2,437	13,688	11
724	154	1,230	24	848	245	1,916	3,485	2,144	583	311	4,287	21,102	12
1,565	636	5,099	80	2,868	1,894	7,099	10,466	5,677	1,885	2,188	13,034	71,003	13
512	162	1,227	25	793	356	1,804	2,817	1,511	519	411	3,409	18,958	14
171	66	604	12	368	333	842	1,057	661	215	423	1,519	8,250	15
530	255	1,469	24	755	539	2,207	3,265	1,740	601	621	4,002	21,802	16
241	117	1,259	10	708	243	1,455	2,177	1,181	371	305	2,815	15,105	17
110	47	540	7	244	378	792	1,150	585	180	428	1,289	6,888	18
764	486	1,974	37	701	2,859	3,453	4,242	2,370	700	3,143	5,761	23,037	19
131	43	509	10	164	489	696	885	537	153	522	1,211	5,303	20
99	24	348	10	110	630	681	795	410	109	604	944	3,893	21
266	140	450	8	234	431	930	1,226	732	219	475	1,576	7,471	22
30	24	89	1	18	216	123	125	81	22	246	241	617	23
45	26	84	1	18	302	150	150	90	31	317	265	674	24
84	72	193	3	52	371	347	414	197	68	413	590	1,985	25
120	157	300	4	104	440	517	649	324	99	476	934	3,094	26
3,205	2,033	2,911	119	1,114	1,732	4,360	6,061	3,605	1,161	2,115	11,496	34,766	27
20	34	59	1	47	29	76	304	69	23	38	176	1,130	28
707	250	461	16	177	75	583	920	500	204	106	1,920	5,484	29
680	77	87	4	30	-----	194	403	264	92	-----	1,078	1,214	30
821	504	439	18	165	201	589	770	449	223	259	2,158	4,934	31
55	15	185	2	150	47	248	344	305	69	57	577	2,475	32
155	297	453	11	154	591	668	697	492	142	670	1,370	5,144	33
120	214	209	4	74	174	290	327	228	68	211	771	2,359	34
298	297	375	29	143	270	618	623	467	143	325	1,404	4,020	35
280	345	643	34	174	345	1,094	1,673	841	197	449	2,042	7,447	36
795	504	1,149	21	471	1,021	1,690	1,783	1,535	427	1,170	3,953	12,443	37
140	188	275	5	137	305	418	524	436	115	341	1,037	3,324	38
208	94	362	3	148	239	514	593	443	125	276	1,093	4,153	39
355	120	318	5	128	226	459	439	410	123	257	1,186	3,342	40
92	102	194	8	58	251	209	227	246	64	296	637	1,624	41
1,044	1,016	1,978	62	838	1,566	3,275	3,818	2,239	667	1,978	6,186	22,298	42
72	47	153	8	58	275	222	251	254	54	348	527	1,522	43
122	106	433	12	159	160	508	622	405	111	200	1,108	3,937	44
230	138	275	8	106	289	515	530	383	104	322	1,028	2,962	45
620	725	1,117	34	515	842	2,030	2,415	1,137	398	1,108	3,623	13,877	46
732	417	1,107	7	610	760	1,500	1,720	983	358	995	3,183	10,159	47
51	31	107	(5)	32	152	137	180	111	31	178	307	883	48
41	24	88	1	26	121	132	136	94	30	161	247	797	49
20	12	61	-----	20	50	77	116	46	21	68	147	500	50
106	121	286	1	82	165	453	577	292	98	208	872	2,999	51
123	96	164	2	34	84	176	161	109	41	108	480	1,142	52
110	80	218	3	54	135	282	270	178	64	198	567	1,885	53
151	21	127	(5)	46	42	169	188	113	54	55	404	1,252	54
34	32	56	(5)	16	11	84	92	40	19	19	150	641	55
2,086	1,823	4,263	149	1,303	1,337	5,542	7,367	4,115	1,431	2,031	11,818	42,301	56
280	236	497	19	153	204	638	808	532	155	270	1,524	4,832	57
119	34	304	5	93	139	516	528	304	103	187	752	3,065	58
1,444	1,220	3,310	117	1,003	981	4,232	5,847	3,196	1,125	1,477	8,737	33,234	59
102	138	44	5	12	2	44	35	24	16	3	305	321	60
141	195	108	3	42	11	112	140	50	32	94	500	848	61

<sup>1</sup> Income disbursed directly to persons by Federal and State and local governments. Comprises wages and salaries (net of employee contributions for social insurance), other labor income, interest, and transfer payments.

<sup>2</sup> Less than \$500,000.

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, August 1961.

## No. 433. PERSONAL INCOME—CHANGES IN TOTAL AND PER CAPITA PERSONAL INCOME, BY STATES: 1929 TO 1960

[See base data and headnote, table 431]

STATE	TOTAL PERSONAL INCOME						PER CAPITA PERSONAL INCOME					
	Percent of United States				Percent increase		Percent of United States				Percent increase	
	1929	1940	1950	1960	1929 to 1960	1950 to 1960	1929	1940	1950	1960	1929 to 1960	1950 to 1960
United States <sup>1</sup> .....	100.00	100.00	100.00	100.00	367	77	100	100	100	100	216	49
New England.....	8.32	8.15	6.73	6.51	266	72	125	127	109	111	182	52
Maine.....	0.56	0.57	0.48	0.46	286	70	85	88	80	85	216	59
New Hampshire.....	0.38	0.36	0.31	0.32	292	81	98	97	88	93	201	58
Vermont.....	0.26	0.23	0.20	0.18	223	62	89	85	79	84	196	56
Massachusetts.....	4.51	4.32	3.45	3.25	237	67	130	132	111	113	176	51
Rhode Island.....	0.69	0.68	0.67	0.48	220	48	124	125	110	100	156	35
Connecticut.....	1.92	1.99	1.72	1.82	345	89	146	154	128	129	178	51
Middle Atlantic.....	29.59	27.46	23.59	22.22	251	67	139	132	118	117	165	48
New York.....	16.47	14.02	12.43	11.73	238	67	165	146	126	125	141	48
New Jersey.....	4.33	4.37	3.56	4.06	338	87	132	138	120	120	186	49
Pennsylvania.....	8.79	8.17	7.30	6.42	241	56	110	109	105	102	192	45
East North Central.....	23.61	22.69	22.51	21.56	326	70	114	112	111	107	196	43
Ohio.....	6.04	5.86	5.72	5.69	340	77	111	112	108	105	199	45
Indiana.....	2.30	2.42	2.66	2.55	417	70	87	93	102	98	250	43
Illinois.....	8.50	7.59	7.10	6.61	263	65	136	127	123	118	173	43
Michigan.....	4.44	4.60	4.79	4.56	379	69	113	114	113	104	193	38
Wisconsin.....	2.33	2.22	2.24	2.15	330	70	97	93	98	98	218	48
West North Central.....	8.87	8.30	8.80	7.99	321	61	81	81	94	93	262	47
Minnesota.....	1.80	1.87	1.86	1.76	357	68	85	88	94	92	243	47
Iowa.....	1.66	1.62	1.68	1.38	200	46	82	84	97	90	247	38
Missouri.....	2.66	2.52	2.53	2.38	319	67	89	88	97	99	250	52
North Dakota.....	0.30	0.29	0.35	0.28	336	41	53	59	85	78	364	37
South Dakota.....	0.34	0.29	0.35	0.31	336	58	59	60	81	83	342	51
Nebraska.....	0.95	0.74	0.86	0.75	268	53	84	74	98	95	258	44
Kansas.....	1.16	0.97	1.17	1.13	351	70	76	72	92	93	287	50
South Atlantic.....	8.46	10.48	11.35	12.09	568	89	66	77	81	83	302	54
Delaware.....	0.28	0.34	0.31	0.34	464	96	145	169	144	136	196	40
Maryland.....	1.47	1.67	1.67	1.86	492	99	111	120	107	108	208	52
Dist. of Columbia.....	0.72	1.03	0.79	0.87	273	29	181	197	147	135	136	38
Virginia.....	1.23	1.62	1.78	1.84	597	83	62	78	82	83	325	50
West Virginia.....	0.93	0.90	0.98	0.78	292	41	66	68	73	75	262	52
North Carolina.....	1.22	1.40	1.82	1.80	587	75	48	55	68	71	371	50
South Carolina.....	0.55	0.74	0.83	0.84	611	79	38	52	59	63	417	68
Georgia.....	1.18	1.35	1.66	1.59	626	81	50	57	68	72	359	68
Florida.....	0.88	1.25	1.61	2.48	1,220	174	74	86	80	80	282	54
East South Central.....	4.01	4.05	4.61	4.39	412	69	50	49	60	65	318	61
Kentucky.....	1.19	1.16	1.26	1.18	361	66	56	54	64	69	295	61
Tennessee.....	1.15	1.27	1.46	1.38	462	68	54	67	67	70	310	55
Alabama.....	1.00	1.02	1.18	1.20	459	80	46	47	58	66	351	68
Mississippi.....	0.67	0.60	0.71	0.64	349	61	41	37	49	53	312	60
West South Central.....	5.14	6.38	7.70	7.62	479	75	62	64	80	81	311	56
Arkansas.....	0.66	0.64	0.68	0.60	325	56	43	43	54	60	340	66
Louisiana.....	1.01	1.10	1.30	1.31	506	79	59	61	73	72	287	48
Oklahoma.....	1.26	1.10	1.11	1.08	300	72	65	63	76	83	307	61
Texas.....	3.21	3.64	4.61	4.63	573	78	68	73	90	87	303	44
Mountain.....	2.47	2.73	3.15	3.58	577	102	83	87	93	94	258	50
Montana.....	0.36	0.40	0.42	0.34	338	43	85	96	108	91	239	26
Idaho.....	0.26	0.31	0.34	0.30	436	50	72	73	86	81	257	40
Wyoming.....	0.18	0.19	0.21	0.19	413	64	96	102	109	105	245	44
Colorado.....	0.75	0.79	0.86	1.02	535	111	91	92	97	104	264	61
New Mexico.....	0.20	0.25	0.35	0.43	912	117	58	63	78	81	344	55
Arizona.....	0.30	0.32	0.43	0.66	943	171	84	84	87	86	240	55
Utah.....	0.33	0.34	0.40	0.43	502	92	80	82	86	86	242	49
Nevada.....	0.09	0.13	0.14	0.20	937	161	125	147	130	128	224	47
Pacific <sup>1</sup> .....	8.53	9.76	11.56	14.04	668	115	130	132	120	118	189	47
Washington.....	1.36	1.47	1.77	1.66	468	66	107	111	112	104	209	39
Oregon.....	0.75	0.86	1.09	1.00	519	63	97	105	107	102	231	41
California.....	6.42	7.43	8.70	10.86	690	121	142	141	124	123	175	49
Alaska.....	(2)	(2)	0.14	0.16	(2)	97	(2)	(2)	151	123	(2)	23
Hawaii.....	(2)	0.31	0.31	0.36	(2)	109	(2)	97	102	(2)	23	62

<sup>1</sup> Beginning 1960, includes Alaska and Hawaii.<sup>2</sup> Not available.Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, August 1961.

## No. 424. SUMMARY OF FLOW OF FUNDS/SAVINGS ACCOUNTS: 1961

[Flows in billions of dollars. Preliminary. Includes Alaska and Hawaii. Financial uses of funds ("U") represent net acquisitions of assets; financial sources of funds ("S"), net changes in liabilities. Differences in total uses and sources of funds for transaction categories result from valuation, timing, and classification differences, and from statistical discrepancies. For explanation of general concepts, see text, p. 310. For description of sectors and types of transactions, see *Federal Reserve Bulletin*, August 1959. "N.e.c." means not elsewhere classified]

TRANSACTION CATEGORY	Nat'l sav- ing and invest- ment	All sectors		Con- sumer and non- profit sectors		NONFINANCIAL BUSINESS SECTORS				GOVERNMENT SECTORS				FINANCIAL SECTORS				Rest-of- world sector							
		U		S		Farm		Noncor- porate		Corpo- rate		Federal		State and local		Com- mer- cial banking				Savings institu- tions		Insur- ance		Finance, n.e.c.	
		U	S	U	S	U	S	U	S	U	S	U	S	U	S	U	S	U	S	U	S	U	S	U	S
A Gross saving	114.4	112.0	75.0	4.2	4.2	8.8	24.9	6.6	6.6	6.2	6.2	6.6	6.6	0.9	0.9	2.6	2.6	0.6	2.5	U	S	U	S	U	S
B Capital consumption	87.4	87.4	47.9	4.2	4.2	8.8	26.2	6.2	6.2	6.2	6.2	6.2	6.2	0.9	0.9	2.5	2.5	0.6	2.5	U	S	U	S	U	S
C Net saving (A-B)	27.1	24.6	27.1	-1	-1	8.8	23.8	6.2	6.2	6.2	6.2	6.2	6.2	0.9	0.9	2.6	2.6	0.6	2.5	U	S	U	S	U	S
D Gross investment (E+J)	115.0	112.2	76.8	4.2	4.2	8.8	23.8	6.2	6.2	6.2	6.2	6.2	6.2	0.9	0.9	2.6	2.6	0.6	2.5	U	S	U	S	U	S
E Private capital expenditures (net of sales)	113.1	113.1	62.6	4.9	4.9	11.6	33.2	6.2	6.2	6.2	6.2	6.2	6.2	0.9	0.9	2.6	2.6	0.6	2.5	U	S	U	S	U	S
F Consumer durable goods	42.4	42.4	42.4	4.9	4.9	11.6	33.2	6.2	6.2	6.2	6.2	6.2	6.2	0.9	0.9	2.6	2.6	0.6	2.5	U	S	U	S	U	S
G Nonfarm residential constr.	21.4	21.4	16.8	2.3	2.3	2.3	2.3	6.2	6.2	6.2	6.2	6.2	6.2	0.9	0.9	2.6	2.6	0.6	2.5	U	S	U	S	U	S
H Plant and equipment	47.2	47.2	3.4	4.6	4.6	9.3	20.1	6.2	6.2	6.2	6.2	6.2	6.2	0.9	0.9	2.6	2.6	0.6	2.5	U	S	U	S	U	S
I Change in inventories	2.2	2.2	3.4	3	3	(1)	1.8	6.2	6.2	6.2	6.2	6.2	6.2	0.9	0.9	2.6	2.6	0.6	2.5	U	S	U	S	U	S
J Net financial invest. (K-L)	1.8	97.8	14.2	-7	-7	-2.8	-4.4	-6.2	-6.2	-6.2	-6.2	-6.2	-6.2	9	9	2.2	2.2	0.6	2.5	U	S	U	S	U	S
K Net acqui. of finan. assets	5.0	97.8	30.4	-1	-1	6	12.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	12.9	12.9	11.3	11.3	4.8	4.2	U	S	U	S	U	S
L Net increase in liabilities	3.1	98.7	16.2	-1	-1	1	10.8	-1	-1	-1	-1	-1	-1	13.4	13.4	15.6	15.6	4.8	4.2	U	S	U	S	U	S
M Gold and Treas. currency	-9	1	1	1	1	4	1.3	3	3	3	3	3	3	5	5	9.0	9.0	2	2	U	S	U	S	U	S
N Demand dep. and currency	-8	21.0	18.0	1	1	1	1.4	0	0	0	0	0	0	11.3	11.3	9.0	9.0	2	2	U	S	U	S	U	S
O Fixed-value redeem. claims	-8	10.8	7.9	1.4	1.4	1.4	1.4	0	0	0	0	0	0	9.4	9.4	9.0	9.0	2	2	U	S	U	S	U	S
P Time deposits	-8	9.4	9.4	9.3	9.3	9.3	9.3	0	0	0	0	0	0	1	1	9.4	9.4	2	2	U	S	U	S	U	S
Q Savings shares	-8	8.8	8.8	8	8	8	8	0	0	0	0	0	0	1	1	8	8	2	2	U	S	U	S	U	S
R U.S. savings bonds	-8	3.6	3.6	3.6	3.6	3.6	3.6	0	0	0	0	0	0	1	1	3.7	3.7	2	2	U	S	U	S	U	S
S Saving through life ins.	-5	8.5	8.5	8.5	8.5	8.5	8.5	0	0	0	0	0	0	2.4	2.4	5.3	5.3	4.6	4.2	U	S	U	S	U	S
T Saving through pens. funds	-5	8.5	8.5	8.5	8.5	8.5	8.5	0	0	0	0	0	0	2.4	2.4	5.3	5.3	4.6	4.2	U	S	U	S	U	S
U Credit and equity mkt. instr.	-5	51.3	16.1	1.8	1.8	5	10.7	2.8	2.8	2.8	2.8	2.8	2.8	11.9	11.9	4.6	4.6	3.7	3.7	U	S	U	S	U	S
V Federal obligations	-5	51.3	16.1	1.8	1.8	5	10.7	2.8	2.8	2.8	2.8	2.8	2.8	11.9	11.9	4.6	4.6	3.7	3.7	U	S	U	S	U	S
W State and local obligations	-5	51.3	16.1	1.8	1.8	5	10.7	2.8	2.8	2.8	2.8	2.8	2.8	11.9	11.9	4.6	4.6	3.7	3.7	U	S	U	S	U	S
X Corp. and foreign bonds	-5	5.6	5.6	5.6	5.6	5.6	5.6	0	0	0	0	0	0	1.6	1.6	1.6	1.6	1.1	1.1	U	S	U	S	U	S
Y Corporate stock	-5	5.6	5.6	5.6	5.6	5.6	5.6	0	0	0	0	0	0	1.6	1.6	1.6	1.6	1.1	1.1	U	S	U	S	U	S
Z 1-to 4-family mortgages	(1)	5.1	5.1	1.0	1.0	1.0	1.0	0	0	0	0	0	0	2.7	2.7	2.7	2.7	1.9	1.9	U	S	U	S	U	S
a Other mortgages	(1)	12.9	12.9	11	11	11	11	0	0	0	0	0	0	2	2	2	2	1.9	1.9	U	S	U	S	U	S
b Other securities	(1)	5.4	5.4	1.4	1.4	1.4	1.4	0	0	0	0	0	0	2	2	2	2	1.9	1.9	U	S	U	S	U	S
c Consumer credit	(1)	1.4	1.4	1.4	1.4	1.4	1.4	0	0	0	0	0	0	1.6	1.6	1.6	1.6	1.1	1.1	U	S	U	S	U	S
d Security credit	(1)	2.2	2.2	1	1	1	1	0	0	0	0	0	0	1.6	1.6	1.6	1.6	1.1	1.1	U	S	U	S	U	S
e Bank loans	(1)	2.2	2.2	1	1	1	1	0	0	0	0	0	0	1.6	1.6	1.6	1.6	1.1	1.1	U	S	U	S	U	S
f Bank loans, n.e.c.	(1)	2.2	2.2	1	1	1	1	0	0	0	0	0	0	1.6	1.6	1.6	1.6	1.1	1.1	U	S	U	S	U	S
g Other loans	(1)	2.2	2.2	1	1	1	1	0	0	0	0	0	0	1.6	1.6	1.6	1.6	1.1	1.1	U	S	U	S	U	S
h Trade credit	(1)	2.2	2.2	1	1	1	1	0	0	0	0	0	0	1.6	1.6	1.6	1.6	1.1	1.1	U	S	U	S	U	S
i Proprietors' net invest. in non-corporate business	(1)	2.2	2.2	1	1	1	1	0	0	0	0	0	0	1.6	1.6	1.6	1.6	1.1	1.1	U	S	U	S	U	S
j Misc. financial transactions	(1)	2.2	2.2	1	1	1	1	0	0	0	0	0	0	1.6	1.6	1.6	1.6	1.1	1.1	U	S	U	S	U	S
k Sector discrepancies (A-D)	(1)	2.2	2.2	1	1	1	1	0	0	0	0	0	0	1.6	1.6	1.6	1.6	1.1	1.1	U	S	U	S	U	S

1 Less than \$50 million.

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*, April 1962.

## No. 435. FLOW OF FUNDS/SAVING—SAVING AND INVESTMENT: 1950 TO 1961

[In billions of dollars. Alaska and Hawaii partially included prior to 1959, fully included thereafter. See headnote, table 434].

TRANSACTION CATEGORY, OR SECTOR	1950	1955	1956	1957	1958	1959	1960	1961 (prel.)
<b>Net national saving</b> .....	38.8	89.5	41.0	37.4	19.2	35.9	36.9	27.0
Consumer and nonprofit.....	23.0	26.6	20.4	23.6	20.4	30.2	27.8	27.1
Farm and noncorporate business.....	.2	(1)	(1)	(1)	(1)	(1)	—	—
Corporate nonfinancial business.....	15.3	12.4	5.9	5.3	3.1	11.4	4.1	8.8
Federal Government.....	—1.1	—5.5	5.9	3.6	—8.2	—5.0	3.8	—6.2
State and local government.....	—2.2	—3.2	—3.0	—3.6	—4.9	—4.1	—5.0	—0.6
Financial sectors.....	2.7	3.8	2.9	3.6	2.8	5.5	4.2	4.1
<b>Capital consumption</b> .....	39.8	62.3	67.4	73.2	75.6	79.4	83.5	87.4
Consumer and nonprofit.....	22.8	33.9	36.9	40.0	41.6	45.5	45.7	47.9
Consumer durable goods.....	20.7	30.4	33.0	35.8	37.0	38.6	40.4	42.2
Owner-occupied homes.....	1.9	3.1	3.3	3.7	4.0	4.3	4.6	5.0
Plant and equipment (nonprofit).....	.3	.5	.5	.6	.6	.6	.7	.7
Farm business.....	2.8	3.7	3.7	3.9	4.0	4.2	4.1	4.2
Noncorporate nonfinancial business.....	5.1	7.0	7.5	8.1	8.0	8.3	8.6	8.8
Corporate nonfinancial business.....	9.0	17.6	10.1	21.0	21.9	23.2	24.7	26.2
<b>Gross national saving</b> .....	78.6	101.9	108.4	110.6	94.8	115.4	120.4	114.4
Consumer and nonprofit.....	45.3	60.5	66.2	68.6	68.0	73.7	73.5	75.0
Farm and noncorporate business.....	8.0	10.7	11.3	12.0	11.9	12.4	12.7	13.0
Corporate nonfinancial business.....	24.3	30.1	25.0	26.3	24.9	34.6	30.3	34.9
Federal Government.....	—1.1	.5	5.9	3.6	—8.2	—5.0	3.8	—6.2
State and local government.....	—2.2	—3.2	—3.0	—3.6	—4.9	—4.1	—5.0	—0.6
Financial sectors.....	2.8	3.3	3.0	3.7	3.0	3.7	4.5	4.4
<b>Gross national investment</b> .....	78.0	103.6	107.9	110.6	94.2	114.2	117.6	115.0
Consumer durable goods.....	30.4	39.6	38.5	40.4	37.3	43.5	44.3	42.4
Other gross private domestic fixed investment.....	43.1	58.2	62.6	64.5	58.6	60.1	68.2	68.0
Consumer and nonprofit.....	13.2	19.3	19.0	18.1	18.1	22.1	21.5	20.2
Nonfarm residential construction.....	11.8	16.6	10.9	15.6	15.3	10.2	18.4	16.8
Plant and equipment (non profit).....	1.4	2.7	2.1	2.5	2.7	2.9	3.2	3.4
Farm business.....	4.6	4.2	3.8	4.0	4.4	4.7	4.2	4.6
Noncorporate nonfinancial business.....	8.0	10.1	9.8	9.4	9.0	10.7	10.3	11.0
Corporate nonfinancial business.....	16.9	24.0	23.3	32.3	26.4	27.9	30.8	31.4
Financial sectors.....	.4	.7	.7	.8	.7	.8	.8	.8
Change in inventories.....	6.8	5.8	4.7	1.6	—2.0	6.3	4.2	2.2
Farm business.....	.8	.3	—4.4	.8	.9	.1	.3	(1) .3
Noncorporate nonfinancial business.....	1.2	.6	.2	.2	—2.2	.9	.0	.0
Corporate nonfinancial business.....	4.8	4.9	4.9	.0	—2.6	5.3	3.1	1.8
<b>Net financial investment</b> .....	—2.2	(1)	2.1	4.2	.3	—1.7	.8	1.8
Consumer and nonprofit.....	3.2	4.5	11.5	14.0	18.8	11.0	5.7	14.2
Net acquisition of financial assets.....	15.5	25.1	26.8	26.0	30.9	31.6	21.9	30.4
Net increase in liabilities.....	12.4	20.6	15.3	12.0	12.1	20.6	16.2	16.2
Farm and noncorporate business.....	—0.6	—4.4	—2.1	—2.3	—2.1	—4.0	—3.5	—3.5
Net acquisition of financial assets.....	.7	.5	.4	.8	1.1	.7	—2.2	.8
Net increase in liabilities.....	7.3	4.9	2.5	3.1	3.3	3.3	3.3	4.3
Corp. nonfinancial business.....	.9	—2.1	—13.3	—8.6	—3.6	—3.4	—7.6	—4.4
Net acquisition of financial assets.....	15.5	16.8	4.4	4.5	11.3	13.7	3.3	12.4
Net increase in liabilities.....	14.6	18.8	17.7	13.1	15.0	17.0	10.9	10.8
Federal Government.....	—1.1	.5	5.9	3.6	—8.2	—5.0	3.8	—6.2
Net acquisition of financial assets.....	1.5	1.0	1.6	3.2	1.6	6.3	3.7	3.4
Net increase in liabilities.....	1.5	.5	—4.3	—4.4	9.7	11.2	—1.1	6.0
State and local government.....	—1.8	—2.6	—2.2	—3.1	—5.2	—4.0	—3.4	—5.0
Net acquisition of financial assets.....	2.1	2.2	2.6	3.3	2.5	3.0	2.0	3.1
Net increase in liabilities.....	3.9	4.8	4.8	6.4	7.7	7.0	6.0	8.1
Financial sectors.....	3.6	3.5	2.7	3.0	4.5	4.5	6.8	5.9
Net acquisition of financial assets.....	18.6	27.0	22.7	24.1	36.3	30.0	34.3	44.5
Net increase in liabilities.....	15.0	23.4	20.0	21.1	31.8	25.5	28.5	38.0
Financial transaction discrepancies.....	—1.4	.5	—2.2	—2.4	—3.8	—1.0	.1	.9
<b>Discrepancy</b> <sup>2</sup> .....	.5	—1.8	.5	(1)	.6	1.1	2.8	—5

<sup>1</sup> Less than \$50 million.

<sup>2</sup> Gross national saving minus gross national investment.

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin* and *Flow of Funds Supplement No. 5*.

## No. 436. FLOW OF FUNDS/SAVING—PRINCIPAL FINANCIAL FLOWS: 1950 TO 1961

[In billions of dollars. Alaska and Hawaii partially included prior to 1959, fully included thereafter. See headnote, table 434]

TRANSACTION CATEGORY, OR SECTOR	1950	1955	1956	1957	1958	1959	1960	1961 (prel.)
<b>DEMAND DEPOSITS AND CURRENCY</b>								
<b>Net increase in commercial banking system liability</b>	5.2	2.3	1.7	-0.8	5.8	1.1	0.1	4.2
<b>Net increase in assets, by sector</b>	4.3	.8	1.7	.7	6.5	1.6	1.0	4.1
Federal Government	-2	-6	-2	.2	.1	.7	.9	.3
Other domestic sectors	4.6	1.5	1.7	.3	6.3	.8	.1	3.5
Rest of the world	-1	(1)	.2	.2	(1)	.1	(1)	.2
<b>Discrepancy<sup>2</sup></b>	.9	1.4	.1	-1.4	-7	-5	-9	.1
<b>FIXED-VALUE REDEEMABLE CLAIMS</b>								
<b>Net increase, by type</b>	2.6	8.4	9.0	10.1	16.2	7.6	14.8	21.0
Time deposits	.8	2.0	3.7	6.8	10.2	2.2	7.0	10.8
Savings shares	1.7	5.3	5.4	5.2	6.0	7.2	8.1	9.4
U.S. savings bonds	.2	.3	-1	-1.9	-5	-1.8	-3	.8
<b>Net increase in liability, by sector</b>	2.6	8.4	9.0	10.1	16.2	7.6	14.8	21.0
Federal Government	-1	(1)	-3	-2.2	-7	-2.0	-4	.7
Commercial banking	.3	1.3	2.1	5.5	8.0	1.2	5.8	9.0
Savings institutions	2.4	7.1	7.3	6.9	8.9	8.4	9.5	11.3
<b>Net increase in assets, by sector</b>	2.6	8.4	9.0	10.1	16.2	7.6	14.8	21.0
Consumer and nonprofit	2.3	8.7	9.0	9.8	13.6	9.3	12.8	18.0
Other domestic sectors	.1	-1	(1)	.4	1.7	-0	1.7	2.3
Rest of the world (time deposits)	.2	-1	-1	(1)	.9	-9	.3	.8
<b>SAVING THROUGH LIFE INSURANCE AND PENSION FUNDS</b>								
<b>Net increase, by type</b>	6.0	8.4	9.5	9.2	10.4	11.7	11.3	12.2
Life insurance	2.7	3.2	3.8	2.8	3.4	3.7	3.6	3.6
Pension funds	3.3	5.1	5.8	6.3	7.0	8.0	7.7	8.5
<b>Net increase in liability, by sector</b>	6.0	8.4	9.5	9.2	10.4	11.7	11.3	12.2
Federal Government	1.1	.6	1.0	.6	1.0	1.0	1.0	.9
State and local government	.7	1.2	1.4	1.6	1.7	1.9	2.1	2.4
Life insurance companies	3.3	4.0	4.7	4.2	4.7	5.5	4.7	5.1
Private noninsured pension plans	.9	2.0	2.3	2.8	2.9	3.2	3.4	3.8
<b>CREDIT AND EQUITY MARKET INSTRUMENTS</b>								
<b>Net increase, by type</b>	29.4	44.0	30.7	36.6	46.2	61.2	39.5	51.3
Federal obligations	-3	.8	-5.6	1.1	9.0	11.3	-2.2	0.6
State and local obligations	3.0	3.6	3.2	4.0	5.7	4.9	3.6	5.3
Corporate and foreign bonds	2.3	4.0	5.0	7.5	6.8	4.5	5.6	5.6
Corporate stock	1.8	3.0	3.8	4.0	4.2	4.4	3.5	5.1
1-4 family mortgages	7.6	12.6	10.8	8.6	10.1	13.2	10.9	12.0
Other mortgages	2.6	3.6	3.8	3.5	5.2	6.0	4.5	5.4
Consumer credit	4.1	6.4	3.6	2.8	.3	6.4	3.9	1.4
Security credit	1.1	1.0	-6	-3	1.7	.1	.4	2.2
Bank loans, n.e.c.	6.0	8.0	5.8	2.3	1.3	7.5	3.2	2.1
Other loans	1.3	1.1	.9	2.6	2.0	2.9	5.9	4.9
<b>Funds raised, by sector</b>	29.5	44.1	31.2	36.9	46.2	61.2	39.4	51.3
Consumer and nonprofit	12.3	20.4	15.2	11.9	12.0	20.5	16.2	16.1
Farm business	1.0	1.2	.9	1.1	1.5	1.9	1.1	1.8
Noncorporate nonfinancial business	2.7	2.9	1.8	1.2	2.2	4.6	8.4	2.9
Corporate nonfinancial business	8.2	10.0	13.2	13.1	11.8	11.7	10.6	10.7
Federal Government	-8	-1	-5.4	1.0	9.3	10.7	-1.7	6.8
State and local government	3.1	3.5	3.3	4.8	5.9	5.1	3.8	5.7
Financial sectors	2.5	5.9	1.2	2.4	1.1	5.7	4.1	4.5
Rest of the world	.5	.3	1.0	1.4	2.3	.9	2.0	2.7
<b>Funds advanced, by sector</b>	29.4	44.0	30.7	36.6	46.2	61.2	39.5	51.3
Consumer and nonprofit	1.5	8.0	7.5	7.7	4.3	15.5	2.4	1.6
Farm and noncorp. business	.5	.2	.3	.1	-1	.1	.1	.5
Corporate nonfinancial business	3.8	5.0	-3.7	.6	1.5	4.7	-2.1	-4.4
Federal Government	1.2	1.5	1.1	2.4	1.7	3.8	2.3	2.8
State and local government	1.5	1.9	2.3	2.7	1.5	2.9	1.0	2.1
Commercial banking system	8.4	4.8	4.8	4.3	17.0	10.6	10.0	16.2
Savings institutions	3.2	8.1	7.4	7.2	9.3	10.6	9.4	11.0
Insurance sector	5.6	8.1	8.1	8.4	9.0	10.1	10.3	11.1
Finance, n.e.c.	2.3	5.3	1.6	2.5	2.0	4.6	5.1	4.6
Rest of the world	1.3	1.0	1.3	.6	-1	3.1	1.1	.9

<sup>1</sup> Less than \$50 million.

<sup>2</sup> Net increase in commercial banking system liability minus net increase in assets.

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin and Flow of Funds Supplement No. 5*.

## NO. 437. COMPONENTS OF PERSONAL SAVING: 1946 to 1960

[In billions of dollars. Beginning 1960, includes Alaska and Hawaii. The OBE and SEC personal savings tables (437 and 438) differ in (a) the definition of savings, (b) statistical methodologies of measuring savings, and (c) the treatment of uninsured pension funds. For example, conceptually, SEC gross savings includes, and OBE personal savings excludes, consumer durable goods and Government insurance funds. See also *Historical Statistics, Colonial Times to 1967*, series F 263 and F 262-303]

PERSONAL SAVING	ANNUAL AVERAGE		1956	1957	1958	1959	1960
	1946-49	1950-55					
Personal saving.....	9.4	17.6	23.0	23.6	24.7	23.4	22.9
Gross investment in tangible assets.....	16.8	27.6	30.9	31.1	31.2	37.4	36.6
Nonfarm homes.....	7.1	13.4	16.3	15.6	15.4	19.2	18.4
Other construction and producers' durable equipment.....	9.7	13.3	14.8	14.5	15.2	17.2	17.0
Noncorporate enterprises.....	5.4	7.1	8.9	8.1	8.0	9.7	9.7
Farm enterprises and dwellings.....	3.5	4.0	3.8	4.0	4.4	4.7	4.2
Nonprofit institutions.....	.8	1.6	2.1	2.5	2.7	2.0	3.2
Inventories of noncorporate enterprises.....		.9	-.2	1.0	.7	1.0	1.2
Nonfarm.....	.2	.4	.2	.2	-.3	.9	.9
Farm.....	-.2	.5	-.4	.8	.9	.1	.3
Depreciation <sup>1</sup> .....	6.6	11.1	13.5	14.7	15.2	15.9	16.6
Nonfarm homes.....	2.1	3.2	4.3	4.7	5.0	5.3	5.7
Noncorporate nonfarm enterprises.....	2.5	4.1	5.0	5.5	5.7	5.8	6.0
Farm enterprises <sup>2</sup> .....	1.8	3.4	3.7	3.9	4.0	4.2	4.1
Nonprofit institutions.....	.2	.4	.5	.6	.6	.6	.7
Net investments in tangible assets.....	10.2	16.5	17.4	16.4	16.0	21.5	20.0
Nonfarm homes.....	5.1	10.2	12.0	10.9	10.4	13.9	12.7
Other.....	5.1	6.2	5.4	5.5	5.6	7.6	7.3
Increase in financial assets <sup>3,4</sup> .....	0.2	17.3	23.3	23.1	26.3	30.9	22.6
Currency and bank deposits.....	2.4	5.2	4.7	4.9	10.2	3.5	3.9
Currency.....	-.4	.4	.0	.0	.3	.7	.0
Demand deposits.....	.4	1.4	.9	-1.5	2.2	-1.2	-1.2
Time and savings deposits <sup>5</sup> .....	2.4	3.3	3.7	6.5	7.7	4.1	5.0
Savings and loan association shares.....	1.3	3.3	5.4	5.2	6.3	7.3	8.1
Securities.....	1.5	2.5	5.1	5.0	1.3	11.1	1.5
U.S. savings bonds <sup>6</sup> .....	1.6	.2	-.1	-1.9	-.5	-1.8	-.2
Other U.S. Government.....	-1.1	-.2	1.8	1.6	-1.6	9.8	-.9
State and local government.....	.4	1.0	1.5	2.2	.8	2.2	1.4
Corporate and other.....	.6	1.5	1.9	3.1	2.6	.9	1.2
Private insurance and pension reserves.....	4.0	6.4	8.2	8.0	8.4	8.9	9.2
Insurance reserves.....			4.3	3.5	3.9	3.5	4.3
Insured pension reserves.....	3.6	4.8	1.2	1.6	1.5	2.0	1.2
Noninsured pension funds.....	.4	1.6	2.6	2.9	3.1	3.4	3.7
Increase in debt to corporations and financial intermediaries.....	9.8	10.3	18.6	15.4	17.6	29.3	23.2
Consumer debt.....	2.5	3.3	3.1	2.5	.3	6.3	3.7
Securities loans.....	-.6	.4	-.8	-.1	.4	.2	.3
Mortgage debt.....	5.3	9.7	12.2	9.6	12.0	16.2	13.7
On nonfarm homes.....	4.2	8.1	10.2	7.8	9.3	13.0	11.6
On noncorporate nonfarm enterprises.....	.9	1.3	1.5	1.4	2.4	2.5	1.7
On farms.....	.1	.4	.5	.4	.4	.6	.5
Net trade debt of noncorporate nonfarm enterprises.....	.8	1.0	2.0	1.3	1.1	1.4	2.7
Non-real-estate farm debt.....	.6	.4	.2	.6	.9	1.2	.4
Bank debt not elsewhere classified.....	1.2	1.5	1.7	1.4	2.8	4.0	2.4
Errors and omissions.....	.1	-.1	-1.0	.5	.0	-.3	-3.7

<sup>1</sup> Includes accidental damage to fixed property.

<sup>2</sup> Includes depreciation on farm property owned by nonfarm landlords and accidental damage to fixed property.

<sup>3</sup> Excludes changes in Government insurance and pension reserves amounting to \$3.57 billion in 1958; \$3.19 billion in 1957; \$0.59 billion in 1958; \$2.27 billion in 1959; and \$3.33 billion in 1960; and small amounts in Armed Forces leave bonds. (Both these items are ascribed to the Government sector in the national income accounts.)

<sup>4</sup> Includes changes in assets of noncorporate enterprises of the types specified.

<sup>5</sup> Includes shares and deposits in credit unions and the Postal Saving System.

<sup>6</sup> Includes increase in redemption value of outstanding bonds.

Source: Department of Commerce, Office of Business Economics, *U.S. Income and Output*, a supplement to the *Survey of Current Business* and *Survey of Current Business*, July 1961; and Securities and Exchange Commission, *Statistical Bulletin*.



## No. 438. SAVING BY INDIVIDUALS: 1954 TO 1961

(In billions of dollars. Includes Alaska and Hawaii. Includes unincorporated business saving)

TYPE	1954	1955	1956	1957	1958	1959	1960	1961
Total gross saving.....	58.0	66.1	71.2	74.1	72.3	79.1	76.3	79.6
Net financial saving.....	9.5	7.1	14.2	15.7	16.9	13.6	10.4	16.9
Currency and deposits.....	5.4	3.3	4.7	4.9	10.2	3.5	3.9	9.4
Currency.....	-3.4	.4	( <sup>1</sup> )	( <sup>1</sup> )	.3	.7	( <sup>1</sup> )	.6
Demand deposits.....	1.4	-3.3	.9	-1.1	2.2	-1.2	-1.2	.2
Time and savings deposits.....	4.3	3.2	3.8	6.1	7.7	4.1	5.0	8.6
Savings shares <sup>2</sup> .....	4.8	5.2	5.4	5.2	6.3	7.3	8.1	9.4
Securities.....	.4	6.4	5.1	4.6	1.3	11.1	1.4	1.4
U. S. savings bonds.....	.6	.3	-1	-1.9	-5	-1.8	-2	.8
Other U. S. Government <sup>3</sup> .....	-1.6	2.0	1.8	1.6	-1.6	9.8	-9	-8
State and local government.....	.7	1.9	1.5	2.2	.8	2.2	1.4	.4
Corporate and other.....	.7	2.2	1.9	2.8	2.6	.9	1.2	1.0
Private insurance and pension reserves.....	7.1	7.6	8.2	8.0	8.4	8.9	9.2	9.6
Insurance reserves.....	4.0	4.2	4.3	3.5	3.0	3.5	4.3	4.5
Insured pension reserves.....	1.2	1.3	1.2	1.6	1.5	2.0	1.2	1.2
Noninsured pension funds.....	1.9	2.1	2.6	2.9	3.1	3.4	3.7	3.9
Government insurance and pension reserves <sup>4</sup> .....	2.6	3.1	3.7	3.2	.6	2.3	3.3	1.5
Increase in individuals' debts.....	10.8	18.5	12.7	10.3	10.0	19.5	15.5	14.4
Mortgage debt <sup>5</sup> .....	9.0	11.8	10.2	7.8	9.5	13.0	11.6	12.5
Consumer indebtedness <sup>6</sup> .....	1.0	6.1	3.3	2.5	.2	6.3	3.7	1.0
Securities loans <sup>7</sup> .....	.9	.6	-8	-1	.4	.2	.3	1.0
Nonfarm homes <sup>8</sup> .....	14.2	17.3	16.3	15.6	15.3	19.2	18.4	16.9
Construction and equipment of nonprofit institutions.....	1.9	2.0	2.1	2.5	2.7	2.9	3.2	3.2
Consumer durable goods.....	32.4	39.6	38.5	40.4	37.3	43.4	44.3	42.4

<sup>1</sup> Less than \$50,000,000.<sup>2</sup> Includes shares in savings and loan associations and shares and deposits in credit unions.<sup>3</sup> Includes nonguaranteed Federal agency securities.<sup>4</sup> Includes Social Security funds, State and local retirement systems, etc.<sup>5</sup> Mortgage debt to institutions on 1- to 4-family nonfarm dwellings.<sup>6</sup> Consumer debt owed to corporations, largely attributable to purchases of automobiles and other durable consumer goods, although including some debt arising from purchases of consumption goods. Policy loans on Government and private life insurance have been deducted from these items of saving.<sup>7</sup> Change in bank loans made for the purpose of purchasing or carrying securities.<sup>8</sup> Construction of 1- to 4-family nonfarm dwellings less net acquisitions of properties by nonindividuals.Source: Securities and Exchange Commission; data are published quarterly in *Volume and Composition of Individuals' Saving*, and in the *Statistical Bulletin*.

## No. 439. PERCENT DISTRIBUTION OF SPENDING UNITS, 1945 TO 1960, AND SHARE OF LIQUID ASSETS, 1946 TO 1960, BY INCOME GROUPS

[Excludes Alaska and Hawaii. Liquid asset holdings as of January 1, 1952, and at time of interviews in January, February, and early March of other years. Money income groupings for calendar year preceding time of interview. For definition of spending unit, see headnote, table 442. See text, p. 309]

MONEY INCOME BEFORE TAXES	SPENDING UNITS						SHARE OF TOTAL LIQUID ASSETS <sup>1</sup>					
	1945	1951	1955	1958	1959	1960	1946	1952	1955	1958	1959	1960
All income groups.....	100	100	100	100	100	100	100	100	100	100	100	100
Under \$1,000.....	20	13	11	7	7	6	7	7	4	3	3	3
\$1,000 to \$1,999.....	27	15	12	13	12	11	14	8	7	7	6	6
\$2,000 to \$2,999.....	23	18	13	12	10	10	17	10	9	10	7	6
\$3,000 to \$3,999.....	15	18	14	12	11	10	16	14	12	8	7	6
\$4,000 to \$4,999.....	7	15	14	12	12	11	10	11	11	10	7	9
\$5,000 to \$7,499.....	5	14	22	24	26	28	13	18	20	22	20	23
\$7,500 and over.....	3	7	14	20	22	24	23	32	37	40	60	47

<sup>1</sup> Liquid assets represent U. S. savings bonds, checking accounts, savings accounts in banks, and shares in savings and loan associations and credit unions; currency is excluded. Data prior to 1959 include postal savings accounts, which were held by less than 2 percent of all spending units early in 1958. Data prior to 1957 also include marketable U. S. Government bonds, which were held by about 1 percent of all spending units early in 1957.Source: The University of Michigan, Survey Research Center; *Survey of Consumer Finances*. Prior to 1960, sponsored by Board of Governors of Federal Reserve System and published periodically in *Federal Reserve Bulletin*.

## No. 440. FINANCIAL ASSETS AND LIABILITIES OF INDIVIDUALS: 1950 TO 1961

[In billions of dollars. As of end of year. Includes Alaska and Hawaii]

ASSETS AND LIABILITIES	1950	1955	1956	1957	1958	1959	1960	1961
<b>FINANCIAL ASSETS</b>								
<b>Total</b> .....	(1)	737.5	769.2	755.8	873.5	949.7	959.5	1,089.0
Currency and deposits.....	129.9	156.3	160.9	164.1	174.3	177.9	181.7	191.1
Currency.....	23.4	25.0	25.9	24.7	25.0	25.6	25.7	26.2
Demand deposits.....	49.7	55.7	56.6	54.5	56.7	55.5	54.3	54.0
Time and saving deposits.....	56.9	74.7	78.4	84.9	92.6	96.8	101.8	110.4
Savings shares.....	14.9	34.5	39.8	44.7	51.1	58.4	66.6	76.8
Securities.....	(1)	355.3	396.4	363.0	452.4	500.0	490.9	586.3
U.S. savings bonds.....	40.6	50.2	50.1	48.2	47.7	45.9	45.7	46.5
Other U.S. Government.....	18.0	18.2	20.3	22.7	19.7	28.5	28.7	28.1
State and local government.....	12.0	18.7	20.2	23.5	24.3	20.5	27.9	28.3
Corporate and other.....	(1)	205.1	305.8	268.6	360.7	405.1	393.6	483.4
Bonds and notes.....	(1)	21.0	19.9	20.0	21.2	17.8	21.7	21.8
Investment company shares.....	(1)	13.8	15.1	14.9	20.2	23.1	24.0	31.8
Other preferred and common shares.....	(1)	262.7	270.8	234.6	319.3	364.2	342.9	429.8
Private insurance and pension reserves.....	68.1	104.0	111.0	119.7	130.7	140.2	140.0	163.8
Insurance reserves.....	57.0	73.8	81.0	84.3	88.7	92.4	96.6	101.7
Insured pension reserves.....	6.6	11.2	12.4	14.0	15.5	17.5	18.8	20.0
Noninsured pension reserves.....	5.5	15.9	17.6	21.4	26.5	30.3	34.6	42.0
Government insurance and pension reserves.....	39.9	57.5	61.1	64.3	64.9	67.2	70.5	72.0
<b>LIABILITIES</b>								
<b>Total</b> .....	58.4	117.9	130.6	140.0	149.9	169.4	185.0	199.4
Mortgage debt.....	37.7	70.0	89.3	95.9	105.1	118.2	123.7	142.2
Consumer debt.....	17.9	33.9	37.0	39.9	40.2	46.5	50.2	51.1
Securities loans.....	2.8	5.0	4.3	4.2	4.6	4.8	5.0	6.0
<b>Net equity (assets—liabilities)</b> .....	(1)	619.6	638.7	615.8	723.5	780.2	774.6	889.7

<sup>1</sup> Not available.<sup>2</sup> Beginning 1955, includes nonguaranteed Federal agency issues. In 1950, such issues were included with corporate and other bonds.<sup>3</sup> Rough estimates of market value.Source: Securities and Exchange Commission; published annually in *Volume and Composition of Individuals' Saving*, and in the *Statistical Bulletin*.

## No. 441. OWNERSHIP OF ASSETS—PERCENT DISTRIBUTION OF SPENDING UNITS, BY TYPE OF ASSET AND ASSET SIZE-CLASS: 1960

[Excludes Alaska and Hawaii. For definition of spending unit, see headnote, table 442. For definition of median, see headnote, table 18]

ASSET SIZE-CLASS	Liquid assets <sup>1</sup>	Corporate stock	Equity in home	Other real estate	Unincorporated business
<b>Total</b> .....	100	100	100	100	100
Do not own any assets.....	24	86	46	83	94
Own assets.....	76	14	54	17	6
Less than \$500.....	28	3	1	1	1
\$500 to \$999.....	12	2	1	1	(2)
\$1,000 to \$4,999.....	25	4	14	4	1
\$5,000 to \$9,999.....	6	2	17	3	1
\$10,000 to \$24,999.....	4	1	19	4	2
\$25,000 and over.....	1	1	2	3	1
Value not ascertained.....	(1)	1	(2)	1	(2)
Median, all spending units.....	\$500	0	\$1,000	0	0
Median, holders only.....	\$900	\$2,500	\$8,200	\$8,300	\$10,000

<sup>1</sup> See footnote 1, table 439.<sup>2</sup> No cases reported or less than 0.5 percent.Source: The University of Michigan, Survey Research Center; *Survey of Consumer Finances*.

### No. 442. SHARE OF MONEY INCOME RECEIVED BY EACH TENTH OF ALL SPENDING UNITS, AND LOWEST INCOME WITHIN TENTH: 1947 TO 1960

[Excludes Alaska and Hawaii. See text, p. 310. Data for each year based on interviews in January-March of following year. "Spending unit" defined as all persons living in the same dwelling and belonging to the same family who pool their incomes to meet their major expenses; a spending unit may consist of only 1 person]

SPENDING UNITS RANKED FROM LOWEST TO HIGHEST INCOME <sup>1</sup>	PERCENT OF TOTAL MONEY INCOME					LOWEST INCOME WITHIN TENTH (dollars)				
	1947	1950	1955	1959	1960	1947	1950	1955	1959	1960
Lowest tenth.....	1	1	1	1	1	(2)	(2)	(2)	(2)	(2)
Second tenth.....	3	3	3	3	3	750	830	900	1,240	1,400
Third tenth.....	4	5	4	5	5	1,200	1,430	1,650	2,120	2,400
Fourth tenth.....	6	6	6	6	7	1,700	1,990	2,470	3,090	3,300
Fifth tenth.....	7	8	8	8	8	2,100	2,510	3,240	4,000	4,220
Sixth tenth.....	9	9	9	9	9	2,550	3,000	3,960	4,860	5,100
Seventh tenth.....	10	11	11	11	11	3,000	3,550	4,640	5,600	5,920
Eighth tenth.....	12	13	13	13	13	3,500	4,080	5,380	6,550	6,800
Ninth tenth.....	16	15	10	16	16	4,200	4,960	6,500	7,870	8,020
Highest tenth.....	33	29	30	29	27	5,700	6,210	8,440	10,300	10,510

<sup>1</sup> Ranking based on size of money income before tax.

<sup>2</sup> Not available.

Source: The University of Michigan, Survey Research Center; *Survey of Consumer Finances*. Prior to 1960, sponsored by Board of Governors of Federal Reserve System and published periodically in *Federal Reserve Bulletin*.

### No. 443. FAMILY PERSONAL INCOME RECEIVED BY EACH FIFTH AND TOP 5 PERCENT OF FAMILIES AND UNATTACHED INDIVIDUALS: 1935 TO 1960

[Beginning 1960, includes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series G 90-112 and G 121]

RANK BY SIZE OF INCOME	PERCENT OF INCOME							AVERAGE INCOME (CURRENT DOLLARS)						
	1935-1936	1941	1950	1957	1958	1959	1960	1935-1936	1941	1950	1957	1958	1959	1960
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1,631	2,209	4,444	6,238	6,284	6,608	6,845
Lowest fifth.....	4.1	4.1	4.8	4.7	4.7	4.6	4.6	337	450	1,050	1,402	1,472	1,512	1,576
Second fifth.....	9.2	9.5	10.9	11.1	11.0	10.9	11.0	749	1,044	2,418	3,471	3,480	3,617	3,758
Third fifth.....	14.1	15.3	16.1	16.3	16.3	16.3	16.3	1,146	1,694	3,579	5,087	5,115	5,385	5,681
Fourth fifth.....	20.9	22.3	22.1	22.4	22.5	22.6	22.6	1,708	2,463	4,911	6,983	7,063	7,460	7,721
Highest fifth.....	51.7	48.8	46.1	45.6	45.6	45.6	45.5	4,210	5,396	10,254	14,185	14,292	15,067	15,588
Top 5 percent.....	26.5	24.0	21.4	20.2	20.0	20.0	20.0	8,654	10,617	19,060	25,139	25,124	26,428	27,368

RANK BY SIZE OF INCOME	AVERAGE INCOME (1960 DOLLARS) <sup>1</sup>							PERCENT INCREASE IN AVERAGE INCOME (1960 DOLLARS)		
	1935-1936	1941	1950	1957	1958	1959	1960	1935-1936 to 1941	1935-1936 to 1960	1941 to 1960
Total.....	2,937	3,663	4,444	5,327	5,250	5,461	5,570	25	90	52
Lowest fifth.....	607	746	1,056	1,249	1,230	1,250	1,282	23	111	72
Second fifth.....	1,349	1,731	2,418	2,904	2,907	2,989	3,058	28	127	77
Third fifth.....	2,063	2,809	3,579	4,344	4,273	4,450	4,541	36	120	62
Fourth fifth.....	3,075	4,085	4,911	5,903	5,901	6,165	6,282	33	104	54
Highest fifth.....	7,591	8,049	10,254	12,114	11,940	12,452	12,683	18	67	42
Top 5 percent.....	15,582	17,607	19,060	21,468	20,989	21,841	22,209	13	43	26

<sup>1</sup> Price indexes used for deflators are those employed in deflating the personal consumption expenditure series in the national income accounts.

Source: 1935-36 and 1941, Harvard University; *Review of Economics and Statistics*, February 1954. Later years, Department of Commerce, Office of Business Economics; *Income Distribution in the United States by Size, 1944-1960*, and *Survey of Current Business*, April 1962.

**No. 444. FAMILIES AND UNATTACHED INDIVIDUALS AND FAMILY PERSONAL INCOME, BY BEFORE-TAX INCOME LEVEL: 1950 TO 1960**

[Numbers in thousands; income in millions of dollars. Beginning 1960, includes Alaska and Hawaii. For distinction between personal income and money income, see text, p. 310. See also *Historical Statistics, Colonial Times to 1957*, series G 1-28]

INCOME LEVEL (before income taxes)	FAMILIES AND UNATTACHED INDIVIDUALS					AGGREGATE BEFORE-TAX FAMILY PERSONAL INCOME				
	1950	1957	1958	1959	1960	1950	1957	1958	1959	1960
<b>Total.....</b>	48,890	53,650	54,620	55,300	56,060	217,262	334,647	343,257	365,432	383,719
Under \$2,000.....	11,325	7,641	7,080	7,511	7,213	13,270	8,584	8,585	8,390	8,040
\$2,000 to \$2,999.....	8,091	5,374	5,510	5,284	5,083	20,273	13,483	13,847	13,266	12,707
\$3,000 to \$3,999.....	8,586	6,490	6,620	6,126	5,926	29,983	22,758	23,252	21,491	20,788
\$4,000 to \$4,999.....	7,054	6,806	6,810	6,413	6,327	31,533	30,623	30,697	28,832	28,403
\$5,000 to \$5,999.....	4,094	6,201	6,228	6,034	6,005	25,603	33,980	34,207	33,154	33,002
\$6,000 to \$7,499.....	3,836	7,552	7,598	7,817	8,007	25,578	50,472	50,877	52,474	53,813
\$7,500 to \$9,999.....	2,758	0,779	6,879	7,722	8,238	23,364	58,152	59,111	66,315	70,775
\$10,000 to \$14,999.....	1,636	4,312	4,660	5,270	5,833	18,310	51,883	55,862	62,951	69,611
\$15,000 and over.....	1,010	2,495	2,617	3,123	3,428	29,342	64,712	66,010	78,559	86,490
<b>Percent.....</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under \$2,000.....	23.2	14.2	14.1	13.6	12.9	6.1	2.6	2.5	2.3	2.1
\$2,000 to \$2,999.....	16.6	10.0	10.1	9.6	9.1	9.3	4.0	4.0	3.6	3.3
\$3,000 to \$3,999.....	17.6	12.1	12.1	11.1	10.6	13.8	6.8	6.8	5.9	5.4
\$4,000 to \$4,999.....	14.4	12.7	12.5	11.6	11.3	14.5	9.1	8.0	7.9	7.4
\$5,000 to \$5,999.....	9.6	11.6	11.4	10.9	10.7	11.8	10.1	10.0	9.1	8.6
\$6,000 to \$7,499.....	7.9	14.1	13.9	14.1	14.3	11.8	15.1	14.8	14.4	14.0
\$7,500 to \$9,999.....	5.6	12.6	12.6	14.0	14.7	10.8	17.4	17.2	18.2	18.4
\$10,000 to \$14,999.....	3.1	8.0	8.5	9.6	10.4	8.4	15.5	16.3	17.2	18.2
\$15,000 and over.....	2.0	4.7	4.8	5.5	6.0	13.5	10.4	19.5	21.4	22.6

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, April 1958 and April 1962.

**No. 445. FAMILIES AND UNATTACHED INDIVIDUALS AND FAMILY PERSONAL INCOME AFTER INDIVIDUAL INCOME TAX LIABILITY, BY AFTER-TAX INCOME LEVEL: 1950 TO 1960**

[Numbers in thousands; income in millions of dollars. Beginning 1960, includes Alaska and Hawaii. For distinction between personal income and money income, see text, p. 310. See also *Historical Statistics, Colonial Times to 1957*, series G 75-98]

INCOME LEVEL (after income taxes)	FAMILIES AND UNATTACHED INDIVIDUALS					AGGREGATE AFTER-TAX FAMILY PERSONAL INCOME				
	1950	1957	1958	1959	1960	1950	1957	1958	1959	1960
<b>Total.....</b>	48,890	53,650	54,620	55,300	56,060	198,942	300,847	309,657	328,062	345,329
Under \$2,000.....	11,918	8,131	8,082	7,945	7,605	14,180	9,334	9,194	9,048	8,630
\$2,000 to \$2,999.....	8,064	5,959	6,102	5,831	5,604	21,762	14,094	15,359	14,652	14,086
\$3,000 to \$3,999.....	9,100	7,185	7,302	6,852	6,614	31,890	25,207	25,936	24,046	23,221
\$4,000 to \$4,999.....	7,226	7,649	7,519	7,150	7,032	32,285	34,431	33,786	32,159	31,628
\$5,000 to \$5,999.....	4,487	6,868	6,839	6,718	6,739	24,445	37,731	37,524	36,892	37,012
\$6,000 to \$7,499.....	3,297	6,821	6,996	7,535	7,855	21,921	45,583	40,717	50,432	52,644
\$7,500 to \$9,999.....	2,131	5,542	5,856	6,573	7,182	18,034	47,205	50,055	56,229	61,520
\$10,000 to \$14,999.....	1,278	3,075	3,911	4,514	4,936	15,113	43,786	46,413	53,809	58,782
\$15,000 and over.....	780	1,820	1,923	2,182	2,493	19,393	42,576	44,673	50,735	57,806
<b>Percent.....</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under \$2,000.....	24.4	15.2	14.8	14.4	13.6	7.1	3.1	3.0	2.8	2.5
\$2,000 to \$2,999.....	17.7	11.1	11.2	10.5	10.0	11.0	5.0	5.0	4.5	4.1
\$3,000 to \$3,999.....	18.6	13.4	13.5	12.4	11.8	16.0	8.4	8.4	7.3	6.7
\$4,000 to \$4,999.....	14.8	14.3	13.8	12.9	12.6	16.2	11.4	10.9	9.8	9.2
\$5,000 to \$5,999.....	9.2	12.8	12.5	12.1	12.0	12.3	12.5	12.1	11.2	10.7
\$6,000 to \$7,499.....	6.7	12.7	12.8	13.6	14.0	11.0	15.2	15.1	15.4	15.3
\$7,500 to \$9,999.....	4.4	10.3	10.7	11.9	12.8	9.1	15.7	16.1	17.1	17.8
\$10,000 to \$14,999.....	2.6	6.8	7.2	8.2	8.8	7.6	14.6	15.0	16.4	17.0
\$15,000 and over.....	1.6	3.4	3.5	4.0	4.4	9.7	14.1	14.4	15.5	16.7

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, April 1958 and April 1962.

**No. 446. NUMBER AND AVERAGE SIZE OF FAMILIES AND UNATTACHED INDIVIDUALS, AND AVERAGE FAMILY PERSONAL INCOME BEFORE AND AFTER FEDERAL INDIVIDUAL INCOME TAX LIABILITY: 1929 TO 1961**

[Beginning 1960, includes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series G 118-130]

ITEM	1929	1947	1950	1957	1958	1959	1960	1961
<b>ALL FAMILIES AND UNATTACHED INDIVIDUALS (CONSUMER UNITS)</b>								
Number of consumer units.....millions.....	36.1	44.7	48.9	53.6	54.6	55.3	50.1	56.6
Average (mean) number of persons per consumer unit.....	3.34	3.19	3.05	3.15	3.15	3.17	3.19	(1)
Average (mean) family personal income per consumer unit:								
Before tax:								
In current dollars.....	\$2,340	\$4,130	\$4,440	\$6,238	\$6,284	\$6,608	\$6,845	\$7,020
In 1961 dollars <sup>2</sup> .....	4,230	5,430	5,490	6,610	6,530	6,790	6,930	7,020
After tax:								
In current dollars.....	2,320	3,720	4,070	5,608	5,669	5,932	6,160	6,320
In 1961 dollars <sup>2</sup> .....	4,200	4,890	5,030	5,940	5,890	6,100	6,230	6,320
<b>ALL FAMILIES</b>								
Number of families.....millions.....	27.9	37.0	39.8	43.7	44.1	44.8	45.4	(1)
Average (mean) family personal income per family, in current dollars.....		\$4,574	\$4,969	\$6,992	\$7,065	\$7,428	\$7,696	(1)
Farm-operator families:								
Number of families.....millions.....		5.9	5.7	4.9	4.7	4.6	4.5	(1)
Average (mean) family personal income per family, in current dollars.....		\$3,583	\$3,498	\$4,111	\$4,521	\$4,252	\$4,518	(1)
Nonfarm families:								
Number of families.....millions.....		31.1	34.1	38.8	39.4	40.1	40.8	(1)
Average (mean) family personal income per family, in current dollars.....		\$4,775	\$5,232	\$7,352	\$7,372	\$7,795	\$8,049	(1)

<sup>1</sup> Not available.

<sup>2</sup> See footnote 1, table 443.

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, April 1958 and April 1962.

**No. 447. MEDIAN MONEY WAGE OR SALARY INCOME OF PRIMARY FAMILIES AND UNRELATED INDIVIDUALS WITH WAGE OR SALARY INCOME, BY SELECTED CHARACTERISTICS: 1950 TO 1960**

[Beginning 1950, includes Alaska and Hawaii. Money wage or salary income includes wages, salary, commissions, tips, piece-rate payments, and cash bonuses earned, before deductions were made for taxes, bonds, pensions, union dues, etc. For definition of primary family, see p. 2. For definition of median, see headnote, table 18. See also *Historical Statistics, Colonial Times to 1957*, series G 147-165]

SELECTED CHARACTERISTICS	1950	1954	1955	1956	1957	1958	1959	1960
<b>Total</b> .....	\$3,216	\$3,960	\$4,137	\$4,453	\$4,594	\$4,650	\$5,016	\$5,199
<b>COLOR</b>								
White families and individuals.....	3,390	4,150	4,331	4,685	4,831	4,882	5,252	5,424
Nonwhite families and individuals.....	1,671	2,333	2,418	2,429	2,536	2,437	2,672	3,058
<b>SEX, MARITAL STATUS, AND AGE OF HEAD</b>								
Families with male head, married, wife present.....	3,486	4,286	4,467	4,858	5,033	5,107	5,478	5,688
Age of head:								
Under 35 years.....	3,305	4,118	4,279	4,700	4,890	4,843	5,221	5,377
35 to 44 years.....	3,805	4,719	4,872	5,312	5,500	5,593	6,088	6,344
45 to 54 years.....	3,752	4,633	4,944	5,308	5,489	5,594	5,896	6,256
55 years and over.....	3,031	3,570	3,757	3,985	4,045	4,221	4,449	4,719
Other families with male head.....	3,092	3,636	3,857	4,321	4,244	3,987	4,268	4,439
Families with female head.....	2,122	2,646	2,651	2,780	2,902	2,865	2,966	2,983
<b>SIZE OF FAMILY</b>								
2 persons.....	3,002	3,709	3,835	4,148	4,266	4,362	4,548	4,754
3 persons.....	3,394	4,172	4,417	4,764	4,868	4,897	5,176	5,429
4 persons.....	3,619	4,468	4,646	5,045	5,234	5,344	5,744	5,932
5 persons.....	3,632	4,535	4,506	5,043	5,208	5,252	5,813	5,975
6 persons or more.....	3,182	3,894	4,146	4,500	4,664	4,592	5,132	5,271
<b>FAMILIES, BY NUMBER OF CHILDREN UNDER 18 YEARS OF AGE</b>								
None.....	3,340	4,006	4,227	4,558	4,697	4,732	5,028	5,235
1.....	3,421	4,188	4,343	4,644	4,855	4,961	5,202	5,421
2.....	3,493	4,450	4,618	4,911	5,047	5,203	5,630	5,794
3 or more.....	3,082	3,933	4,157	4,605	4,783	4,724	5,272	5,428

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-60, and records.

**No. 448. MONEY INCOME OF FAMILIES AND UNRELATED INDIVIDUALS—PERCENT. DISTRIBUTION BY INCOME LEVEL: 1945 TO 1960**

[Beginning 1959, includes Alaska and Hawaii. Based on sample. See Technical Note, p. 213. Data are limited to families and individuals living in dwelling units (1946-1958) or in housing units (1959-1960). For definitions, see text, pp. 2-3. Includes small number of families and unrelated individuals with no money income]

ITEM AND YEAR	INCOME LEVEL (percent distribution)									Median income <sup>1</sup>
	Total	Under \$1,000	\$1,000 to \$1,999	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$9,999	\$10,000 and over	
<b>Families and individuals:</b>										
1945.....	100.0	19.5	21.1	23.9	15.3	8.4	5.3	5.3	1.3	\$2,379
1947.....	100.0	16.8	17.7	20.9	17.6	10.2	6.7	7.7	2.5	2,727
1948.....	100.0	16.2	15.8	19.8	18.8	11.4	7.1	8.5	2.5	2,909
1949.....	100.0	18.5	15.8	20.0	17.9	10.4	6.8	8.3	2.3	2,783
1950.....	100.0	17.8	14.2	17.5	18.8	11.9	7.7	9.3	2.8	3,025
1951.....	100.0	15.2	12.4	15.5	18.5	13.8	9.3	12.3	3.1	3,368
1952.....	100.0	14.5	12.6	14.3	17.4	13.6	10.2	14.0	3.5	3,467
1953.....	100.0	14.3	11.2	12.5	15.2	14.0	11.3	16.7	4.6	3,789
1954.....	100.0	14.9	12.2	12.2	14.7	13.8	10.4	16.7	4.9	3,730
1955.....	100.0	13.4	11.9	11.3	14.1	13.8	11.1	19.1	5.3	3,948
1956.....	100.0	12.3	10.9	10.7	12.3	13.7	12.0	21.5	6.7	4,257
1957.....	100.0	11.9	10.8	10.1	11.6	13.1	12.8	22.7	7.1	4,406
1958.....	100.0	11.0	11.1	10.2	11.2	12.5	12.1	23.5	8.4	4,500
1959.....	100.0	10.3	10.8	9.8	10.2	11.0	11.7	25.7	10.3	4,806
1960.....	100.0	9.9	10.3	9.4	10.0	10.3	11.6	26.4	12.0	5,009
<b>Families:</b>										
1945.....	100.0	13.5	20.5	25.5	17.3	9.7	6.1	6.1	1.4	2,621
1947.....	100.0	10.7	16.6	22.0	19.7	11.7	7.7	8.9	2.7	3,033
1948.....	100.0	10.6	14.5	20.5	20.7	13.0	8.1	9.8	2.8	3,100
1949.....	100.0	12.1	14.8	20.6	20.0	12.1	7.8	9.8	2.6	3,107
1950.....	100.0	11.5	13.2	17.9	20.6	13.6	9.0	11.0	3.2	3,319
1951.....	100.0	9.2	11.4	15.4	19.7	15.6	10.8	14.4	3.6	3,714
1952.....	100.0	8.5	10.8	14.2	18.6	15.4	11.9	16.5	4.1	3,889
1953.....	100.0	8.6	9.9	11.7	15.8	15.9	13.2	19.8	5.4	4,233
1954.....	100.0	8.8	11.0	11.9	15.5	15.6	11.9	19.6	5.8	4,167
1955.....	100.0	7.7	9.9	11.0	14.6	15.4	12.7	22.4	6.2	4,420
1956.....	100.0	6.5	8.9	10.2	12.5	14.8	13.7	25.4	7.9	4,787
1957.....	100.0	6.4	8.4	9.6	11.8	14.1	14.5	26.6	8.4	4,978
1958.....	100.0	5.6	8.8	9.8	11.1	13.4	13.7	27.5	10.0	5,095
1959.....	100.0	5.1	8.3	9.3	10.1	11.7	13.2	30.1	12.2	5,417
1960.....	100.0	5.0	8.0	8.7	9.8	10.5	12.9	30.8	14.3	5,625
<b>Unrelated individuals:</b>										
1945.....	100.0	53.9	25.2	14.4	4.0	1.0	0.3	0.8	0.3	899
1947.....	100.0	50.7	23.9	14.8	6.0	1.9	0.9	0.8	1.0	983
1948.....	100.0	48.9	23.0	15.5	7.9	2.6	0.8	0.8	0.4	1,042
1949.....	100.0	50.7	20.5	16.8	7.3	2.3	1.4	0.7	0.4	984
1950.....	100.0	50.3	19.6	15.6	9.2	3.1	1.0	0.9	0.4	992
1951.....	100.0	46.7	18.0	16.0	11.9	4.1	1.8	1.3	0.3	1,180
1952.....	100.0	41.8	21.4	15.2	12.0	5.0	2.1	2.0	0.5	1,332
1953.....	100.0	42.3	17.8	17.1	12.5	5.4	2.2	1.7	1.1	1,397
1954.....	100.0	45.4	18.6	14.3	10.9	5.0	3.0	2.0	0.7	1,225
1955.....	100.0	42.0	21.8	13.0	11.4	5.6	2.7	3.0	0.8	1,310
1956.....	100.0	39.6	20.8	12.9	11.1	8.0	3.9	2.9	0.8	1,448
1957.....	100.0	36.7	21.2	12.8	10.9	8.2	4.7	4.4	1.2	1,535
1958.....	100.0	35.2	21.4	12.4	11.5	7.9	4.7	4.9	1.7	1,582
1959.....	100.0	34.8	22.5	12.4	10.4	8.1	4.8	5.6	1.4	1,603
1960.....	100.0	32.3	21.0	12.7	10.4	9.3	6.2	6.6	1.2	1,784

<sup>1</sup> For definition of median, see headnote, table 18.

**NO. 449. MONEY INCOME OF FAMILIES—PERCENT DISTRIBUTION BY INCOME LEVEL, 1959, AND MEDIAN INCOME, 1949 AND 1959, BY STATES**

[Based on sample. See Technical Note, p. 213. For definition of median, see headnote, table 18]

STATE	PERCENT DISTRIBUTION OF FAMILIES									MEDIAN INCOME		
	Total	Under \$2,000	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$7,999	\$10,000 and over	1949	1959	Percent increase, 1949 to 1959
U.S.....	100.0	13.1	8.3	9.5	11.0	12.3	10.7	20.1	15.1	(1)	\$5,660	(1)
United States <sup>2</sup> .....	100.0	13.1	8.3	9.5	11.0	12.3	10.7	20.1	15.0	\$3,083	5,657	83.5
Ala.....	100.0	26.6	12.5	11.7	10.9	10.0	7.8	12.6	8.0	1,820	3,937	116.3
Alaska.....	100.0	9.0	5.6	6.7	9.0	9.3	8.1	22.5	29.9	(1)	7,326	(1)
Ariz.....	100.0	12.9	8.4	9.8	11.8	12.5	10.7	19.5	14.4	2,861	5,568	94.6
Ark.....	100.0	32.5	15.2	12.7	10.3	8.6	6.1	9.1	5.5	1,547	3,184	105.8
Calif.....	100.0	8.0	6.1	7.3	8.9	11.3	11.6	25.0	21.8	3,003	6,726	86.7
Colo.....	100.0	9.6	8.7	9.8	11.7	13.1	11.3	21.2	14.6	3,079	5,780	87.7
Conn.....	100.0	5.5	4.3	6.2	9.7	13.2	12.5	26.5	22.1	3,609	6,887	90.8
Del.....	100.0	9.3	6.7	8.6	11.0	12.3	11.0	21.5	19.6	3,193	6,197	94.1
D.C.....	100.0	9.4	7.9	10.6	12.0	10.2	8.7	19.5	21.7	3,332	5,993	56.4
Fla.....	100.0	16.2	12.2	12.9	12.0	11.4	8.9	15.2	11.1	2,420	4,722	94.4
Ga.....	100.0	22.5	13.1	12.1	11.1	10.3	8.0	13.7	9.2	1,902	4,208	121.2
Hawaii.....	100.0	7.0	5.9	10.4	11.6	11.3	10.4	21.4	22.0	3,568	6,366	78.4
Idaho.....	100.0	11.5	9.3	11.4	14.1	13.9	11.0	18.2	10.5	3,054	5,259	72.2
Ill.....	100.0	9.0	6.0	7.2	9.3	12.1	11.4	24.7	20.5	3,667	6,566	79.1
Ind.....	100.0	10.6	7.4	9.4	11.8	13.6	11.6	21.5	14.1	3,223	5,798	79.9
Iowa.....	100.0	15.2	10.1	11.2	12.6	12.9	10.4	17.0	10.7	3,079	5,069	64.6
Kansas.....	100.0	12.9	9.4	11.1	12.7	13.4	10.6	17.9	12.1	2,834	5,295	86.8
Ky.....	100.0	26.1	12.0	11.4	11.3	10.5	7.9	12.8	8.0	2,037	4,051	98.9
La.....	100.0	23.0	12.6	11.5	10.8	10.0	8.2	14.0	9.9	2,140	4,272	99.6
Maine.....	100.0	11.8	11.0	14.3	14.7	14.1	10.7	15.7	7.7	2,616	4,873	86.3
Md.....	100.0	8.8	6.5	8.5	10.6	12.2	11.0	22.6	19.8	3,307	6,309	90.8
Mass.....	100.0	6.7	5.8	8.3	11.6	14.3	12.5	23.8	17.0	3,399	6,272	84.5
Mich.....	100.0	9.5	6.3	7.2	10.4	13.7	12.0	23.7	17.4	3,588	6,256	74.4
Minn.....	100.0	12.8	8.6	9.8	11.4	13.0	11.2	20.2	13.0	3,184	5,673	75.0
Miss.....	100.0	37.7	13.9	11.2	9.3	7.9	5.8	9.0	5.2	1,228	2,884	134.9
Mo.....	100.0	17.1	9.9	10.2	11.3	12.1	9.9	17.7	11.8	2,647	5,127	93.7
Mont.....	100.0	11.4	8.8	11.3	12.8	14.1	11.3	18.8	11.5	3,292	5,403	64.1
Nebr.....	100.0	14.7	11.4	12.8	13.0	12.6	9.7	15.8	10.2	2,829	4,862	71.9
Nev.....	100.0	6.9	5.4	7.6	10.0	11.6	11.5	25.1	21.9	3,623	6,738	85.9
N.H.....	100.0	7.9	7.3	11.0	14.1	15.2	12.4	20.7	11.3	2,875	5,636	96.0
N.J.....	100.0	6.5	4.9	6.8	9.5	12.8	12.0	25.4	22.0	3,720	6,786	82.4
N. Mex.....	100.0	15.1	9.2	10.6	10.8	11.2	10.3	18.4	14.3	2,695	5,371	99.3
N.Y.....	100.0	7.7	6.1	8.3	10.7	12.9	11.5	22.9	19.9	3,559	6,371	79.0
N.C.....	100.0	23.9	13.2	13.4	11.8	10.3	8.0	12.3	6.9	2,141	3,956	84.8
N. Dak.....	100.0	16.9	11.9	13.9	13.9	12.0	9.0	14.0	8.5	2,039	4,530	54.1
Ohio.....	100.0	9.4	6.3	7.7	10.7	13.8	12.4	23.5	16.2	3,412	6,171	80.9
Okla.....	100.0	19.7	11.2	11.8	11.7	11.8	9.2	14.5	10.1	2,429	4,620	90.2
Oreg.....	100.0	9.9	7.2	8.4	11.8	14.3	12.4	22.1	13.9	3,403	5,892	73.1
Pa.....	100.0	9.5	7.4	9.8	13.0	14.4	11.7	20.3	13.9	3,214	5,719	77.9
R.I.....	100.0	9.5	7.2	11.0	13.3	15.1	12.0	20.2	11.7	3,136	5,589	78.2
S.C.....	100.0	26.5	13.0	12.7	11.0	10.0	8.0	12.2	6.5	1,924	3,821	98.6
S. Dak.....	100.0	20.9	12.6	13.3	12.8	11.4	8.8	12.6	7.6	2,787	4,251	82.5
Tenn.....	100.0	25.4	12.9	12.3	11.1	10.1	7.9	12.5	7.8	1,984	3,949	90.8
Tex.....	100.0	18.0	10.7	11.3	11.2	11.1	9.4	16.4	11.8	2,716	4,884	79.8
Utah.....	100.0	8.3	6.5	8.7	12.6	15.6	13.1	21.5	13.8	3,297	5,899	78.9
Vt.....	100.0	12.0	11.1	13.7	14.8	13.7	10.4	15.5	8.9	2,595	4,890	88.4
Va.....	100.0	17.4	10.5	11.2	11.3	10.8	8.9	16.7	13.2	2,644	4,994	87.7
Wash.....	100.0	8.6	6.6	7.8	10.4	13.7	12.5	23.7	16.6	3,623	6,225	76.0
W. Va.....	100.0	21.9	10.7	10.7	11.7	12.2	9.6	14.8	8.4	2,697	4,672	76.0
Wis.....	100.0	10.0	7.4	8.6	11.2	13.9	12.6	22.1	14.3	3,284	5,920	80.5
Wyo.....	100.0	9.0	7.5	10.0	11.7	13.5	12.4	21.4	14.6	3,623	5,877	66.8

<sup>1</sup> Not available.

<sup>2</sup> Excludes Alaska and Hawaii.

Source: Department of Commerce, Bureau of the Census; 1960 Census of Population; Series PC (1).

### No. 450. MONEY INCOME OF FAMILIES AND UNRELATED INDIVIDUALS—PERCENT DISTRIBUTION, BY INCOME LEVEL, BY COLOR, URBAN AND RURAL: 1960

[Includes Alaska and Hawaii. Based on sample. See Technical Note, p. 213. Percent not shown where less than 0.1. Includes small number of families and unrelated individuals with no money income, and families and individuals in group quarters as well as households. For definitions, see text, pp. 2-3; farm and nonfarm residence based on 1960 definitions]

ITEM	Total	INCOME LEVEL (percent distribution)									Median income <sup>1</sup>
		Under \$1,000	\$1,000 to \$1,999	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 and over	
<b>FAMILIES</b>											
Total.....	100.0	5.0	8.0	8.7	9.8	10.5	12.9	10.8	20.0	14.3	\$5,626
White.....	100.0	4.1	6.9	8.1	9.4	10.5	13.8	11.2	21.3	15.3	5,835
Nonwhite.....	100.0	13.4	18.3	14.8	14.0	10.4	8.7	6.7	8.7	4.9	3,233
Urban.....	100.0	3.1	6.6	8.2	9.3	10.5	13.5	11.5	21.7	15.6	5,911
White.....	100.0	2.5	5.5	7.2	8.5	10.4	13.9	11.9	23.2	16.9	6,103
Nonwhite.....	100.0	6.7	14.5	14.8	15.6	12.4	10.5	8.2	11.1	6.3	3,894
Rural nonfarm.....	100.0	5.5	7.9	7.9	9.8	10.7	13.0	10.9	19.9	14.2	5,620
White.....	100.0	4.5	7.0	7.5	9.7	11.0	13.4	11.3	20.8	14.9	5,779
Nonwhite.....	100.0	24.3	25.4	16.9	12.0	7.1	5.2	4.0	3.3	1.9	2,021
Rural farm.....	100.0	17.7	18.1	16.2	13.4	9.0	7.8	4.9	8.4	5.1	2,875
White.....	100.0	14.2	16.1	16.8	14.3	10.0	8.0	5.5	9.4	5.8	3,194
Nonwhite.....	100.0	43.7	33.3	11.6	6.2	2.0	2.0	0.3	0.3	0.3	1,168
<b>UNRELATED INDIVIDUALS</b>											
Total.....	100.0	33.6	20.5	12.8	10.2	9.3	6.0	3.3	3.2	1.2	1,720
White.....	100.0	31.2	20.9	12.6	10.8	9.6	6.5	3.5	3.6	1.4	1,800
Nonwhite.....	100.0	48.5	18.2	13.0	0.6	7.1	3.3	1.5	0.7	0.5	1,004
Urban.....	100.0	28.9	21.2	13.6	11.6	10.1	6.1	3.8	3.4	1.3	1,992
White.....	100.0	26.7	21.4	13.3	12.5	10.5	6.5	4.1	3.8	1.4	2,130
Nonwhite.....	100.0	42.7	20.4	15.1	6.9	8.2	3.8	1.6	0.8	0.5	1,269
Rural nonfarm.....	100.0	46.7	17.4	10.7	5.9	6.9	6.1	2.0	2.8	1.3	1,150
White.....	100.0	43.6	18.7	11.0	6.0	7.5	6.8	2.0	3.0	1.4	1,274
Nonwhite.....	100.0	73.8	6.9	7.6	5.0	2.6	0.6	1.3	1.3	0.6	702
Rural farm.....	100.0	56.2	23.5	5.4	5.0	4.2	4.3	-----	1.2	-----	875
White.....	100.0	53.7	24.3	5.5	5.5	4.7	4.7	-----	1.3	-----	923
Nonwhite.....	100.0	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )

<sup>1</sup> For definition of median, see headnote, table 18.

<sup>2</sup> Not shown where base is less than 200,000.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-60, No. 37.

### No. 451. MONEY INCOME OF PERSONS—PERCENT DISTRIBUTION OF RECIPIENTS, BY INCOME LEVEL, BY SEX AND AGE: 1960

[Persons 14 years old and over as of March 1961. Includes Alaska and Hawaii. Based on sample. See Technical Note, p. 213. Percent not shown where less than 0.1]

SEX AND AGE (in years)	NUMBER (1,000)		INCOME LEVEL (percent distribution of recipients)										Median income of recipients <sup>1</sup>
	Total	Recipients	Total	\$1 to \$999 or less	\$1,000 to \$1,999	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 and over	
<b>Male</b> .....	60,359	55,172	100.0	16.2	11.3	10.3	11.1	12.0	12.7	8.9	11.3	6.1	\$4,081
14 to 19.....	8,296	4,330	100.0	80.6	11.7	4.0	1.9	0.6	0.2	-----	0.1	-----	412
20 to 24.....	5,005	4,086	100.0	20.2	19.6	17.8	17.7	11.0	7.4	3.3	2.3	0.2	2,514
25 to 34.....	10,917	10,715	100.0	4.5	5.9	9.8	14.0	17.3	18.4	12.8	12.9	4.3	4,904
35 to 44.....	11,569	11,398	100.0	5.0	5.1	6.8	10.6	13.5	17.0	13.1	18.4	10.5	5,529
45 to 54.....	10,146	10,016	100.0	8.0	5.9	8.4	10.5	14.3	15.4	11.0	16.1	10.2	5,180
55 to 64.....	7,456	7,209	100.0	11.4	10.9	11.1	12.6	13.0	13.1	8.6	11.6	7.5	4,283
65 and over.....	6,970	6,719	100.0	24.3	33.1	18.6	7.2	5.0	3.7	2.6	3.0	2.9	1,698
<b>Female</b> .....	65,282	36,526	100.0	44.4	18.4	14.0	11.1	6.7	3.1	1.2	0.9	0.2	1,262
14 to 19.....	8,410	3,056	100.0	79.3	12.4	6.0	2.0	0.1	0.3	-----	-----	-----	388
20 to 24.....	5,695	3,619	100.0	33.1	20.0	19.0	15.4	7.7	1.3	0.2	-----	0.2	1,696
25 to 34.....	11,420	5,557	100.0	36.6	18.7	15.9	14.2	9.3	4.2	1.5	0.7	0.1	1,755
35 to 44.....	12,727	6,319	100.0	31.5	17.8	17.1	15.8	10.0	5.1	1.3	1.1	0.2	2,034
45 to 54.....	10,733	6,205	100.0	30.8	17.0	18.0	14.7	9.2	4.8	2.4	1.7	0.6	2,102
55 to 64.....	8,145	4,599	100.0	40.3	19.5	14.8	10.6	7.4	3.6	2.2	1.4	0.3	1,415
65 and over.....	8,601	6,571	100.0	55.7	22.0	5.5	3.1	1.3	0.9	0.4	0.7	0.3	821

<sup>1</sup> For definition of median, see headnote, table 18.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-60, No. 37.



**No. 452. MEDIAN INCOME IN 1959 OF PERSONS WITH INCOME, BY SEX, BY REGIONS, DIVISIONS, AND STATES, URBAN AND RURAL**

[Persons 14 years old and over as of April 1960. Based on sample. See Technical Note, p. 213. For definition of median, see headnote, table 18]

REGION, DIVISION, AND STATE	MALE					FEMALE				
	Total	Urban	RURAL			Total	Urban	RURAL		
			Total	Non-farm	Farm			Total	Non-farm	Farm
<b>United States</b> .....	\$4,103	\$4,532	\$2,972	\$3,297	\$2,098	\$1,357	\$1,532	\$902	\$942	\$731
<b>Regions:</b>										
Northeast.....	4,480	4,600	4,047	4,175	2,754	1,711	1,815	1,245	1,273	958
North Central.....	4,425	4,901	3,328	3,863	2,431	1,337	1,500	928	960	827
South.....	3,044	3,701	2,100	2,427	1,467	1,024	1,258	783	820	601
West.....	4,032	4,075	3,534	3,650	3,194	1,489	1,659	976	1,012	818
<b>New England</b> .....	4,292	4,370	4,016	4,123	2,588	1,588	1,695	1,256	1,281	917
Maine.....	3,265	3,619	2,948	3,027	2,283	1,085	1,303	802	905	749
New Hampshire.....	3,937	4,002	3,601	3,674	2,670	1,448	1,597	1,228	1,253	916
Vermont.....	3,817	3,849	3,089	3,292	2,130	1,053	1,277	987	957	820
Massachusetts.....	4,386	4,370	4,473	4,520	3,371	1,607	1,712	1,389	1,398	1,132
Rhode Island.....	3,811	3,794	3,011	3,042	3,040	1,548	1,554	1,489	1,501	1,151
Connecticut.....	4,963	4,917	5,139	5,208	3,413	1,893	1,936	1,700	1,721	1,345
<b>Middle Atlantic</b> .....	4,546	4,677	4,059	4,195	2,798	1,750	1,855	1,240	1,269	971
New York.....	4,619	4,704	4,179	4,364	2,786	1,940	2,030	1,281	1,325	952
New Jersey.....	5,016	5,070	4,473	4,586	3,050	1,824	1,872	1,427	1,445	1,148
Pennsylvania.....	4,258	4,402	3,878	4,016	2,772	1,445	1,537	1,104	1,184	972
<b>East North Central</b> .....	4,724	5,034	3,881	4,281	2,735	1,426	1,571	989	1,039	880
Ohio.....	4,707	4,990	4,159	4,471	2,762	1,372	1,468	1,005	1,053	901
Indiana.....	4,889	4,984	3,905	4,236	3,017	1,320	1,433	1,076	1,149	927
Illinois.....	4,886	5,132	3,708	4,193	2,706	1,678	1,840	904	1,044	894
Michigan.....	4,848	5,111	4,118	4,388	2,943	1,377	1,496	902	1,033	888
Wisconsin.....	4,398	5,013	3,245	3,865	2,420	1,234	1,416	890	934	763
<b>West North Central</b> .....	3,697	4,498	2,688	3,139	2,252	1,149	1,371	846	874	769
Minnesota.....	3,906	4,828	2,664	3,400	2,085	1,207	1,446	809	857	695
Iowa.....	3,700	4,434	2,958	3,490	2,456	1,080	1,267	866	902	778
Missouri.....	3,700	4,447	2,328	2,713	1,900	1,226	1,448	850	871	780
North Dakota.....	3,110	4,133	2,618	3,041	2,330	931	1,254	753	797	624
South Dakota.....	2,968	4,046	2,366	2,893	2,160	925	1,155	777	806	695
Nebraska.....	3,481	4,321	2,698	3,051	2,407	1,153	1,364	876	882	855
Kansas.....	3,801	4,467	3,024	3,306	2,565	1,136	1,287	904	917	862
<b>South Atlantic</b> .....	3,160	3,770	2,372	2,642	1,456	1,176	1,395	863	914	613
Delaware.....	4,456	5,033	3,428	3,569	2,777	1,430	1,555	1,208	1,210	1,197
Maryland.....	4,448	4,844	3,377	3,510	2,524	1,601	1,734	1,239	1,260	1,094
Dist. of Columbia.....	3,818	3,818				2,457	2,457			
Virginia.....	3,250	4,042	2,372	2,672	1,606	1,232	1,470	886	934	701
West Virginia.....	3,395	4,202	2,708	3,003	1,787	960	1,269	786	803	606
North Carolina.....	2,638	3,196	2,144	2,483	1,326	1,032	1,316	847	901	495
South Carolina.....	2,437	3,100	2,023	2,308	1,138	915	1,091	776	853	483
Georgia.....	2,715	3,331	2,066	2,290	1,320	979	1,186	813	848	657
Florida.....	3,306	3,485	2,781	2,839	2,190	1,163	1,258	901	906	820
<b>East South Central</b> .....	2,491	3,464	1,776	2,144	1,282	895	1,085	696	747	552
Kentucky.....	2,792	3,989	1,997	2,302	1,572	982	1,275	795	826	709
Tennessee.....	2,625	3,403	1,894	2,319	1,329	904	1,187	808	860	682
Alabama.....	2,683	3,485	1,895	2,171	1,234	870	985	699	720	580
Mississippi.....	1,807	2,768	1,287	1,629	948	658	888	470	514	415
<b>West South Central</b> .....	3,172	3,726	2,132	2,274	1,826	974	1,161	735	757	642
Arkansas.....	2,135	2,973	1,616	1,816	1,354	764	955	681	633	461
Louisiana.....	3,042	3,542	2,103	2,308	1,354	948	1,100	747	763	651
Oklahoma.....	3,281	3,951	2,323	2,316	2,336	1,019	1,205	827	820	821
Texas.....	3,394	3,827	2,305	2,447	2,034	1,030	1,205	754	772	685
<b>Mountain</b> .....	4,159	4,554	3,320	3,474	2,955	1,244	1,377	907	952	724
Montana.....	3,905	4,412	3,343	3,560	2,969	1,069	1,240	886	945	670
Idaho.....	3,841	4,327	3,420	3,758	3,005	943	1,151	759	828	605
Wyoming.....	4,386	4,831	3,800	4,177	3,011	1,118	1,315	865	900	746
Colorado.....	4,191	4,514	3,278	3,421	2,957	1,351	1,437	1,068	1,110	536
New Mexico.....	3,941	4,578	2,732	2,756	2,027	1,226	1,380	874	876	861
Arizona.....	4,093	4,398	2,948	3,038	2,470	1,291	1,396	900	938	614
Utah.....	4,529	4,716	4,012	4,126	3,368	1,090	1,196	835	841	797
Nevada.....	4,903	5,312	4,036	4,142	3,196	1,863	2,060	1,319	1,341	1,124
<b>Pacific</b> .....	4,804	5,079	3,682	3,749	3,408	1,600	1,751	1,019	1,053	879
Washington.....	4,626	4,965	3,964	4,094	3,324	1,811	1,450	933	963	706
Oregon.....	4,436	4,690	4,079	4,246	3,235	1,147	1,351	826	848	720
California.....	4,966	5,166	3,595	3,614	3,516	1,732	1,820	1,154	1,176	1,001
Alaska.....	4,079	6,083	3,040	3,024	4,989	1,724	2,473	1,227	1,232	903
Hawaii.....	3,717	4,187	2,863	2,847	3,101	1,773	1,995	972	962	1,139

Source: Department of Commerce, Bureau of the Census; 1960 Census of Population, Series PC (1).

### No. 453. MONEY INCOME OF PERSONS—PERCENT DISTRIBUTION OF RECIPIENTS BY INCOME LEVEL, BY SEX: 1945 TO 1960

[Persons 14 years old and over as of March of following year. Beginning 1959, includes Alaska and Hawaii. Based on sample. See Technical Note, p. 213]

ITEM	MALE						FEMALE					
	1945	1950	1955	1958	1959	1960	1945	1950	1955	1958	1959	1960
<b>UNITED STATES</b>												
Total persons.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Percent with income.....	89.5	90.1	92.1	91.7	91.4	91.4	45.1	43.2	49.3	52.9	53.7	56.0
Percent without income.....	10.5	9.9	7.9	8.3	8.6	8.6	54.0	56.8	50.7	47.1	46.3	44.0
Percent of those with income.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
\$1 to \$999 or loss.....	28.7	20.7	18.2	16.9	16.2	16.2	54.7	51.8	47.3	46.3	45.2	44.4
\$1,000 to \$1,999.....	20.0	16.4	12.8	12.3	11.7	11.3	33.2	23.6	20.6	19.1	19.0	18.4
\$2,000 to \$2,999.....	23.9	21.6	13.2	11.2	10.4	10.3	9.7	18.1	15.8	14.2	14.0	14.0
\$3,000 to \$3,999.....	13.2	20.9	16.5	13.0	11.8	11.1	1.4	4.5	10.7	11.0	11.1	11.1
\$4,000 to \$4,999.....	3.8	9.6	15.8	14.5	13.3	12.0	0.4	1.2	3.4	5.4	5.9	6.7
\$5,000 to \$5,999.....	2.4	4.6	10.3	12.1	12.7	12.7	0.1	0.3	1.2	2.2	2.6	3.1
\$6,000 to \$9,999.....	1.3	4.0	10.5	15.7	18.5	20.2	0.1	0.3	0.8	1.6	1.8	2.1
\$10,000 and over.....	0.8	2.0	2.9	4.4	5.4	6.1	0.1	0.2	0.3	0.3	0.4	0.2
Median income for persons with income <sup>1</sup> .....	\$1,811	\$2,570	\$3,354	\$3,742	\$3,906	\$4,081	\$901	\$953	\$1,116	\$1,176	\$1,222	\$1,262

<sup>1</sup> For definition of median, see headnote, table 18.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-60, No. 37.

### No. 454. MONEY INCOME OF PERSONS—RECIPIENTS AND MEDIAN INCOME, BY MAJOR OCCUPATION GROUP AND SEX: 1960

[Employment and occupation status of recipients 14 years old and over as of March 1961. Includes Alaska and Hawaii. Based on sample. See Technical Note, p. 213. See also *Historical Statistics, Colonial Times to 1967*, series G 169-190, for related data]

MAJOR OCCUPATION GROUP	MALE				FEMALE			
	Total (1,000)	Recipients (1,000)	Median income		Total (1,000)	Recipients (1,000)	Median income	
			Recipients <sup>1</sup>	Year-round, full-time workers <sup>2</sup>			Recipients <sup>1</sup>	Year-round, full-time workers <sup>2</sup>
<b>Total.....</b>	<b>60,359</b>	<b>55,172</b>	<b>\$4,081</b>	<b>\$5,435</b>	<b>65,282</b>	<b>36,526</b>	<b>\$1,262</b>	<b>\$3,296</b>
Employed as civilians.....	43,103	42,444	4,822	5,455	22,413	20,218	2,348	3,328
Professional, technical, and kindred workers.....	5,113	5,053	6,092	7,228	2,884	2,710	3,870	4,450
Self-employed <sup>1</sup> .....	781	771	9,545	11,352	227	217	1,397	( <sup>3</sup> )
Salaried.....	4,332	4,282	6,564	7,036	2,657	2,493	4,020	4,466
Farmers and farm managers.....	2,621	2,589	1,941	2,210	134	116	( <sup>3</sup> )	( <sup>3</sup> )
Managers, officials, and proprietors, excluding farm.....	6,213	6,172	6,519	6,922	1,117	983	2,948	3,535
Self-employed <sup>1</sup> .....	2,989	2,961	5,036	5,396	593	429	1,532	( <sup>3</sup> )
Salaried.....	3,224	3,211	7,591	7,841	608	554	3,728	4,281
Clerical and kindred workers.....	3,043	3,033	5,011	5,328	6,859	6,341	3,122	3,645
Sales workers.....	2,805	2,731	4,990	5,938	1,704	1,419	1,505	2,397
Craftsmen, foremen, and kindred workers.....	7,956	7,955	5,582	5,905	219	202	3,125	( <sup>3</sup> )
Operatives and kindred workers.....	8,077	8,001	4,477	5,030	3,227	3,071	2,489	3,021
Private household workers.....	49	45	( <sup>3</sup> )	( <sup>3</sup> )	2,386	2,147	614	1,224
Service workers, except private household.....	2,397	2,347	3,412	4,209	3,265	2,947	1,036	2,468
Farm laborers and foremen.....	1,443	1,206	1,103	1,843	535	210	412	( <sup>3</sup> )
Laborers, except farm and mine.....	2,886	2,812	2,868	3,966	83	73	( <sup>3</sup> )	( <sup>3</sup> )
Unemployed.....	3,709	3,428	2,739	4,705	1,786	1,886	1,138	( <sup>3</sup> )
In Armed Forces or not in labor force.....	13,547	9,300	1,198	( <sup>3</sup> )	41,083	14,022	654	( <sup>3</sup> )

<sup>1</sup> Based on number of persons with income. For definition of median, see headnote, table 18.

<sup>2</sup> Those who worked 35 hours or more for 50 weeks or more during previous year.

<sup>3</sup> Includes a very small number of unpaid family workers.

<sup>4</sup> Median not shown where base is less than 200,000.

<sup>5</sup> Comparable figures not available.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-60, No. 37.

# No. 455. MEAN AND MEDIAN INCOMES OF SPENDING UNITS, BY OCCUPATIONAL GROUPS: 1947 TO 1960

[In dollars. Excludes Alaska and Hawaii. See text, p. 309. For definition of spending unit, see headnote, table 442. Mean income is the average obtained by dividing aggregate money income before taxes by number of spending units. Median income is that of middle spending unit when units are ranked by size of money income before taxes. Figures beginning 1954 are high relative to prior years owing largely to a change in 1954 questionnaire that improved the reporting of income]

OCCUPATION OF HEAD OF SPENDING UNIT	1947	1950	1954	1955	1957	1958	1959	1960
<b>MEAN INCOME</b>								
All spending units.....	3, 290	3, 520	4, 420	4, 650	5, 160	5, 150	5, 660	5, 830
Professional and semiprofessional.....	5, 450	5, 630	7, 380	8, 140	8, 150	8, 270	8, 520	9, 090
Managerial and self-employed.....	6, 730	5, 700	(1)	(1)	(1)	8, 730	10, 060	9, 930
Managerial.....	(1)	6, 580	7, 480	8, 280	9, 190	9, 170	(1)	8, 860
Self-employed <sup>1</sup> .....	(1)	5, 330	8, 360	8, 180	10, 270	8, 470	(1)	10, 920
Clerical and sales.....	3, 220	3, 910	4, 420	4, 980	5, 340	5, 600	6, 280	6, 240
Skilled and semiskilled.....	3, 120	3, 530	4, 500	4, 830	5, 460	5, 470	5, 850	5, 820
Skilled.....	(1)	(1)	(1)	(1)	5, 960	6, 200	6, 430	6, 460
Semiskilled.....	(1)	(1)	(1)	(1)	4, 960	4, 790	5, 360	5, 290
Unskilled and service.....	1, 900	2, 350	2, 990	2, 840	3, 210	3, 190	3, 320	3, 530
Farm operator <sup>2</sup> .....	2, 030	2, 480	3, 020	2, 860	3, 160	3, 880	3, 450	4, 000
<b>MEDIAN INCOME</b>								
All spending units.....	2, 530	3, 000	3, 700	3, 960	4, 350	4, 400	4, 880	5, 100
Professional and semiprofessional.....	4, 000	4, 500	6, 020	6, 250	7, 000	7, 450	7, 270	7, 580
Managerial and self-employed.....	4, 500	4, 500	(1)	(1)	(1)	7, 100	8, 030	(1)
Managerial.....	(1)	4, 950	5, 860	6, 760	7, 520	7, 690	(1)	7, 680
Self-employed.....	(1)	4, 100	5, 710	6, 000	6, 380	6, 300	(1)	7, 020
Clerical and sales.....	2, 900	3, 200	3, 980	4, 300	4, 710	5, 010	5, 650	5, 540
Skilled and semiskilled.....	3, 000	3, 600	4, 390	4, 660	5, 210	5, 200	5, 710	(1)
Skilled.....	(1)	(1)	(1)	(1)	5, 800	6, 000	6, 320	6, 140
Semiskilled.....	(1)	(1)	(1)	(1)	4, 800	4, 820	5, 280	5, 180
Unskilled and service.....	1, 750	2, 100	2, 810	2, 640	2, 850	2, 840	2, 950	3, 040
Farm operator.....	1, 500	1, 900	2, 080	2, 190	2, 350	2, 800	2, 960	3, 100

<sup>1</sup> Not available.

<sup>2</sup> Changes in 1954 questionnaire resulted in overestimates of farm and nonfarm business incomes relative to earlier years. The effect is thought to have been much greater on the mean than on the median.

Source: The University of Michigan, Survey Research Center; *Survey of Consumer Finances*. Prior to 1960, sponsored by Board of Governors of Federal Reserve System and published periodically in *Federal Reserve Bulletin*.

# No. 456. AVERAGE ANNUAL EARNINGS PER EMPLOYEE, BY INDUSTRY: 1940 TO 1961

[Beginning 1960, includes Alaska and Hawaii. Data based on personal income concept. For distinction between personal income and money income, see text, p. 310. Figures are estimated averages per full-time equivalent employee and include executives' compensation, bonuses, tips, and payments in kind. See also *Historical Statistics, Colonial Times to 1957*, series D 696-707]

INDUSTRY	1940	1950	1955	1957	1958	1959	1960	1961
All industries <sup>1</sup> .....	\$1, 300	\$3, 008	\$3, 847	\$4, 205	\$4, 346	\$4, 557	\$4, 705	\$4, 857
Private industries.....	1, 201	3, 006	3, 876	4, 238	4, 349	4, 570	4, 710	4, 855
Agriculture, forestry, and fisheries.....	408	1, 349	1, 564	1, 603	1, 619	1, 683	1, 729	1, 758
Mining.....	1, 388	3, 448	4, 701	5, 218	5, 220	5, 540	5, 685	5, 337
Contract construction.....	1, 330	3, 330	4, 414	4, 023	5, 060	5, 254	5, 488	5, 692
Manufacturing.....	1, 432	3, 300	4, 351	4, 781	4, 939	5, 215	5, 342	5, 603
Wholesale and retail trade.....	1, 382	3, 034	3, 702	4, 014	4, 135	4, 301	4, 445	4, 618
Finance, insurance, and real estate.....	1, 725	3, 217	3, 968	4, 306	4, 495	4, 714	4, 840	5, 013
Transportation.....	1, 755	3, 696	4, 097	5, 243	5, 490	5, 765	5, 928	6, 044
Communications and public utilities.....	1, 718	3, 318	4, 426	4, 813	5, 063	5, 385	5, 642	5, 826
Services.....	953	2, 220	2, 867	3, 146	3, 262	3, 420	3, 587	3, 748
Government and government enterprises.....	1, 344	3, 015	3, 710	4, 048	4, 330	4, 500	4, 683	4, 866

<sup>1</sup> Includes residual classification, "rest of the world."

Source: Department of Commerce, Office of Business Economics; *National Income Supplement, 1954*, U.S. Income and Output, a supplement to the *Survey of Current Business*, and *Survey of Current Business*, July 1961 and February 1962.

# No. 457. NATIONAL WEALTH, BY TYPE OF ASSET, IN CURRENT DOLLARS: 1900 TO 1958

[In billions of dollars. Excludes Alaska and Hawaii. Data should be regarded as approximate only. Consult source for methods and sources used to derive these estimates. See text, p. 311. See also *Historical Statistics, Colonial Times to 1867*, series F 197-221. Figures for 1945 differ slightly from those in *Historical Statistics* . . . because of later revisions]

YEAR	National wealth, total	REPRODUCIBLE TANGIBLE ASSETS									
		Total	Structures <sup>1</sup>							Equipment <sup>1</sup>	
			Total	Nonfarm		Mining (under-ground)	Farm	Institutional	Government	Producer durables	Consumer durables
				Residential	Nonresidential						
1900.....	87.7	59.1	35.0	15.7	12.5	0.4	3.3	1.1	2.0	6.5	6.0
1905.....	117.1	76.5	45.6	19.2	16.8	0.6	4.2	1.5	3.3	9.0	8.3
1910.....	152.0	99.6	57.7	23.8	20.9	0.8	5.3	1.9	5.0	12.6	11.3
1915.....	191.8	126.9	72.3	29.1	25.4	1.2	6.7	2.3	7.7	17.1	15.3
1920.....	374.4	264.6	149.1	60.4	48.9	3.5	15.3	4.5	16.4	37.3	36.1
1925.....	384.2	272.0	161.4	72.6	48.7	3.9	12.5	4.7	19.0	33.8	35.8
1930.....	410.1	293.4	182.4	85.1	53.1	3.9	11.1	5.5	23.8	36.7	38.0
1935.....	344.9	256.1	163.7	70.2	47.7	3.8	8.9	4.8	23.5	29.3	25.9
1940.....	424.2	331.2	200.2	92.5	51.0	5.1	9.6	5.5	36.5	37.0	36.5
1945 <sup>2</sup> .....	570.6	441.5	265.1	124.6	69.8	7.8	15.7	6.4	50.7	50.3	51.0
1945 <sup>2</sup> .....	570.1	457.0	285.6	143.2	56.0	7.8	16.3	7.0	55.2	48.6	46.3
1950.....	1,054.6	851.8	507.3	252.5	102.7	15.8	26.8	13.0	95.4	110.0	111.3
1955.....	1,384.0	1,130.4	683.6	333.5	139.3	24.3	33.0	20.4	133.1	156.8	150.8
1958.....	1,682.9	1,367.6	833.7	392.1	170.4	31.8	36.0	26.3	168.2	199.0	178.8

YEAR	REPRODUCIBLE TANGIBLE ASSETS—Con.						LAND <sup>4</sup>				Net foreign assets
	Inventories <sup>3</sup>				Monetary gold and silver	Private			Public		
	Private			Public		Farm	Forests	Non-farm			
	Livestock	Crop	Non-farm								
1900.....	3.1	1.4	5.4	0.0	1.6	14.5	1.5	10.9	4.0	-2.3	
1905.....	3.7	1.8	6.0	0.0	2.1	22.2	1.6	13.6	5.2	-2.0	
1910.....	6.3	2.4	8.0	0.0	2.4	29.5	1.9	10.3	6.8	-2.1	
1915.....	6.4	2.9	10.0	0.0	3.0	34.8	2.4	19.4	8.6	-0.3	
1920.....	6.4	4.2	23.1	0.2	3.2	50.0	4.0	36.9	12.5	6.3	
1925.....	5.4	3.4	28.1	0.1	4.0	37.1	3.2	47.4	13.9	9.7	
1930.....	4.0	2.2	24.1	0.1	5.1	31.9	2.7	54.2	15.2	12.6	
1935.....	5.2	2.0	18.4	0.3	11.3	23.9	2.6	40.0	16.1	6.1	
1940.....	5.4	2.3	24.4	1.4	24.1	23.9	3.0	47.3	18.0	0.8	
1945 <sup>2</sup> .....	9.7	5.6	34.1	2.7	22.9	44.5	3.6	56.0	24.0	1.1	
1945 <sup>2</sup> .....	9.7	6.0	34.3	2.6	23.0	43.5	3.1	48.2	20.5	-2.3	
1950.....	17.1	7.3	69.3	2.8	26.8	58.4	11.0	83.5	35.5	13.4	
1955.....	10.7	6.7	88.8	7.1	26.1	68.9	15.0	115.0	38.4	15.4	
1958.....	18.1	8.0	95.6	8.1	25.4	87.6	13.7	148.8	40.8	24.3	

<sup>1</sup> Estimates obtained by multiplying the constant dollar figures shown in table 458 by the appropriate price index for current year. See also footnote 1 in that table.

<sup>2</sup> 1945 estimates differ from one another not only because of changes in base period (1929 vs. 1947-49) of deflator applied in transforming original cost data into current values but also because of minor changes in sources of data and methods of estimation used.

<sup>3</sup> Estimates are based on book values.

<sup>4</sup> Estimates for farm land are based on Census or similar data. For other private land, estimates are derived by application of rough ratios of land to structure values for different types of real estate. Excludes subsoil assets.

Source: For 1900 to 1945, R. W. Goldsmith, *A Study of Saving in the United States*, Princeton University Press, 1950, Vol. III, table W-1; for 1945 (revised) to 1958, *The National Wealth of the United States in the Postwar Period*, Princeton University Press for the National Bureau of Economic Research, 1962.

# No. 458. NATIONAL REPRODUCIBLE TANGIBLE ASSETS AND NET FOREIGN ASSETS, IN CONSTANT DOLLARS: 1900 TO 1958

[In billions of dollars. Excludes Alaska and Hawaii. Data should be regarded as approximate only. Consult source for methods and sources used to derive these estimates. See text, p. 311. See also *Historical Statistics, Colonial Times to 1957*, series F 222-246. Figures for 1945 differ slightly from those in *Historical Statistics* ... because of later revisions]

YEAR	REPRODUCIBLE TANGIBLE ASSETS							
	Total	Structures <sup>1</sup>						
		Total	Nonfarm		Mining (under- ground)	Farm	Institu- tional	Govern- ment
			Resi- dential	Nonresi- dential				
1929 PRICES								
1900.....	122.6	73.0	33.1	24.9	0.8	6.8	2.3	5.1
1905.....	146.2	87.5	37.3	31.0	1.1	7.9	2.9	7.2
1910.....	175.8	106.1	45.0	37.2	1.5	8.9	3.5	10.0
1915.....	202.6	123.8	52.7	41.6	2.0	10.2	4.0	13.3
1920.....	230.2	133.6	56.5	43.7	3.1	12.1	4.2	14.0
1925.....	273.3	163.0	75.1	48.8	3.8	12.2	4.8	18.3
1930.....	322.7	197.2	90.7	68.2	4.3	12.3	5.8	25.8
1935.....	297.1	189.5	85.1	52.9	4.1	10.8	5.4	31.2
1940.....	329.6	193.6	87.6	49.2	4.7	10.4	5.0	36.7
1945 <sup>2</sup> .....	331.5	185.3	84.0	44.5	5.2	10.1	4.4	37.2
1947-49 PRICES								
1945 <sup>2</sup> .....	622.3	407.9	198.5	81.5	11.3	22.2	11.6	82.7
1950.....	761.9	451.4	222.6	89.5	14.2	24.8	12.6	87.8
1955.....	928.2	533.4	262.7	103.3	19.2	27.4	15.4	105.4
1958.....	1,022.3	592.8	288.4	114.2	22.2	28.2	17.8	122.0

YEAR	REPRODUCIBLE TANGIBLE ASSETS—Continued							Net foreign assets
	Equipment <sup>1</sup>		Inventories <sup>2</sup>			Monetary gold and silver		
	Pro- ducer durables	Con- sumer durables	Private				Public	
			Livestock	Crop	Nonfarm			
1929 PRICES								
1900.....	13.5	16.6	6.4	2.6	9.2	0.0	1.3	-4.7
1905.....	18.2	19.9	6.7	3.0	9.3	0.0	1.7	-3.8
1910.....	23.1	23.7	6.6	3.2	11.2	0.0	1.9	-3.6
1915.....	26.5	25.8	7.2	3.6	13.1	0.0	2.5	-0.5
1920.....	32.4	28.2	7.2	4.1	21.5	0.2	3.1	5.1
1925.....	34.7	35.4	6.5	3.3	25.9	0.1	4.5	9.4
1930.....	39.6	43.9	6.6	2.8	28.2	0.1	4.5	13.1
1935.....	32.2	37.6	6.4	3.0	21.6	0.4	6.4	7.5
1940.....	36.2	47.0	6.7	3.4	27.2	2.0	13.4	0.9
1945 <sup>2</sup> .....	42.6	46.9	7.2	3.9	30.8	2.1	12.7	0.8
1947-49 PRICES								
1945 <sup>2</sup> .....	61.3	57.5	14.9	7.9	47.8	3.6	21.7	-2.7
1950.....	96.7	102.9	14.0	7.9	62.0	2.5	24.5	12.0
1955.....	123.8	141.3	15.0	8.4	74.4	8.5	23.6	12.5
1958.....	137.3	159.7	14.9	10.6	75.4	8.9	22.7	13.9

<sup>1</sup> Estimates derived by "perpetual inventory" method which is intended to reflect reproduction cost of different types of assets. Estimates are obtained by: (1) Reducing each year's gross capital expenditures in current prices to 1929 (or 1947-49) price level by means of appropriate construction cost or wholesale price indices; (2) depreciating gross capital expenditures in accordance with an assumed length of life for different types of assets, thus obtaining net capital expenditures for each year in 1929 (or 1947-49) prices; (3) cumulating net capital expenditures for as many years backwards as corresponds to the assumed length of life of the type of asset involved.

<sup>2</sup> 1945 estimates differ from one another not only because of changes in base period (1929 vs. 1947-49) of deflator used but also because of minor changes in sources of data and methods of estimation used.

<sup>3</sup> Estimates reflect book values reduced by means of wholesale price indices.

Source: For 1900 to 1945 (1929 prices), R. W. Goldsmith, *A Study of Saving in the United States*, Princeton University Press, 1956, Vol. III, table W-1; for 1945 (1947-49 prices) to 1958, *The National Wealth of the United States in the Postwar Period*, Princeton University Press for the National Bureau of Economic Research, 1962.

FIG. XVII. WHOLESALE PRICE INDEXES: 1947 TO 1961

[1947-49=100. Prices in primary markets. See tables 459 and 461]

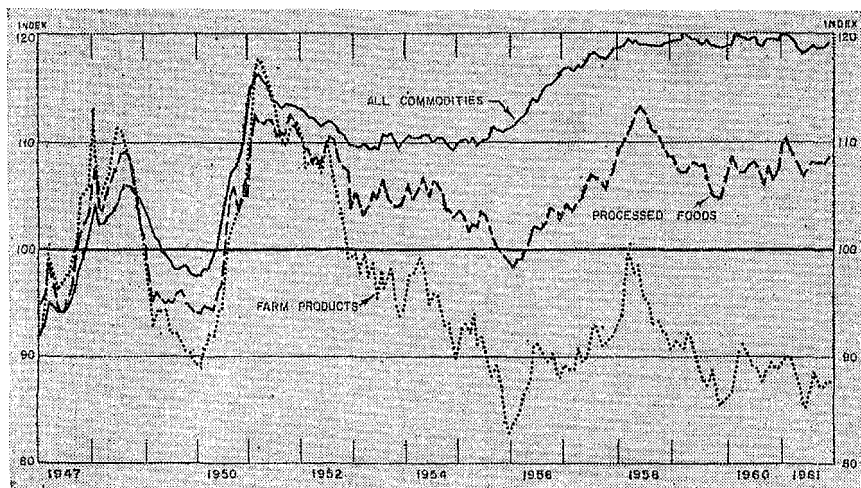
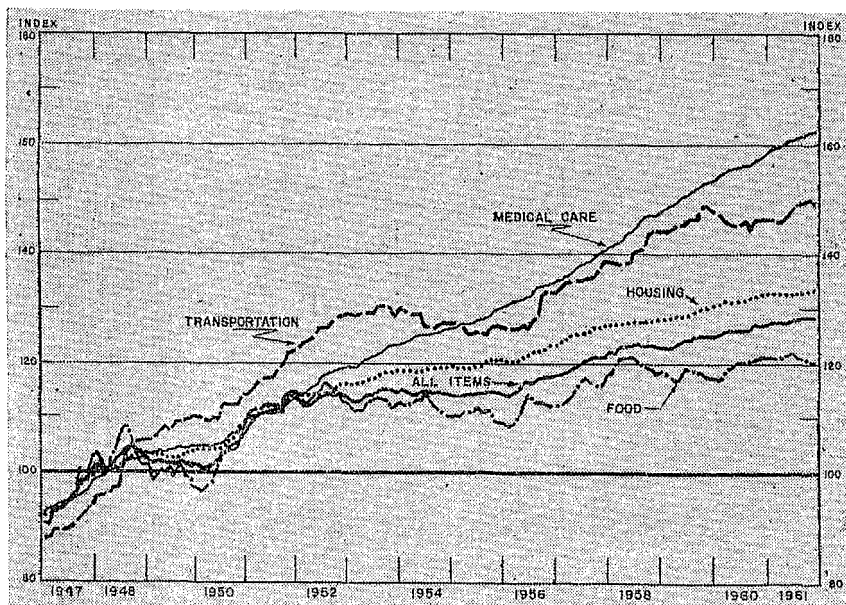


FIG. XVIII. CONSUMER PRICE INDEXES: 1947 TO 1961

[1947-49=100. See table 465]



Source of figs. XVII and XVIII: Department of Labor, Bureau of Labor Statistics.

## Section 12

### Prices

This section presents indexes of wholesale, retail, and consumer prices, as well as prices for selected commodities. The primary sources of these data are publications of the Department of Labor, Bureau of Labor Statistics, which include: *Monthly Labor Review*; *Handbook of Labor Statistics*; *Consumer Price Index* (monthly); *Retail Food Prices by Cities* (monthly); *Retail Prices and Indexes of Fuels and Electricity* (monthly); *Wholesale (Primary Market) Price Index* (monthly); and *Wholesale Prices and Price Indexes* (annual). The Statistical Reporting Service of the Department of Agriculture prepares indexes of prices received and prices paid by farmers (see text, p. 606).

The Bureau of Labor Statistics prepares weekly and monthly indexes of wholesale prices; a daily index of spot market prices of 22 commodities; and indexes of consumer prices for urban wage-earner and clerical-worker families for 46 cities, and individually for 20 large cities, as well as component indexes for food and other groups.

**Wholesale price index.**—This index, dating from 1890, is the oldest continuous statistical series published by the Bureau of Labor Statistics. It is designed to measure average changes in prices of commodities sold in primary markets in the United States.

The index has undergone 4 major revisions (see *Monthly Labor Review*, March 1962). It is now based on nearly 2,200 commodity price series instead of the nearly 1,900 included in the 1947-60 period and the 900 included prior to 1947. Prices used in constructing the index are collected directly from sellers, if possible, and apply as nearly as practicable to the first large-volume commercial transaction for each commodity—i.e., the manufacturer's or other producer's selling price, the importer's selling price, the selling price on an organized exchange or at a central market. Respondents are asked to report prices f.o.b. point of production if possible.

The weights used in the index represent the total net selling value including value of sales for export, f.o.b. production point, less interplant transfers, but plus value of imports for consumption, for the producing and processing sector of the economy. For the 1947-54 period these values were based primarily on dollar value of transactions reported in the 1947 industrial censuses. For 1955-57, weights were computed from values of primary market transactions in 1952 and 1953. For 1958-60, the weights were the net selling value of commodities in 1954. Effective January 1961, the weights are the net selling value of commodities in 1958, as reported in the 1958 Censuses of Manufactures and Minerals Industries, together with data from the Departments of Agriculture and Interior, and other sources. Also included is the value of shipments for Alaska and Hawaii, which were formerly represented by estimates of imports from these 2 States.

Beginning January 1962, the various wholesale price indexes were converted to a new base of 1957-59=100 from the previous base of 1947-49=100. The all-commodities wholesale price index series on both bases has been extended back to 1890. Monthly indexes on both bases are available for most of the major groups of commodities from January 1926. They are available on a 1926=100 base by groups from 1890 and by subgroups beginning 1913.

**Consumer price index.**—This index measures the average change in prices of goods and services purchased by city wage-earner and clerical-worker families. The weights used in calculating the index are based on studies of actual expenditures by families of wage earners and clerical workers. The quantities and qualities of the items in the

"market basket" remain the same between consecutive pricing periods, so that the index measures the effect of *price change only* on the cost of living of these families. The index does not measure changes in the total amount families spend for living; city indexes do not measure relative differences in prices or living costs between cities.

A study conducted during 1917-19 provided the weights used for 1913 to 1935. Since then, this index has undergone three major revisions, which involved bringing the "market basket" of goods and services up to date and improving the sample and methodology. From 1935 to January 1950, time-to-time changes in retail prices were weighted by 1934-36 average expenditures except for certain temporary wartime adjustments. Weights used from January 1950 to December 1952 represented estimated 1949-50 spending patterns. Beginning January 1953, the weights represent average purchases of urban wage-earner and clerical-worker families in fiscal year 1952, derived from a study of family expenditures in 1950 and estimated changes in income and prices between 1950 and fiscal 1952.

The list of items currently priced for the index includes approximately 300 goods and services. For some items, a number of different qualities are priced. The items priced are described by detailed specifications to insure that, as far as possible, the same quality is priced each time, and that differences in reported prices are measures of price change only. Sales taxes are reflected wherever applicable.

Beginning January 1953, prices are obtained in a sample of 46 cities. Foods, fuels, and a few other items are priced monthly in all cities. Prices of most other goods and services are obtained on a regular rotating cycle—monthly in the 5 largest cities and every 3 months in other cities. Rents are surveyed bimonthly in the 5 largest cities and every 3 months in other cities. Estimates are made for unpriced cities each month. Prior to January 1953, indexes were based on food prices in 56 cities monthly, and prices of other commodities in 34 cities quarterly or monthly.

Price changes for the 46 cities are combined for the United States with weights based on 1950 population of cities represented by each sample city. City indexes are compiled for 20 of the 46 cities.

**Retail food price index.**—Retail food price indexes are computed as a subgroup of the consumer price index. Weights used at various times are consistent with those for the index as a whole. In March 1943, the weights for the food index were revised to take account of changes in food purchases due to wartime shortages and rationing. In January 1946, these wartime weight adjustments were eliminated and certain other revisions made in the calculating procedures. In January 1950 and again in January 1953 the weights were revised as described above for the total consumer price index.

The indexes were computed from prices of 54 foods for the period from January 1935 to March 1943, 61 foods for the period March 1943 to June 1947, 50 foods from June 1947 to January 1950, 60 foods from January 1950 to December 1952, and 90 foods beginning January 1953.

**Comparability with other indexes.**—In comparing the movement of the indexes of consumer prices and of the prices paid by farmers for commodities bought for family living (table 874), it should be noted that the consumer price index includes rents and other services and the farm index does not, and that the list of commodities included in the two indexes and their geographic coverage differ because farm family buying differs considerably from that of city families, and farm and city workers are located in different parts of the country.

**Alaska and Hawaii.**—For a general statement concerning the treatment of data for Alaska and Hawaii, see preface. "Conterminous area" refers to the United States, excluding Alaska, Hawaii, and outlying areas.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics, Colonial Times to 1957*, series E 25-26") provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.



**No. 459. WHOLESALE PRICE INDEXES—ALL COMMODITIES AND ALL COMMODITIES EXCEPT FARM PRODUCTS AND FOODS: 1926 TO 1962**

[Wholesale indexes on the reference base 1947-49=100 are not available after January 1962. As of that month, these indexes were shifted to a new standard base, 1957-59=100. Includes Alaska and Hawaii. See text, p. 341. See also *Historical Statistics, Colonial Times to 1967*, series E 25-26]

YEAR	All commodities	All, except farm products and foods	YEAR	All commodities	All, except farm products and foods	YEAR AND MONTH	All commodities	All, except farm products and foods
1947-49=100			1947-49=100			1957-59=100		
1926.....	65.0	71.5	1944.....	67.6	70.4	1957.....	99.0	90.2
1927.....	62.0	67.2	1945.....	68.8	71.3	1958.....	100.4	99.5
1928.....	62.9	60.4	1946.....	78.7	78.3	1959.....	100.6	101.3
1929.....	61.9	65.5	1947.....	90.4	95.3	1960.....	100.7	101.3
1930.....	56.1	60.9	1948.....	104.4	103.4	1961 (prel.).....	100.3	100.8
1931.....	47.4	53.6	1949.....	99.2	101.3	January.....	101.0	101.2
1932.....	42.1	50.2	1950.....	103.1	105.0	February.....	101.0	101.2
1933.....	42.8	50.9	1951.....	114.8	115.9	March.....	101.0	101.2
1934.....	48.7	56.0	1952.....	111.6	113.2	April.....	100.5	101.1
1935.....	52.0	55.7	1953.....	110.1	114.0	May.....	100.0	100.8
1936.....	52.5	56.9	1954.....	110.3	114.5	June.....	99.5	100.6
1937.....	56.1	61.0	1955.....	110.7	117.0	July.....	99.9	100.6
1938.....	51.1	58.4	1956.....	114.3	122.2	August.....	100.1	100.6
1939.....	50.1	58.1	1957.....	117.6	125.6	September.....	100.0	100.7
1940.....	51.1	59.4	1958.....	119.2	126.0	October.....	100.0	100.5
1941.....	56.8	63.7	1959.....	119.5	128.2	November.....	100.4	100.9
1942.....	64.2	68.3	1960.....	119.0	128.3	December.....	100.4	100.9
1943.....	67.0	69.3	1961.....	119.1	127.7	1962.....		
						January.....	100.8	101.0
						February.....	100.7	100.8
						March (prel.).....	100.7	100.7

Source: Department of Labor, Bureau of Labor Statistics; monthly and annual reports, *Wholesale Prices and Price Indexes*, and *Monthly Labor Review*.

**No. 460. PURCHASING POWER OF THE DOLLAR: 1940 TO 1961**

[1947-49=100. Beginning 1961, wholesale prices include data for Alaska and Hawaii; other prices exclude them. Obtained by computing reciprocals of price indexes compiled by Department of Labor, Bureau of Labor Statistics; these reciprocals are expressed as percentages with average of base period 1947-49=100]

YEAR	MONTHLY AVERAGE AS MEASURED BY—			YEAR	MONTHLY AVERAGE AS MEASURED BY—		
	Wholesale prices	Consumer prices	Retail food prices		Wholesale prices	Consumer prices	Retail food prices
1940.....	195.7	166.9	209.2	1951.....	87.1	80.1	83.3
1941.....	176.1	159.0	191.6	1952.....	89.6	83.1	87.3
1942.....	155.8	143.5	163.1	1953.....	90.8	87.4	88.7
1943.....	149.3	135.1	146.4	1954.....	90.7	87.1	88.6
1944.....	147.9	133.0	148.4	1955.....	90.3	87.3	90.2
1945.....	145.3	130.0	145.1	1956.....	87.5	86.1	89.5
1946.....	127.1	119.9	126.6	1957.....	85.0	83.2	86.7
1947.....	103.7	104.7	104.3	1958.....	83.9	81.3	83.1
1948.....	95.8	97.3	96.1	1959.....	83.7	80.3	84.5
1949.....	100.8	98.2	100.0	1960.....	83.6	79.1	83.5
1950.....	97.0	97.3	98.8	1961.....	84.0	78.2	82.6

Source: Department of Commerce, Office of Business Economics; monthly data for wholesale and consumer prices published in *Survey of Current Business*, and records.

## No. 461. WHOLESALE PRICE INDEXES, BY COMMODITIES: 1950 TO 1962

[1947-49=100, except as indicated. Includes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series E 25-41. See text, p. 341]

COMMODITY GROUP	1950	1955	1957	1958	1959	1960	1961		1962, Jan. (prel.)
							Average (prel.)	Jan.	
All commodities.....	103.1	110.7	117.6	119.2	119.5	119.6	119.1	119.9	119.7
All commodities except farm products and foods.....	105.0	117.0	125.6	126.0	128.2	128.3	127.7	128.1	127.9
Special groups:									
All foods.....	98.5	101.0	104.0	100.5	104.4	106.0	105.9	107.5	107.3
Special metals and metal products.....	109.7	132.9	146.9	147.6	150.8	150.5	149.8	149.5	149.9
Construction materials.....	109.5	125.5	130.6	130.5	134.6	132.6	130.1	130.1	129.6
Farm products.....	97.5	89.6	90.9	94.9	89.1	88.8	87.9	89.7	89.7
Fresh and dried fruits and vege- tables.....	91.4	104.1	103.6	112.0	102.7	106.7	99.4	103.7	102.9
Grains.....	89.7	87.0	84.1	70.5	77.3	75.7	76.7	75.2	78.1
Livestock and live poultry.....	99.0	75.8	80.2	92.0	85.1	82.6	79.6	84.7	82.3
Plant and animal fibers.....	116.2	102.4	104.0	101.5	98.2	94.2	95.9	90.7	90.2
Fluid milk.....	88.7	91.5	96.0	94.6	94.4	98.0	98.7	101.1	99.0
Eggs.....	84.0	85.7	77.2	81.7	65.6	77.3	74.1	75.2	73.3
Hay, bayseeds, and oilseeds.....	89.8	84.0	82.0	76.9	76.6	74.7	84.1	79.5	81.7
Other farm products.....	127.8	142.5	144.6	140.4	132.6	128.5	129.7	128.3	130.2
Processed foods.....	99.8	101.7	105.6	110.9	107.0	107.7	108.4	109.9	109.8
Cereal and bakery products.....	99.0	116.2	116.9	117.9	119.3	121.8	124.1	123.5	126.3
Meats, poultry, and fish.....	101.5	84.8	91.9	106.7	98.2	96.7	94.4	98.3	98.2
Dairy products and ice cream.....	94.8	106.1	111.7	112.7	114.3	118.5	121.3	121.3	123.1
Canned and frozen fruits and vegetables.....	99.8	105.5	103.9	109.7	109.0	107.0	109.3	111.8	106.9
Sugar and confectionery.....	97.6	110.5	113.4	115.6	115.1	115.5	114.6	116.2	114.7
Packaged beverage materials.....	148.3	180.1	183.1	165.7	146.5	134.3	138.3	139.1	136.0
Animal fats and oils.....	71.6	67.7	75.6	72.0	54.6	58.4	63.7	65.0	56.7
Crude vegetable oils.....	75.6	62.2	65.7	60.1	53.1	49.1	61.2	57.1	57.3
Refined vegetable oils.....	75.1	71.2	70.1	67.0	58.0	56.7	70.8	64.4	73.0
Vegetable oil end products.....	82.4	81.4	86.1	82.8	74.0	73.2	83.1	77.9	83.7
Other processed foods.....	118.1	99.6	95.5	96.6	96.7	102.2	101.9	102.5	98.4
Textile products and apparel.....	99.2	95.3	95.4	93.5	95.0	96.1	94.4	94.8	94.9
Cotton products.....	99.5	91.5	90.7	88.4	91.7	94.2	90.6	90.8	92.0
Wool products.....	112.9	104.7	109.5	100.8	101.6	102.1	100.9	100.1	101.7
Man-made fiber textile products.....	95.3	86.6	82.0	80.2	81.1	79.1	75.7	77.3	75.6
Silk products.....	99.7	123.8	122.1	113.5	113.5	122.9	131.7	130.9	129.7
Apparel.....	96.3	98.5	99.6	99.3	100.0	100.9	100.6	100.5	100.8
Other textile products.....	110.5	74.5	76.4	75.2	76.8	85.2	93.9	99.2	93.5
Hides, skins, leather, and leather products.....	104.6	93.8	99.4	100.6	114.3	110.3	111.3	108.3	113.3
Hides and skins.....	103.0	56.6	55.2	57.5	90.7	68.1	73.2	61.7	74.7
Leather.....	107.0	84.6	90.2	93.3	111.8	101.5	103.9	97.8	108.8
Footwear.....	106.5	112.3	121.1	122.1	129.5	133.0	133.4	132.7	134.8
Other leather products.....	98.2	95.9	98.0	97.5	109.0	105.8	104.7	104.2	106.4
Fuel, and related products, and power.....	103.0	107.9	117.2	112.7	112.7	113.8	115.0	117.2	115.3
Coal.....	106.2	104.8	124.4	122.9	122.6	121.8	120.5	123.4	121.8
Coke.....	116.1	135.2	161.7	161.9	169.8	170.4	170.4	170.4	170.4
Gas fuels (Jan. 1958=100).....	(1)	(1)	(1)	101.7	110.9	116.6	118.6	121.1	118.1
Electric power (Jan. 1958=100).....	(1)	(1)	(1)	100.4	100.8	101.9	102.4	102.3	102.5
Crude petroleum and natural gasoline.....	107.7	119.1	130.8	131.2	127.4	126.8	127.2	126.8	127.4
Petroleum products, refined.....	102.8	111.2	125.8	114.8	114.2	115.4	117.4	121.1	117.8
Chemicals and allied products.....	96.3	106.6	109.5	110.4	109.9	110.2	109.0	109.7	108.2
Industrial chemicals.....	101.1	118.1	123.5	123.5	123.8	124.2	121.7	123.0	120.5
Prepared paint.....	92.8	114.5	126.3	128.3	128.8	128.5	132.3	131.7	132.2
Paint materials.....	96.8	96.8	100.5	103.6	101.9	103.8	101.7	104.8	99.6
Drugs and pharmaceuticals.....	92.5	92.8	93.3	94.0	93.2	94.6	91.9	92.7	90.8
Fats and oils, inedible.....	68.7	56.6	61.4	62.6	56.7	49.0	52.7	50.2	50.0
Mixed fertilizer.....	101.3	108.7	110.0	110.7	109.5	111.0	112.9	111.6	114.2
Fertilizer materials.....	101.7	112.6	106.8	108.0	106.9	109.6	111.9	112.4	113.5
Other chemicals and allied prod- ucts.....	94.6	106.0	105.7	106.8	106.6	106.7	105.5	105.4	105.5
Rubber and rubber products.....	120.5	143.8	145.2	145.0	144.5	144.7	139.3	139.7	136.6
Crude rubber.....	157.3	156.8	141.3	134.0	152.0	155.7	137.1	135.7	134.6
Tires and tubes.....	113.6	144.9	150.9	152.4	143.4	138.4	137.5	137.2	132.5
Other rubber products.....	109.9	134.4	140.9	142.7	142.2	145.6	141.8	143.6	141.1
Lumber and wood products.....	113.9	123.6	119.0	117.7	125.8	121.3	116.0	115.7	114.6
Lumber.....	114.5	124.4	119.7	118.0	127.1	121.4	115.3	114.5	114.5
Millwork.....	114.6	128.7	128.3	128.2	135.9	136.6	133.3	135.8	131.9
Plywood.....	106.5	105.4	96.4	97.1	101.2	96.1	94.0	91.7	90.5
Pulp, paper, and allied products.....	109.9	119.3	129.6	131.0	132.2	133.2	129.4	132.2	130.7
Woodpulp.....	95.6	112.9	118.8	121.2	121.2	120.0	114.4	114.5	114.4
Wastepaper.....	119.5	110.7	77.2	88.3	112.5	83.7	74.6	67.8	91.4
Paper.....	106.5	129.8	141.9	142.3	143.4	145.4	145.6	145.7	145.4
Paperboard.....	105.0	127.1	136.3	136.2	136.1	135.3	126.2	132.4	122.4
Converted paper and paperboard products.....	97.7	113.9	126.1	127.6	127.5	130.6	126.4	130.9	128.7
Building paper and board.....	107.6	130.9	141.5	143.2	146.4	145.7	144.9	145.6	142.2

<sup>1</sup> Not available.

## No. 461. WHOLESALE PRICE INDEXES, BY COMMODITIES: 1950 TO 1962—Con.

(1947-49=100, except as indicated)

COMMODITY GROUP	1950	1955	1957	1958	1959	1960	1961		1962 Jan. (prel.)
							Average (prel.)	Jan.	
<b>Metals and metal products</b>	110.3	136.6	151.2	150.4	153.6	153.8	152.9	152.2	153.0
Iron and steel	113.1	140.6	166.2	168.8	172.0	170.0	170.1	169.4	170.0
Nonferrous metals	104.1	142.7	137.4	127.7	136.1	139.0	134.2	132.1	134.5
Metal containers	109.2	132.9	151.2	155.7	153.7	153.9	156.6	156.6	159.5
Hardware	114.2	146.4	164.9	170.8	173.0	174.3	176.1	174.0	177.1
Plumbing fixtures and brass fittings	108.2	125.4	130.2	123.7	130.1	132.1	132.4	130.9	133.6
Heating equipment	105.1	115.0	122.1	121.2	121.7	118.4	115.0	114.9	114.5
Fabricated structural metal prod.	104.2	122.5	133.8	133.9	133.4	134.7	132.4	133.6	131.8
Fabricated nonstructural metal products	115.6	128.2	144.8	145.7	146.0	146.4	149.0	149.6	150.2
<b>Machinery and motive prod.</b>	108.6	128.4	146.1	149.8	153.0	153.4	153.1	153.5	153.0
Agricultural machinery and equip.	110.7	123.2	133.6	139.1	143.4	146.1	148.9	148.4	150.8
Construction mach. and equip.	111.5	137.0	159.8	166.1	171.9	175.6	178.3	177.6	178.7
Metalworking mach. and equip.	112.0	142.5	167.0	170.1	174.5	179.9	182.6	182.7	185.2
General purpose mach. and equip.	110.3	134.0	157.6	160.0	165.3	167.1	166.1	166.1	166.9
Miscellaneous machinery	107.4	129.2	145.2	148.1	149.4	150.2	151.7	151.3	152.1
Electrical machinery and equip.	106.4	128.2	149.0	162.2	154.4	154.2	151.8	153.7	150.4
Motor vehicles	107.2	122.9	135.4	130.7	142.8	140.8	140.3	140.8	139.8
<b>Furniture and other household durables</b>	105.3	115.9	122.2	123.2	123.4	123.1	122.3	122.3	122.2
Household furniture	105.2	114.0	122.5	123.0	124.1	125.1	126.6	126.1	127.5
Commercial furniture	100.7	132.0	150.4	154.6	155.2	156.8	150.2	155.9	156.7
Floor coverings	115.0	126.4	133.4	127.8	128.1	130.4	128.9	128.7	128.3
Household appliances	101.0	106.8	105.5	104.7	104.7	101.9	99.0	100.2	99.0
Television radio receivers, and phonographs	96.8	93.0	94.4	94.4	92.8	91.3	89.5	90.9	86.7
Other household durable goods	108.7	133.5	148.3	155.1	156.4	157.4	157.0	156.2	158.0
<b>Nonmetallic mineral products</b>	106.9	124.2	134.6	136.0	137.7	138.0	138.5	138.5	138.6
Flat glass	107.4	128.0	135.7	135.4	135.3	132.7	131.2	132.4	130.3
Concrete ingredients	106.8	124.8	136.0	139.0	140.3	142.1	142.3	142.2	142.2
Concrete products	105.5	118.6	126.4	128.1	129.7	131.1	131.2	131.1	131.0
Structural clay products	112.6	140.1	154.0	156.5	160.2	161.8	161.0	162.1	162.2
Gypsum products	104.6	122.1	127.1	132.1	133.1	133.2	135.7	134.6	137.3
Prepared asphalt roofing	101.3	106.1	122.3	112.8	116.4	107.3	115.5	114.2	119.7
Other nonmetallic minerals	106.8	121.2	128.0	131.2	132.4	134.2	133.4	133.5	132.7
<b>Tobacco products and bottled beverages</b>	103.5	121.6	126.1	128.2	131.4	131.8	132.6	132.1	133.5
Tobacco products	106.7	119.9	125.0	129.6	130.5	130.8	130.9	130.8	130.9
Alcoholic beverages	101.9	114.6	119.5	120.5	121.3	120.8	121.2	121.2	121.3
Nonalcoholic beverages	101.0	148.1	149.2	149.3	167.4	171.3	175.2	171.6	180.5
<b>Miscellaneous products</b>	96.6	92.0	89.6	94.2	94.5	92.1	96.4	95.6	98.5
Toys, sporting goods, small arms, and ammunition	106.0	113.5	117.7	119.0	117.5	118.3	119.1	118.4	118.6
Manufactured animal feeds	91.4	75.7	67.3	74.4	75.1	69.6	75.6	74.6	78.6
Notions and accessories	92.0	92.1	97.3	97.5	97.3	96.9	96.3	96.4	96.2
Jewelry, watches, photographic equipment	97.4	103.7	107.5	107.6	108.3	110.7	111.5	111.2	112.0
Other miscellaneous products	108.0	121.6	128.4	132.2	132.2	132.2	132.5	132.8	132.5

Source: Department of Labor, Bureau of Labor Statistics; monthly and annual reports, *Wholesale Prices and Price Indexes*, and *Monthly Labor Review*.

## No. 462. INDEXES OF SPOT PRIMARY MARKET PRICES: 1950 TO 1962

(1947-49=100. Excludes Alaska and Hawaii. Index computed daily; represents unweighted geometric average of daily price quotations of 22 commodities, traded on organized exchanges. This index is much more sensitive to changes in market conditions than is monthly or weekly wholesale price index)

DATE	All commodities	Foodstuffs	Raw industrials	Livestock and products	Metals	Textiles and fibers	Fats and oils
Number of commodities	22	9	13	5	5	4	4
1950—June 20	88.4	85.1	90.7	71.4	98.8	96.3	50.4
1951—June 19	123.3	102.3	140.0	107.8	129.4	140.4	92.8
1952—June 17	96.9	93.5	99.3	71.3	113.2	95.4	65.0
1953—June 16	86.4	85.0	86.6	59.3	98.4	90.0	54.6
1954—June 15	91.6	97.7	87.4	72.2	96.8	87.7	69.5
1955—June 14	90.4	87.8	92.1	65.0	107.0	83.7	66.6
1956—June 12	89.0	81.8	94.2	63.7	110.9	79.3	66.9
1957—June 18	89.4	83.7	93.3	70.0	104.0	84.3	67.5
1958—June 17	85.4	90.9	81.7	73.5	83.9	76.0	66.9
1959—Mar. 17	86.2	79.8	90.8	70.5	99.2	76.4	59.5
June 16	88.2	82.3	92.4	71.6	95.2	80.1	60.8
1960—Mar. 15	83.8	74.5	90.8	62.1	93.3	79.2	52.3
June 14	85.4	76.8	91.8	63.0	92.5	80.6	55.1
1961—Mar. 14	86.4	78.5	92.1	70.1	91.2	83.5	60.6
June 13	83.8	75.3	90.1	63.1	95.7	79.5	61.1
1962—Mar. 13	84.4	76.5	90.2	66.1	90.6	84.9	59.9

Source: Department of Labor, Bureau of Labor Statistics; *Daily Indexes and Spot Market Prices*.

# NO. 463. WHOLESALE PRICE INDEXES, BY STAGE OF PROCESSING AND DURABILITY OF PRODUCT: 1950 TO 1961

[1947-48=100. Includes Alaska and Hawaii. These indexes are a regrouping of the regular Wholesale Price Index Series to show price movements at various levels of production and in the various sectors of the economy. The new series comprise three major categories: (a) raw or crude materials; (b) intermediate materials, components, and supplies for further processing; (c) finished goods. Each of these three is further divided in accordance with end-use and durability. See also *Historical Statistics, Colonial Times to 1967*, series E 42-64]

ITEM	1950	1955	1956	1957	1958	1959	1960	1961 (prel.)
<b>STAGE OF PROCESSING</b>								
<b>All commodities</b> .....	<b>103.1</b>	<b>110.7</b>	<b>114.3</b>	<b>117.6</b>	<b>119.2</b>	<b>119.5</b>	<b>119.6</b>	<b>119.1</b>
Crude materials for further processing.....	101.8	94.5	95.0	97.2	99.4	96.7	94.5	93.9
Foodstuffs and feedstuffs.....	97.0	85.7	84.0	87.7	92.8	86.8	85.7	84.0
Nonfood materials, except fuel.....	111.0	110.1	114.2	112.6	108.4	112.2	107.5	103.7
For manufacturing.....	111.2	109.6	113.6	111.5	106.8	110.8	105.5	106.9
For construction.....	106.8	124.9	130.6	136.0	139.0	140.3	142.1	142.3
Fuel.....	104.6	105.8	118.3	119.7	121.2	123.4	124.4	124.2
For manufacturing industries.....	104.5	105.4	113.0	119.4	120.9	122.9	123.9	123.7
For nonmanufacturing industries.....	104.7	106.5	113.7	120.1	121.8	124.1	125.2	124.9
Intermediate materials, supplies, and components.....	104.3	117.0	122.1	125.1	125.3	127.0	127.0	126.1
Materials and components for manufacturing.....	104.5	118.2	123.7	126.9	127.2	129.0	128.9	127.4
Materials for.....								
Food manufacturing.....	94.9	97.7	98.0	99.9	102.2	98.5	99.3	102.3
Nondurable manufacturing.....	100.5	102.7	104.5	105.7	104.7	106.4	106.4	104.1
Durable manufacturing.....	111.9	130.7	148.5	153.2	154.3	157.9	158.1	155.9
Components for manufacturing.....	107.6	130.9	142.9	148.3	149.4	151.5	150.7	149.1
Materials and components for construction.....	108.9	125.6	132.0	132.9	132.0	136.5	135.5	133.6
Processed fuels and lubricants.....	99.7	103.5	106.7	113.0	106.5	106.0	108.0	110.2
For manufacturing industries.....	98.9	102.2	105.3	111.2	105.8	105.0	108.9	110.2
For nonmanufacturing industries.....	101.1	105.7	109.1	116.0	107.7	106.8	109.1	110.3
Containers, nonreturnable.....	104.4	119.8	128.5	134.3	137.4	136.7	138.6	137.4
Supplies.....	100.8	108.5	111.3	112.5	115.1	116.6	115.8	117.4
For manufacturing industries.....	108.3	127.3	132.9	137.6	139.9	143.5	149.3	147.7
For nonmanufacturing industries.....	97.6	100.0	101.6	101.1	103.4	104.1	101.0	103.4
Manufactured animal feeds.....	90.0	76.7	72.9	67.6	73.0	74.7	63.8	70.0
Other supplies.....	101.7	113.4	118.2	120.7	121.2	121.3	122.9	121.7
Finished goods <sup>1</sup> .....	102.4	110.9	114.0	118.1	120.8	120.6	121.5	121.5
Consumer goods.....	100.9	106.4	108.0	111.1	113.5	112.5	113.6	113.4
Foods.....	99.2	101.1	101.0	104.5	110.5	105.5	107.7	107.2
Crude foods.....	89.9	96.4	96.2	95.0	101.0	91.9	98.0	93.6
Processed foods.....	100.9	102.2	102.1	106.4	112.6	108.4	109.7	110.0
Other nondurable goods.....	100.8	107.8	109.9	112.4	111.7	113.4	114.1	114.2
Durable goods.....	105.0	115.9	119.7	123.3	125.0	126.5	126.1	125.5
Producer finished goods.....	108.7	128.5	138.1	146.7	160.3	153.2	153.8	153.9
For manufacturing industries.....	109.0	130.9	142.2	151.2	155.0	158.1	160.0	160.7
For nonmanufacturing industries.....	108.4	126.6	134.9	142.9	146.4	149.1	148.4	143.0
<b>DURABILITY OF PRODUCT</b>								
<b>All commodities</b> .....	<b>103.1</b>	<b>110.7</b>	<b>114.3</b>	<b>117.6</b>	<b>119.2</b>	<b>119.5</b>	<b>119.6</b>	<b>119.1</b>
Durable goods.....	108.8	128.2	136.7	141.4	142.8	145.0	145.7	145.1
Nondurable goods.....	100.1	101.2	102.1	104.7	106.4	105.0	105.3	104.9
Manufactures.....	104.1	115.0	119.5	123.2	124.5	125.5	125.8	125.3
Durable.....	108.9	128.5	136.8	142.0	144.0	147.0	147.0	146.4
Nondurable.....	100.3	104.3	105.8	108.4	109.2	108.5	103.9	103.7
Raw or slightly processed goods.....	99.9	96.6	97.0	98.9	101.6	98.9	98.6	98.1
Durable.....	105.9	121.6	136.3	122.3	108.3	114.1	107.4	109.4
Nondurable.....	99.6	95.3	94.9	97.7	101.2	98.1	98.1	97.5

<sup>1</sup> Goods to users, including raw foods and fuels.

Source: Department of Labor, Bureau of Labor Statistics; annual report, *Wholesale Prices and Price Indexes*, and *Monthly Labor Review*.

## No. 464. WHOLESALE PRICES OF SELECTED COMMODITIES: 1950 TO 1961

[In dollars per unit. Excludes prices from Alaska and Hawaii. Annual average. See also *Historical Statistics, Colonial Times to 1957*, series E 101-112, for selected items]

ITEM	1950	1955	1957	1958	1959	1960	1961 (prel.)
<b>Farm products:</b>							
Wheat, hard winter, No. 2, Kansas City.....bu..	2.225	2.256	2.201	2.026	1.978	1.993	2.014
Steers, choice <sup>1</sup> .....100 lb..	30.258	24.052	24.125	27.906	28.583	26.708	25.063
Cotton, raw <sup>2</sup> .....lb..	362	336	338	347	333	314	322
Wool, combing and staple.....do..	1.991	1.423	1.608	1.185	1.217	1.163	1.181
Eggs, extras, New York.....doz..	447	449	409	437	349	409	399
Corn, No. 2 yellow, Chicago.....bu..	1.507	1.413	1.299	1.260	1.222	1.157	1.135
<b>Processed foods:</b>							
Flour, Kansas City <sup>3</sup> .....100 lb..	5.429	5.935	5.680	5.423	5.080	4.992	5.167
Beef, choice.....do..	47.424	40.280	40.571	46.027	46.816	44.881	42.307
Milk, Chicago.....qt..	175	199	207	208	217	238	252
Sugar, granulated (excl. excise tax).....lb..	0.073	0.079	0.084	0.086	0.086	0.087	0.087
Coffee, tin.....do..	(4)	0.907	0.929	0.825	0.714	0.699	0.684
Lard, refined, cartons, Chicago.....do..	157	151	169	162	129	135	151
<b>Textile products:</b>							
Cotton sheeting, Class A.....yd..	259	5.213	205	198	213	223	215
Print cloth, 80 x 80, in gray.....do..	240	192	179	176	196	203	176
Suits, men's, medium grade.....each..	(4)	40.640	42.154	42.501	42.696	44.442	45.477
<b>Hides, skins, leather, and leather products:</b>							
Cattlehides, packer, heavy native, steer.....lb..	256	125	109	114	193	138	149
Cattlehide leather, upper workshoe elk.....sq. ft..	472	539	346	347	484	375	413
Oxfords, men's, elk or kip side upper.....pair..	4.852	5.613	5.702	5.708	6.006	(4)	5.680
<b>Fuel, power, and lighting materials:</b>							
Coal, anthracite, chestnut.....sh. ton..	12.583	(4)	14.670	14.239	14.177	13.948	13.347
Coal, bituminous, large domestic sizes.....do..	(4)	6.831	7.451	(4)	7.733	(4)	(4)
Gasoline, Oklahoma.....gal..	100	108	121	116	(4)	117	117
Distillate fuel oils, N.Y. harbor.....do..	0.083	1.01	1.11	0.08	1.00	0.095	0.099
<b>Chemicals and allied products:</b>							
Sulfuric acid.....ton..	18.054	22.350	22.350	22.350	22.350	22.350	22.350
Benzene.....gal..	253	300	300	335	310	340	328
Paint, outside.....do..	3.749	4.349	4.758	4.815	4.799	4.806	4.953
Turpentine <sup>6</sup> .....do..	531	640	662	633	535	489	332
<b>Rubber and rubber products:</b>							
Natural rubber, No. 1 ribbed, smoked sheets.....lb..	413	5.390	311	282	365	385	296
Synthetic rubber, butyl, Grade I type.....do..	186	230	230	230	230	230	230
Reclaimed rubber.....do..	090	101	110	110	110	110	115
<b>Lumber and wood products:</b>							
Softwood plywood, interior grade <sup>7</sup> .....M. sq. ft..	88.120	80.884	67.056	68.325	71.909	(4)	59.902
Flooring, maple.....M. bd. ft..	180.271	181.477	213.908	214.005	211.100	208.948	203.358
<b>Pulp, paper, and allied products:</b>							
Woodpulp, sulphate, bleached.....sh. ton..	120.150	147.625	154.375	157.000	157.000	156.208	147.500
Book paper, A grade.....100 lb..	11.661	14.800	15.717	15.939	16.283	16.853	16.950
Newsprint, standard.....ton..	101.625	125.938	139.592	134.400	134.400	134.400	134.400
Toilet tissue.....case..	6.147	7.050	7.192	7.133	7.103	7.353	7.351
Paper towels.....do..	3.263	3.742	3.950	3.950	3.981	4.110	4.123
Grocery bags.....1,000..	3.151	3.408	4.705	4.840	4.769	4.752	4.790
<b>Metals and metal products:</b>							
Iron ore, mesabi, non-Bessemer.....long ton..	7.717	10.067	11.400	11.450	11.450	11.450	11.450
Iron and steel scrap, No. 1 heavy melting <sup>8</sup> .....do..	39.133	40.542	47.067	37.792	40.250	32.058	35.333
Steel rails, standard <sup>9</sup> .....100 lb..	3.417	4.653	5.442	5.675	5.825	5.825	5.825
Copper ingot, electrolytic.....lb..	216	373	303	263	311	325	(4)
Aluminum ingot.....do..	177	237	275	269	268	(4)	255
Aluminum sheet.....do..	(4)	(4)	436	440	443	468	467
Nails, wire, 8d, common <sup>10</sup> .....100 lb..	6.343	8.180	9.596	9.828	9.825	9.596	(4)
<b>Non-metallic minerals—structural:</b>							
Brick, building.....1,000..	25.671	29.151	30.857	(4)	31.665	(4)	(4)
Glass, window, single B.....50 sq. ft..	(4)	(4)	4.415	(4)	4.386	(4)	4.560
Shingles, asphalt roofing, strip.....square..	(4)	5.305	6.131	5.611	5.792	5.261	(4)
<b>Miscellaneous:</b>							
Cigarettes, nonfilter tip (excl. excise tax).....1,000..	3.443	3.938	4.110	4.281	4.281	4.281	4.281
Soybean meal.....ton..	62.943	56.646	46.979	56.521	56.250	52.583	63.188
Bran.....do..	46.915	40.188	36.563	36.354	38.167	37.396	39.208

<sup>1</sup> Grade description changed from good to choice in January 1951 with no change in quality.

<sup>2</sup> 1950 price for 10 spot market, 15/16" middling; 1955, for 14 spot market, 15/16" middling; 1" thereafter.

<sup>3</sup> 1950-1958 prices for 100-lb. sack; bulk thereafter.

<sup>4</sup> Not available. <sup>5</sup> Break in price series caused by change in reporter sample.

<sup>6</sup> 1950 price for bulk lots, Savannah; 1955-1958, tank cars, New York; 1959, carlots or trucklots at processing plants in Georgia or Florida.

<sup>7</sup> 1950-1958 prices for 5/16" thickness; 3/4" thereafter.

<sup>8</sup> 1950-1957 prices, broker to consumer, Pittsburgh basing point; thereafter, consumers' buying price, including brokerage, delivered, Pittsburgh district.

<sup>9</sup> 1950 price, standard, heavier than 60 lb., No. 1 open hearth, f.o.b., mill; thereafter, standard, carbon steel, No. 1 open hearth, 115 lb., per linear yard, control cooled, base quantity, f.o.b. mill.

<sup>10</sup> 1950 price for nails, wire, 8d common; 1955, nails, wire, 8d common, carload lots; thereafter, packed in fiber-board boxes.

Source: Department of Labor, Bureau of Labor Statistics; *Wholesale Prices and Price Indexes*, and records.

# No. 465. CONSUMER PRICE INDEXES FOR ALL ITEMS AND COMMODITY GROUPS: 1913 TO 1962

[1947-49=100. Excludes Alaska and Hawaii. 1913 to 1952 rebased according to new groupings from adjusted series indexes on 1935-39=100, formerly published. For detailed explanation, see text, p. 341. Includes a correction of new unit bias in the rent index from 1940 to December 1949 and adjusted population and commodity weights beginning with January 1950. These adjustments make a continuous comparable series. See also *Historical Statistics, Colonial Times to 1967*, series E 113-139]

YEAR	All items	Food <sup>1</sup>	Rent	Ap- parel	YEAR	All items	Food <sup>1</sup>	Rent	Ap- parel	YEAR	All items	Food <sup>1</sup>	Rent	Ap- parel
1913	42.3	39.6	76.6	36.2	1924	73.1	60.8	125.9	65.3	1935	58.7	49.7	78.2	50.6
1914	42.0	40.5	76.6	36.5	1925	75.0	65.8	126.4	64.0	1936	59.3	50.1	80.1	51.0
1915	43.4	40.0	77.2	37.3	1926	75.6	68.0	125.2	63.0	1937	61.4	52.1	83.8	53.7
1916	46.6	45.0	78.1	40.9	1927	74.2	65.5	123.2	61.8	1938	60.3	48.4	86.5	53.4
1917	54.8	57.9	77.4	49.2	1928	73.3	64.8	120.3	60.9	1939	59.4	47.1	86.6	52.5
1918	64.8	66.5	78.8	66.6	1929	73.3	65.6	117.4	60.3	1940	59.9	47.8	86.0	53.2
1919	74.0	74.2	85.3	88.2	1930	71.4	62.4	114.2	58.9	1941	62.9	52.2	88.4	55.6
1920	85.7	83.6	100.2	105.1	1931	65.0	51.4	108.2	53.6	1942	69.7	61.3	90.4	64.0
1921	76.4	63.5	115.1	80.9	1932	58.4	42.8	97.1	47.5	1943	74.0	68.3	90.3	67.8
1922	71.6	50.4	118.5	65.7	1933	55.3	41.6	83.6	45.9	1944	75.2	67.4	90.2	72.6
1923	72.9	61.4	121.6	65.8	1934	57.2	46.4	78.4	50.2	1945	76.9	68.9	90.9	76.3
										1946	83.4	79.0	91.4	83.7

YEAR AND MONTH	All items	Food <sup>1</sup>	HOUSING						Ap- parel	Trans- por- tation	Med- ical care	Per- sonal care	Read- ing and recre- ation	Other goods and serv- ices <sup>3</sup>
			Total <sup>2</sup>	Rent	Gas and elec- tricity	Solid fuels and fuel oil	House- fur- nish- ings	House- hold operation						
1947	95.5	95.9	95.0	94.4	97.6	88.8	97.2	97.2	97.1	90.6	94.9	97.6	95.5	90.1
1948	102.8	104.1	101.7	100.7	100.0	104.4	103.2	102.6	103.5	100.9	100.9	101.3	100.4	100.5
1949	101.8	100.0	103.3	105.0	102.5	106.8	99.6	100.1	99.4	108.5	104.1	101.1	104.1	103.4
1950	102.8	101.2	106.1	108.8	102.7	110.5	100.3	101.2	98.1	111.3	106.0	101.1	103.4	108.2
1951	111.0	112.6	112.4	118.1	103.1	116.4	111.2	109.0	106.9	118.4	111.1	110.5	108.5	109.7
1952	113.5	114.6	114.6	117.9	104.5	118.7	108.5	111.8	105.8	126.2	117.2	111.8	107.0	115.4
1953	114.4	112.8	117.7	124.1	106.6	123.9	107.9	115.3	104.8	129.7	121.3	112.8	108.0	118.2
1954	114.8	112.6	119.1	128.5	107.9	123.5	106.1	117.4	104.3	128.0	125.2	113.4	107.0	120.1
1955	114.5	110.9	120.0	130.3	110.7	125.2	104.1	119.1	103.7	126.4	128.0	115.3	106.6	120.2
1956	116.2	111.7	121.7	132.7	111.8	130.7	103.0	122.9	105.5	128.7	132.6	120.0	108.1	122.0
1957	120.2	115.4	125.6	135.2	113.0	137.4	104.6	127.5	106.9	136.0	138.0	124.4	112.2	125.5
1958	123.5	120.3	127.7	137.7	117.0	134.9	103.9	131.4	107.0	140.5	144.6	128.6	116.7	127.2
1959	124.6	118.3	129.2	139.7	119.9	136.6	103.9	134.3	107.0	146.3	150.8	131.2	118.6	129.7
1960	126.5	119.7	131.5	141.8	124.8	135.6	104.2	137.4	109.4	146.2	156.2	133.3	121.5	132.2
Mar.	125.7	117.7	131.5	141.2	124.1	137.2	104.7	136.9	108.8	145.5	155.0	132.7	120.9	131.7
June	126.5	120.3	133.3	141.6	124.7	132.3	104.3	137.3	108.9	145.8	156.1	133.2	121.1	132.0
Sept.	126.8	120.2	132.0	142.1	125.7	134.8	104.1	138.0	110.6	144.7	156.9	133.9	122.1	132.7
Dec.	127.5	121.4	132.3	142.8	126.6	137.0	103.9	133.3	110.6	146.5	158.0	133.7	122.3	132.7
1961	127.8	121.1	132.5	143.6	125.8	138.5	103.6	138.9	110.2	147.9	160.9	134.0	124.1	133.2
Mar.	127.5	121.2	132.5	143.1	125.9	141.3	103.9	138.5	109.8	145.7	159.6	133.6	123.4	132.6
June	127.6	120.9	132.4	143.5	126.3	135.6	103.9	133.9	109.6	147.7	160.9	133.9	123.5	133.1
Sept.	128.3	121.1	132.6	143.9	125.7	137.2	103.8	138.9	111.1	149.4	161.7	134.3	125.0	133.8
Dec.	128.2	120.4	133.1	144.4	125.7	140.1	103.3	139.5	111.0	149.3	162.6	134.8	125.3	133.7
1962, Mar.	128.8	121.8	133.4	144.8	125.8	141.2	103.6	140.4	110.1	149.2	164.2	135.7	126.5	133.9

<sup>1</sup> Beginning January 1953, includes restaurant meals and other food bought and eaten away from home.

<sup>2</sup> Includes home purchase and other home owner costs.

<sup>3</sup> Comprises tobacco, alcoholic beverages, and miscellaneous services such as legal services, banking fees, and burial services.

## No. 466. CONSUMER PRICE INDEXES FOR SPECIAL GROUPS: 1940 TO 1962

[1947-49=100. Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1967*, series E 140-147]

YEAR AND MONTH	All items, excluding food	All items, excluding housing	COMMODITIES				SERVICES	
			Total	Excluding food			Including rent	Excluding rent
				Total	Durable	Non-durable		
1940	69.4	55.8	51.1	59.8	56.8	59.3	80.6	73.6
1945	83.4	74.8	72.3	79.7	83.7	77.6	89.0	87.0
1950	104.2	102.0	101.2	101.3	104.4	100.9	108.5	108.1
1955	116.7	112.4	109.0	107.5	105.1	110.6	129.8	130.1
1957	122.8	117.8	113.6	112.3	108.8	116.1	137.7	138.6
1958	125.5	121.2	116.3	113.4	110.5	116.9	142.4	143.8
1959	127.9	122.2	116.6	115.1	113.0	118.3	145.8	147.5
1960	130.0	124.0	117.5	115.7	111.6	120.1	150.0	152.1
1961	131.4	125.4	118.3	116.0	111.3	120.8	152.8	155.2
March	130.9	125.0	118.0	115.4	109.9	120.7	152.2	154.6
1962, March	132.5	126.4	118.7	116.3	111.8	121.2	154.8	157.1

Source of tables 465 and 466: Department of Labor, Bureau of Labor Statistics; *Monthly Labor Review*.

No. 467. CONSUMER PRICE INDEXES FOR ALL ITEMS, 1940 TO 1961, AND COMMODITY GROUPS, 1961, BY SELECTED CITIES

[1947-49=100. As of December, except where noted. For detailed explanation, see text, p. 341, and headnote, table 465]

CITY	ALL ITEMS								
	1940	1945	1950	1955	1957	1958	1959	1960	1961
Total (46 cities) <sup>1</sup> .....	60.2	77.8	106.9	114.7	121.6	123.7	125.5	127.5	128.2
Atlanta.....	59.0	77.6	<sup>2</sup> 106.6	117.1	122.4	124.4	126.4	127.7	128.0
Baltimore.....	58.5	77.4	106.5	115.8	122.1	125.5	127.2	129.3	129.6
Boston.....	61.6	77.6	106.3	<sup>3</sup> 114.5	<sup>3</sup> 122.0	<sup>3</sup> 125.4	<sup>3</sup> 126.7	<sup>3</sup> 129.1	<sup>3</sup> 130.6
Chicago.....	59.3	75.2	107.7	118.5	125.6	127.0	129.0	130.6	130.9
Cincinnati.....	59.1	77.0	105.9	114.2	120.8	122.4	123.8	125.0	124.9
Cleveland.....	59.9	77.9	<sup>2</sup> 105.4	<sup>3</sup> 116.2	<sup>3</sup> 123.3	<sup>3</sup> 124.5	<sup>3</sup> 126.4	<sup>3</sup> 127.9	<sup>3</sup> 128.1
Detroit.....	59.8	78.0	107.4	116.7	123.3	123.3	124.0	125.8	124.4
Houston.....	60.4	75.4	109.0	<sup>3</sup> 116.7	<sup>3</sup> 122.4	<sup>3</sup> 124.2	<sup>3</sup> 125.4	<sup>3</sup> 126.4	<sup>3</sup> 128.0
Kansas City, Mo.....	61.2	79.6	<sup>3</sup> 105.0	<sup>3</sup> 116.2	<sup>3</sup> 121.8	<sup>3</sup> 124.9	<sup>3</sup> 126.9	<sup>3</sup> 128.2	<sup>3</sup> 129.4
Los Angeles.....	61.2	80.2	106.8	116.3	122.9	126.5	128.9	131.0	131.9
Minneapolis.....	61.7	76.2	107.3	<sup>3</sup> 116.4	<sup>3</sup> 122.2	<sup>3</sup> 124.5	<sup>3</sup> 126.5	<sup>3</sup> 128.5	<sup>3</sup> 129.2
New York.....	61.0	79.3	106.0	112.0	118.7	121.3	124.2	126.3	126.9
Philadelphia.....	59.6	77.3	107.0	114.8	122.1	123.5	126.5	128.0	128.7
Pittsburgh.....	59.5	77.0	106.0	<sup>3</sup> 113.8	<sup>3</sup> 121.1	<sup>3</sup> 124.5	<sup>3</sup> 126.8	<sup>3</sup> 129.0	<sup>3</sup> 129.4
Portland, Oreg.....	58.8	79.6	<sup>3</sup> 106.4	<sup>3</sup> 116.2	<sup>3</sup> 121.9	<sup>3</sup> 124.5	<sup>3</sup> 126.3	<sup>3</sup> 127.2	<sup>3</sup> 129.6
St. Louis.....	60.5	77.0	107.1	116.1	122.5	125.7	126.6	127.9	129.6
San Francisco.....	59.4	79.7	106.2	115.9	124.8	127.9	131.8	133.9	135.2
Seranton.....	59.8	77.1	<sup>2</sup> 104.2	<sup>2</sup> 110.9	<sup>2</sup> 117.8	<sup>2</sup> 120.7	<sup>2</sup> 121.5	<sup>2</sup> 123.9	<sup>2</sup> 124.8
Seattle.....	59.7	79.4	<sup>2</sup> 107.1	<sup>2</sup> 117.4	<sup>2</sup> 123.9	<sup>2</sup> 125.0	<sup>2</sup> 129.2	<sup>2</sup> 130.5	<sup>2</sup> 132.9
Washington, D. C.....	60.7	79.5	<sup>2</sup> 105.7	<sup>2</sup> 113.7	<sup>3</sup> 119.4	<sup>3</sup> 121.5	<sup>3</sup> 121.7	<sup>2</sup> 123.8	<sup>3</sup> 125.4

CITY	1961												
	Food <sup>1</sup>	HOUSING						Ap- parel	Trans- por- tation	Med- ical care	Per- sonal care	Read- ing and recre- ation	Other goods and serv- ices <sup>4</sup>
		Total <sup>2</sup>	Rent	Gas and elec- tric- ity	Sold and petro- leum fuels	House fur- nish- ings	House- hold oper- ation						
Total (46 cities) <sup>1</sup> .....	120.4	133.1	144.4	125.7	140.1	103.3	139.5	111.0	149.3	162.6	134.8	125.3	133.7
Atlanta.....	117.2	135.8	142.6	135.8	141.6	106.4	143.8	115.1	147.7	151.0	142.3	125.6	133.7
Baltimore.....	121.0	129.5	141.4	109.3	141.7	98.0	138.4	113.6	163.9	177.3	133.9	130.1	140.4
Boston <sup>3</sup> .....	120.5	143.5	161.4	118.7	147.4	102.2	138.0	109.4	151.2	168.9	136.8	129.5	127.6
Chicago.....	118.6	141.7	<sup>2</sup> 169.5	130.0	141.7	103.0	140.2	113.5	156.2	173.2	139.6	123.2	123.6
Cincinnati.....	120.4	126.5	144.7	136.0	153.2	95.1	144.8	108.0	143.3	161.9	128.6	115.6	130.4
Cleveland <sup>2</sup> .....	114.1	131.2	161.3	124.1	145.3	98.0	126.1	111.6	148.0	185.1	133.2	133.6	136.6
Detroit.....	118.4	125.1	139.2	121.9	129.4	107.3	124.0	109.3	131.7	171.8	142.7	119.9	137.2
Houston <sup>2</sup> .....	116.6	132.9	138.2	136.4	-----	103.5	146.3	115.1	151.5	140.9	144.2	124.6	137.9
Kansas City, Mo. <sup>2</sup> .....	114.3	130.8	145.6	129.3	137.6	100.2	145.6	108.5	151.9	182.2	134.1	143.0	134.5
Los Angeles.....	126.9	140.6	<sup>2</sup> 162.2	148.3	-----	101.3	128.1	111.9	151.4	154.1	135.3	105.7	132.6
Minneapolis <sup>3</sup> .....	117.9	130.7	159.9	136.4	132.7	95.8	135.5	108.3	132.9	229.2	137.9	133.8	137.6
New York.....	122.3	133.0	139.6	122.6	148.5	107.7	139.5	110.6	148.1	150.9	124.9	128.5	131.9
Philadelphia.....	122.5	127.7	<sup>2</sup> 133.3	106.7	144.1	108.4	149.8	112.4	158.9	170.7	144.2	123.0	134.1
Pittsburgh <sup>3</sup> .....	121.8	132.3	137.0	144.9	136.0	109.2	152.8	108.2	165.8	176.7	123.7	118.2	133.4
Portland, Oreg. <sup>2</sup> .....	123.8	131.8	140.7	104.6	141.4	101.3	134.8	115.7	146.1	153.7	135.0	134.7	131.7
St. Louis.....	120.7	128.7	151.3	114.7	160.5	103.2	142.7	110.2	165.7	182.1	140.2	112.3	137.1
San Francisco.....	126.1	139.4	161.9	153.1	-----	106.6	132.3	112.3	169.3	163.7	131.4	124.3	134.6
Seranton <sup>2</sup> .....	116.5	126.5	136.0	124.9	141.1	97.3	123.7	113.3	149.2	138.0	140.8	174.3	127.3
Seattle <sup>2</sup> .....	124.5	136.5	153.4	85.7	139.2	103.2	142.1	114.7	167.6	159.2	142.2	121.1	150.9
Washington, D. C. <sup>2</sup> .....	120.5	124.3	135.8	133.1	146.3	99.6	143.9	108.7	149.4	161.5	133.5	127.1	138.1

<sup>1</sup> Prior to 1955, 34 cities except that indexes for food are based on prices in 51 cities in 1940 and 56 cities in 1950. Separate city indexes not compiled for 26 medium- and small-sized cities included in the national average.

<sup>2</sup> As of November. <sup>3</sup> As of October.

<sup>4</sup> Includes restaurant meals and other food bought and eaten away from home.

<sup>5</sup> Includes home purchase and other home owner costs.

<sup>6</sup> Comprises tobacco, alcoholic beverages, and miscellaneous services such as legal services, banking fees, and burial services.

Source: Department of Labor, Bureau of Labor Statistics; *Monthly Labor Review*, and records.

# **No. 468. CONSUMER PRICE INDEXES—RELATIVE IMPORTANCE OF COMMODITY GROUPS AND SERVICES (PERCENT DISTRIBUTION): 1947 TO 1961**

[Excludes Alaska and Hawaii. The relative importance of a component of the Consumer Price Index at any given time represents its expenditure weight multiplied by the relative price change from the weight date to a later period and the result expressed as a percentage of the total for all items. Changes in the relative importance of a component result from (a) major weight revisions based on comprehensive consumer expenditure surveys; (b) minor weight adjustments to take account of changes in the list of items priced; and (c) different rates of price change among the various items. In the absence of a weight revision, if prices of all items changed at the same rate, the relative importance of each item or group in the index would remain unchanged. For further explanation of the index, see text, p. 341]

COMMODITY GROUP AND SERVICES	1947-49 avg.	January 1950	December 1960	December 1961	COMMODITY GROUP AND SERVICES	1947-49 avg.	January 1950	December 1960	December 1961
All commodities.....	72.9	68.7	63.7	63.3	Apparel.....	12.6	12.8	8.8	8.8
All services.....	27.1	31.3	36.3	36.7	Men's and boys' apparel.....	4.4	3.7	2.8	2.8
Food.....	42.7	33.3	28.5	28.1	Men's apparel.....	4.1	3.2	2.4	2.5
Food at home.....	42.7	33.3	28.6	28.1	Boys' apparel.....	0.3	0.5	0.4	0.3
Cereals and bakery products.....	5.8	3.9	3.3	3.3	Women's and girls' apparel.....	4.6	5.3	3.7	3.7
Meats, poultry, and fish.....	13.4	10.6	6.7	6.6	Women's apparel.....	4.2	4.9	3.1	3.0
Dairy products.....	8.3	6.1	4.0	3.9	Girls' apparel.....	0.4	0.4	0.6	0.7
Fruits and vegetables.....	8.7	7.0	4.4	4.3	Footwear.....	3.0	2.2	1.6	1.6
Other foods at home.....	6.5	5.7	5.2	5.0	Other apparel.....	0.2	0.5	0.7	0.7
Food away from home:					Apparel services: Dry cleaning.....	0.4	1.1	(?)	(?)
Restaurant meals.....			4.9	5.0	Transportation.....	7.1	11.4	11.5	11.7
Housing.....	26.9	25.1	32.7	32.7	Private.....	4.8	7.9	9.9	10.0
Rent.....	13.5	11.6	6.2	6.2	Public.....	2.3	3.5	1.6	1.7
Home purchase and upkeep.....			12.2	12.1	Medical care.....	3.3	5.2	5.7	5.8
Gas and electricity.....	1.9	2.1	2.1	2.1	Medical care services.....	2.9	4.4	4.9	5.1
Solid fuels and fuel oil.....	2.7	1.4	1.2	1.3	Prescriptions and drugs.....	0.4	0.8	0.8	0.7
Housefurnishings.....	4.8	5.7	5.5	5.5	Personal care.....	2.5	2.4	2.3	2.3
Household operation.....	4.0	4.3	5.5	5.5	Reading and recreation.....	2.8	5.8	5.4	5.5
					Other goods and services.....	2.1	4.0	5.1	5.1

<sup>1</sup> Includes home upkeep. <sup>2</sup> Included in household operation.

Source: Department of Labor, Bureau of Labor Statistics.

# **No. 469. INDEXES OF ANNUAL BUDGET COSTS—CITY WORKER'S FAMILY AND RETIRED COUPLES, FOR 20 CITIES: 1959**

[Washington, D.C.=100. See headnote, table 470]

CITY	CITY WORKER'S FAMILY					RETIRED COUPLES				
	Total budget	Goods, rents, and services				Total budget	Goods, rents, and services			
		Total	Food and beverages <sup>1</sup>	Rent, heat, and utilities <sup>2</sup>	Other goods and services <sup>3</sup>		Total	Food and beverages <sup>1</sup>	Rent, heat, and utilities <sup>2</sup>	Other goods and services <sup>3</sup>
Atlanta.....	92	93	90	94	95	89	89	89	84	93
Baltimore.....	93	93	91	82	101	93	93	90	87	100
Boston.....	103	103	110	101	98	108	108	110	112	105
Chicago.....	107	108	104	113	108	110	110	108	116	112
Cincinnati.....	99	99	103	98	97	96	96	102	89	97
Cleveland.....	101	102	101	97	106	106	106	100	110	108
Detroit.....	99	100	105	85	105	102	102	104	93	106
Houston.....	87	89	88	77	96	87	87	88	75	94
Kansas City, Mo.....	97	98	97	91	102	100	100	97	102	99
Los Angeles.....	102	102	104	96	105	102	102	103	94	107
Minneapolis.....	101	99	98	94	103	103	103	98	104	105
New York.....	97	97	110	83	95	100	100	100	92	99
Philadelphia.....	96	96	108	78	96	95	95	109	82	96
Pittsburgh.....	101	101	112	83	103	102	102	111	94	102
Portland, Oreg.....	101	100	104	85	104	100	100	103	89	107
St. Louis.....	102	101	101	106	100	102	102	101	105	100
San Francisco.....	103	103	107	88	108	106	106	106	100	110
Scranton.....	93	93	104	71	96	88	88	104	65	94
Seattle.....	107	108	110	105	108	107	107	169	100	110
Washington, D.C.....	100	100	100	100	100	100	100	100	100	100

<sup>1</sup> Includes alcoholic beverages. For retired couples, also includes a small allowance for guest meals.

<sup>2</sup> See footnote 2, table 470.

<sup>3</sup> Includes allowances for clothing, medical care, transportation, and other goods and services.

Source: Department of Labor, Bureau of Labor Statistics; *Monthly Labor Review*, August 1960 and November 1960.



# Cost of Family Budget

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## No. 470. ANNUAL BUDGET COSTS—CITY WORKER'S FAMILY AND RETIRED COUPLES, FOR 20 CITIES: 1959

[Based on autumn prices. City worker's family consists of 38-year-old employed husband, wife not employed outside home, 13-year-old boy, and 8-year-old girl, living in a rented dwelling. Retired couple consists of retired husband and wife, 65 years old or over. Budget represents an estimate of total cost of a representative list of goods and services necessary to maintain a "modest but adequate" (not a minimum subsistence) level of living in a large city]

CITY	Total budget	GOODS, RENTS, AND SERVICES							Other costs <sup>4</sup>	Personal taxes	
		Total	Food and beverages <sup>1</sup>	Rent, heat, and utilities <sup>2</sup>	Clothing	Medical care	Transportation <sup>3</sup>	Other goods and services			
CITY WORKER'S FAMILY											
Atlanta.....	\$5,642	\$4,840	\$1,514	\$1,151	\$532	\$269	\$459	\$915	\$258	\$544	
Baltimore.....	5,718	4,850	1,525	1,004	571	278	524	948	258	610	
Boston.....	6,317	5,334	1,857	1,240	549	322	417	949	258	725	
Chicago.....	6,567	5,007	1,751	1,386	584	314	568	1,004	258	702	
Cincinnati.....	6,100	5,163	1,734	1,203	540	265	484	937	258	679	
Cleveland.....	6,199	5,305	1,695	1,191	598	349	511	961	258	636	
Detroit.....	6,072	5,201	1,701	1,040	570	353	486	961	258	613	
Houston.....	5,370	4,622	1,486	941	506	309	467	913	258	490	
Kansas City, Mo.....	5,964	5,090	1,631	1,117	560	299	525	958	258	616	
Los Angeles.....	6,285	5,325	1,747	1,178	545	424	501	930	294	606	
Minneapolis.....	6,181	5,165	1,647	1,150	580	382	484	922	258	758	
New York.....	5,970	5,048	1,853	1,013	551	282	404	945	273	640	
Philadelphia.....	5,898	4,970	1,825	954	546	316	384	945	258	670	
Pittsburgh.....	6,199	5,264	1,889	1,012	587	321	523	952	258	677	
Portland, Oreg.....	6,222	5,182	1,746	1,046	565	321	553	951	258	782	
St. Louis.....	6,266	5,271	1,694	1,298	542	297	531	909	258	737	
San Francisco.....	6,304	5,341	1,795	1,079	570	397	537	903	294	660	
Scranton.....	5,693	4,834	1,758	871	558	250	478	919	258	601	
Seattle.....	6,562	5,602	1,844	1,293	567	365	517	1,016	258	702	
Washington, D.C.....	6,147	5,199	1,684	1,226	554	304	517	914	258	690	
RETIRED COUPLES											
Atlanta.....	2,720	2,720	768	778	208	241	153	572	-----	-----	
Baltimore.....	2,840	2,840	781	802	216	247	180	614	-----	-----	
Boston.....	3,304	3,304	953	1,029	213	316	144	649	-----	-----	
Chicago.....	3,366	3,366	889	1,067	232	317	195	666	-----	-----	
Cincinnati.....	2,925	2,925	879	821	215	240	168	602	-----	-----	
Cleveland.....	3,244	3,244	860	1,015	233	327	170	639	-----	-----	
Detroit.....	3,096	3,096	809	858	226	298	170	645	-----	-----	
Houston.....	2,641	2,641	758	694	197	200	161	571	-----	-----	
Kansas City, Mo.....	3,034	3,034	841	942	221	250	175	605	-----	-----	
Los Angeles.....	3,111	3,111	894	862	213	366	166	610	-----	-----	
Minneapolis.....	3,135	3,135	846	962	231	319	162	615	-----	-----	
New York.....	3,044	3,044	945	849	215	262	134	639	-----	-----	
Philadelphia.....	2,900	2,909	939	754	213	260	133	610	-----	-----	
Pittsburgh.....	3,102	3,102	956	863	221	264	180	618	-----	-----	
Portland, Oreg.....	3,049	3,049	887	817	222	326	181	616	-----	-----	
St. Louis.....	3,099	3,099	870	970	213	273	183	590	-----	-----	
San Francisco.....	3,223	3,223	920	919	224	346	174	640	-----	-----	
Scranton.....	2,681	2,681	900	595	211	222	162	591	-----	-----	
Seattle.....	3,252	3,252	938	921	222	336	169	666	-----	-----	
Washington, D.C.....	3,047	3,047	864	921	216	271	176	599	-----	-----	

<sup>1</sup> Includes alcoholic beverages. For retired couples, also includes a small allowance for guest meals.

<sup>2</sup> Average contract rent for tenant-occupied dwellings (5 rooms for city worker's family and 2 or 3 rooms for retired couples) that conform to housing standards specified for budget plus cost of required amounts of heating fuel, gas, electricity, water, and specified equipment.

<sup>3</sup> Weighted average costs of automobile owners and nonowners.

<sup>4</sup> Includes allowances for life insurance, occupational expenses, Federal old-age and survivors insurance, and, for California and New York, employee contributions to disability insurance as required by State law.

Source: Department of Labor, Bureau of Labor Statistics; *Monthly Labor Review*, August 1960 and November 1960.

# No. 471. ANNUAL AVERAGE UNIT VALUES OF SELECTED ARTICLES IMPORTED AND EXPORTED: 1950 to 1961

[In dollars per unit. Includes trade of Alaska, Hawaii, and Puerto Rico with foreign countries. Average values obtained by dividing total value of imports for consumption or domestic exports by total quantity. Values of goods imported represent market values in foreign country from which imported. Values of goods exported represent values at port of exportation. Average 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. Also average values of agricultural exports include effects of CCC sales for exports, at prices well below U.S. market quotations, and of other Government programs]

ARTICLE	Unit	1950	1955	1957	1958	1959	1960	1961
<b>IMPORTS</b>								
Canned beef	Lb.	0.311	0.321	0.261	0.271	0.299	0.328	0.361
Goat and kid skins, dry	do.	.638	.590	.511	.562	.710	.754	.640
Cashew nuts	do.	.323	.351	.417	.381	.350	.436	.437
Cocoa (cacao beans, Africa)	do.	.234	.415	.249	.391	.349	.271	.200
Coffee (Brazil)	do.	.450	.478	.449	.412	.322	.326	.322
Coffee (Colombia)	do.	.496	.626	.636	.518	.450	.436	.410
Tea (Ceylon)	do.	.483	.580	.492	.480	.496	.513	.507
Raw sugar, over 95°, not above 99°, polarscope test	do.	.051	.052	.055	.054	.054	.053	.054
Whiskey, containers of 1 gal. or less (U.K.)	Pt. gal.	5.824	5.480	5.711	5.708	5.806	5.789	5.893
Whiskey, containers of 1 gal. or less (Canada)	do.	5.573	5.970	6.142	6.174	6.169	6.130	6.187
Crude rubber, except milk	Lb.	.249	.297	.273	.223	.290	.343	.240
Copra	do.	.088	.068	.064	.079	.067	.081	.065
Cigarette leaf, unstemmed	do.	.706	.684	.732	.734	.724	.711	.672
Jute burlap	do.	.210	.166	.163	.155	.158	.176	.210
Carpet wool, scoured	Lb. <sup>1</sup>	.682	.844	.827	.694	.691	.721	.699
Apparel wool, 60's and finer	do. <sup>1</sup>	.70	1.287	1.412	1.066	.921	1.016	.956
Sawed lumber, fir	Mil.bd. ft.	70.743	74.427	63.457	60.697	67.444	63.007	61.610
Sawed lumber, spruce	do.	79.274	79.725	74.135	73.443	77.627	72.303	70.039
Woodpulp, sulphite, bleached, exc. rayon and special chemical grades	Sh. ton	113.010	135.840	146.055	148.111	141.076	138.444	134.650
Woodpulp, sulphate, bleached	do.	121.030	138.021	145.014	144.613	145.127	141.356	132.514
Newsprint	do.	93.133	118.786	126.819	125.073	126.487	127.293	125.660
Crude petroleum, testing 25° A.P.I. or more (Venezuela)	Dbl.	( <sup>2</sup> )	2.774	2.853	2.850	2.539	2.519	2.568
Iron ore (Canada)	Long ton	6.850	7.844	8.916	9.328	9.579	9.893	10.237
Iron ore (Venezuela)	do.		6.372	7.135	7.224	7.706	9.127	9.460
Concrete reinforcement bars	Lb.	.030	.043	.050	.037	.040	.040	.042
Steel tubes and pipes, at least .065" thick, 3/4" diam.	do.	.066	.063	.084	.070	.075	.074	.071
Manganese ore, metallurgical grade	Lb. <sup>3</sup>	.023	.033	.041	.045	.040	.037	.037
Bauxite, crude	Long ton	6.252	7.017	7.889	8.018	8.227	8.139	8.722
Copper ores and concentrates	Lb. <sup>3</sup>	.191	.324	.289	.227	.285	.296	.284
Copper, refined (Chile)	do. <sup>3</sup>	.206	.360	.321	.264	.294	.305	.296
Tin bars, blocks, pigs, grain or granulated	Lb.	.810	.900	.864	.916	1.000	.980	1.083
Nickel in pigs, ingots, shot, etc.	do.	.421	.681	.783	.694	.667	.731	.730
<b>EXPORTS</b>								
Tallow, inedible	Lb.	.088	.083	.086	.086	.077	.065	.071
Corn	Bu.	1.664	1.554	1.402	1.308	1.297	1.272	1.235
Grain sorghums	do.	1.226	1.061	1.149	1.145	1.130	1.120	1.131
Milled rice, less than 75% broken kernels	Lb.	.080	.077	.076	.079	.069	.066	.060
Wheat	Bu.	1.963	1.744	1.765	1.729	1.718	1.691	1.773
Wheat flour	100 lb.	3.069	4.348	4.264	4.238	3.783	3.686	3.784
Synthetic rubber, "s" type, exc. latex (liquid)	Lb.	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	.216	.213	.215	.207
Synthetic rubber, neoprene	do.	.360	.426	.431	.425	.428	.433	.437
Soybeans	Bu.	2.590	2.502	2.475	2.351	2.295	2.268	2.571
Soybean oil, crude	Lb.	.132	.122	.149	.120	.105	.097	.123
Leaf tobacco, flue-cured, unstemmed	do.	.624	.668	.724	.732	.738	.757	.775
Cigarettes	1,000	3.102	3.672	3.074	4.240	4.310	4.323	4.354
Cotton, upland, staple, 1 1/8" to 1 3/8"	Lb.	( <sup>2</sup> )	.385	.306	.298	.264	.270	.282
Cotton, upland, staple, 1 3/8" and over	do.	.378	.409	.352	.358	.321	.312	.310
Nylon yarn, incl. monofilaments	do.	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )		1.807	1.608	1.644
Wood pulp, special alpha and dissolving grades	Sh. ton	( <sup>2</sup> )	101.358	193.753	193.538	189.216	176.517	172.177
Container board liners	Lb.	.049	.061	.063	.063	.064	.062	.060
Bituminous coal	Sh. ton	8.110	8.514	10.003	9.743	9.382	9.077	9.123
Steel scrap, No. 1, heavy melting	do.	( <sup>2</sup> )		348.739	34.988	37.168	36.500	39.287
Carbon steel sheets, cold rolled, ungalvanized	Lb.	.055	.069	.081	.080	.080	.079	.078
Aluminum metal and alloys	do.	.186	.232	.251	.230	.221	.225	.224
Copper, refined, crude forms	do.	.201	.378	.306	.248	.289	.313	.291
Polyethylene resin	do.	( <sup>2</sup> )		( <sup>2</sup> )	.311	.311	.281	.216
Styrene, polymer, and copolymer resins	do.	.290	.279	.270	.250	.245	.238	.232
Carbon black, furnace	do.	.070	.082	.081	.082	.081	.082	.082

<sup>1</sup> Clean content. <sup>2</sup> Comparable data not available. <sup>3</sup> Metal content.

<sup>4</sup> Excludes shipments for private relief or charity. <sup>5</sup> Based on July-December data.

Source: Department of Commerce, Bureau of International Programs.

## No. 472. AVERAGE RETAIL PRICES OF SELECTED FOODS: 1940 TO 1962

[In cents per pound, except as indicated. Excludes Alaska and Hawaii. Data are averages of prices reported by retail dealers in cities included in the Retail Food Index. (See footnote 3, table 473.) Number of cities also varies slightly according to availability of prices for each item. Sales taxes not included after 1945. Prices for individual cities combined on basis of population weights. See also *Historical Statistics, Colonial Times to 1957*, series E 161-176]

COMMODITY AND UNIT	1940	1945	1950	1955	1958	1959	1960	1961		1962, Mar.
								Avg.	Mar.	
<b>Cereals and bakery prod.:</b>										
Flour, wheat.....	4.3	6.4	9.8	10.8	11.0	10.9	11.1	11.2	11.3	11.3
Corn flakes..... 12 oz.	10.7	9.9	18.5	22.0	25.4	25.6	25.8	25.4	26.1	25.9
Bread.....	8.0	8.8	14.3	17.7	19.3	19.7	20.3	20.0	20.9	21.2
Soda crackers.....	15.0	18.9	(1)	27.0	29.2	29.1	29.0	29.4	29.1	30.9
<b>Meats, poultry, and fish:</b>										
Round steak.....	36.4	40.6	53.6	90.3	104.2	107.3	105.5	103.6	105.7	105.1
Sirloin steak.....	(1)	(1)	(1)	(1)	(1)	(1)	108.8	107.0	108.0	107.5
Chuck roast.....	23.5	28.1	61.6	50.1	33.3	64.1	61.6	59.4	62.3	61.0
Hamburger.....	(1)	27.4	56.6	39.5	52.9	51.9	52.4	51.2	52.3	51.5
Pork chops, center cut.....	27.9	37.1	75.4	79.3	91.8	85.3	85.8	87.0	86.8	87.3
Pork roast.....	(1)	(1)	(1)	(1)	(1)	(1)	82.8	83.0	82.8	81.9
Bacon, sliced.....	27.3	41.1	63.7	65.9	79.3	66.5	65.5	71.2	70.5	67.7
Ham, whole <sup>1</sup> .....	24.3	34.7	62.0	60.5	67.7	62.2	60.4	61.3	62.7	61.5
Lamb, leg.....	27.9	40.0	74.4	68.1	77.4	75.1	73.9	70.1	72.3	69.7
Frankfurters.....	(4)	(1)	(1)	53.1	64.8	64.0	62.3	63.1	63.2	63.0
Luncheon meat.....										
12 oz. can.....	(1)	(1)	(1)	43.0	50.1	51.4	50.4	50.8	50.3	51.3
Chickens, fryers, ready-to-cook.....	(1)	(1)	59.5	57.4	46.5	42.0	42.7	38.5	42.5	42.6
Tuna fish, 6-6½ oz. can.....	(1)	(1)	(1)	(1)	33.1	33.1	32.5	32.4	32.2	34.4
<b>Dairy products:</b>										
Milk, fresh (deliv.) qt.....	12.8	15.6	20.6	23.1	25.3	25.3	26.0	26.2	26.2	26.3
Butter.....	36.0	50.7	72.9	70.9	74.2	75.3	74.9	76.3	76.3	76.0
Cheese, Am. process <sup>2</sup> .....	25.9	35.6	61.8	57.7	58.0	63.2	34.3	30.4	30.4	36.4
<b>Fruits and vegetables:</b>										
Frozen orange juice concentrate..... 6 oz.	(1)	(1)	(1)	18.3	27.0	25.8	22.5	24.6	25.8	22.4
<b>Fresh:</b>										
Apples.....	5.2	12.6	12.0	15.1	14.7	14.2	16.2	17.3	16.6	14.8
Bananas.....	6.4	19.4	16.3	17.0	17.3	17.0	15.9	15.9	16.0	16.5
Oranges..... doz.	29.1	48.5	49.3	52.8	70.0	66.4	74.8	77.7	74.0	78.8
Potatoes.....	2.4	4.9	4.6	5.6	6.3	6.3	7.2	6.3	6.5	5.8
Onions.....	4.5	6.9	6.8	8.1	10.1	11.3	9.2	10.3	9.7	15.1
Lettuce..... head.....	8.4	12.1	13.9	16.4	17.3	18.0	17.3	16.6	14.6	20.3
Tomatoes.....	(1)	(1)	24.3	27.4	32.1	29.6	31.6	28.7	30.5	31.7
Green beans.....	11.5	19.6	21.8	22.0	23.4	25.0	25.3	24.3	27.3	23.3
<b>Canned:</b>										
Peaches, No. 2½ can.....	17.0	27.6	28.7	34.1	34.2	35.5	33.6	33.2	33.6	32.6
Peas, green <sup>3</sup> .....	13.6	13.3	(1)	21.5	21.1	20.4	20.7	22.0	21.8	22.3
Tomatoes <sup>4</sup> .....	8.5	12.2	14.7	15.1	17.0	15.5	15.9	16.9	16.2	15.8
Dried: Beans <sup>5</sup> .....	6.6	11.4	15.3	(1)	18.0	17.2	16.7	17.0	16.0	17.3
<b>Other:</b>										
Coffee <sup>6</sup> .....	21.2	30.5	79.4	93.0	90.7	78.0	75.3	73.6	74.4	71.0
Margarine.....	15.9	24.1	30.8	28.9	29.4	28.0	29.9	28.6	27.9	29.0
Shortening, hydrogenated <sup>7</sup> .....	19.0	24.6	32.8	34.9	64.4	88.2	81.9	90.0	86.8	91.0
Salad dressing..... pt.	20.7	25.1	34.7	35.3	37.8	37.6	36.0	37.4	36.5	38.4
Sugar.....	5.2	6.7	9.7	10.4	11.3	11.4	11.6	11.8	11.9	11.7
Eggs, gr. A, large, doz.....	33.1	38.1	30.4	60.6	60.4	53.0	57.8	57.3	57.8	53.8

<sup>1</sup> Not available.

<sup>2</sup> 9-month average.

<sup>3</sup> 10-month average for 1958. Effective November 1958, average price includes ready-to-eat ham.

<sup>4</sup> 1-lb. through 1959, ½ lb. thereafter.

<sup>5</sup> 11-month average.

<sup>6</sup> No. 2 can through March 1950; No. 303 can thereafter.

<sup>7</sup> No. 2 can through September 1950; No. 303 can thereafter.

<sup>8</sup> Prior to June 1955, published as navy beans.

<sup>9</sup> Average not computed; prices not comparable throughout the year.

<sup>10</sup> Beginning 1968, vacuum pack only; not comparable with earlier years.

<sup>11</sup> 1-lb. can through August 1956; 3-lb. can thereafter. 1955 average based on 7 months.

Source: Department of Labor, Bureau of Labor Statistics; *Retail Food Prices by Cities*.

# NO. 473. RETAIL PRICE INDEXES OF FOOD, BY SUBGROUPS AND FOR 20 CITIES: 1940 TO 1961

[1947-49=100, except as indicated. See text, p. 342. Represents "food at home" through 1950; thereafter, includes "food away from home." See also *Historical Statistics, Colonial Times to 1937*, series F 114-120]

ITEM	1940	1945	1950	1955	1957	1958	1959	1960	1961
Total food .....	47.8	68.9	101.2	110.9	115.4	120.3	118.3	119.7	121.1
SUBGROUPS									
Food away from home <sup>1</sup> .....				108.4	109.3	112.6	115.8	118.8	121.4
Total food at home .....	47.8	68.9	101.2	108.7	113.8	118.8	115.9	116.9	118.0
Cereals and bakery products .....	58.6	65.9	104.6	123.9	130.5	133.1	134.2	136.8	139.8
Meats, poultry, and fish .....	41.2	56.5	104.9	101.6	105.2	115.1	110.7	109.3	109.5
Dairy products .....	52.6	69.5	85.9	105.9	111.8	113.5	114.3	116.8	118.6
Fruits and vegetables .....	47.3	86.7	97.6	113.5	118.6	127.1	126.1	128.3	128.8
Other <sup>2</sup> .....			101.2	111.5	112.9	112.4	106.1	106.8	107.8
CITIES <sup>3</sup>									
Atlanta .....	46.6	69.3	99.7	110.2	113.3	118.0	115.7	117.0	117.8
Baltimore .....	45.4	69.3	101.3	111.7	116.8	120.9	118.0	119.8	121.5
Boston .....	40.9	69.4	101.6	109.5	115.0	119.7	118.7	119.4	120.6
Chicago .....	40.8	66.7	101.3	109.1	112.9	117.3	115.8	117.5	119.0
Cincinnati .....	40.4	67.7	101.4	112.0	117.8	122.1	118.8	120.5	121.5
Cleveland .....	46.6	68.4	101.0	108.9	113.4	117.2	114.1	115.8	115.9
Detroit .....	48.6	68.0	103.4	113.2	117.3	121.1	117.5	118.7	120.3
Houston .....	47.1	65.8	101.7	109.9	113.1	117.0	114.7	115.0	116.5
Kansas City, Mo. ....	48.0	69.5	99.9	106.8	111.5	114.4	112.2	112.9	114.8
Los Angeles .....	47.2	70.8	100.0	111.8	117.9	123.3	123.5	126.1	127.1
Minneapolis <sup>4</sup> .....	50.8	68.3	100.9	111.6	114.2	118.6	118.0	118.4	118.3
New York <sup>5</sup> .....	48.8	69.3	101.3	110.8	115.0	120.9	120.3	122.0	122.2
Philadelphia .....	47.7	69.5	102.0	113.0	118.5	123.1	120.9	122.1	123.1
Pittsburgh .....	46.7	67.3	101.1	111.2	116.8	121.8	119.8	121.2	122.3
Portland, Ore. ....	46.1	69.5	102.9	110.6	117.0	120.7	120.7	121.0	123.1
St. Louis .....	46.2	67.6	102.1	112.3	116.3	121.2	118.7	119.0	121.1
San Francisco .....	45.2	69.5	100.9	112.9	117.8	123.1	122.6	124.4	126.1
Seranton .....	48.2	69.0	100.3	108.3	112.7	118.4	115.4	115.5	117.0
Seattle .....	47.7	69.3	101.6	112.1	117.1	121.3	120.8	122.7	125.1
Washington, D.C. ....	48.0	69.7	100.9	111.2	116.9	121.6	119.0	120.0	121.1

<sup>1</sup> January 1953=100.

<sup>2</sup> Comprises eggs, beverages (nonalcoholic), fats and oils, sugar and sweets, and miscellaneous foods.

<sup>3</sup> Based on 51 cities for 1940, 56 cities for 1945 and 1950, and 46 cities thereafter. City indexes not compiled for 26 medium- and small-sized cities included in the national average.

<sup>4</sup> Minneapolis-St. Paul after 1950. <sup>5</sup> New York-Northeastern N.J. after 1950.

Source: Department of Labor, Bureau of Labor Statistics; *Consumer Prices in the United States, 1953-58, Monthly Labor Review*, and records.

# NO. 474. CONSUMER PRICE INDEX—RESIDENTIAL RENTS IN 20 CITIES, GROUPED BY DATE OF RENT DECONTROL: 1950 TO 1961

[1947-49=100. Annual average]

CITY	Date of decontrol <sup>1</sup>	1950	1953	1954	1955	1956	1957	1958	1959	1960	1961
Houston .....	Oct. 1949..	120.4	137.4	138.7	138.1	138.5	138.7	139.2	138.9	138.5	137.0
Los Angeles .....	Dec. 1950..	114.0	135.6	138.7	139.5	141.8	143.7	146.0	147.0	149.1	151.5
Portland, Ore. ....	do .....	108.2	127.4	129.1	130.4	132.2	135.4	136.0	137.7	138.6	140.2
Atlanta .....	Oct. 1952..	113.6	128.5	131.0	133.5	135.1	136.2	137.5	139.2	140.8	141.7
Detroit .....	do .....	106.3	129.7	138.2	141.1	144.8	147.6	147.1	144.4	142.2	140.2
Seattle .....	do .....	109.2	131.3	135.2	137.4	139.0	141.9	145.2	148.8	151.0	152.7
Seranton .....	May 1953..	107.0	119.8	122.9	123.9	125.4	127.3	129.6	131.8	133.3	135.1
Cincinnati .....	do .....	104.8	124.7	129.1	132.2	135.8	139.8	142.0	143.5	144.2	144.7
Chicago .....	July 1953..	100.2	130.2	142.7	150.7	156.0	160.3	163.9	165.6	167.4	168.9
Cleveland .....	do .....	107.3	129.4	140.6	144.2	150.6	157.0	159.8	159.8	161.0	161.7
Kansas City, Mo. ....	do .....	112.3	127.6	135.0	138.3	139.2	139.9	141.0	142.2	144.3	145.4
Minneapolis .....	do .....	109.7	125.0	138.9	141.6	145.7	149.3	152.5	154.4	157.0	159.4
Pittsburgh .....	do .....	105.8	118.4	123.2	124.5	125.8	127.7	130.1	132.1	134.7	136.5
St. Louis .....	do .....	106.9	122.8	133.5	136.5	139.5	142.5	146.1	148.2	150.4	150.9
San Francisco .....	do .....	104.6	125.3	129.3	132.3	135.3	139.5	144.7	149.7	154.8	159.6
Washington, D.C. ....	do .....	107.5	120.1	123.0	123.5	124.4	125.6	127.2	129.6	132.5	134.8
Boston .....	Dec. 1955..	107.2	118.0	121.6	124.8	132.2	137.0	142.8	148.7	154.8	160.1
Baltimore .....	Mar. 1956..	100.4	121.2	124.2	125.9	128.2	131.5	134.5	137.2	139.4	140.6
Philadelphia .....	Dec. 1956..	105.2	113.0	115.2	116.8	118.2	123.0	126.1	128.5	130.1	132.2
New York .....	( <sup>2</sup> ) .....	104.2	113.5	116.6	118.0	120.5	123.4	127.0	130.6	134.5	138.0

<sup>1</sup> Date wartime controls on rents were removed. <sup>2</sup> Still under control.

Source: Department of Labor, Bureau of Labor Statistics.

## No. 475. AVERAGE COSTS OF SPECIFIED MEDICAL SERVICES, FOR 20 CITIES: 1960

[As of most recent month available in last quarter. Based on data collected primarily for calculation in Consumer Price Index; see text, p. 341. Cost differences among cities may be due to variation in quality of service priced.]

CITY	HOSPITAL COSTS PER DAY			GENERAL PRACTITIONER		Obstetrical case <sup>1</sup>	Appendectomy <sup>1</sup>	Tonsillectomy <sup>1</sup>	Tooth filling <sup>2</sup>
	Men's pay ward	Semi-private room	Private room	Office visit	House visit				
Atlanta.....	\$12.62	\$14.62	\$17.38	\$4.24	\$7.06	\$155.67	\$158.33	\$79.17	\$4.80
Baltimore.....	17.02	18.88	21.50	4.31	5.79	176.67	180.83	90.00	4.20
Boston.....	26.62	29.88	33.25	4.64	5.91	188.83	170.83	70.83	5.00
Chicago.....	20.90	23.90	28.50	4.88	7.88	183.33	162.60	83.33	5.17
Cincinnati.....	11.50	18.75	21.00	4.00	6.06	111.08	154.17	73.00	4.00
Cleveland.....	28.40	31.83	37.33	4.72	7.50	168.83	150.00	77.50	5.17
Detroit.....	19.75	21.75	26.25	4.53	7.73	113.67	154.17	68.33	5.76
Houston.....	11.00	13.75	17.25	4.44	9.53	157.50	166.67	74.17	5.33
Kansas City, Mo.....	14.18	16.30	19.30	4.22	7.28	114.20	146.60	71.67	4.68
Los Angeles.....	24.30	26.60	30.80	6.25	11.36	179.17	237.50	112.50	5.67
Minneapolis.....	22.00	24.05	27.20	4.00	7.44	116.67	179.17	70.83	4.67
New York.....	19.50	22.60	29.10	5.50	8.22	181.50	195.83	105.83	5.33
Philadelphia.....	15.50	20.88	24.25	4.19	6.00	170.83	135.83	70.00	6.00
Pittsburgh.....	15.50	18.20	23.40	4.56	6.38	146.50	154.17	70.00	5.17
Portland, Oreg.....	20.25	22.44	24.31	4.72	8.57	157.60	179.17	79.17	6.58
San Francisco.....	20.12	28.88	33.62	5.94	9.19	185.00	246.67	100.00	8.43
Seranton.....	11.00	13.83	17.33	3.42	5.00	89.71	166.67	50.00	4.00
Seattle.....	25.00	27.88	31.75	5.18	9.06	162.17	195.83	77.50	6.67
St. Louis.....	13.75	16.00	19.50	4.28	7.39	125.00	180.00	77.00	5.17
Washington, D. C.....	17.38	19.00	23.12	4.80	7.11	154.00	146.43	69.17	7.50

<sup>1</sup> Excluding anesthetic and hospital care.

<sup>2</sup> Amalgam, 1 surface.

<sup>3</sup> Includes electroencephalogram, basal metabolism examination, transfusion service, and other specified tests.

Source: Department of Labor, Bureau of Labor Statistics.

## No. 476. RETAIL PRICE INDEXES OF FUELS AND ELECTRICITY, FOR CITIES COMBINED: 1940 TO 1961

[1947-49=100. Excludes Alaska and Hawaii. Annual averages. See also *Historical Statistics, Colonial Times to 1957*, series E 177-185]

ITEM	1940	1945	1950	1955	1957	1958	1959	1960	1961
Gas and electricity.....	103.9	100.7	102.7	110.7	113.0	117.0	110.9	124.8	125.8
Solid fuels and fuel oil.....	58.0	73.0	110.5	125.2	137.4	134.9	136.6	135.6	138.5
Gas (composite).....				115.6	119.5	126.6	130.9	139.5	141.4
Gas for space heating.....	104.3	99.0	101.6	120.6	122.8	129.9	134.3	145.7	146.5
Gas other than space heating.....	101.2	97.1	104.0	112.6	117.4	124.5	128.7	135.7	138.1
Electricity (composite).....	106.7	104.4	101.2	106.1	106.9	108.2	109.8	111.2	111.5
100 KWH.....	105.1	102.4	99.4	103.4	104.3	105.7	107.5	109.2	109.6
Bituminous coal.....	57.1	70.4	112.1	120.4	129.8	131.7	134.0	135.1	136.6
Pennsylvania anthracite.....	59.0	75.0	112.5	126.7	144.8	143.0	142.2	139.0	142.1
Petroleum fuel oil #2.....	58.6	71.7	105.1	124.4	137.2	129.3	131.1	128.8	134.0

Source: Department of Labor, Bureau of Labor Statistics; *Retail Prices and Indexes of Fuels and Electricity*.

# No. 477. COAL—AVERAGE RETAIL PRICES AND INDEXES, FOR CITIES COMBINED: 1941 TO 1962

[Excludes Alaska and Hawaii. Prices not directly comparable because of different methods of calculation and change in number of cities or dealers reporting prices over the period covered. Indexes are comparable. See also *Historical Statistics, Colonial Times to 1867*, series E 183-184, for indexes]

YEAR AND MONTH	AVERAGE PRICE PER TON OF 2,600 POUNDS			INDEX (1947-49=100)			
	Bitumi- nous <sup>1</sup>	Pennsylvania anthracite <sup>2</sup>		Bitumi- nous	Pennsylvania anthracite		
		Stove	Buckwheat No. 1		All sizes	Stove	Buckwheat No. 1
1941.....	\$0.10	\$11.92	\$8.43	60.6	62.3	62.5	58.3
1946.....	10.95	15.95	11.15	74.1	83.2	83.7	76.8
1947.....	12.09	17.23	11.05	87.6	90.3	90.8	83.3
1948.....	15.40	19.24	13.13	134.3	101.4	101.7	100.4
1949.....	15.88	20.34	13.67	108.1	108.3	107.5	116.3
1950.....	16.48	21.38	14.17	112.1	112.5	113.0	120.5
1951.....	16.87	23.70	14.81	114.0	123.4	125.2	130.0
1952.....	16.27	(3)	15.43	116.8	125.3	127.0	135.5
1953.....	14.05	20.36	17.05	119.2	134.0	134.6	153.4
1954.....	14.94	25.26	16.74	119.1	120.0	120.0	150.6
1955.....	15.10	25.08	16.03	120.4	126.7	128.1	144.2
1956.....	15.05	26.70	16.87	124.8	133.3	136.0	151.8
1957.....	16.23	28.62	19.22	123.8	144.8	146.2	173.1
1958.....	16.53	28.20	19.10	131.7	143.6	144.6	172.8
1959.....	16.89	27.89	19.04	134.0	142.2	143.0	172.8
1960.....	17.06	27.67	19.01	135.1	139.0	141.9	172.0
1961.....	17.12	28.14	19.51	135.6	142.1	144.8	170.5
March.....	17.30	28.56	20.09	137.0	145.2	146.5	181.7
June.....	16.74	27.47	18.86	132.6	137.3	140.9	170.7
September.....	17.04	27.89	19.35	135.0	140.6	143.0	175.1
December.....	17.33	28.90	19.84	137.3	147.0	148.2	179.5
1962, March.....	17.45	29.10	20.02	137.4	147.7	149.2	181.1

<sup>1</sup> Beginning 1952, weighted average price; unweighted for prior years.

<sup>2</sup> Weighted average price. <sup>3</sup> Not available.

Source: Department of Labor, Bureau of Labor Statistics; *Retail Prices and Indexes of Fuels and Electricity*.

# No. 478. AVERAGE TYPICAL RESIDENTIAL BILLS FOR ELECTRICITY IN CITIES OF 2,500 INHABITANTS OR MORE: 1940 TO 1961

[As of January 1. Beginning 1960, includes Alaska and Hawaii. 100, 250, and 500 kilowatt-hour consumptions were chosen to represent the typical usage of residential consumers who use electricity for, respectively, lighting and the operation of small appliances only; lighting, small appliances, and refrigeration; and lighting, small appliances, refrigeration, and cooking]

YEAR	AVERAGE BILL IN DOLLARS FOR—			AVERAGE BILL IN CENTS PER KILOWATT-HOUR FOR—			INDEX OF AVERAGE BILL (Jan. 1, 1935=100) FOR—		
	100 kw.- hrs.	250 kw.- hrs.	500 kw.- hrs.	100 kw.- hrs.	250 kw.- hrs.	500 kw.- hrs.	100 kw.- hrs.	250 kw.- hrs.	500 kw.- hrs.
1940.....	4.06	7.37	10.55	4.1	3.0	2.1	86.9	82.7	75.1
1945.....	3.89	7.09	10.19	3.9	2.8	2.0	83.3	79.6	73.5
1946.....	3.85	7.04	10.13	3.9	2.8	2.0	82.4	79.0	73.0
1947.....	3.75	6.93	10.03	3.8	2.8	2.0	80.3	77.8	72.3
1948.....	3.74	6.92	10.08	3.7	2.8	2.0	80.1	77.7	72.7
1949.....	3.78	7.01	10.22	3.8	2.8	2.0	80.9	78.7	73.7
1950.....	3.76	6.88	10.11	3.8	2.8	2.0	80.5	78.3	72.0
1951.....	3.74	6.95	10.02	3.7	2.8	2.0	80.1	78.0	72.2
1952.....	3.76	6.97	10.08	3.8	2.8	2.0	80.5	78.2	72.7
1953.....	3.81	7.08	10.20	3.8	2.8	2.0	81.6	79.5	73.5
1954.....	3.82	7.10	10.23	3.8	2.8	2.1	81.8	79.7	73.8
1955.....	3.86	7.18	10.30	3.9	2.9	2.1	82.7	80.6	74.3
1956.....	3.88	7.21	10.36	3.9	2.9	2.1	83.1	80.9	74.7
1957.....	3.89	7.23	10.39	3.9	2.9	2.1	83.3	81.1	74.9
1958.....	3.93	7.30	10.47	3.9	2.9	2.1	84.2	81.9	75.6
1959.....	3.98	7.36	10.51	4.0	2.9	2.1	85.2	82.6	75.8
1960.....	4.04	7.44	10.62	4.0	3.0	2.1	86.5	83.5	76.6
1961.....	4.05	7.45	10.64	4.1	3.0	2.1	86.7	83.6	76.7

Source: Federal Power Commission; annual report, *Typical Residential Electric Bills*.

# No. 479. LOWEST AND HIGHEST NET MONTHLY RESIDENTIAL ELECTRIC BILLS FOR 250 KILOWATT-HOURS USE, BY STATES: 1961

[Based on rates as of January 1 for communities of 2,500 inhabitants or more]

STATE	SERVED BY PRIVATELY OWNED UTILITIES		SERVED BY PUBLICLY OWNED UTILITIES		COMMUNITIES OF 60,000 INHABITANTS OR MORE		COMMUNITIES OF 10,000 TO 49,999 INHABITANTS		COMMUNITIES OF 2,500 TO 9,999 INHABITANTS	
	Util- ities	Com- muni- ties	Util- ities	Com- muni- ties	Low- est bills	High- est bills	Low- est bills	High- est bills	Low- est bills	High- est bills
<b>New England:</b>										
Maine.....	5	44	5	5	<sup>1</sup> \$8.78	<sup>1</sup> \$8.78	\$8.73	\$10.42	<sup>2</sup> \$7.00	\$10.42
New Hampshire.....	6	23	1	1	<sup>1</sup> 9.08	<sup>1</sup> 9.08	7.43	9.08	<sup>2</sup> 8.00	9.94
Vermont.....	3	10	1	1	( <sup>3</sup> )	( <sup>3</sup> )	<sup>2</sup> 7.29	8.25	6.75	9.54
Massachusetts.....	21	121	24	26	<sup>2</sup> 6.25	<sup>2</sup> 9.97	<sup>2</sup> 6.97	<sup>2</sup> 9.97	7.46	11.73
Rhode Island.....	3	25	1	1	8.51	8.85	8.41	8.85	8.41	8.85
Connecticut.....	6	72	6	9	6.21	9.15	<sup>2</sup> 7.00	9.24	<sup>2</sup> 7.35	9.24
<b>Middle Atlantic:</b>										
New York.....	14	326	24	25	6.78	8.92	<sup>2</sup> 4.40	9.84	<sup>2</sup> 4.79	9.84
New Jersey.....	5	292	6	8	7.41	8.40	7.41	9.65	7.41	9.65
Pennsylvania.....	15	425	23	23	6.48	8.40	6.80	9.54	6.80	<sup>2</sup> 11.04
<b>East North Central:</b>										
Ohio.....	10	259	48	50	<sup>2</sup> 6.10	8.45	<sup>2</sup> 6.00	8.45	<sup>2</sup> 5.75	<sup>2</sup> 9.75
Indiana.....	6	105	35	35	<sup>2</sup> 5.40	8.00	<sup>2</sup> 5.60	8.00	<sup>2</sup> 5.40	<sup>2</sup> 10.15
Illinois.....	11	316	31	31	<sup>2</sup> 5.70	8.02	<sup>2</sup> 6.69	<sup>2</sup> 10.25	<sup>2</sup> 6.69	<sup>2</sup> 11.10
Michigan.....	11	164	31	33	<sup>2</sup> 5.80	7.74	<sup>2</sup> 5.78	7.74	<sup>2</sup> 6.24	<sup>2</sup> 8.80
Wisconsin.....	8	98	35	36	4.85	7.10	<sup>2</sup> 4.75	7.95	<sup>2</sup> 4.70	8.25
<b>West North Central:</b>										
Minnesota.....	5	72	54	56	7.84	8.38	<sup>2</sup> 5.18	<sup>2</sup> 8.93	<sup>2</sup> 5.38	<sup>2</sup> 10.62
Iowa.....	8	77	28	28	7.26	9.25	<sup>2</sup> 5.40	9.25	<sup>2</sup> 6.00	<sup>2</sup> 10.50
Missouri.....	11	112	43	43	<sup>2</sup> 5.69	8.37	<sup>2</sup> 6.66	<sup>2</sup> 9.88	6.28	<sup>2</sup> 10.00
North Dakota.....	3	13	2	2	( <sup>3</sup> )	( <sup>3</sup> )	7.82	9.00	<sup>2</sup> 6.00	9.25
South Dakota.....	6	40	8	8	<sup>12</sup> 7.75	<sup>12</sup> 8.38	<sup>2</sup> 7.88	8.85	8.25	<sup>2</sup> 13.30
Nebraska.....	44	31	44	44	<sup>2</sup> 5.9	<sup>2</sup> 6.47	<sup>2</sup> 4.72	<sup>2</sup> 7.10	<sup>2</sup> 5.19	<sup>2</sup> 8.85
Kansas.....	7	55	34	34	<sup>2</sup> 4.95	5.85	5.19	9.60	5.19	<sup>2</sup> 11.70
<b>South Atlantic:</b>										
Delaware.....	1	4	7	7	18.25	18.25	<sup>12</sup> 8.43	<sup>12</sup> 8.43	8.25	10.52
Maryland.....	0	50	4	4	6.80	8.27	6.80	10.52	6.80	10.52
District of Columbia.....	1	1			<sup>16</sup> 6.80	<sup>16</sup> 6.80				
Virginia.....	5	86	13	14	6.80	7.70	<sup>2</sup> 5.00	7.70	7.59	<sup>2</sup> 9.35
West Virginia.....	7	56	1	1	7.15	7.15	7.15	7.65	7.15	8.00
North Carolina.....	4	81	42	47	6.36	7.50	4.50	<sup>2</sup> 8.20	<sup>2</sup> 6.27	<sup>2</sup> 8.85
South Carolina.....	5	63	18	19	6.36	7.28	<sup>2</sup> 6.15	<sup>2</sup> 7.40	<sup>2</sup> 4.99	7.28
Georgia.....	2	82	40	40	<sup>2</sup> 5.90	7.65	<sup>2</sup> 5.60	<sup>2</sup> 7.53	<sup>2</sup> 5.00	<sup>2</sup> 8.02
Florida.....	5	164	27	33	7.15	9.91	7.15	<sup>2</sup> 10.28	7.15	<sup>2</sup> 12.25
<b>East South Central:</b>										
Kentucky.....	5	69	20	20	6.16	8.45	<sup>2</sup> 3.50	8.45	<sup>2</sup> 4.13	<sup>2</sup> 9.45
Tennessee.....	3	3	69	60	<sup>2</sup> 5.00	<sup>2</sup> 5.80	<sup>2</sup> 3.50	7.10	<sup>2</sup> 3.50	7.53
Alabama.....	3	79	36	35	<sup>2</sup> 4.13	5.51	<sup>2</sup> 3.50	<sup>2</sup> 7.55	<sup>2</sup> 3.50	<sup>2</sup> 7.68
Mississippi.....	2	43	25	25	17.63	17.63	<sup>2</sup> 3.50	<sup>2</sup> 8.55	<sup>2</sup> 3.50	<sup>2</sup> 9.25
<b>West South Central:</b>										
Arkansas.....	5	51	14	14	<sup>2</sup> 7.38	8.04	<sup>2</sup> 6.70	8.70	<sup>2</sup> 6.70	8.98
Louisiana.....	6	81	26	29	<sup>2</sup> 7.16	<sup>2</sup> 9.75	<sup>2</sup> 6.75	<sup>2</sup> 9.85	<sup>2</sup> 6.75	<sup>2</sup> 10.70
Oklahoma.....	4	58	32	32	7.62	8.61	<sup>2</sup> 10.50	<sup>2</sup> 6.00	<sup>2</sup> 6.00	<sup>2</sup> 11.41
Texas.....	13	275	50	54	5.91	8.86	<sup>2</sup> 4.25	8.91	<sup>2</sup> 4.25	9.00
<b>Mountain:</b>										
Montana.....	3	27	2	2	7.53	7.53	6.00	7.53	6.00	8.25
Idaho.....	4	31	4	4	( <sup>3</sup> )	( <sup>3</sup> )	5.70	6.08	<sup>2</sup> 5.32	6.98
Wyoming.....	6	15	4	4	( <sup>3</sup> )	( <sup>3</sup> )	6.20	8.50	<sup>2</sup> 6.10	<sup>2</sup> 10.40
Colorado.....	5	33	16	19	<sup>2</sup> 6.49	8.07	<sup>2</sup> 5.85	8.89	<sup>2</sup> 5.45	8.89
New Mexico.....	5	24	9	11	17.25	17.25	<sup>2</sup> 6.75	<sup>2</sup> 9.50	<sup>2</sup> 7.00	<sup>2</sup> 10.95
Arizona.....	5	37	5	6	7.13	7.77	<sup>2</sup> 6.34	9.09	<sup>2</sup> 7.10	11.30
Utah.....	3	25	14	14	6.68	6.68	<sup>2</sup> 5.49	6.68	<sup>2</sup> 6.30	8.74
Nevada.....	4	9	3	3	5.70	7.51	4.55	7.51	<sup>2</sup> 4.30	10.62
<b>Pacific:</b>										
Washington.....	3	46	23	40	<sup>2</sup> 3.55	5.04	<sup>2</sup> 3.50	6.61	<sup>2</sup> 3.25	6.52
Oregon.....	5	51	10	12	<sup>2</sup> 3.00	5.35	4.50	7.51	<sup>2</sup> 3.75	7.51
California.....	6	375	23	44	<sup>2</sup> 4.63	8.22	<sup>2</sup> 4.63	9.40	<sup>2</sup> 4.05	9.40
Alaska.....	1	1	8	7	( <sup>3</sup> )	( <sup>3</sup> )	<sup>2</sup> 9.40	<sup>2</sup> 17.75	<sup>2</sup> 5.75	<sup>2</sup> 16.00
Hawaii.....	5	23			18.52	18.52	3.52	12.60	8.52	11.16

<sup>1</sup> Only 1 community in this population group.

<sup>2</sup> Publicly owned utility.

<sup>3</sup> No community in this population group.

Source: Federal Power Commission; annual report, *Typical Residential Electric Bills*.

# **No. 480. ELECTRICITY PRICES—NET MONTHLY BILLS FOR SPECIFIED QUANTITIES, FOR 20 CITIES: 1959 TO 1961**

[In dollars. Based on rates as of December 15 and includes all applicable taxes]

CITY	40 KW.-HRS.			100 KW.-HRS.			200 KW.-HRS.		
	1959	1960	1961	1959	1960	1961	1959	1960	1961
Atlanta.....	1.87	1.86	1.86	3.74	3.73	3.72	5.83	5.81	5.79
Baltimore.....	2.20	2.19	2.19	4.34	4.33	4.33	7.34	7.32	7.32
Boston.....	2.83	2.84	2.84	5.32	5.33	5.34	8.37	8.41	8.41
Chicago.....	2.05	2.05	2.05	4.15	4.15	4.15	6.44	6.44	6.44
Cincinnati.....	1.68	1.86	1.86	3.42	3.69	3.69	5.77	6.09	6.09
Cleveland.....	1.09	1.79	1.79	3.50	3.60	3.60	5.76	5.85	5.85
Detroit.....	2.02	2.02	2.04	3.85	3.85	3.88	6.59	6.59	6.59
Houston.....	1.43	1.44	1.43	3.02	3.05	3.12	5.06	5.12	5.23
Kansas City, Mo.....	2.19	2.19	2.19	4.23	4.23	4.23	6.94	6.94	6.94
Los Angeles.....	1.77	1.77	1.78	3.28	3.28	3.31	5.20	5.20	5.26
Minneapolis.....	1.93	1.93	1.93	3.86	3.86	3.86	6.75	6.75	6.76
New York.....	2.71	2.74	2.74	5.15	5.20	5.22	8.00	8.08	8.11
Philadelphia.....	2.37	2.37	2.37	3.93	3.93	3.93	5.80	5.80	5.80
Pittsburgh.....	2.29	2.29	2.29	4.11	4.11	4.11	6.19	6.19	6.19
Portland, Oreg.....	1.40	1.40	1.40	3.05	3.25	3.25	4.85	4.85	4.85
St. Louis.....	2.04	2.04	2.04	3.57	3.57	3.57	6.12	6.12	6.12
San Francisco.....	2.10	2.10	2.10	3.81	3.81	3.81	6.14	6.14	6.14
Seranton.....	2.44	2.44	2.44	4.08	4.08	4.08	7.43	7.43	7.43
Seattle.....	1.20	1.20	1.20	2.52	2.52	2.52	3.92	3.92	3.92
Washington, D.C.....	1.84	1.84	1.84	3.30	3.30	3.30	5.73	5.73	5.73

Source: Department of Labor, Bureau of Labor Statistics; *Retail Prices and Indexes of Fuels and Electricity*.

# **No. 481. GAS PRICES—NET MONTHLY BILLS FOR SPECIFIED QUANTITIES, FOR 20 CITIES: 1959 TO 1961**

[In dollars. Based on rates as of December 15 and includes all applicable taxes. One therm=100,000 British thermal units]

CITY AND KIND OF GAS	BILLS FOR NONHEATING USE						AVERAGE PRICE PER 100 THERMS AT HEATING RATES		
	10 therms			25 therms			1959	1960	1961
	1959	1960	1961	1959	1960	1961			
Atlanta.....natural.....	1.78	1.86	1.86	3.12	3.28	3.28	8.16	8.55	8.55
Baltimore.....do.....	2.83	2.85	2.81	4.32	4.87	4.77	-----	-----	-----
Boston.....natural and mixed.....	3.97	4.00	4.00	7.30	7.39	7.39	-----	-----	-----
Chicago.....natural.....	2.36	2.35	2.35	4.26	4.23	4.24	-----	-----	-----
Cincinnati.....do.....	1.68	1.62	1.61	2.40	2.51	2.49	7.08	8.11	8.04
Cleveland.....do.....	1.00	1.25	1.25	1.92	2.22	2.22	6.30	6.68	6.68
Detroit.....do.....	2.02	2.30	2.30	3.46	3.79	3.78	8.09	8.40	8.32
Houston.....do.....	1.94	1.94	1.98	3.02	3.03	3.09	7.10	7.34	7.40
Kansas City, Mo.....do.....	1.50	1.50	1.51	2.31	2.31	2.33	5.45	5.46	5.45
Los Angeles.....do.....	2.44	2.54	2.54	3.50	3.69	3.69	6.69	7.29	7.29
Minneapolis.....do.....	2.75	2.76	2.76	4.35	4.40	4.40	9.87	10.07	10.07
New York.....do.....	3.13	3.24	3.27	6.39	6.43	6.50	-----	-----	-----
Philadelphia.....mixed.....	1.98	2.01	2.01	4.02	4.69	4.69	-----	-----	-----
Pittsburgh.....natural.....	2.04	2.08	2.07	2.99	3.04	3.04	7.77	8.00	7.97
Portland, Oreg.....do.....	2.99	3.08	3.08	5.29	5.63	5.63	11.03	12.94	12.94
St. Louis.....do.....	1.77	1.93	1.93	3.92	4.10	4.10	8.05	8.50	8.50
San Francisco.....do.....	1.42	1.44	1.65	2.30	2.34	2.59	5.73	5.90	6.02
Seranton.....do.....	3.10	3.46	3.46	5.93	6.30	6.30	-----	-----	-----
Seattle.....do.....	4.32	4.32	4.32	6.25	6.25	6.25	-----	-----	-----
Washington, D.C.....do.....	2.38	2.41	2.33	4.73	4.81	4.02	13.58	13.89	13.12

Source: Department of Labor, Bureau of Labor Statistics; *Retail Prices and Indexes of Fuels and Electricity*.



## Section 13

### Elections

This section relates to popular participation in, and results of, Presidential, Congressional, and gubernatorial elections. Also presented are several tables concerning Congressional legislation.

Official statistics on Federal elections are collected by the Clerk of the House of Representatives and published biennially in *Statistics of the Presidential and Congressional Election* and *Statistics of the Congressional Election*. A detailed presentation of both Federal and State election statistics appears in *America Votes*, issued biennially by the Governmental Affairs Institute. Data on Federal elections also appear in the *Congressional Directory*, United States Congress, and in the official State documents (Registers, Manuals, Reports of the Secretary of State, etc.) of the separate States.

Almost all Federal, State, and local governmental units in the United States conduct elections at various intervals—annual, biennial, quadrennial, or longer—for different types of offices and other purposes. No regular and complete system exists for reporting either the number of elections held or the numbers of votes cast for candidates, except for Federal offices, and, in most States, for State offices.

The conduct of elections in the United States for Federal, State, and local offices and on State and local issues is regulated by State laws or, in some cities and a few counties, by local charters. An important exception is that the United States Constitution prescribes the basis of representation in Congress and the manner of electing the President of the United States and grants to Congress the right to regulate the times, places, and manner of electing Federal officers.

The election of the President of the United States is provided for in the Constitution, article II, section 1, through the establishment of an electoral college in each State, for each Presidential election. The method of casting the electoral vote was modified in 1804 by the adoption of the 12th Amendment to the Constitution. The number of electors, and therefore of electoral votes, is "equal to the whole number of Senators and Representatives to which the State may be entitled in Congress." The electors are elected by popular vote in all States. 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 number of members in the House of Representatives is fixed by the Congress at the time of each apportionment; since 1912, it has remained constant at 435. However, the legislation granting Statehood to Alaska and Hawaii allotted 1 Representative to each of the new States and temporarily (during 1960 to 1962) increased the total of members to 437. The total number reverted to 435 after reapportionment following the 1960 Census. The 14th Amendment to the Constitution provides that "Representatives shall be apportioned among the several States according to their respective numbers . . . ." The Constitution also requires that each State have at least 1 Representative. Members are elected for 2-year terms, all terms covering the same period.

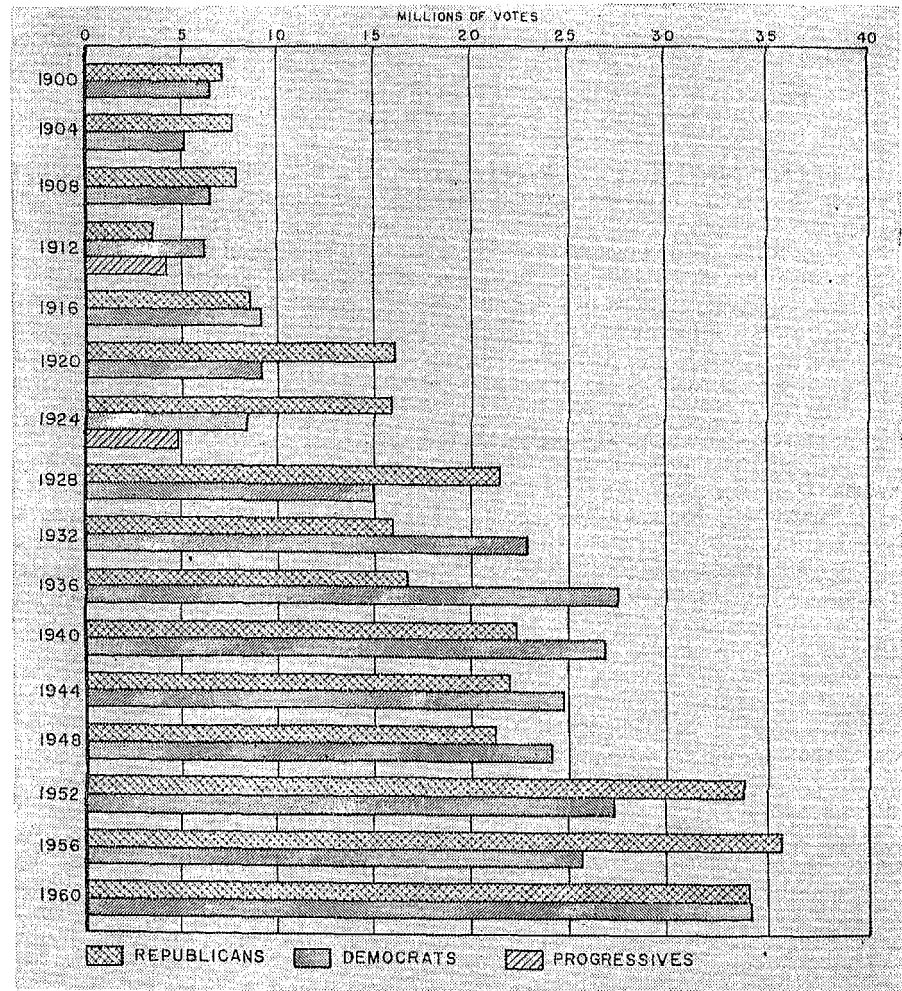
The Senate is composed of 100 members, 2 from each State, who are elected to serve for a term of 6 years. One-third of the Senate is elected every 2 years. Senators were

originally chosen by the State legislatures. The 17th Amendment to the Constitution, adopted in 1913, prescribed that Senators be elected by popular vote.

**Alaska and Hawaii.**—For a general statement concerning the treatment of data for Alaska and Hawaii, see preface.

**Historical statistics.**—Tabular headnotes (as “See also *Historical Statistics, Colonial Times to 1957*, series Y 27-31”) provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

FIG. XIX. POPULAR VOTE CAST FOR PRESIDENT, BY MAJOR PARTIES: 1900 TO 1960  
[See table 482]



Source: Chart prepared by Department of Commerce, Bureau of the Census.

# Vote for President and Representatives

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## No. 482. ELECTORAL AND POPULAR VOTE CAST FOR PRESIDENT, 1900 TO 1960, AND VOTE CAST FOR REPRESENTATIVES, 1930 TO 1960, BY POLITICAL PARTIES

[Excludes Alaska and Hawaii, except as noted. Includes vote cast for major party candidates endorsed by minor parties. See also *Historical Statistics, Colonial Times to 1957*, series Y 27-31 and Y 146-149]

YEAR	VOTE CAST FOR PRESIDENT										
	Total popular vote <sup>1</sup>	Republican Party				Electoral vote	Democratic Party				
		Candidate	Popular vote		Candidate		Popular vote		Electoral vote		
			Number	Percent			Number	Percent			
1900.....	1,000	McKinley.....	1,000	7,218	51.7	292	Bryan.....	1,000	6,357	45.5	155
1904.....	13,968	T. Roosevelt.....	7,628	56.4	336	Parker.....	5,984	37.6	140		
1908.....	14,884	Taft.....	7,675	51.6	321	Bryan.....	6,412	43.1	162		
1912.....	16,037	do.....	3,487	23.2	8	Wilson.....	6,297	41.9	435		
1916.....	18,531	Hughes.....	8,534	46.1	254	do.....	9,128	49.3	277		
1920.....	26,748	Harding.....	16,143	60.4	404	Cox.....	9,130	34.1	122		
1924.....	29,086	Coolidge.....	15,718	54.0	382	Davis.....	8,385	28.8	136		
1928.....	36,812	Hoover.....	21,392	58.1	444	Smith.....	15,016	40.8	87		
1932.....	39,732	do.....	15,759	39.7	59	F. D. Roosevelt.....	22,810	57.4	472		
1936.....	45,643	Landon.....	16,675	36.5	8	do.....	27,753	60.8	623		
1940.....	40,891	Willkie.....	22,321	44.7	82	do.....	27,308	54.7	449		
1944.....	47,969	Dewey.....	22,015	45.9	99	do.....	25,607	53.4	432		
1948.....	48,691	do.....	21,970	45.1	189	Truman.....	24,106	49.5	303		
1952.....	61,303	Eisenhower.....	33,848	55.2	442	Stevenson.....	27,307	44.5	89		
1956.....	62,015	do.....	35,599	57.4	457	do.....	26,017	42.9	73		
1960.....	68,836	Nixon.....	34,108	49.5	219	Kennedy.....	34,227	49.7	303		

YEAR	VOTE CAST FOR PRESIDENT—CON.				YEAR	VOTE CAST FOR REPRESENTATIVES <sup>1</sup>				
	Socialist and Soc.-Labor	Misc. independent <sup>2</sup>	Prohibition	Communist		Total <sup>3</sup>	Republican		Democratic	
							Number	Percent	Number	Percent
1900.....	1,000	1,000	1,000	1,000	1930.....	1,000	1,000	1,000	44.6	
1904.....	128	56	209	58	1932.....	24,777	13,032	52.6	11,044	
1908.....	434	117	259	58	1936.....	37,667	15,675	41.4	20,540	
1912.....	435	108	254	58	1940.....	32,256	13,558	42.0	17,385	
1916.....	929	4,119	206	103	1944.....	42,886	17,003	39.6	23,944	
1920.....	599	40	221	80	1948.....	36,236	17,047	47.0	17,612	
1924.....	952	334	180	46	1952.....	46,951	21,393	45.6	24,092	
1928.....	436	4,853	58	36	1956.....	28,074	14,203	50.6	12,934	
1932.....	289	74	20	21	1960.....	45,103	21,303	47.2	22,808	
1936.....	915	63	82	103	1960.....	34,398	18,400	53.5	15,221	
1940.....	200	897	38	80	1948.....	45,933	20,920	45.5	23,820	
1944.....	114	44	58	46	1950.....	40,342	19,750	49.0	19,785	
1948.....	126	146	75	58	1952.....	57,571	28,431	49.4	28,605	
1952.....	169	2,343	103	73	1954.....	42,580	20,034	47.0	22,347	
1956.....	50	26	73	73	1956.....	58,426	28,449	48.7	29,850	
1960.....	46	314	42	46	1958.....	45,819	19,915	43.5	25,720	
1960.....	46	410	46	46	1960.....	64,137	28,755	44.8	35,092	

<sup>1</sup> Includes votes for minor party candidates, independents, unpledged electors, and scattered write-in votes.

<sup>2</sup> Includes Alaska and Hawaii.

<sup>3</sup> Mainly Progressive in 1912 and 1924, States Rights and Progressive in 1948.

<sup>4</sup> Socialist-Labor only.

<sup>5</sup> Includes 4,831,289 votes cast for La Follette, official candidate for the Progressive Party.

<sup>6</sup> Workers Party.

<sup>7</sup> See also table 439.

<sup>8</sup> Includes minor party votes.

<sup>9</sup> Although the Republican Party received 50.6 percent of the total vote cast, the Democratic Party won a greater number of individual contests for Representatives (221 as against 210 for the Republicans), and thereby retained control of the House of Representatives.

Source: 1900-1932, Edgar Eugene Robinson; *The Presidential Vote*, Stanford University Press, Stanford, 1934. 1936-1944, Edgar Eugene Robinson; *They Voted for Roosevelt*, Stanford University Press, Stanford, 1947. 1948-1956, Governmental Affairs Institute, Washington, D.C.; *America Votes*. 1960 for President, and 1956-1960 for Representatives, U.S. Congress, Clerk of the House, *Statistics of the Presidential and Congressional Election of Nov. 6, 1956*, *Statistics of the Congressional Election of Nov. 4, 1958*, and *Statistics of the Presidential and Congressional Election of Nov. 8, 1960*. (For some years, figures have been revised by Governmental Affairs Institute.)

# No. 483. POPULAR VOTE CAST FOR PRESIDENTIAL ELECTORS, AND PERCENT OF VOTE FOR MAJORITY PARTY, BY STATES: 1936 TO 1952

[In thousands. D=Democratic, R=Republican. Majority party vote refers to the party vote representing either a majority or a plurality for the victorious party. See also table 482; for current figures, see table 484. See also *Historical Statistics, Colonial Times to 1957*, series Y 80-128]

STATE	1936		1940		1944		1948		1952	
	Vote	Per- cent for ma- jority party	Vote	Per- cent for ma- jority party	Vote	Per- cent for ma- jority party	Vote	Per- cent for ma- jority party	Vote	Per- cent for ma- jority party
Total <sup>1</sup> .....	45,643	D-60.8	49,891	D-54.7	47,969	D-53.4	48,691	D-49.5	61,303	R-55.2
Alabama.....	276	D-86.4	294	D-85.2	245	D-81.3	215	(3)	425	D-64.9
Arizona.....	124	D-69.9	150	D-63.5	138	D-58.8	177	D-53.8	261	R-53.3
Arkansas.....	179	D-81.8	200	D-78.5	213	D-70.0	242	D-61.7	405	D-55.9
California.....	2,638	D-67.0	3,269	D-57.5	3,521	D-56.5	4,022	D-47.6	5,019	R-56.7
Colorado.....	489	D-60.4	549	R-50.9	505	R-53.2	515	D-51.9	625	R-60.3
Connecticut.....	691	D-55.3	782	D-53.4	832	D-52.3	884	R-49.5	1,003	R-55.9
Delaware.....	128	D-54.6	136	D-54.7	125	D-54.4	139	R-50.0	174	R-51.8
Florida.....	327	D-76.1	485	D-74.0	483	D-70.3	578	D-48.8	974	R-54.6
Georgia.....	293	D-87.1	313	D-84.8	328	D-81.7	419	D-60.8	651	D-69.5
Idaho.....	200	D-63.0	235	D-64.4	208	D-51.6	215	D-50.0	276	R-65.4
Illinois.....	3,957	D-57.7	4,218	D-51.0	4,036	D-51.5	3,984	D-50.1	4,459	R-55.0
Indiana.....	1,661	D-56.6	1,783	R-50.5	1,672	R-52.4	1,656	R-49.6	1,955	R-58.1
Iowa.....	1,143	D-54.4	1,215	R-52.0	1,053	R-52.0	1,038	D-50.3	1,246	R-64.0
Kansas.....	869	D-53.8	860	R-50.9	734	R-60.2	789	R-53.6	890	R-60.3
Kentucky.....	923	D-58.4	968	D-57.5	868	D-54.5	823	D-56.7	991	D-50.0
Louisiana.....	330	D-88.8	372	D-85.9	349	D-80.6	416	(3)	652	D-52.9
Maine.....	304	R-55.5	321	R-51.1	296	R-52.4	265	R-56.7	351	R-60.2
Maryland.....	625	D-62.3	660	D-58.3	608	D-51.9	697	D-49.4	897	R-56.7
Massachusetts.....	1,840	D-51.2	2,027	D-53.1	1,961	D-52.8	2,107	D-54.7	2,381	R-54.3
Michigan.....	1,805	D-56.3	2,088	R-49.9	2,205	D-50.2	2,110	R-49.2	2,782	R-55.8
Minnesota.....	1,130	D-61.8	1,251	D-51.5	1,126	D-52.4	1,212	D-57.2	1,379	R-55.3
Mississippi.....	162	D-67.1	176	D-65.7	180	D-68.0	192	(3)	286	D-60.5
Missouri.....	1,829	D-60.8	1,834	D-52.3	1,672	D-51.4	1,579	D-58.1	1,897	R-50.8
Montana.....	231	D-69.3	248	D-58.8	207	D-54.3	224	D-53.1	265	R-59.4
Nebraska.....	608	D-57.1	616	R-67.2	563	R-58.6	489	R-54.2	610	R-69.2
Nevada.....	44	D-72.8	53	D-60.2	54	D-54.6	62	D-50.4	82	R-61.4
New Hampshire.....	218	D-49.7	235	D-53.2	230	D-52.1	231	R-52.4	273	R-60.9
New Jersey.....	1,819	D-59.6	1,974	D-51.5	1,964	D-50.3	1,950	R-50.3	2,423	R-56.8
New Mexico.....	169	D-62.7	183	D-56.7	152	D-53.5	187	D-56.1	239	R-55.4
New York.....	5,696	D-53.8	6,302	R-48.0	6,317	R-47.3	6,177	R-46.0	7,129	R-55.5
North Carolina.....	899	D-73.4	823	D-74.0	791	D-66.7	791	D-58.0	1,211	D-53.9
North Dakota.....	274	D-59.6	281	R-55.1	220	R-53.8	221	R-52.2	270	R-71.0
Ohio.....	3,012	D-58.0	3,320	D-52.2	3,153	R-60.2	2,936	D-49.5	3,701	R-56.8
Oklahoma.....	750	D-66.8	826	D-57.4	722	D-55.5	722	D-62.7	949	R-54.6
Oregon.....	414	D-64.4	481	D-63.7	480	D-51.8	524	R-49.8	695	R-60.5
Pennsylvania.....	4,138	D-56.9	4,078	D-53.2	3,795	D-51.1	3,735	R-50.9	4,560	R-52.8
Rhode Island.....	310	D-62.9	321	D-56.7	299	D-58.6	328	D-57.6	414	R-50.9
South Carolina.....	115	D-98.6	100	D-95.6	103	D-87.6	143	(3)	340	D-50.9
South Dakota.....	296	D-54.0	308	R-57.4	232	R-58.3	250	R-51.8	294	R-69.3
Tennessee.....	477	D-68.8	523	D-67.3	511	D-60.4	550	D-49.1	893	R-50.0
Texas.....	850	D-87.3	1,117	D-81.0	1,144	D-71.3	1,147	D-65.4	2,073	R-53.2
Utah.....	217	D-69.3	248	D-62.3	248	D-60.4	276	D-54.0	330	R-53.9
Vermont.....	144	R-56.4	143	R-54.8	125	R-57.1	123	R-61.5	154	R-71.5
Virginia.....	335	D-70.2	347	D-63.1	388	D-62.4	419	D-47.9	618	R-50.5
Washington.....	692	D-60.4	704	D-58.2	856	D-56.8	905	D-52.6	1,097	R-54.2
West Virginia.....	830	D-60.5	868	D-57.1	716	D-54.9	749	D-57.3	874	D-51.9
Wisconsin.....	1,259	D-63.8	1,405	D-60.1	1,339	R-50.4	1,277	D-50.7	1,607	R-61.0
Wyoming.....	103	D-60.6	112	D-62.8	101	R-51.2	101	D-51.6	129	R-62.7

<sup>1</sup> Excludes Alaska and Hawaii.

<sup>2</sup> Percentages based on figures which exclude votes of minor parties for candidates of major parties.

<sup>3</sup> 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.

Source: 1936-44, Edgar Eugene Robinson, *They Voted for Roosevelt*, Stanford University Press, Stanford, 1947; 1948, Governmental Affairs Institute, Washington, D.C., *America Votes*; 1952, Department of Commerce, Bureau of the Census, *Congressional District Data Book (Districts of the 87th Congress)*, 1961.

No. 484. POPULAR VOTE CAST FOR PRESIDENTIAL ELECTORS, BY POLITICAL PARTIES,  
BY STATES: 1956 AND 1960

[In thousands. See also *Historical Statistics, Colonial Times to 1957*, series Y 80-128]

STATE	1956						1960					
	Total	Demo- cratic	Re- pub- lican	Other parties	Percent of total		Total	Demo- cratic	Re- pub- lican	Other parties	Percent of total	
					Dem- ocratic	Re- pub- lican					Dem- ocratic	Re- pub- lican
<b>Total</b> <sup>1</sup>	62,015	26,017	35,599	402	42.0	57.4	68,836	34,227	34,108	502	49.7	49.5
Alabama	497	281	196	20	56.5	39.4	570	324	238	8	56.9	41.8
Alaska	—	—	—	—	—	—	61	30	31	—	49.1	50.9
Arizona	290	113	177	(2)	38.9	61.0	398	177	221	(2)	44.4	55.6
Arkansas	407	213	186	7	52.5	45.8	429	215	185	29	50.2	48.1
California	5,466	2,420	3,028	19	44.3	55.4	6,507	3,224	3,200	28	49.6	50.1
Colorado	663	264	394	5	39.8	59.5	736	331	402	3	44.9	54.6
Connecticut	1,117	405	712	(2)	36.3	63.7	1,223	637	566	—	53.7	46.3
Delaware	178	79	98	1	44.6	55.1	196	100	96	1	50.6	49.0
Florida	1,124	480	644	—	42.7	57.3	1,544	749	795	—	48.5	51.5
Georgia	660	441	217	2	66.8	32.8	733	459	274	—	62.6	37.4
Hawaii	—	—	—	—	—	—	185	92	92	—	50.0	50.0
Idaho	273	106	167	(3)	38.8	61.2	300	130	162	—	46.2	53.8
Illinois	4,407	1,776	2,623	8	40.3	59.5	4,757	2,378	2,369	11	50.0	49.8
Indiana	1,975	784	1,183	8	39.7	59.9	2,135	952	1,175	8	44.6	55.0
Iowa	1,235	502	729	4	40.7	59.1	1,274	551	722	1	43.2	56.7
Kansas	866	296	567	3	34.2	65.4	929	363	561	4	39.1	60.4
Kentucky	1,054	476	572	5	45.2	54.3	1,124	522	603	—	46.4	53.6
Louisiana	618	244	329	45	39.5	53.3	808	407	231	170	50.4	28.6
Maine	352	102	249	—	29.1	70.9	422	131	241	—	43.0	57.0
Maryland	932	373	560	—	40.0	60.0	1,055	566	490	—	53.6	46.4
Massachusetts	2,349	948	1,393	7	40.4	59.3	2,469	1,487	977	6	60.2	39.6
Michigan	3,080	1,360	1,714	7	44.1	55.6	3,318	1,687	1,620	10	50.9	48.8
Minnesota	1,340	618	719	3	46.1	53.7	1,542	780	758	4	50.6	49.2
Mississippi	248	144	61	43	58.2	24.5	298	108	74	316	36.3	24.7
Missouri	1,833	918	914	—	50.1	49.9	1,934	972	962	—	50.3	49.7
Montana	271	116	155	—	42.9	57.1	278	135	142	1	48.6	51.1
Nebraska	577	199	378	—	34.5	65.5	613	233	381	—	37.9	62.1
Nevada	97	41	56	—	42.0	58.0	107	55	52	—	51.2	48.8
New Hampshire	267	90	177	(2)	33.8	66.1	296	138	158	—	46.6	53.4
New Jersey	2,479	849	1,603	27	34.6	65.4	2,773	1,385	1,363	24	50.0	49.2
New Mexico	254	106	147	1	41.8	57.8	311	156	154	1	50.2	49.4
New York	7,113	2,745	4,368	—	38.6	61.4	7,291	3,830	3,446	14	52.5	47.3
North Carolina	1,106	591	575	—	50.7	49.3	1,369	713	655	—	52.1	47.9
North Dakota	264	97	157	(2)	38.1	61.7	278	124	154	(2)	44.5	55.4
Ohio	3,702	1,440	2,263	—	38.9	61.1	4,162	1,944	2,218	—	46.7	53.3
Oklahoma	859	386	474	—	44.9	55.1	903	370	533	—	41.0	59.0
Oregon	736	329	406	—	44.8	55.2	775	367	408	—	47.4	52.6
Pennsylvania	4,567	1,979	2,580	9	43.3	56.5	5,007	2,556	2,440	10	51.1	48.7
Rhode Island	388	162	226	—	41.7	58.3	406	258	148	—	63.6	36.4
South Carolina	301	136	76	80	45.4	25.2	387	198	189	—	51.2	48.8
South Dakota	294	122	172	—	41.6	58.4	306	128	178	—	41.8	58.2
Tennessee	939	457	482	21	48.6	49.2	1,052	481	557	14	45.8	52.9
Texas	1,955	860	1,081	15	44.0	55.3	2,312	1,168	1,122	22	50.5	48.5
Utah	334	118	216	—	35.4	64.6	375	169	205	(2)	45.2	54.8
Vermont	153	48	110	(2)	27.8	72.2	167	60	98	—	41.4	58.6
Virginia	698	268	386	44	38.4	55.4	771	362	409	5	47.0	52.4
Washington	1,143	523	620	—	45.7	54.3	1,242	599	625	13	48.3	50.7
West Virginia	831	382	449	—	45.9	54.1	838	442	396	—	52.7	47.3
Wisconsin	1,551	587	955	9	37.8	61.6	1,729	831	895	3	48.0	51.8
Wyoming	124	50	75	—	39.9	60.1	140	63	77	—	45.0	55.0

<sup>1</sup> Includes Alaska and Hawaii for 1960.

<sup>2</sup> Less than 500.

<sup>3</sup> Vote cast for unpledged Democratic electors who subsequently supported Harry F. Byrd for President.

<sup>4</sup> Includes 406,176 Liberal Party votes cast for Democratic candidate.

<sup>5</sup> By petition.

Source: 1956, Department of Commerce, Bureau of the Census, *Congressional District Data Book (Districts of the 87th Congress)*, 1961; 1960, U.S. Congress, Clerk of the House, *Statistics of the Presidential and Congressional Election of Nov. 8, 1960*. (In some cases, figures have been revised by Governmental Affairs Institute, Washington, D.C.)

NO. 485. ELECTORAL VOTE CAST FOR PRESIDENT, BY MAJOR POLITICAL PARTIES,  
BY STATES: 1924 TO 1960

[D=Democratic, R=Republican. See also *Historical Statistics, Colonial Times to 1867*, series Y 32-79]

STATE	1924 <sup>1</sup>	1928	1932	1936	1940	1944	1948 <sup>2</sup>	1952	1956 <sup>3</sup>	1960 <sup>4</sup>
Republican.....	382	444	59	8	82	99	189	442	457	219
Democratic.....	136	87	472	523	449	432	303	89	73	303
Alabama.....	D-12	D-12	D-11	D-11	D-11	D-11	(?)	D-11	<sup>3</sup> D-10	<sup>4</sup> D-5
Alaska.....										R-3
Arizona.....	R-3	R-3	D-3	D-3	D-3	D-4	D-4	R-4	R-4	R-4
Arkansas.....	D-9	D-9	D-9	D-9	D-9	D-9	D-9	D-8	D-8	D-8
California.....	R-13	R-13	D-22	D-22	D-22	D-25	D-25	R-32	R-32	R-32
Colorado.....	R-6	R-6	D-6	D-6	R-6	R-6	D-6	R-6	R-6	R-6
Connecticut.....	R-7	R-7	R-8	D-8	D-8	D-8	R-8	R-8	R-8	D-8
Delaware.....	R-3	R-3	R-3	D-3	D-3	D-3	R-3	R-3	R-3	D-3
Florida.....	D-6	R-6	D-7	D-7	D-7	D-8	D-8	R-10	R-10	R-10
Georgia.....	D-14	D-14	D-12	D-12	D-12	D-12	D-12	D-12	D-12	D-12
Hawaii.....										D-3
Idaho.....	R-4	R-4	D-4	D-4	D-4	D-4	D-4	R-4	R-4	R-4
Illinois.....	R-29	R-29	D-29	D-29	D-29	D-28	D-28	R-27	R-27	D-27
Indiana.....	R-15	R-15	D-14	D-14	R-14	R-13	R-13	R-13	R-13	R-13
Iowa.....	R-13	R-13	D-11	D-11	R-11	R-10	D-10	R-10	R-10	R-10
Kansas.....	R-10	R-10	D-9	D-9	R-9	R-8	R-8	R-8	R-8	R-8
Kentucky.....	R-13	R-13	D-11	D-11	D-11	D-11	D-11	D-10	R-8	R-10
Louisiana.....	D-10	D-10	D-10	D-10	D-10	D-10	(?)	D-10	R-10	D-10
Maine.....	R-6	R-6	R-5	R-5	R-5	R-5	R-5	R-5	R-5	R-5
Maryland.....	R-8	R-8	D-8	D-8	D-8	D-8	R-8	R-9	R-9	D-9
Massachusetts.....	R-18	D-18	D-17	D-17	D-17	D-16	D-16	R-16	R-16	D-16
Michigan.....	R-15	R-15	D-10	D-10	R-19	D-19	R-19	R-20	R-20	D-20
Minnesota.....	R-12	R-12	D-11	D-11	D-11	D-11	D-11	R-11	R-11	D-11
Mississippi.....	D-10	D-10	D-9	D-9	D-9	D-9	D-9	D-8	D-8	(?)
Missouri.....	R-18	R-18	D-15	D-15	D-15	D-15	D-15	R-13	D-13	D-13
Montana.....	R-4	R-4	D-4	D-4	D-4	D-4	D-4	R-4	R-4	D-4
Nebraska.....	R-8	R-8	D-7	D-7	R-7	R-6	R-6	R-6	R-6	R-6
Nevada.....	R-3	R-3	D-3	D-3	D-3	D-3	D-3	R-3	R-3	D-3
New Hampshire.....	R-4	R-4	R-4	D-4	D-4	D-4	R-4	R-4	R-4	R-4
New Jersey.....	R-14	R-14	D-16	D-16	D-16	D-16	R-16	R-16	R-16	D-16
New Mexico.....	R-3	R-3	D-3	D-3	D-3	D-4	D-4	R-4	R-4	D-4
New York.....	R-45	R-45	D-47	D-47	D-47	D-47	R-47	R-45	R-45	D-45
North Carolina.....	D-12	R-12	D-13	D-13	D-13	D-14	D-14	D-14	D-14	D-14
North Dakota.....	R-5	R-5	D-4	D-4	R-4	R-4	R-4	R-4	R-4	R-4
Ohio.....	R-24	R-24	D-26	D-26	D-26	R-25	D-25	R-25	R-25	R-25
Oklahoma.....	D-10	R-10	D-11	D-11	D-11	D-10	D-10	R-8	R-8	<sup>4</sup> R-7
Oregon.....	R-5	R-5	D-5	D-5	D-5	D-6	R-6	R-6	R-6	R-6
Pennsylvania.....	R-38	R-38	R-36	D-36	D-36	D-35	R-35	R-32	R-32	D-32
Rhode Island.....	R-5	D-5	D-4	D-4	D-4	D-4	D-4	R-4	R-4	D-4
South Carolina.....	D-9	D-9	D-8	D-8	D-8	D-8	(?)	D-8	D-8	D-8
South Dakota.....	R-5	R-5	D-4	D-4	R-4	R-4	R-4	R-4	R-4	R-4
Tennessee.....	D-12	R-12	D-11	D-11	D-11	D-12	D-11	R-11	R-11	R-11
Texas.....	D-20	R-20	D-23	D-23	D-23	D-23	D-23	R-24	R-24	D-24
Utah.....	R-4	R-4	D-4	D-4	D-4	D-4	D-4	R-4	R-4	R-4
Vermont.....	R-4	R-4	R-3	R-3	R-3	R-3	R-3	R-3	R-3	R-3
Virginia.....	D-12	R-12	D-11	D-11	D-11	D-11	D-11	R-12	R-12	R-12
Washington.....	R-7	R-7	D-8	D-8	D-8	D-8	D-8	R-9	R-9	R-9
West Virginia.....	R-8	R-8	D-8	D-8	D-8	D-8	D-8	D-8	R-8	D-8
Wisconsin.....	(?)	R-13	D-12	D-12	D-12	R-12	D-12	R-12	R-12	R-12
Wyoming.....	R-3	R-3	D-3	D-3	D-3	R-3	D-3	R-3	R-3	R-3

<sup>1</sup> Excludes 13 electoral votes of Wisconsin cast for Independent Progressive candidates.

<sup>2</sup> Excludes 39 electoral votes cast for States' Rights Democratic candidates as follows: Alabama 11; Louisiana 10; Mississippi 9; South Carolina 8; and Tennessee 1.

<sup>3</sup> Excludes 1 electoral vote cast for Walter B. Jones.

<sup>4</sup> Excludes 15 electoral votes cast for Harry F. Byrd as follows: Alabama 6; Mississippi 8; and Oklahoma 1.

Source: U.S. Congress, Clerk of the House; *Statistics of the Presidential and Congressional Election*.

# No. 486. VOTE CAST FOR UNITED STATES SENATORS, BY MAJOR POLITICAL PARTIES, BY STATES: 1956, 1958, AND 1960

[In thousands. Years in which no regular elections occur indicated by leaders. Elections to fill vacancies for unexpired terms excluded]

STATE	1956				1958				1960			
	Total <sup>1</sup>	Democrat	Republican	Percent for majority party	Total <sup>1</sup>	Democrat	Republican	Percent for majority party	Total	Democrat	Republican	Percent for majority party
Total.....	43,855	22,200	21,249	50.6	37,596	20,658	16,261	54.9	33,662	18,551	14,895	55.1
Alabama.....	330	330		100.0					554	389	165	70.2
Alaska.....					250	226	23	52.6	60	38	22	63.4
Arizona.....	278	171	107	61.4	294	129	165	56.1				
Arkansas.....	400	332	68	83.0					377	377		100.0
California.....	5,361	2,446	2,893	54.0	5,135	2,928	2,204	57.0				
Colorado.....	637	320	317	50.2					728	335	389	53.6
Connecticut.....	1,114	479	611	54.8	969	555	411	57.3				
Delaware.....					154	72	82	53.3	195	96	99	50.7
Florida.....	655	655		100.0	542	386	156	71.2				
Georgia.....	541	541		100.0					576	576		100.0
Hawaii.....					2165	278	287	62.9				
Idaho.....	265	149	103	56.2					292	139	153	52.8
Illinois.....	4,265	1,950	2,307	54.1					4,633	2,531	2,094	54.6
Indiana.....	1,964	872	1,084	55.2	1,724	974	732	56.5				
Iowa.....	1,170	543	635	53.9					1,238	595	642	51.9
Kansas.....	825	334	478	57.9					889	389	485	54.6
Kentucky.....	1,007	500	507	50.3					1,089	445	644	50.2
Louisiana.....	336	336		100.0					542	432	110	79.8
Maine.....					284	173	112	60.8	417	160	257	61.6
Maryland.....	893	420	473	53.0	752	367	385	51.2				
Massachusetts.....					1,862	1,363	488	73.2	2,418	1,051	1,359	56.2
Michigan.....					2,272	1,217	1,047	53.6	3,227	1,669	1,549	51.7
Minnesota.....					1,150	609	536	52.9	1,637	884	649	57.5
Mississippi.....					61	61		100.0	266	244	22	91.8
Missouri.....	1,801	1,016	785	56.4	1,174	780	394	66.5	1,890	1,000	881	53.2
Montana.....					229	175	55	76.2	277	140	136	50.7
Nebraska.....					417	185	232	55.6	509	246	353	58.9
Nevada.....					84	49	36	57.7				
New Hampshire.....	96	51	46	52.6					288	114	174	60.3
New Jersey.....	252	91	161	64.1	1,881	967	882	51.4	2,665	1,151	1,484	55.7
New Mexico.....					203	127	76	62.7	301	191	110	63.4
New York.....	9,991	2,965	3,724	53.3	5,602	2,436	2,843	50.7				
North Carolina.....	1,099	731	367	66.6					1,291	794	498	61.4
North Dakota.....	244	83	155	65.6	205	85	117	57.2				
Ohio.....	3,525	1,865	1,661	52.9	3,149	1,652	1,497	52.5				
Oklahoma.....	831	460	371	55.3					864	474	386	54.8
Oregon.....	732	397	335	54.2					756	413	343	54.6
Pennsylvania.....	4,530	2,269	2,261	50.1	3,989	1,930	2,043	51.2				
Rhode Island.....					345	222	122	64.5	400	276	124	68.0
South Carolina.....	280	230	50	82.2					330	330		100.0
South Dakota.....	291	143	148	50.8					305	145	160	52.4
Tennessee.....					402	317	76	79.0	829	594	234	71.8
Texas.....					787	587	186	74.6	2,254	1,307	927	58.0
Utah.....	330	152	178	54.0	291	113	101	38.7				
Vermont.....	155	52	103	66.4	124	60	65	52.2				
Virginia.....					458	317		69.3	622	506		81.4
Washington.....	1,122	686	437	61.1	887	597	278	67.3				
West Virginia.....					645	382	263	59.2	828	458	370	55.3
Wisconsin.....	1,523	628	892	58.6	1,195	682	510	57.1				
Wyoming.....					114	58	56	50.8	139	60	78	56.4

<sup>1</sup> Includes vote cast for minor parties.

<sup>2</sup> Total includes Alaska and Hawaii, figures for which represent votes cast for the 4-year term. Votes cast for the 2-year term were as follows: Alaska—Democratic 40,639 and Republican 7,299; Hawaii—Democratic 83,700 and Republican 79,123 (general election held July 28, 1959).

Source: U.S. Congress, Clerk of the House (except as noted); *Statistics of the Presidential and Congressional Election of Nov. 6, 1956*, *Statistics of the Congressional Election of Nov. 4, 1958*, and *Statistics of the Presidential and Congressional Election of Nov. 8, 1960*. (In some cases, figures have been revised by Governmental Affairs Institute, Washington, D.C.)

# No. 487. APPORTIONMENT OF MEMBERSHIP IN HOUSE OF REPRESENTATIVES, BY STATES: 1790 TO 1960

[Population figures used for apportionment purposes are those determined for States by each decennial census. Until 1940, population for apportionment purposes excluded Indians not taxed and until 1870, excluded two-fifths of slaves. Until 1850, apportionment ratios were chosen arbitrarily; 1850 to 1900, ratios were apportionment ratios shown were computed by dividing fixed number (435) of Representatives into apportionment population but were not used in the original calculations, which were based on priority lists. No reapportionment based on 1920 Population Census. For discussion of apportionment methods, see S. Doc. No. 304, 76th Cong., 3d sess., *A Survey of Methods of Apportionment in Congress*, by Edward V. Huntington. See also *Historical Statistics, Colonial Times to 1857*, series Y 155-204]

ITEM	BASED ON CENSUS OF—																	
	1790	1800	1810	1820	1830	1840	1850	1860	1870	1880	1890	1900	1910	1930	1940	1950	1960	
Apportionment ratio 1,000...	33	33	35	40	48	71	93	127	131	152	174	194	211	281	301	345	410	
STATE																		
Total representatives.	106	142	186	213	242	232	237	243	293	332	357	391	435	435	435	437	435	
Alabama			11	3	5	7	7	6	8	8	9	9	10	9	9	9	8	
Alaska																1	1	
Arizona																2	3	
Arkansas					1	1	2	3	4	5	6	7	7	7	7	6	4	
California					2	2	2	3	4	6	7	8	11	20	23	30	38	
Colorado									1	1	2	3	4	4	4	4	4	
Connecticut	7	7	7	6	6	4	4	4	4	4	4	5	5	6	6	6	6	
Delaware	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Florida					1	1	1	1	2	2	2	3	4	5	6	8	12	
Georgia	2	4	6	7	9	8	8	7	9	10	11	11	12	10	10	10	10	
Hawaii																		
Idaho										1	1	1	2			1	2	
Illinois			11	1	3	7	9	14	19	20	22	25	27	27	26	25	24	
Indiana			1	3	7	10	11	11	13	13	13	13	13	12	11	11	11	
Iowa					2	2	2	6	9	11	11	11	11	9	8	8	7	
Kansas								1	3	7	8	8	8	7	6	6	5	
Kentucky	2	6	10	12	13	10	10	9	10	11	11	11	11	9	9	8	7	
Louisiana			1	3	3	4	4	5	6	6	6	7	8	8	8	8	8	
Maine			10	7	8	7	6	5	5	4	4	4	4	3	3	3	2	
Maryland	8	9	9	9	8	6	6	5	6	6	6	6	6	6	6	7	8	
Massachusetts	14	17	13	13	12	10	11	10	11	12	13	14	16	15	14	14	12	
Michigan					1	3	4	6	9	11	12	12	13	17	17	18	19	
Minnesota							2	2	3	5	7	9	10	9	9	9	8	
Mississippi			1	1	2	4	5	5	6	7	7	8	8	7	7	6	5	
Missouri				1	2	5	7	7	13	14	15	16	16	13	13	11	10	
Montana																		
Nebraska								1	1	1	1	1	2	2	2	2	2	
Nevada								1	1	1	1	1	1	1	1	1	1	
N. Hampshire	4	5	6	6	5	4	3	3	3	2	2	2	2	2	2	2	2	
New Jersey	5	6	6	6	6	5	5	5	7	7	8	10	12	14	14	14	15	
New Mexico																		
New York	10	17	27	34	40	34	33	31	33	34	34	37	43	45	45	43	41	
N. Carolina	10	12	13	13	13	9	8	7	8	9	9	10	10	11	12	12	11	
N. Dakota										1	1	2	3	2	2	2	2	
Ohio		1	6	14	19	21	21	19	20	21	21	21	22	24	23	23	24	
Oklahoma																		
Oregon							1	1	1	1	2	2	3	3	4	4	4	
Pennsylvania	13	18	23	26	28	24	25	24	27	28	30	32	36	34	33	30	27	
Rhode Island	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	
S. Carolina	6	8	9	9	9	7	6	4	5	7	7	7	7	6	6	6	6	
S. Dakota										2	2	2	3	2	2	2	2	
Tennessee	1	3	6	9	13	11	10	8	10	10	10	10	10	9	10	9	9	
Texas						2	2	4	6	11	13	16	18	21	21	22	23	
Utah																		
Vermont	2	4	6	5	5	4	3	3	3	2	2	2	2	2	2	2	2	
Virginia	19	22	23	22	21	15	13	11	9	10	10	10	10	9	9	10	10	
Washington										1	2	3	5	6	6	6	7	
West Virginia										1	2	3	5	6	6	6	7	
Wisconsin						2	3	6	8	9	10	11	11	10	10	10	10	
Wyoming										1	1	1	1	1	1	1	1	

<sup>1</sup> Ratio of apportionment population to Representatives. <sup>2</sup> See headnote.

<sup>3</sup> Membership increased from 233 to 234 by act of July 30, 1852 (10 Stat. L. 25). See footnote 7.

<sup>4</sup> Membership increased from 233 to 241 by act of Mar. 4, 1862 (12 Stat. L. 353). See footnote 7.

<sup>5</sup> Membership originally fixed at 283 but increased to 292 by act of May 30, 1872 (17 Stat. L. 192). One member assigned to Colorado after apportionment.

<sup>6</sup> Includes one member each assigned to Alaska and Hawaii after apportionment.

<sup>7</sup> Assigned after apportionment. <sup>8</sup> Members seated in 1959.

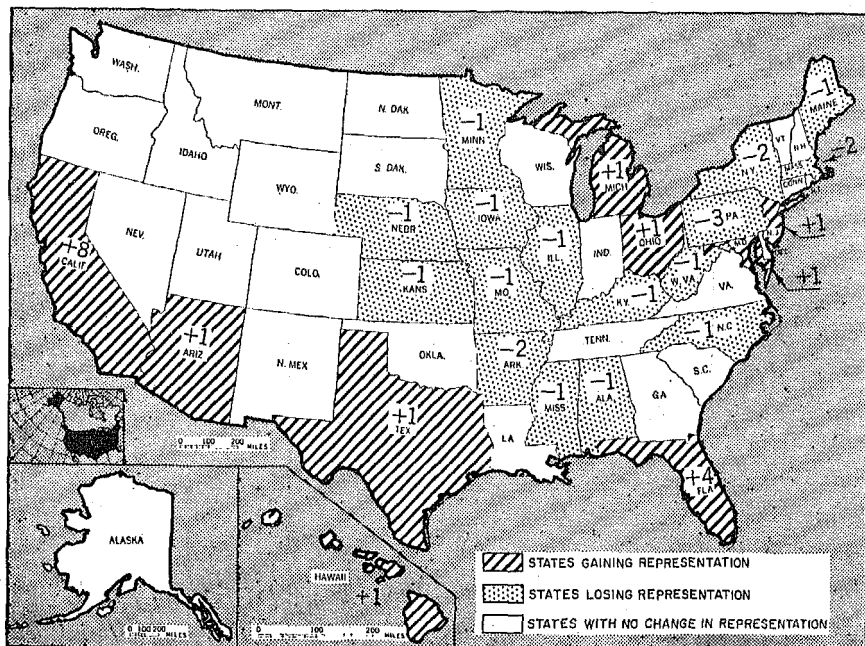
<sup>9</sup> Included in apportionment act in anticipation of Statehood.

<sup>10</sup> Included in the 20 members originally assigned to Massachusetts but credited to Maine after its admission as a State, Mar. 15, 1820 (3 Stat. L. 555).

Source: Department of Commerce, Bureau of the Census; records.



[See table 487]



Source: Department of Commerce, Bureau of the Census.

[Vote in thousands. A primary election is one in which the voters of a political party nominate candidates to run for public office in a general election. Because of the overwhelming supremacy of the Democratic Party in the South, votes cast in the primary elections for Senator or Governor are often a better measure of voter participation than those cast in the general elections]

STATE	1958		1960		STATE	1958		1960	
	Office	Vote cast	Office	Vote cast		Office	Vote cast	Office	Vote cast
Alabama-----	Governor----	618	Senator-----	404	South Caro-				
Arkansas-----	Governor----	384	Governor-----	407	lina-----	Governor 1--	377	Senator-----	300
Florida-----	Senator-----	729	Governor 1--	937	Tennessee---	Governor-----	685	Senator-----	718
Georgia-----	Governor----	620	( <sup>2</sup> )	( <sup>2</sup> )	Texas-----	Governor 1--	1,317	Governor-----	1,529
Louisiana-----	( <sup>2</sup> )	( <sup>2</sup> )	Governor 1 <sup>a</sup> --	843	Virginia-----	Governor 1--	150	( <sup>2</sup> )	( <sup>2</sup> )
Mississippi-----	Governor 1 <sup>a</sup> --	441	Senator-----	145					
North Carolina-----	( <sup>2</sup> )	( <sup>2</sup> )	Governor 1--	653					

1 First primary.

<sup>2</sup> No contested Democratic primary for Senator or Governor this year in this State.

<sup>a</sup> Vote in 1959.

<sup>4</sup> Vote in 1957.

Source: Governmental Affairs Institute, Washington, D.C.

# No. 489. VOTE CAST FOR UNITED STATES REPRESENTATIVES, BY MAJOR POLITICAL PARTIES, BY STATES: 1956, 1958, AND 1960

[In thousands. In each State, totals represent the sum of votes cast in each Congressional District, except as follows: In Alaska, Delaware, Hawaii, Nevada, Vermont, and Wyoming, only 1 Representative is elected from the State at large. In New Mexico and North Dakota, 2 Representatives are elected from the State at large. In Connecticut, Texas (1956), and Washington (1956), Representatives are elected by district, except 1 who is elected at large; these at-large votes are not reflected in this tabulation. 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, the votes are counted as for the endorsing party. See also notes below]

STATE	1956				1958				1960			
	Total <sup>1</sup>	Democ- ratic	Re- pub- lican	Per- cent for ma- jority party	Total <sup>1</sup>	Democ- ratic	Re- pub- lican	Per- cent for ma- jority party	Total <sup>1</sup>	Democ- ratic	Re- pub- lican	Per- cent for ma- jority party
<b>Total</b>	<b>58,426</b>	<b>29,850</b>	<b>28,449</b>	<b>51.1</b>	<b>45,819</b>	<b>25,720</b>	<b>21,915</b>	<b>56.1</b>	<b>64,137</b>	<b>35,092</b>	<b>28,755</b>	<b>54.7</b>
Ala.	383	331	52	86.5	237	231	6	97.4	438	390	48	80.0
Alaska					49	28	21	57.5	59	34	26	57.6
Ariz.	281	147	134	52.4	278	139	138	50.2	377	179	197	52.3
Ark.	270	235	34	87.3	60	<sup>3</sup> 29		49.0	70	<sup>3</sup> 58	<sup>3</sup> 12	82.9
Calif. <sup>4</sup>	5,178	2,711	2,467	52.4	4,954	2,972	1,981	60.0	6,193	3,337	2,855	53.9
Colo.	629	332	297	52.8	533	310	223	58.2	715	370	345	51.7
Conn.	1,114	437	674	60.5	968	519	449	53.6	1,216	650	566	53.5
Del.	176	85	92	52.0	153	77	76	50.2	195	98	96	50.3
Fla.	942	590	352	62.6	494	355	139	71.8	1,248	861	387	69.0
Ga.	593	522	59	88.1	159	159		100.0	574	549	25	95.6
Hawaii					<sup>1</sup> 161	<sup>1</sup> 112	<sup>1</sup> 51	<sup>1</sup> 68.2	183	136	47	74.3
Idaho	260	121	140	53.6	239	124	115	52.0	290	159	131	54.8
Ill.	4,240	1,967	2,273	53.6	3,230	1,754	1,484	54.3	4,635	2,370	2,265	51.1
Ind.	1,961	864	1,092	55.7	1,721	922	799	53.6	2,122	1,033	1,088	51.3
Iowa	1,170	534	637	54.4	830	417	413	50.3	1,226	563	663	54.1
Kans.	827	387	439	53.0	718	360	355	50.1	871	399	472	54.2
Ky.	965	503	462	52.2	476	310	164	65.1	913	539	374	59.0
La.	388	330	57	85.2	182	178	4	97.7	510	442	78	85.2
Maine	292	142	150	51.4	275	146	129	53.2	400	177	221	56.5
Md.	866	444	421	51.3	712	464	248	65.1	981	582	398	59.4
Mass.	2,242	1,093	1,148	51.2	1,778	1,021	756	57.4	2,250	1,378	880	61.0
Mich.	2,995	1,491	1,500	50.1	2,254	1,194	1,055	53.0	3,222	1,639	1,578	50.9
Minn.	1,380	712	676	51.3	1,131	596	535	52.7	1,515	760	750	50.2
Miss.	206	206		100.0	61			100.0	258	253	5	98.1
Mo.	1,693	1,011	682	59.7	1,167	737	430	63.2	1,843	1,063	780	57.7
Mont.	293	146	117	55.6	228	148	81	64.7	272	139	134	51.1
Nehr.	546	220	324	50.2	416	195	220	53.0	581	253	328	50.5
Nev.	94	51	43	54.2	82	55	27	66.9	104	60	44	57.7
N.H.	253	98	155	61.3	198	81	115	58.4	285	119	166	58.2
N.J.	2,388	973	1,392	53.3	1,906	939	944	49.5	2,659	1,276	1,362	51.2
N. Mex.	<sup>1</sup> 344	<sup>1</sup> 130	<sup>1</sup> 115	<sup>1</sup> 53.1	<sup>1</sup> 198	<sup>1</sup> 125	<sup>1</sup> 73	<sup>1</sup> 63.1	<sup>1</sup> 701	<sup>1</sup> 777	<sup>1</sup> 724	<sup>1</sup> 58.8
N. Y. <sup>5</sup>	6,887	3,073	3,745	54.4	5,623	2,751	2,699	49.8	7,024	3,630	3,268	47.0
N.C.	1,025	716	309	69.9	609	431	178	70.8	1,802	787	615	60.4
N. Dak. <sup>6</sup>	229	86	144	62.6	197	100	98	50.4	256	121	136	53.1
Ohio	3,381	1,445	1,937	57.3	3,111	1,581	1,530	50.8	3,847	1,766	2,080	54.1
Okl.	813	485	327	59.7	530	369	159	60.7	839	459	379	54.7
Oreg.	719	380	338	52.0	595	339	256	56.9	762	390	372	51.2
Pa.	4,510	2,132	2,387	52.8	3,061	2,020	1,941	51.0	4,954	2,555	2,396	52.2
R.I.	377	203	173	54.0	341	215	126	63.1	392	269	124	68.6
S.C.	262	250	12	95.3	77	77		100.0	328	328		100.0
S. Dak.	288	146	142	50.5	258	133	125	51.4	301	132	169	56.1
Tenn.	681	401	279	58.9	372	277	95	74.5	643	440	203	68.4
Tex.	1,707	1,465	239	85.8	769	674	91	87.6	2,040	1,681	297	82.4
Utah	329	136	194	58.9	286	141	145	50.8	369	187	183	50.7
Vt.	155	51	104	67.1	123	63	60	51.5	106	71	95	57.2
Va.	697	416	280	59.7	432	319	86	73.8	640	411	200	64.2
Wash.	1,062	478	584	55.0	877	406	468	53.3	1,125	478	647	57.5
W. Va.	806	428	373	53.1	616	381	235	61.9	820	468	352	57.1
Wis.	1,522	697	825	54.2	1,181	633	548	53.6	1,663	813	846	50.9
Wyo.	120	70	50	58.2	112	62	60	53.6	135	64	70	52.2

<sup>1</sup> Includes vote cast for minor parties.

<sup>2</sup> Includes Alaska and Hawaii; general election held in Alaska on Nov. 25, 1958, and in Hawaii on July 28, 1959.

<sup>3</sup> Vote for the 6th District only. Arkansas law does not require tabulation of votes for unopposed candidates.

<sup>4</sup> A person may be candidate of one or more parties for same office, so party votes for candidates are not segregable. Party vote shown is computed by assigning to a party total votes for candidates who are members of that party. <sup>5</sup> General election held July 28, 1959.

<sup>6</sup> Voters entitled to vote for any 2 candidates; total ascertained by adding the highest vote received by a single candidate in each political party.

<sup>7</sup> Although elected at large, candidates filed for a particular seat. Voters entitled to vote for 1 candidate in each of the 2 contests. Data shown represent contest with the greater total vote cast.

<sup>8</sup> Includes votes cast by minor parties for Democratic-endorsed and Republican-endorsed candidates.

Source: U.S. Congress, Clerk of the House; *Statistics of the Presidential and Congressional Election of Nov. 6, 1956*, *Statistics of the Congressional Election of Nov. 4, 1958*, and *Statistics of the Presidential and Congressional Election of Nov. 8, 1960*.

# No. 490. COMPOSITION OF CONGRESS BY POLITICAL PARTY AFFILIATIONS, BY STATES: 1957 TO 1961

[Figures are for the beginning of the first session of each Congress, Dem.=Democratic; Rep.=Republican]

STATE	REPRESENTATIVES						SENATORS					
	85th Congress <sup>1</sup> (1957)		86th Congress (1959)		87th Congress <sup>2</sup> (1961)		85th Congress (1957)		86th Congress (1959)		87th Congress (1961)	
	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.
<b>Total<sup>3</sup></b>	<b>233</b>	<b>200</b>	<b>283</b>	<b>153</b>	<b>262</b>	<b>174</b>	<b>49</b>	<b>47</b>	<b>64</b>	<b>34</b>	<b>65</b>	<b>35</b>
Alabama	9		9		9		2		2		2	
Alaska			1		1				2		2	
Arizona	1	1	1	1	1	1	1	1		1		1
Arkansas	6		6		6		2		2		2	
California	13	17	16	14	16	14		2	1	1	1	1
Colorado	2	2	3	1	2	2	1	1	1	1	1	1
Connecticut		6	6		4	2		2	1	1	1	1
Delaware		1	1		1		1	1		1		2
Florida	7	1	7	1	7	1	2		2		2	
Georgia	10		10		10		2		2		2	
Hawaii <sup>4</sup>			1		1				1	1	1	1
Idaho	1	1	1	1	2		1	1	1	1	1	1
Illinois	11	14	14	11	14	11	1	1	1	1	1	1
Indiana	2	9	8	3	3	7		2	1	1	1	1
Iowa	1	7	4	4	2	6		2		2		2
Kansas	1	5	3	3	1	5		2		2		2
Kentucky	6	2	7	1	7	1		2		2		2
Louisiana	8		8		8		2		2		2	
Maine	1	2	2	1		3		2	1	1	1	1
Maryland	4	3	7		6	1		2		2		2
Massachusetts	7	7	8	6	8	6	1	1	1	1	1	1
Michigan	6	12	7	11	7	11	1	1	2		2	
Minnesota	5	4	4	5	3	6	1	1	2		2	
Mississippi	6		6		6		2		2		2	
Missouri	10	1	10	1	9	2	2		2		2	
Montana	2		2		1	1	2		2		2	
Nebraska		4	2	2		4		2		2		2
Nevada	1		1		1		1	1	2		2	
New Hampshire		2		2		2		2		2		2
New Jersey	4	9	5	9	6	8		2	1	1	1	1
New Mexico	1		2		2		2		2		2	
New York	17	26	19	24	22	21		2		2		2
North Carolina	11	1	11	1	11	1	2		2		2	
North Dakota		2	1	1		2		2		2	1	1
Ohio	6	17	9	14	7	16	1	1	2		2	
Oklahoma	5	1	5	1	5	1	2		2		2	
Oregon	3	1	3	1	2	2	2		2		2	
Pennsylvania	13	17	16	14	14	16	1	1	1	1	1	1
Rhode Island	2		2		2		2		2		2	
South Carolina	6		6		6		2		2		2	
South Dakota	1	1	1	1		2		2		2		2
Tennessee	7	2	7	2	7	2	2		2		2	
Texas	21	1	21	1	21	1	2		2		2	
Utah		2	1	1		2		2		1	1	1
Vermont		1	1			1		2		2		2
Virginia	8	2	8	2	8	2	2		2		2	
Washington	1	6	1	6	2	5	2		2		2	
West Virginia	4	2	5	1	5	1	1	1	2		2	
Wisconsin	3	7	5	5	4	6		2	1	1	1	1
Wyoming		1		1		1	1	1	2		2	

<sup>1</sup> Data exclude 1 vacancy for New Jersey and 1 for New Mexico.

<sup>2</sup> Data exclude undetermined seat in Fifth Congressional District of Indiana.

<sup>3</sup> Excludes Hawaii in 85th and 86th Congresses.

<sup>4</sup> Members of Congress were seated on August 21, 1959.

Source: U.S. Congress, Joint Committee on Printing, *Congressional Directory*; and Clerk of the House of Representatives, official list of Members of the House of Representatives.

# No. 491. COMPOSITION OF CONGRESS, BY POLITICAL PARTY AFFILIATIONS: 1915 TO 1961

[D=Democratic, R=Republican. Figures are for the beginning of the first session of each Congress. See also *Historical Statistics, Colonial Times to 1957*, series Y 139-145]

YEAR	President	Congress	HOUSE			SENATE		
			Majority party	Principal minority party	Other (except vacancies)	Majority party	Principal minority party	Other (except vacancies)
1915	D (Wilson)	64th	D-230	R-196	9	D-56	R-40	-----
1917	D (Wilson)	65th	D-216	R-210	6	D-53	R-42	-----
1919	D (Wilson)	66th	R-240	D-190	3	R-49	D-47	-----
1921	R (Harding)	67th	R-301	D-131	1	R-50	D-37	-----
1923	R (Coolidge)	68th	R-225	D-205	3	R-51	D-43	2
1925	R (Coolidge)	69th	R-247	D-183	4	R-56	D-39	1
1927	R (Coolidge)	70th	R-237	D-195	3	R-49	D-46	1
1929	R (Hoover)	71st	R-267	D-167	1	R-56	D-39	1
1931	R (Hoover)	72d	D-220	R-214	1	R-48	D-47	1
1933	D (F. Roosevelt)	73d	D-310	R-117	5	D-60	R-35	1
1935	D (F. Roosevelt)	74th	D-319	R-103	10	D-69	R-25	2
1937	D (F. Roosevelt)	75th	R-331	R- 89	13	D-76	R-16	4
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-190	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	R (Eisenhower)	86th	D-283	R-153	-----	D-64	R-34	-----
1961	D (Kennedy)	87th	D-262	R-174	-----	D-65	R-35	-----

<sup>1</sup> Excludes Hawaii. Members of Congress from Hawaii (2 Senators—1 Republican and 1 Democrat; 1 Representative—Democrat) were seated on August 21, 1959.

<sup>2</sup> House of Representatives data exclude undetermined seat in Fifth Congressional District of Indiana.

Source: U.S. Congress, Joint Committee on Printing; *Congressional Directory*.

# No. 492. CONGRESSIONAL BILLS, ACTS, AND RESOLUTIONS: 1945 TO 1961

[Excludes simple and concurrent resolutions. See also *Historical Statistics, Colonial Times to 1957*, series Y 129-138]

ITEM	79th Cong.	80th Cong.	81st Cong.	82d Cong.	83d Cong.	84th Cong.	85th Cong.	86th Cong.	87th Cong.
Period of session	1945-46	1947-48	1949-50	1951-52	1953-54	1955-56	1957-58	1959-60	1961
Measures introduced	10,330	10,797	14,988	12,730	14,952	17,687	19,112	18,261	12,862
Bills	9,748	10,108	14,219	12,062	14,181	16,782	18,205	17,230	12,124
Joint resolutions	582	689	769	668	771	905	907	1,031	738
Measures enacted	1,625	1,466	2,119	1,617	1,783	1,921	1,854	1,292	685
Public	733	1,009	1,016	594	781	1,028	1,009	800	401
Private	892	457	1,103	1,023	1,002	893	845	492	284

Source: U.S. Congress; *Calendars of the U.S. House of Representatives and History of Legislation*.

# No. 493. CONGRESSIONAL BILLS VETOED: 1913 TO 1961

PERIOD	President	VETOED BILLS			Vetoes sustained	Bills passed over veto
		Total	Regular	Pocket		
1913-1921	Wilson	44	33	11	38	0
1921-1923	Harding	6	5	1	6	0
1923-1929	Coolidge	50	20	30	46	4
1929-1933	Hoover	37	21	16	34	3
1933-1945	F. Roosevelt	631	371	260	622	9
1945-1953	Truman	250	180	70	238	12
1953-1960	Eisenhower	201	83	118	198	3
1961	Kennedy	8	6	2	8	0

Source: U.S. Congress, Senate Library; *Veto Messages . . . 1889-1956*; U.S. Congress, *Calendars of the U.S. House of Representatives and History of Legislation*.

# NO. 494. VOTE CAST FOR GOVERNOR, BY STATES, 1954 TO 1960, AND CANDIDATES ELECTED

[In thousands. D=Democratic, R=Republican. Majority party vote refers to the party vote representing either a majority or a plurality for the victorious party]

STATE	1954		1956		1958		1960		Candidate elected <sup>1</sup>
	Total vote	Percent for majority party	Total vote	Percent for majority party	Total vote	Percent for majority party	Total vote	Percent for majority party	
Ala.	333	D-73.4			271	D-88.4			John Patterson.
Alaska					49	D-59.6			William A. Egan.
Ariz.	244	D-52.5	289	D-69.5	290	R-55.1	397	R-69.3	Paul Fannin.
Ark.	335	D-62.1	399	D-80.6	287	D-82.5	422	D-69.2	Orval E. Faubus.
Calif.	4,030	R-56.8			5,255	D-69.7			Edmund G. Brown.
Colo. <sup>2</sup>	490	D-53.6	645	D-51.3	550	D-58.4			S. L. R. McNichols.
Conn.	937	D-49.5			975	D-62.3			Abraham A. Ribicoff. <sup>3</sup>
Del.			177	R-52.0			195	D-51.7	Elbert N. Carvel.
Fla.	358	D-80.4	1,015	D-73.7			1,419	D-60.8	C. Farris Bryant.
Ga.	332	D-100.0			168	D-100.0			Ernest Vandiver.
Hawaii					169	R-51.1			William F. Quinn. <sup>4</sup>
Idaho	229	R-54.2			239	R-51.0			Robert E. Smylie.
Ill.			4,315	R-50.3			4,674	D-55.5	Otto Kerner.
Ind.			1,954	R-55.6			2,129	D-60.4	Matthew E. Welsh.
Iowa	849	R-51.4	1,204	D-51.2	859	D-54.1	1,237	R-52.1	Norman A. Erbe.
Kans.	623	R-63.0	865	D-55.5	736	D-56.5	923	R-66.0	John Anderson, Jr.
Ky. <sup>5</sup>	778	D-58.0			853	D-60.6			Bert T. Combs.
La.			172	D-100.0			507	D-80.5	Jimmie H. Davis.
Maine <sup>2</sup>	249	D-54.5	305	D-69.2	280	D-52.0	417	R-52.7	John H. Reed. <sup>4</sup>
Md.	700	R-54.5			763	D-63.6			J. Millard Tawes.
Mass.	1,904	R-51.8	2,340	D-52.8	1,899	D-56.2	2,417	R-62.9	John A. Volpe.
Mich.	2,187	D-65.6	3,050	D-54.7	2,312	D-53.0	3,256	D-50.6	John B. Swainson.
Minn.	1,151	D-52.7	1,422	D-51.4	1,160	D-56.8	1,550	R-50.6	Elmer L. Andersen.
Miss. <sup>6</sup>	41	D-100.0			58	D-100.0			Ross R. Barnett.
Mo.			1,808	D-52.1			1,887	D-68.0	John M. Dalton.
Mont.			270	R-51.4			280	R-55.1	Donald G. Nutter.
Nebr.	415	R-60.3	568	R-64.3	421	D-50.2	599	D-52.3	Frank B. Morrison.
Nev.	78	R-63.1			85	D-59.9			Grant Sawyer.
N.H.	195	R-55.1	259	R-54.7	207	R-51.7	291	R-55.5	Wesley Powell.
N.J. <sup>7</sup>	1,811	D-63.2			2,018	D-54.6			Robert B. Meyner.
N.Mex.	194	D-57.0	252	R-52.2	205	D-50.5	306	R-52.0	Edwin L. Mechem.
N.Y.	5,162	D-49.6			5,713	R-54.7			Nelson Rockefeller.
N.C.			1,136	D-67.0			1,350	D-64.4	Terry Sanford.
N.Dak.	194	R-64.2	252	R-58.5	211	R-53.1	275	D-49.4	William L. Guy.
Ohio <sup>2</sup>	2,598	D-54.1	3,542	R-56.0	3,284	D-56.9			Michael V. DiSalle.
Okla.	609	D-53.7			539	D-74.1			J. Howard Edmondson.
Oreg.	567	R-56.9	731	D-60.5	600	R-55.3			Mark Hatfield.
Pa.	3,720	D-53.7			3,987	D-60.8			David L. Lawrence.
R.I.	329	D-67.7	384	D-50.1	347	R-50.9	401	D-56.9	John A. Notte, Jr.
S.C.	214	D-100.0			78	D-100.0			Ernest F. Hollings.
S. Dak.	236	R-56.7	292	R-54.4	258	D-51.4	305	R-50.7	Archie Gubbrud.
Tenn.	323	D-87.2			433	D-57.5			Buford Ellington.
Texas	637	D-89.4	1,828	D-78.4	789	D-88.1	2,251	D-72.8	Price Daniel.
Utah			333	R-38.2			371	R-52.7	George D. Clyde.
Vt.	114	R-52.3	154	R-67.5	124	R-50.3	165	R-56.4	F. Ray Keyser.
Va. <sup>8</sup>	414	D-54.8			518	D-63.2			J. Lindsay Almond.
Wash.			1,120	D-54.6			1,216	D-51.3	Albert D. Rosellini.
W. Va.			818	R-53.9			827	D-54.0	W. W. Barron.
Wis.	1,159	R-51.5	1,558	R-51.9	1,202	D-53.6	1,728	D-51.6	Gaylord A. Nelson.
Wyo.	111	R-50.5			113	D-48.9			Joseph J. Hickey. <sup>9</sup>

<sup>1</sup> Elected at most recent election.

<sup>2</sup> Term of office increased from 2 to 4 years, effective with 1958 election.

<sup>3</sup> Resigned to become Secretary of Health, Education, and Welfare in January 1961; succeeded by John Dempsey (D).

<sup>4</sup> Election held to fill vacancy.

<sup>5</sup> Elected 1959 for three year term.

<sup>6</sup> Voting years, 1955 and 1959.

<sup>7</sup> Voting years, 1953 and 1957.

<sup>8</sup> Resigned to become U.S. Senator in January 1961; succeeded by Jack R. Gage (D).

Source: Governmental Affairs Institute, Washington, D.C.; America Votes, and records.

# No. 495. COMPOSITION OF STATE LEGISLATURES, BY POLITICAL PARTY AFFILIATIONS: 1956, 1958, AND 1960

[Dates shown refer to year legislators were elected. Dem.=Democratic; Rep.=Republican. In general, Lower House refers to body consisting of State Representatives; Upper House, of State Senators. In some States, legislature membership has been changed in recent years]

STATE	LOWER HOUSE						UPPER HOUSE					
	1956 <sup>1</sup>		1958 <sup>2</sup>		1960 <sup>3</sup>		1956		1958 <sup>4</sup>		1960 <sup>4</sup>	
	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.
Ala.			106						35			
Alaska <sup>5</sup>			33	5	20	18			18	2	14	6
Ariz.	57	23	55	25	53	27	26	2	27	1	24	4
Ark. <sup>5</sup>	97	2	100		99	1	35		35		35	
Calif. <sup>5</sup>	38	42	47	33	47	33	20	20	27	13	30	10
Colo. <sup>5</sup>	38	27	44	21	33	32	21	14	22	13	19	16
Conn.	30	249	141	133	118	176	5	31	29	7	24	12
Del. <sup>5</sup>	19	16	26	9	20	15	13	4	11	6	11	6
Fla. <sup>5</sup>	89	6	92	3	88	7	37	1	37	1	37	0
Ga.	202	3	202	3	203	2	53	1	53	1	53	1
Hawaii <sup>6</sup>			33	18					11	14		
Idaho.	27	32	36	23	29	30	25	19	27	17	21	23
Ill. <sup>5</sup>	83	94	91	86	88	89	20	38	24	34	27	31
Ind. <sup>5</sup>	24	76	79	21	34	66	17	33	23	27	26	24
Iowa <sup>5</sup>	36	72	49	50	30	78	10	40	17	33	15	35
Kans. <sup>5</sup>	42	83	56	69	43	82	8	32	8	32	8	32
Ky. <sup>7</sup>	77	23	75	25	50	20	30	8	29	9	30	8
La.	101				101		39				39	
Maine.	50	101	58	93	38	113	8	25	12	21	3	30
Md.			110	7					26	3		
Mass.	132	108	145	95	156	84	18	22	24	16	26	14
Mich.	49	61	55	55	54	56	11	23	12	22	12	22
Minn. <sup>5</sup>												
Miss. <sup>6</sup>	140				140		49				40	
Mo. <sup>5</sup>	93	64	112	45	100	57	21	13	26	8	28	6
Mont. <sup>5</sup>	59	35	61	31	41	53	31	25	38	17	38	17
Nebr. <sup>10</sup>												
Nev. <sup>5</sup>	31	16	33	14	32	15	5	12	7	10	7	10
N.H. <sup>1</sup>	118	270	137	203	139	250	6	18	6	18	6	18
N.J. <sup>7</sup>	20	40	42	18	34	26	7	14	8	13	10	11
N. Mex.	43	23	60	6	60	6	24	8			28	4
N.Y.	64	96	58	92	66	84	21	37	24	34	25	33
N.C.	107	13	116	4	105	15	47	3	49	1	48	2
N.Dak. <sup>5</sup>	19	94	40	64	43	70	7	42	18	31	21	28
Ohio <sup>5</sup>	42	97	78	61	55	84	12	22	20	13	18	20
Okl. <sup>5</sup>	101	20	109	10	107	14	40	4	41	3	40	4
Oreg. <sup>5</sup>	36	24	33	27	31	29	15	15	19	11	20	10
Pa. <sup>5</sup>	84	126	108	102	110	100	23	27	22	28	25	25
R.I.	63	37	71	29	80	20	19	25	23	21	25	16
S.C. <sup>5</sup>	124		124		124		46		46		46	
S. Dak.	27	48	32	43	18	57	17	18	20	15	13	22
Tenn.	78	21	82	17	80	19	27	6	28	5	27	6
Tex. <sup>5</sup>	150		150		150		31		31		31	
Utah <sup>5</sup>	24	39	42	22	36	28	10	15	12	13	14	11
Vt.	33	211	43	203	52	187	8	22	8	22	7	23
Va. <sup>11</sup>	94	6	94	6	96	4	37	3			38	2
Wash. <sup>5</sup>	56	43	66	33	60	39	31	15	35	14	36	13
W. Va. <sup>5</sup>	58	42	85	15	82	18	21	11	23	9	25	7
Wis. <sup>5</sup>	33	67	55	45	45	55	10	23	13	20	13	20
Wyo. <sup>5</sup>	26	30	29	27	21	35	11	16	11	16	10	17

<sup>1</sup> Data exclude 1 Independent each for Arkansas and Utah, 2 Independents for Vermont, and 3 Independents for New Hampshire (and 3 towns which sent no member).

<sup>2</sup> Data exclude 2 Independents each for Alaska and Montana.

<sup>3</sup> Data exclude 2 Independents for Alaska, 1 Independent for New Hampshire, and 7 Independents for Vermont.

<sup>4</sup> Data exclude 1 Independent for Montana.

<sup>5</sup> Upper House members serve 4-year terms, some elected every 2 years.

<sup>6</sup> Both Houses elected 1959. Upper House members serve 4-year terms, some elected every 2 years.

<sup>7</sup> Lower House members serve 2-year terms, elected in 1955, 1957, and 1959. Upper House members serve 4-year terms, some elected every 2 years (1955, 1957, and 1959).

<sup>8</sup> 131 Representatives (2-year terms) and 67 Senators (4-year terms, elected in 1954 and 1958) serving on non-partisan basis.

<sup>9</sup> Members of both Houses serve 4-year terms, elected in 1955 and 1959.

<sup>10</sup> Single chamber (unicameral body) of 43 members serving on nonpartisan basis (2-year terms).

<sup>11</sup> Lower House members serve 2-year terms, elected in 1955, 1957, and 1959; Upper House members, 4-year terms, elected in 1955 and 1959.

Source: Governmental Affairs Institute, Washington, D. C.; *America Votes*, and records.

**No. 496. ELECTIVE LOCAL OFFICIALS, BY TYPE OF GOVERNMENT AND PAY STATUS, AND AS PERCENT OF LOCAL GOVERNMENT EMPLOYMENT: 1957**

[In thousands. As of April. Excludes Alaska and Hawaii]

TYPE OF GOVERNMENT	EMPLOYMENT, IN- CLUDING PAID ELEC- TIVE OFFICIALS		ELECTIVE OFFICIALS					
	Full time	Part time	Total	Paid full-time		Paid part-time		Unpaid
				Number	Percent of full-time employ- ment	Number	Percent of part-time employ- ment	
Total.....	3,438.7	810.7	514.2	68.2	2.0	215.7	26.6	230.3
Counties.....	567.5	100.3	64.2	34.1	6.0	23.1	23.1	7.0
Municipalities.....	1,263.3	276.0	117.7	10.6	0.8	75.6	27.4	31.5
Townships.....	103.2	140.3	108.0	6.5	6.8	77.1	55.0	24.4
School districts.....	1,391.2	258.0	188.8	13.9	1.0	28.4	11.0	146.6
Special districts.....	113.5	36.1	35.5	3.1	2.7	11.6	32.1	20.9

Source: Department of Commerce, Bureau of the Census; 1957 Census of Governments, *Elective Offices of State and Local Governments*.

**No. 497. POPULATION OF VOTING AGE, AND VOTE CAST FOR PRESIDENTIAL ELECTORS AND UNITED STATES REPRESENTATIVES: 1920 TO 1960**

[In thousands. Population as of July 1, except as noted. Includes aliens; excludes Armed Forces abroad. Excludes District of Columbia for all years, Alaska prior to 1958, and Hawaii prior to 1960]

YEAR	Estimated population of voting age <sup>1</sup>	VOTE CAST FOR PRESIDENTIAL ELECTORS		VOTE CAST FOR U.S. REPRESENTATIVES		YEAR	Estimated population of voting age <sup>1</sup>	VOTE CAST FOR PRESIDENTIAL ELECTORS		VOTE CAST FOR U.S. REPRESENTATIVES	
		Number	Percent	Number	Percent			Number	Percent	Number	Percent
1920.....	<sup>2</sup> 60,581	26,748	44.2	25,080	41.4	1940.....	<sup>3</sup> 83,512	49,891	59.7	46,951	56.2
1922.....	62,984	—	—	20,409	32.4	1942.....	85,759	—	—	28,074	32.7
1924.....	65,597	29,086	44.3	26,884	41.0	1944 <sup>4</sup> .....	85,175	47,969	56.3	45,103	53.0
1926.....	67,912	—	—	20,435	30.1	1946.....	91,497	—	—	34,398	37.6
1928.....	70,362	36,812	52.3	33,906	48.2	1948.....	94,470	48,691	51.5	45,033	48.6
1930.....	<sup>3</sup> 72,602	—	—	24,777	34.1	1950.....	<sup>3</sup> 96,992	—	—	40,342	41.6
1932.....	75,048	30,732	52.9	37,657	50.2	1952.....	98,940	61,303	62.0	57,571	58.2
1934.....	77,215	—	—	32,256	41.8	1954.....	100,849	—	—	42,580	42.2
1936.....	79,375	45,643	57.5	42,886	54.0	1956.....	103,242	62,015	60.1	68,426	56.6
1938.....	81,514	—	—	36,236	44.5	1958 <sup>5</sup> .....	105,198	—	—	45,655	43.4
						1960.....	<sup>3</sup> 107,949	68,836	63.8	64,137	59.4

<sup>1</sup> Population 21 years and over, except as follows: 18 years and over in Georgia since 1944; 18 years and over in Kentucky since 1956; 19 years and over in Alaska; 20 years and over in Hawaii.

<sup>2</sup> As of January 1.

<sup>3</sup> As of April 1.

<sup>4</sup> Voting age population including Armed Forces abroad in 1944 was 89,517,000. Percent casting votes was 53.6 for Presidential electors and 50.4 for House of Representatives.

<sup>5</sup> Includes Alaska, which voted for Representative in November 1958 although it did not achieve Statehood until January 1959.

Source: Department of Commerce, Bureau of the Census; unpublished records.

## No. 498. POPULATION OF VOTING AGE, BY STATES: 1920 TO 1960

[As of January 1, 1920, and April 1, other years. Population 21 years old and over, except as noted. Includes aliens; excludes Armed Forces-abroad, District of Columbia, and prior to 1960, Alaska and Hawaii]

STATE	1920	1930	1940	1950	1960
<b>United States</b> .....	<b>60,581,265</b>	<b>72,602,159</b>	<b>83,511,891</b>	<b>96,992,410</b>	<b>107,949,289</b>
Alabama.....	1,143,395	1,348,401	1,559,680	1,747,759	1,834,378
Alaska.....					<sup>1</sup> 133,075
Arizona.....	187,929	244,115	288,265	441,889	731,682
Arkansas.....	567,292	968,231	1,101,800	1,112,866	1,043,269
California.....	2,315,030	3,864,388	4,885,541	7,211,825	9,600,178
Colorado.....	564,529	623,523	713,968	844,748	1,031,203
Connecticut.....	888,074	985,628	1,159,601	1,382,373	1,591,461
Delaware.....	136,521	148,792	177,635	210,918	267,249
Florida.....	536,614	860,198	1,218,060	1,823,513	3,087,690
Georgia.....	1,421,606	1,498,567	1,772,936	<sup>2</sup> 2,181,269	<sup>2</sup> 2,409,972
Hawaii.....					<sup>3</sup> 360,193
Idaho.....	234,076	246,770	312,965	340,016	372,484
Illinois.....	3,944,197	4,841,768	5,381,944	5,958,601	6,280,637
Indiana.....	1,779,820	2,003,019	2,235,350	2,556,467	2,777,924
Iowa.....	1,428,682	1,506,129	1,639,266	1,694,619	1,664,371
Kansas.....	1,024,144	1,130,224	1,161,868	1,242,541	1,321,835
Kentucky.....	1,280,466	1,422,434	1,635,781	1,742,978	<sup>2</sup> 1,897,987
Louisiana.....	924,184	1,134,852	1,374,947	1,587,145	1,803,805
Maine.....	475,191	487,125	533,230	576,840	580,855
Maryland.....	862,391	996,928	1,185,654	1,527,089	1,845,007
Massachusetts.....	2,411,507	2,686,487	2,910,202	3,206,104	3,245,066
Michigan.....	2,215,436	2,939,409	3,374,373	4,106,006	4,580,295
Minnesota.....	1,380,834	1,537,983	1,796,857	1,910,153	2,001,455
Mississippi.....	876,106	1,031,547	1,197,617	1,208,023	1,170,522
Missouri.....	2,038,814	2,260,657	2,501,472	2,643,129	2,695,014
Montana.....	320,562	318,611	356,096	372,345	388,073
Nebraska.....	738,310	812,450	836,581	860,301	853,318
Nevada.....	52,218	60,794	76,362	107,173	175,365
New Hampshire.....	281,026	294,055	325,206	352,780	372,725
New Jersey.....	1,897,884	2,512,112	2,834,600	3,354,100	3,801,074
New Mexico.....	185,186	216,956	284,296	375,387	500,675
New York.....	6,514,681	8,142,851	9,350,026	10,374,446	10,880,592
North Carolina.....	1,210,727	1,542,125	1,929,061	2,311,071	2,556,884
North Dakota.....	322,918	358,182	373,216	366,690	354,866
Ohio.....	3,558,481	4,132,231	4,583,907	5,279,761	5,839,311
Oklahoma.....	1,021,588	1,287,131	1,369,196	1,382,108	1,416,050
Oregon.....	494,968	621,375	748,212	1,061,716	1,073,431
Pennsylvania.....	5,039,091	5,656,779	6,351,408	6,997,210	7,100,482
Rhode Island.....	368,637	421,197	474,195	538,124	539,804
South Carolina.....	779,991	819,384	991,536	1,150,807	1,206,251
South Dakota.....	344,846	385,808	388,165	401,146	391,597
Tennessee.....	1,214,947	1,418,144	1,707,760	1,978,548	2,092,801
Texas.....	2,430,715	3,220,880	3,861,721	4,737,225	5,534,277
Utah.....	228,632	264,498	308,439	389,843	467,817
Vermont.....	217,042	220,428	228,037	237,552	230,645
Virginia.....	1,207,074	1,300,803	1,575,481	2,025,339	2,312,887
Washington.....	857,079	1,010,167	1,192,982	1,559,206	1,717,597
West Virginia.....	752,344	900,987	1,066,732	1,171,878	1,083,347
Wisconsin.....	1,527,661	1,768,818	2,018,681	2,222,423	2,354,450
Wyoming.....	115,739	132,954	155,433	178,581	190,305

<sup>1</sup> Population 19 years old and over.

<sup>2</sup> Population 18 years old and over.

<sup>3</sup> Population 20 years old and over.

Source: Department of Commerce, Bureau of the Census; reports of the Fourteenth to Eighteenth Censuses.



## Section 14

### 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 the essential apparatus of public financing, namely appropriations, taxes, receipts, expenditures, and debt. The personnel data relate to civil staffing and payrolls for the different public functions and agencies, certain employee characteristics, and civil service status.

Principal sources of the fiscal data are *The Budget of the United States Government* published annually by the Bureau of the Budget and the Treasury Department's annual *Combined Statement of Receipts, Expenditures and Balances*, an abstract of the Treasury books and the official report relating to all of the receipts and the appropriation accounts from which disbursements are made under the appropriations made by the Congress. The *Annual Report of the Secretary of the Treasury* is a convenient summary of yearly data relating to somewhat broader fields.

The day-to-day cash operations of the Federal Government clearing through the accounts of the Treasurer of the United States are reported in the *Daily Statement of the United States Treasury*. In the issue for the last day of the month the *Statement* contains information as to the public debt receipts and expenditures for the month and the outstanding public debt as of that day.

Receipts and expenditures of the Government classified as to budgetary and non-budgetary transactions and showing the budget surplus or deficit appear in the *Monthly Statement of Receipts and Expenditures of the United States Government*. The monthly *Treasury Bulletin* contains analytical material on fiscal operations and related Treasury activities, including financial statements of Government corporations and business-type enterprises. Another special aspect of Federal finances is presented in the Treasury Department's monthly *Circulation Statement of United States Money*.

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 geographic area. 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 latter presents income data for sole proprietorships and partnerships along with summary statistics for corporations. Biennial *Statistics of Income* publications present data from fiduciary income tax, estate tax, and gift tax returns.

Federal employment and payroll figures, compiled primarily by the Civil Service Commission, are issued in the Commission's regular *Annual Report* and its *Monthly Report of Federal Employment*. The Commission also publishes annual reports on the pay of Federal employees entitled *Pay Structure of the Federal Civil Service* and on occupations of both white-collar and blue-collar Federal workers. Data on Federal employment are also issued by the Bureau of Labor Statistics in its *Monthly Labor Review*.

**Treasury receipts and expenditures.**—All receipts of the Government, with a few exceptions, are deposited to the credit of the Treasurer of the United States, irrespective of their ultimate disposition or availability for expenditure. The Treasury Department currently uses two bases for the reporting of receipts: (1) Latest available reports of deposits in government depositories in the general account of the Treasurer of the United States; and (2) collections as reported by government collecting agencies.

Receipts on the first basis are presented in the *Daily Statement of the United States Treasury*, the purpose of which is to report receipts as promptly as possible. Receipts on a collection basis (taxes, customs duties, trust receipts, receipts of certain government corporations and public enterprises) and miscellaneous budget receipts which are on the basis of the latest reports of deposits in government depositaries are presented in the *Monthly Statement of Receipts and Expenditures of the United States Government*. The *Monthly Statement* also includes deposits or collections in cash accounts of Government agencies held outside the Treasury as well as those in the general account of the Treasurer of the United States. The final statement issued after the close of the fiscal year is held open until all reports have been received covering deposits or collections for that year.

Under the Constitution, no money may be withdrawn from the Treasury unless appropriated by the Congress. The Treasury Department reports Government expenditures on two bases: (1) Checks paid or withdrawals affecting the account of the Treasurer of the United States; and (2) checks issued and cash payments made by disbursing officers. Transactions of the first type are reported in the *Daily Statement* referred to above. Expenditures of the second type are presented in the *Monthly Statement*, mentioned above, and in the annual *Combined Statement of Receipts, Expenditures and Balances*, also cited earlier. These monthly and annual reports include payments from cash accounts of Government agencies held outside the Treasury as well as those from the general account of the Treasurer of the United States.

**Treasury budget and nonbudget accounts.**—All receipts of the Government are recorded by the Treasury in accounts classified generally according to the source and according to whether or not the receipts are earmarked in some degree for expenditure. Disbursements of the Government are similarly classified by accounts reflecting various types of authorizations or conditions under which they may be expended.

Budget accounts include: General fund receipts available for financing the general Government operations to the extent appropriations are made by the Congress (sources of general receipts are income and excise taxes, customs duties, etc.); special fund receipts (earmarked moneys) received subject to special legal authorizations which may be expended only for the particular purpose specified (examples are the Mineral Leasing Act and the National Forest Fund); expenditure (appropriation) accounts which record the amounts authorized by the Congress and expenditures therefrom for the general support of the Government; revolving and management fund accounts which record funds authorized by specific provisions of law to finance without further action by the Congress a continuing cycle of operations, with receipts derived from such operations, and to facilitate accounting for and administration of intragovernmental operations.

Nonbudget accounts include: Trust accounts which record the receipt and expenditure of moneys held in trust by the Government for the benefit of individuals or classes of individuals, such moneys being expended only in accordance with the terms of a trust agreement or statute (examples are Civil Service Retirement Fund, Old-Age and Survivors Insurance Trust Fund, the Highway Trust Fund, etc.); deposit fund accounts which record receipts either held in suspense temporarily and later refunded or transferred to another Government account, or held by the Government as banker or agent and paid out at the owners' direction (example is account for the accumulation of amounts withheld from employees' salaries for bond allotments). Funds in nonbudget accounts have no effect on the budget surplus or deficit.

**Foreign currency operations.**—Transactions relating to foreign currencies acquired by the Government, without the payment of dollars, are not included in reports of dollar appropriations and therefore are reported as a separate and distinct Government activity. Such currencies are primarily generated under the Mutual Security

Acts, as amended, the Agricultural Trade Development and Assistance Act, as amended, Surplus Property and Lend-Lease Acts, etc.

**Public and private debt.**—These data appear annually in the May issue of the monthly *Survey of Current Business* of the Department of Commerce. Net public and private debt outstanding is a comprehensive aggregate of indebtedness of borrowers after elimination of certain duplicating governmental and corporate debt. This measure of indebtedness provides a more significant indication of trends in debt structure than does gross debt, since effects of nominal changes in financial practices and organization are largely removed. To obtain net figures, gross or total debt is adjusted for specific types of duplications pertaining to the following: (1) Federal Government and its corporations and agencies generally; (2) State and local governments; and (3) within the corporate area, those affiliated corporations which operate under a single management. In the noncorporate private area, data are gross throughout with no adjustments for duplications.

**Employment and payrolls.**—Employment and payroll data are collected from all departments and agencies of the Federal Government by the Civil Service Commission. The Commission does not collect personnel statistics from the District of Columbia Government. 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. Intermittent workers are counted if they performed any service during the report month. Employment totals exclude persons serving without compensation, persons on leave without pay for scheduled periods longer than 30 days, persons in leave status after reduction-in-force, and persons hired informally "on the spot" without formal appointment procedures to cope with fire, flood, or other extreme emergencies.

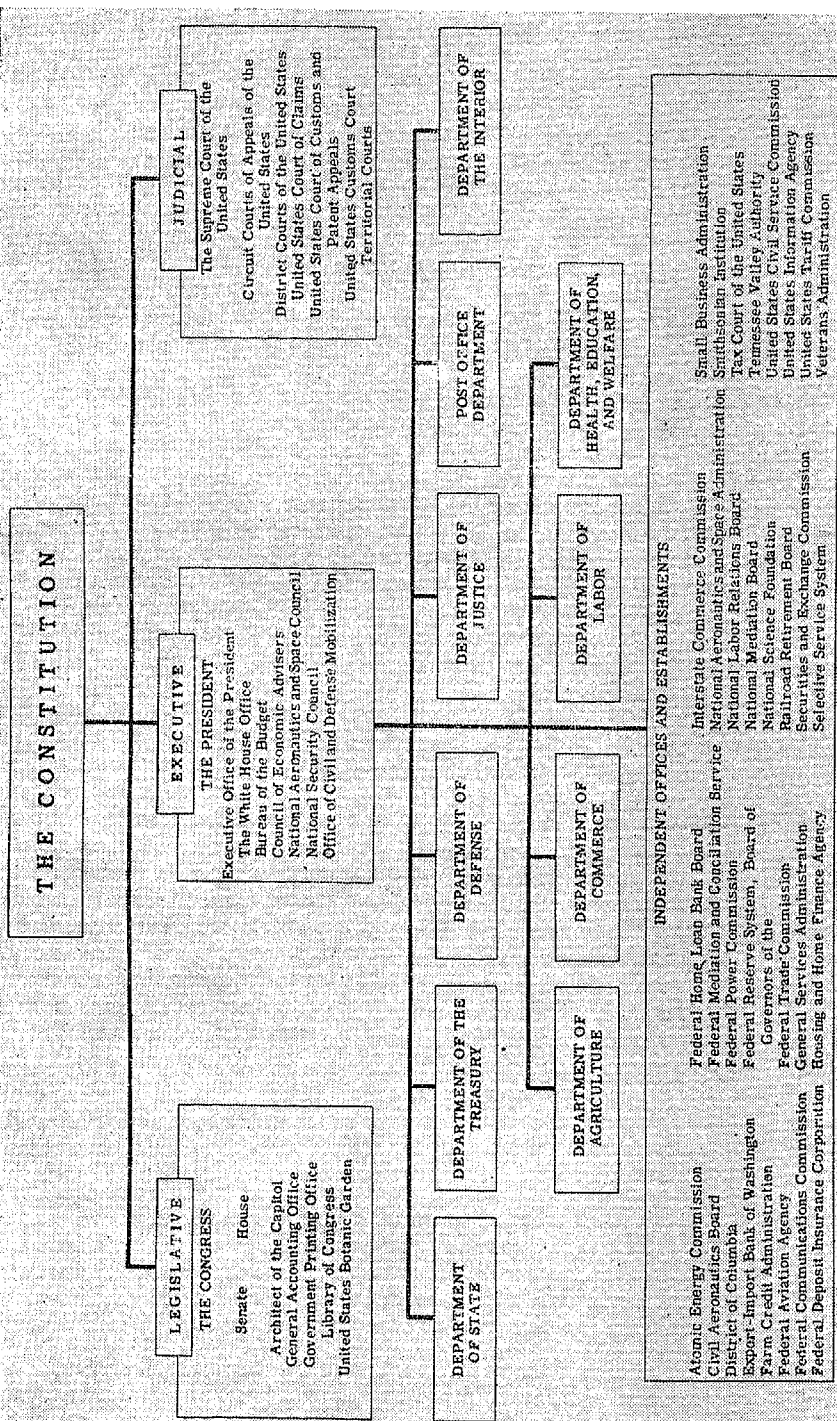
Federal payrolls include all payments for personal services rendered during the calendar month and payments for accumulated annual leave of employees who separate from the service. Since most Federal employees are paid on a biweekly basis, the calendar month earnings are partially estimated on the basis of the number of work days in each month where payroll periods overlap consecutive months. Monthly payroll totals fluctuate in amount because the number of work days in each month varies from 20 to 23 days. Holidays may be disregarded since Federal employees are paid for the eight national holidays on which they do not work.

**Alaska and Hawaii.**—For a general statement concerning the treatment of data for Alaska and Hawaii, see preface.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics, Colonial Times to 1957*, series Y 254-263") provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

FIG. XXI. THE GOVERNMENT OF THE UNITED STATES

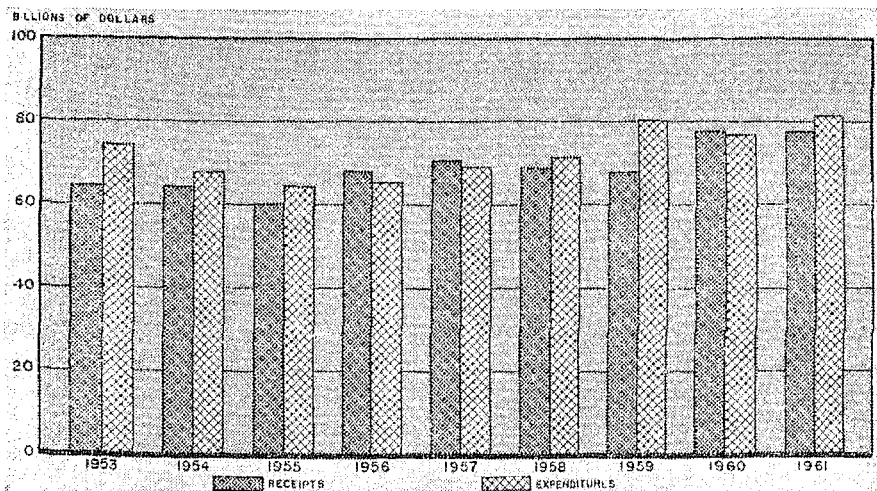
[As of June 30, 1961. Only the more important agencies are shown. See table 432]



Source: General Services Administration. National Archives and Records Service.

FIG. XXII. RECEIPTS AND EXPENDITURES OF THE FEDERAL GOVERNMENT:  
1953 TO 1961

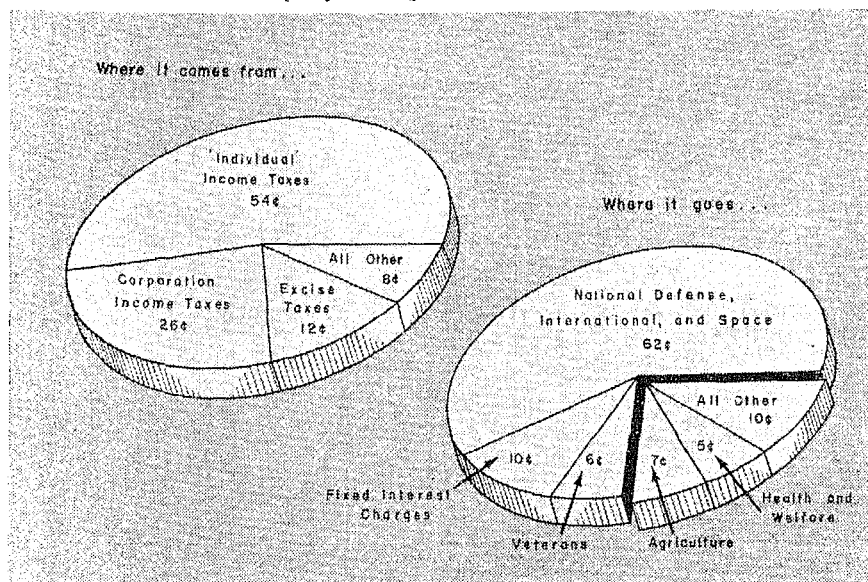
[See tables 499 and 500]



Source: Chart prepared by Department of Commerce, Bureau of the Census. Data are from Treasury Department.

FIG. XXIII. THE FEDERAL BUDGET DOLLAR: 1962

[For year ending June 30. See table 504]



Source: Chart prepared by Department of Commerce, Bureau of the Census. Adapted from chart published in House Document No. 265, Part 1, *The Budget of the United States Government, 1963*.

# **No. 499. RECEIPTS AND SURPLUS OR DEFICIT OF THE FEDERAL GOVERNMENT: 1931 TO 1961**

[In millions of dollars. For years ending June 30. On basis of daily Treasury statements through 1952; beginning 1953, on basis of *Monthly Statement of Receipts and Expenditures of the U.S. Government*. Excludes trust accounts. See also *Historical Statistics, Colonial Times to 1957*, series Y 254-263]

YEARLY AVERAGE OR YEAR	RECEIPTS						Surplus (+) or deficit (-) receipts com- pared with expenditures
	Net <sup>1</sup>	Total	Customs <sup>2</sup>	Internal revenue		Other receipts <sup>3</sup>	
				Income and profits taxes	Other		
1931-1935.....	2,751	2,838	323	1,116	1,186	213	-2,444
1936-1940.....	4,931	5,442	380	2,109	2,741	213	-3,232
1941-1945.....	25,903	27,653	378	19,470	6,147	1,688	-38,087
1945.....	44,362	47,750	355	35,173	8,729	3,494	-53,941
1946.....	39,650	44,238	435	30,885	9,420	3,492	-20,676
1947.....	39,677	44,508	494	29,306	10,074	4,635	+754
1948.....	41,375	46,090	422	31,171	10,683	3,824	+8,419
1949.....	37,663	42,774	384	29,482	10,825	2,082	-1,811
1950.....	36,422	41,311	423	28,263	11,186	1,439	-3,122
1951.....	47,480	53,369	624	37,753	13,354	1,639	+3,510
1952.....	61,287	67,999	551	51,347	14,288	1,914	-4,017
1953.....	64,671	72,649	613	54,363	15,808	1,865	-9,449
1954.....	64,420	73,173	562	53,906	16,394	2,311	-3,117
1955.....	60,209	69,454	606	49,915	16,374	2,559	-4,180
1956.....	67,850	78,820	705	56,633	18,476	3,006	+1,626
1957.....	70,562	83,675	754	60,560	19,612	2,749	+1,596
1958.....	68,550	83,974	800	59,102	20,877	3,196	-2,819
1959.....	67,915	83,904	948	58,826	20,972	3,158	-12,427
1960.....	77,763	96,082	1,123	67,125	24,650	4,064	+1,224
1961.....	77,659	99,491	1,008	67,018	26,463	4,082	-3,855

<sup>1</sup> Total receipts less refunds of receipts and less transfers of tax receipts to Federal old-age and survivors insurance trust fund beginning 1937, to railroad retirement account beginning 1938, to highway trust fund and Federal disability insurance trust fund beginning 1957, and to unemployment trust fund beginning 1961; and less interfund transactions beginning 1932.

<sup>2</sup> Tonnage tax is included in "Other receipts," except for 1931. <sup>3</sup> Includes sales of public lands.

# **No. 500. EXPENDITURES AND GROSS DEBT OF THE FEDERAL GOVERNMENT: 1931 TO 1961**

[In millions of dollars, except per capita. For years ending June 30. See headnote, table 499. See also *Historical Statistics, Colonial Times to 1957*, series Y 255, Y 257, and Y 350-355]

YEARLY AVERAGE OR YEAR	EXPENDITURES <sup>1</sup>						GROSS DEBT <sup>2</sup>	
	Total <sup>2</sup>	Depart- ment of the Army <sup>3</sup>	Depart- ment of the Navy	Depart- ment of the Air Force	Interest on the public debt	All other <sup>4</sup>	Amount	Per capita
1931-1935.....	5,195	459	350	-----	606	3,702	28,701	\$225.55
1936-1940.....	8,163	699	649	-----	905	5,940	42,968	325.23
1941-1945.....	63,090	32,144	17,673	-----	2,081	12,140	258,682	1,848.60
1945.....	98,303	50,490	30,047	-----	3,617	14,262	258,682	1,848.60
1946.....	60,326	27,987	15,164	-----	4,722	12,574	209,422	1,905.42
1947.....	38,023	9,172	5,597	-----	4,958	19,305	258,286	1,792.05
1948 <sup>5</sup> .....	32,955	7,609	4,285	-----	5,211	15,874	252,292	1,720.71
1949 <sup>5</sup> .....	30,474	7,862	4,435	1,690	5,339	20,180	252,770	1,694.75
1950.....	39,544	5,789	4,130	3,521	5,750	20,427	257,357	1,696.68
1951.....	43,970	8,636	5,863	6,359	5,613	17,588	255,222	1,632.42
1952.....	65,303	17,453	10,231	12,852	5,859	19,013	259,105	1,650.06
1953.....	74,120	17,054	11,875	15,085	6,504	23,756	266,071	1,666.74
1954.....	67,537	13,515	11,293	15,668	6,382	20,913	271,260	1,670.14
1955.....	64,389	9,450	9,732	16,405	6,370	22,613	274,374	1,660.16
1956.....	66,224	9,274	9,744	16,750	6,787	23,986	272,751	1,621.82
1957.....	68,966	9,705	10,397	18,361	7,244	23,726	270,527	1,580.20
1958.....	71,369	9,776	10,913	18,437	7,607	25,203	270,843	1,587.63
1959.....	80,342	10,284	11,720	19,063	7,593	32,017	284,706	1,606.14
1960.....	76,539	10,294	11,642	19,065	9,180	27,052	286,331	1,584.83
1961.....	81,515	11,103	12,214	19,778	8,957	30,117	288,971	1,573.49

<sup>1</sup> Excludes debt retirements, refunds of receipts and capital transfers, and beginning 1951, investments of wholly owned Government corporations in public debt securities.

<sup>2</sup> Beginning 1932, represents total expenditures less interfund transactions.

<sup>3</sup> Represents all expenditures, including those for rivers and harbors, Panama Canal, and, prior to 1949, Air Force.

<sup>4</sup> Includes expenditures for veterans pensions. Beginning 1932, includes net expenditures for wholly owned Govt. corporations; beginning 1952, expenditures of Dept. of Defense not segregated as to respective departments.

<sup>5</sup> Represents gross debt as of end of each period; e.g., 1935, 1940, etc.

<sup>6</sup> For comparability with earlier years, all transactions relating to Foreign Economic Cooperation Trust Fund (amounting to \$3,600,000,000) have been consolidated with budget expenditures.

Source of tables 499 and 500: Treasury Department, *Annual Report of the Secretary*; annual and current data published in *Monthly Statement of Receipts and Expenditures of the United States Government*.

### No. 501. FEDERAL GOVERNMENT BUDGET EXPENDITURES, BY ORGANIZATION UNIT: 1955 TO 1962

[In millions of dollars. For years ending June 30. Expenditures reported on a checks-issued basis. "Budget" receipts, expenditures, and authorizations, as used in this and following tables, are mainly those of general and special accounts. Excluded from both receipts and expenditures are refunds of receipts, transfers from the general fund to trust funds, interest paid to the U.S. Treasury by revolving funds, transfers of capital between wholly owned Government corporations and the U.S. Treasury, debt transactions of Government enterprises, and certain other interfund payments. Expenditures from public debt authorizations are included as well as net transactions (expenditures minus receipts) of wholly owned Government corporations and enterprises. Figures for early years have not been revised to reflect recent changes in organizational structure]

DESCRIPTION OR ORGANIZATION UNIT	1955	1956	1957	1958	1959	1960	1961	1962 esti- mate
<b>Total budget expenditures</b> .....	<b>64,389</b>	<b>66,224</b>	<b>68,966</b>	<b>71,369</b>	<b>80,342</b>	<b>76,539</b>	<b>81,515</b>	<b>89,075</b>
Legislative branch.....	65	85	97	99	118	126	133	161
The Judiciary.....	30	37	30	44	47	49	52	50
Executive Office of the President.....	9	10	10	75	56	56	69	32
Funds appropriated to the President.....	4,381	4,473	4,110	4,081	1,776	1,756	1,882	2,171
Department of Agriculture.....	4,636	5,177	5,006	4,875	7,091	5,419	5,929	7,177
Department of Commerce.....	1,077	1,293	562	327	382	539	498	650
Department of Defense:								
Military.....	35,532	35,791	38,439	39,062	43,573	42,824	44,676	48,250
Civil.....	548	573	639	733	807	902	972	1,015
Dept. of Health, Education, and Welfare.....	1,993	2,071	2,295	2,645	3,092	3,493	3,685	4,469
Department of the Interior.....	515	512	572	666	751	690	801	873
Department of Justice.....	182	216	214	229	250	258	284	298
Department of Labor.....	394	412	418	567	1,016	549	831	563
Post Office Department (general fund).....	356	465	518	674	774	525	914	853
Department of State.....	137	142	179	206	264	247	258	453
Treasury Department:								
Interest on public debt.....	6,370	6,787	7,244	7,607	7,593	9,180	8,957	8,900
Other.....	430	932	817	839	2,248	951	996	1,073
Atomic Energy Commission.....	1,857	1,651	1,990	2,268	2,541	2,623	2,713	2,830
Federal Aviation Agency.....				277	441	508	638	708
General Services Administration.....	973	523	558	425	359	408	387	501
Housing and Home Finance Agency.....	153	39	123	199	1,152	309	502	940
National Aeronautics and Space Admin. <sup>2</sup> .....	74	71	70	80	145	401	744	1,300
Veterans Administration.....	4,405	4,731	4,805	5,098	5,232	5,250	5,401	5,560
Other independent agencies.....	430	520	840	828	956	231	794	734
District of Columbia (U.S. share).....	22	22	26	25	31	28	50	90
Allowance for contingencies.....								75
<b>Deduct: Interfund transactions (included in both receipts and expenditures).....</b>	<b>181</b>	<b>315</b>	<b>467</b>	<b>567</b>	<b>355</b>	<b>694</b>	<b>654</b>	<b>656</b>

<sup>1</sup> Deduct. <sup>2</sup> Prior to 1958, National Advisory Committee for Aeronautics.

### No. 502. TRUST FUND RECEIPTS AND EXPENDITURES OF THE FEDERAL GOVERNMENT, BY MAJOR FUND: 1955 TO 1962

[In millions of dollars. For years ending June 30. Receipts based on collections received and deposited, including U.S. Government securities received in lieu of cash and contributions to the trust funds from the general fund; excludes conversion of U.S. Government securities on hand into cash. Expenditures stated on a checks-issued basis, less refunds collected; excludes net investments in U.S. Government securities]

DESCRIPTION	1955	1956	1957	1958	1959	1960	1961	1962 esti- mate
<b>Total trust fund receipts</b> <sup>1</sup> .....	<b>9,536</b>	<b>11,685</b>	<b>14,369</b>	<b>16,329</b>	<b>17,084</b>	<b>21,442</b>	<b>23,807</b>	<b>24,515</b>
Federal OASI trust fund.....	5,586	7,003	7,159	7,900	8,182	10,439	11,910	12,252
Federal disability insurance trust fund.....	(3)		339	943	938	1,071	1,093	1,116
Unemployment trust fund.....	1,425	1,728	1,912	1,855	1,997	2,703	3,805	3,584
Railroad retirement account.....	700	739	723	695	758	1,403	1,051	1,110
Federal employees retirement funds.....	<sup>2</sup> 708	1,025	1,397	1,458	1,741	1,766	2,033	2,063
Highway trust fund.....			1,482	2,134	2,185	2,644	2,025	3,136
Veterans life insurance funds.....	668	722	677	707	698	703	725	744
<b>Total trust fund expenditures</b> <sup>1</sup> .....	<b>8,546</b>	<b>9,434</b>	<b>12,961</b>	<b>16,069</b>	<b>18,597</b>	<b>21,799</b>	<b>23,239</b>	<b>25,574</b>
Federal OASI trust fund.....	4,487	6,551	6,723	8,116	9,454	11,152	11,839	13,325
Federal disability insurance trust fund.....			1	181	371	571	756	1,076
Unemployment trust fund.....	1,965	1,393	1,644	3,148	3,054	2,736	4,736	3,844
Railroad retirement account.....	585	611	682	730	778	1,136	1,124	1,126
Federal employees retirement funds.....	430	507	590	699	792	852	879	1,022
Highway trust fund.....			966	1,602	2,709	3,049	2,745	3,161
Veterans life insurance funds.....	622	599	601	664	642	665	801	749
Federal National Mortgage Association trust fund, net.....	<sup>3</sup> 84	112	971	105	134	988	<sup>3</sup> 89	856
<b>Net accumulation</b> .....	<b>990</b>	<b>2,251</b>	<b>1,408</b>	<b>260</b>	<b>-1,513</b>	<b>-356</b>	<b>568</b>	<b>-1,029</b>

<sup>1</sup> Includes data for trust funds not shown separately.

<sup>2</sup> Disability fund included in retirement fund. <sup>3</sup> Deduct.

Source of tables 501 and 502: Executive Office of the President, Bureau of the Budget; *Budget of the U.S. Government*.

# NO. 503. RECEIPTS FROM AND PAYMENTS TO THE PUBLIC BY THE FEDERAL GOVERNMENT: 1930 TO 1963

[In billions of dollars. For years ending June 30. Receipts from and payments to public exclude intragovernmental financial transactions but include operations of trust (including deposit) accounts and Government-sponsored enterprises as reflected on the books of the Treasurer of the United States as well as budget accounts of Federal Government. Net cash borrowing or repayment of borrowing from the public excludes borrowing by Treasury from Federal trust accounts and Government-sponsored enterprises, and also excludes certain types of public debt transactions like issuance and redemption of Armed Forces leave bonds. The public is defined to comprise individuals; banks (including Federal Reserve and Postal Savings System); private corporations; businesses; State, local, and foreign governments; and international organizations. For additional explanation, see 1963 Budget, pp. 279-282, and headnote to table 501. See also *Historical Statistics, Colonial Times to 1957*, series Y 380-388]

YEAR	Receipts from the public <sup>1</sup>	Payments to the public	Excess of receipts or payments (-)	Receipts from exercise of monetary authority <sup>2</sup>	Increase (-) or decrease in cash balances <sup>3</sup>	Net cash borrowing (-) or repayment of borrowing from the public
	(1)	(2)	(3) = (1) - (2)	(4)	(5)	(6) = (3) + (4) + (5)
1930.....	4.0	3.1	0.9	(4)	(4)	0.9
1935.....	3.8	6.3	-2.4	0.2	0.7	-1.5
1940.....	6.9	9.6	-2.7	.1	.9	-1.7
1945.....	50.2	95.2	-45.0	.1	-4.5	-49.5
1950.....	40.9	43.1	-2.2	(4)	-2.0	-4.2
1951.....	53.4	45.8	7.6	(4)	-1.8	5.8
1952.....	68.0	68.0	(4)	.1	.4	.5
1953.....	71.5	76.8	-5.3	.1	2.3	-2.9
1954.....	71.6	71.9	-.2	.1	-2.4	-2.5
1955.....	67.8	70.5	-2.7	(4)	.9	-1.8
1956.....	77.1	72.6	4.5	(4)	-1.1	4.4
1957.....	82.1	80.0	2.1	(4)	1.0	3.1
1958.....	81.9	83.4	-1.5	.1	-4.3	-5.8
1959.....	81.7	94.8	-13.1	(4)	4.4	-8.7
1960.....	95.1	94.3	.8	.1	-2.7	-1.8
1961.....	87.2	99.5	-12.3	.1	1.5	-7.7
1962 estimate.....	102.6	111.1	-8.5	.1	.7	-7.8
1963 estimate.....	116.6	114.8	1.8	(4)		1.8

<sup>1</sup> Receipts are net of refunds.

<sup>2</sup> Consists of the increment resulting from reduction in weight of the gold dollar and the seigniorage on silver.

<sup>3</sup> Through 1953, consists of change in Treasurer's balance; thereafter, also includes change in cash balances held outside the Treasury.

<sup>4</sup> \$50 million or less.

Source: Executive Office of the President, Bureau of the Budget; *Budget of the United States Government*, Special Analysis B, and records.

## NO. 504. BUDGET RECEIPTS AND EXPENDITURES OF THE FEDERAL GOVERNMENT—PERCENT DISTRIBUTION, BY MAJOR FUNCTION: 1955 TO 1962

[For years ending June 30. For explanation of terms, see headnote, table 501. Based on figures shown in table 505]

MAJOR FUNCTION	1955	1956	1957	1958	1959	1960	1961	1962 estimate
<b>Budget receipts.....</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Individual income taxes.....	47.7	47.5	50.5	50.6	54.1	52.4	53.2	54.8
Corporation income taxes.....	29.7	30.8	30.0	29.3	25.5	27.6	27.0	26.0
Excise taxes.....	15.2	14.6	12.8	12.6	12.5	11.8	11.7	11.7
Customs, employment taxes, and other receipts.....	7.7	7.6	7.4	8.3	8.4	9.1	8.9	8.3
<b>Deduct: Interfund transactions (included in both receipts and expenditures).....</b>	<b>0.8</b>	<b>0.5</b>	<b>0.7</b>	<b>0.8</b>	<b>0.5</b>	<b>0.9</b>	<b>0.8</b>	<b>0.8</b>
<b>Budget expenditures <sup>1</sup>.....</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
National defense.....	63.2	61.5	62.9	62.0	57.9	59.7	58.3	57.5
International affairs and finance.....	3.4	2.8	2.9	3.1	4.7	2.4	3.1	3.2
Space research and technology.....	0.1	0.1	0.1	0.1	0.2	0.5	0.9	1.5
Agriculture and agricultural resources.....	6.8	7.3	6.6	6.2	8.2	6.4	6.3	7.1
Natural resources.....	1.9	1.7	1.9	2.1	2.1	2.2	2.5	2.4
Commerce and transportation.....	1.9	2.9	1.9	2.3	2.5	2.6	3.2	3.3
Housing and community development.....	0.2	(2)	-0.2	(2)	1.2	0.2	0.4	0.6
Health, labor, and welfare.....	3.4	3.7	3.8	4.3	4.8	4.8	5.2	5.3
Education.....	0.6	0.5	0.6	0.8	0.9	1.1	1.1	1.3
Veterans benefits and services.....	7.0	7.3	7.1	7.3	6.6	6.9	6.6	6.3
Interest.....	10.0	10.3	10.6	10.8	9.5	12.1	11.1	10.1
General government.....	1.8	2.4	2.5	1.8	1.8	2.0	2.1	2.1
<b>Deduct: Interfund transactions (included in both receipts and expenditures).....</b>	<b>0.3</b>	<b>0.5</b>	<b>0.7</b>	<b>0.8</b>	<b>0.4</b>	<b>0.9</b>	<b>0.8</b>	<b>0.7</b>

<sup>1</sup> Net of receipts of public enterprise funds.

<sup>2</sup> Less than 0.05 percent.

Source: Executive Office of the President, Bureau of the Budget; *Budget of the United States Government*.



**No. 505. BUDGET RECEIPTS AND EXPENDITURES OF THE FEDERAL GOVERNMENT,  
BY FUNCTION: 1955 to 1962**

[In millions of dollars. For years ending June 30. For explanation of terms, see headnote, table 501. See also *Historical Statistics, Colonial Times to 1957, series Y 251-256 and Y 356-367*]

SOURCE AND FUNCTION	1955	1956	1957	1958	1959	1960	1961	1962 estimate
Budget surplus (+) or deficit (-)	-4,180	+1,626	+1,596	-2,819	-12,427	+1,224	-3,856	-6,975
<b>Budget receipts</b>	<b>60,209</b>	<b>67,850</b>	<b>70,562</b>	<b>68,550</b>	<b>67,915</b>	<b>77,763</b>	<b>77,659</b>	<b>82,100</b>
Individual income taxes	28,747	32,188	35,020	34,724	36,719	40,715	41,338	45,000
Corporation income taxes	17,861	20,880	21,167	20,074	17,309	21,494	20,951	21,300
Excise taxes	9,131	9,929	9,055	8,012	8,504	9,137	9,063	9,627
Employment taxes	579	322	328	333	321	339	(1)	---
Estate and gift taxes	924	1,161	1,365	1,333	1,333	1,606	1,596	2,090
Customs	585	682	735	782	925	1,105	982	1,215
Miscellaneous receipts <sup>2</sup>	2,562	3,004	2,760	3,200	3,160	4,062	4,030	3,524
Debit: Interfund transactions	131	515	497	567	555	694	654	659
<b>Budget expenditures<sup>3</sup></b>	<b>64,389</b>	<b>66,224</b>	<b>68,966</b>	<b>71,369</b>	<b>80,342</b>	<b>76,539</b>	<b>81,515</b>	<b>89,075</b>
<b>National defense</b>	<b>40,695</b>	<b>40,723</b>	<b>43,380</b>	<b>44,234</b>	<b>46,491</b>	<b>45,691</b>	<b>47,491</b>	<b>51,212</b>
Department of Defense military functions	35,531	35,791	38,436	30,070	41,223	41,215	43,227	46,850
Military assistance	2,292	2,611	2,352	2,187	2,340	1,609	1,449	1,400
Atomic energy	1,857	1,651	1,990	2,268	2,541	2,623	2,713	2,830
Defense-related services	1,015	670	582	708	387	244	104	132
<b>International affairs and finance</b>	<b>2,181</b>	<b>1,853</b>	<b>1,973</b>	<b>2,231</b>	<b>3,780</b>	<b>1,832</b>	<b>2,500</b>	<b>2,896</b>
Conduct of foreign affairs	121	129	157	173	237	217	216	390
Economic and financial assistance	1,960	1,613	1,683	1,910	3,403	1,477	2,126	2,308
Foreign information and exchange activities	100	111	133	140	139	137	153	197
<b>Space research and technology</b>	<b>74</b>	<b>71</b>	<b>76</b>	<b>89</b>	<b>145</b>	<b>401</b>	<b>744</b>	<b>1,300</b>
<b>Agriculture and agricultural resources</b>	<b>4,388</b>	<b>4,868</b>	<b>4,516</b>	<b>4,419</b>	<b>6,590</b>	<b>4,882</b>	<b>5,173</b>	<b>6,343</b>
Farm income support and production adjustment	3,486	3,900	3,430	3,284	5,297	3,602	3,801	5,031
Financing farm ownership and operation	236	232	248	269	311	289	349	156
Financing rural electrification and rural telephones	204	217	267	207	315	330	301	330
Agricultural land and water resources	290	305	374	315	376	368	397	420
Research and other agricultural services	173	215	227	255	291	293	324	356
<b>Natural resources</b>	<b>1,203</b>	<b>1,105</b>	<b>1,298</b>	<b>1,544</b>	<b>1,670</b>	<b>1,714</b>	<b>2,066</b>	<b>2,117</b>
Land and water resources	935	804	925	1,139	1,184	1,235	1,394	1,515
Forest resources	119	139	163	174	201	220	331	294
Mineral resources	37	38	62	59	71	65	61	68
Fish and wildlife resources	43	45	51	60	68	68	73	81
Recreational resources	35	44	50	60	85	74	91	97
General resource surveys and administration	34	36	38	44	61	51	55	63
<b>Commerce and transportation</b>	<b>1,225</b>	<b>1,892</b>	<b>1,313</b>	<b>1,631</b>	<b>2,017</b>	<b>1,963</b>	<b>2,573</b>	<b>2,915</b>
Aviation	179	180	219	315	494	508	716	791
Water transportation	349	420	365	392	435	508	569	646
Highways	647	783	40	31	30	38	36	39
Postal service	356	463	518	674	774	525	914	853
Advancement of business	-343	5	127	170	226	265	271	466
Area redevelopment	38	41	45	49	58	59	67	76
Regulation of business	38	41	45	49	58	59	67	76
<b>Housing and community development</b>	<b>136</b>	<b>-10</b>	<b>-118</b>	<b>30</b>	<b>976</b>	<b>122</b>	<b>320</b>	<b>545</b>
Aids to private housing	174	-67	-254	-126	732	-172	-44	8
Public housing	-116	31	60	51	97	134	150	166
Urban renewal and community facilities	56	4	49	78	108	130	162	277
National Capital area	22	23	27	26	33	30	51	94
<b>Health, labor, and welfare</b>	<b>2,165</b>	<b>2,462</b>	<b>2,632</b>	<b>3,059</b>	<b>3,877</b>	<b>3,690</b>	<b>4,244</b>	<b>4,708</b>
Health services and research	271	342	461	540	700	815	938	1,213
Labor and manpower	321	479	397	488	921	510	809	545
Public assistance	1,428	1,457	1,553	1,797	1,969	2,061	2,170	2,574
Other welfare services	145	184	216	234	284	304	326	376
<b>Education</b>	<b>377</b>	<b>343</b>	<b>437</b>	<b>541</b>	<b>732</b>	<b>866</b>	<b>943</b>	<b>1,143</b>
Aid to elementary and secondary education	215	181	174	180	259	327	332	357
Aid to higher education	43	44	110	178	225	261	286	379
Aid to science education and basic research	11	20	46	50	106	120	143	190
Other aid to education	109	98	108	124	141	156	181	208

See footnotes at end of table.

# No. 505. BUDGET RECEIPTS AND EXPENDITURES OF THE FEDERAL GOVERNMENT, BY FUNCTION: 1955 TO 1962—Continued

[In millions of dollars]

SOURCE AND FUNCTION	1955	1956	1957	1958	1959	1960	1961	1962 esti- mate
<b>Budget expenditures <sup>3</sup>—Continued</b>								
<b>Veterans benefits and services.....</b>	<b>4,522</b>	<b>4,810</b>	<b>4,870</b>	<b>5,184</b>	<b>5,287</b>	<b>5,266</b>	<b>5,414</b>	<b>5,572</b>
Veterans service-connected compensa- tion.....	1,829	1,864	1,876	2,024	2,071	2,049	2,034	2,069
Veterans nonservice-connected pensions.....	801	884	951	1,030	1,153	1,263	1,532	1,670
Veterans readjustment benefits.....	879	944	977	1,026	804	725	559	498
Veterans hospitals and medical care.....	727	788	801	856	921	961	1,030	1,095
Other veterans benefits and services.....	286	331	266	242	280	266	259	299
<b>Interest.....</b>	<b>6,438</b>	<b>6,846</b>	<b>7,307</b>	<b>7,689</b>	<b>7,671</b>	<b>9,266</b>	<b>9,950</b>	<b>8,998</b>
Interest on the public debt.....	6,370	6,787	7,244	7,607	7,593	9,180	8,957	8,960
Interest on refunds of receipts.....	62	54	57	74	69	76	83	58
Interest on uninvested funds.....	5	0	6	8	9	10	10	10
<b>General government.....</b>	<b>1,166</b>	<b>1,576</b>	<b>1,738</b>	<b>1,284</b>	<b>1,466</b>	<b>1,542</b>	<b>1,709</b>	<b>1,910</b>
Legislative functions.....	60	70	90	89	102	109	118	142
Judicial functions.....	31	38	40	44	47	49	52	59
Executive direction and management.....	12	12	12	19	21	20	22	26
Central fiscal operations.....	431	475	476	502	566	558	607	664
General property and records man- agement.....	168	173	201	245	295	372	372	474
Central personnel management.....	96	304	602	84	95	84	140	107
Protective services and alien control.....	185	220	219	233	255	263	289	303
Other general government.....	183	278	100	09	80	88	109	135
<b>Allowance for pay adjustment and con- tingencies.....</b>								<b>75</b>
<b>Deduct: Interfund transactions.....</b>	<b>181</b>	<b>315</b>	<b>467</b>	<b>567</b>	<b>355</b>	<b>694</b>	<b>654</b>	<b>656</b>

<sup>1</sup> Less than \$500,000.

<sup>2</sup> Includes taxes not otherwise classified.

<sup>3</sup> Net of receipts of public enterprise funds.

Source: Executive Office of the President, Bureau of the Budget; *Budget of the United States Government*, and records.

## No. 506. SUBSIDY PROGRAMS OF THE FEDERAL GOVERNMENT—NET EXPENDITURES: 1955 TO 1963

[In millions of dollars. For years ending June 30. Minus sign (—) indicates receipts exceeding expenditures. Excludes veterans programs, foreign aid, grants to help provide public assistance to the needy, grants to States to help finance low-priced school lunches, hospital operation and medical care administered by the Public Health Service, and various aids to Indians. Due to changes in classification, not all programs are strictly comparable for all years]

PROGRAM	1955	1957	1958	1959	1960	1961	1962 esti- mate	1963 esti- mate
<b>Total.....</b>	<b>4,709</b>	<b>5,961</b>	<b>6,532</b>	<b>7,384</b>	<b>7,110</b>	<b>7,170</b>	<b>8,055</b>	<b>7,401</b>
<b>Net current expenses for listed aids and special services.....</b>	<b>1,995</b>	<b>4,854</b>	<b>4,870</b>	<b>5,734</b>	<b>5,155</b>	<b>6,571</b>	<b>7,595</b>	<b>6,693</b>
<b>Agriculture.....</b>	<b>1,074</b>	<b>3,564</b>	<b>3,242</b>	<b>3,484</b>	<b>3,458</b>	<b>4,254</b>	<b>5,366</b>	<b>5,255</b>
Direct Federal programs:								
Commodity Credit Corporation:								
Transfer to supplemental stockpile.....		(1)	84	315	192	201	225	250
Sales for foreign currency.....	130	1,338	1,073	1,022	1,232	1,455	1,333	1,131
Price support, supply, and related programs.....	472	975	876	872	1,433	1,992	2,966	2,925
International Wheat Agreement.....	160	114	253	169	66	76	81	81
Other.....					101	145	329	325
Soil bank program; Acreage reserve Sugar Act.....	70	511	522	609				
Other Department of Agriculture programs.....	97	67	70	67	74	72	82	87
Other agencies.....	17	132	107	135	114	90	90	213
Grants-in-aid:		128	6	3	4	19	24	7
Removal of surplus commodities.....	43	151	117	127	67	203	225	235
Commodity Credit Corporation.....	135	120	124	154	163	(2)	(2)	(2)
Other.....	9	27	11	11	11	(3)	(3)	(3)

See footnotes at end of table.

**No. 506. SUBSIDY PROGRAMS OF THE FEDERAL GOVERNMENT—NET EXPENDITURES:  
1955 to 1963—Continued**

[In millions of dollars]

PROGRAM	1955	1957	1958	1959	1960	1961	1962 esti- mate	1963 esti- mate
Net current expenses for listed aids and special services—Continued								
Business.....	757	1,011	1,280	1,493	1,343	1,794	1,859	1,343
Civil-direct Federal programs:								
Department of Commerce:								
Air navigation aids.....	86	116	156	228	273	4 333	4 366	4 415
Payments to air carriers.....	58	39	38	53	60	3 78	3 83	3 86
Maritime subsidies and admin.....	121	114	127	133	158	155	211	228
Other.....	43	36	38	66	49	61	66	85
Department of Defense, civil func- tions:								
Rivers, harbors, and flood control.....	67	68	74	72	80	90	102	99
Panama Canal Company.....	-8	-14	-9	-6	-17	-11	-15	-11
Other.....	2	-1	1	-2	-1			
Post Office Department, excl. Govt. mail and nonbusiness service.....	346	502	664	736	495	875	794	102
Treasury Department, Coast Guard, Other agencies.....	21	130	144	177	176	199	208	217
Other agencies.....	5	5	5	4	6	18	26	30
National defense, expansion of defense production.....	16	17	41	42	65	7	17	4
Labor.....	269	333	388	761	324	514	367	31
Direct Federal programs.....	77	14	64	464	7	15	25	31
Grants-in-aid:								
Unemployment compensation and employment service, Dept. of Labor.....	192	248	291	297	317	498	342	
Unemployment trust fund, Treas- ury Dept.....		71	33					
Homeowners and tenants.....	-105	-54	-40	-4	30	9	3	64
Direct Federal programs:								
Federal Home Loan Bank Board.....	-25	-33	-38	-41	-20	-35	-239	-270
Housing and Home Finance Agency: Federal National Mortgage Asso- ciation.....	-52	-32	-30	-58	-47	61	-33	-42
Federal Housing Administration.....	-118	-112	-108	-98	-142	-232	-128	-186
Other.....	-10	7	6	7	9	-74	12	33
Grants-in-aid:								
Public housing.....	67	87	95	111	127	151	173	192
Urban renewal and slum clearance.....	34	30	35	76	102	139	219	338
Major commodity inventories, net change.....	2,392	713	1,115	1,007	1,119	-341	-531	-272
Civil.....	1,552	282	547	754	1,032	-390	-620	-376
Commodity Credit Corporation: Agri- cultural commodities.....	1,686	231	510	740	1,022	-390	-620	-401
Other agencies.....	-134	52	37	14	10			26
National defense.....	840	431	568	253	87	49	90	104
Funds appropriated to the President: Expansion of defense production.....	78	108	408	221	79	32	26	6
Other.....	762	323	160	32	8	17	64	98
Additions to civil private physical assets: Research and development facilities: Dept. of Health, Education, and Wel- fare and National Science Foundation.....	322	394	547	643	836	940	991	980
Agricultural stabilization and conserva- tion.....	231	275	347	410	561	614	596	535
Soil Conservation Service.....	60	66	76	95	91	105	106	109
Commodity Credit Corporation: Loans to Secy. of Agriculture for agricultural conservation purposes.....	-19	-13	22	7	(9)	1	7	-4
Department of Commerce: Merchant ships.....	5	17	28	28	70	97	114	103
Other agencies.....	3	5	5	6	4	1		
Grants-in-aid:								
Private hospital construction.....	40	39	58	74	80	93	102	111
Other.....	2	1	2	3	2	2	2	2

<sup>1</sup> Included among other CCC programs.

<sup>2</sup> Included in Commodity Credit Corporation: "Price support, supply and related programs," and "Other."

<sup>3</sup> Included in other Department of Agriculture programs.

<sup>4</sup> Under Federal Aviation Agency.

<sup>5</sup> By Civil Aeronautics Board.

<sup>6</sup> Less than \$500,000.

Source: 1955-1959: U.S. Congress, Joint Economic Committee; *Subsidy and Subsidylike Programs of the U.S. Government*. 1960-1963 and revisions for earlier years: Library of Congress, Legislative Reference Service.

## No. 507. INTERNAL REVENUE COLLECTIONS, BY PRINCIPAL SOURCES: 1940 TO 1961

[In millions of dollars. For years ending June 30. Includes Alaska and Hawaii, and collections outside U.S.; see table 509. Data prior to 1955 differ from those in table 499 because certain taxes paid currently into Treasury depositories were excluded by Internal Revenue Service until quarterly returns supported by depository receipts reached IRS offices. See also *Historical Statistics, Colonial Times to 1957*, series Y 264-279]

YEAR	Total internal revenue collections	INCOME, PROFITS, AND EMPLOYMENT TAXES <sup>1</sup>			Estate and gift taxes	Alcohol taxes <sup>4</sup>	Tobacco taxes <sup>4</sup>	Manufacturers' excise taxes	All other taxes
		Total	Individual income and employment taxes <sup>2</sup>	Corporation income and profits taxes <sup>3</sup>					
1940.....	5,340	2,963	1,816	1,148	300	624	609	447	337
1945.....	43,800	30,841	20,813	10,027	643	2,310	932	783	2,292
1950.....	38,957	30,652	19,798	10,854	706	2,219	1,328	1,836	2,215
1955.....	66,289	56,134	37,870	18,265	936	2,743	1,571	2,885	2,019
1956.....	75,113	63,932	42,633	21,299	1,171	2,921	1,613	3,456	2,019
1957.....	80,172	68,141	46,010	21,531	1,378	2,973	1,674	3,762	2,244
1958.....	79,978	67,746	47,213	20,533	1,411	2,946	1,734	3,674	2,167
1959.....	79,798	67,680	49,588	18,092	1,333	3,002	1,807	3,959	1,997
1960.....	91,775	78,284	56,104	22,179	1,626	3,194	1,832	4,735	2,004
1961.....	94,461	80,420	58,655	21,765	1,910	3,213	1,991	4,897	1,964

<sup>1</sup> Beginning 1957, collections are adjusted to exclude amounts transferred to the Government of Guam.

<sup>2</sup> Beginning January 1955, withheld income taxes and social security employment taxes on employees and employers are paid into the Treasury in combined amounts without separation as to type of tax; figures for prior years have been combined accordingly in this table for purposes of comparison.

<sup>3</sup> Includes tax on business income of exempt organizations.

<sup>4</sup> Includes taxes collected in Puerto Rico on tobacco and liquor manufactures coming into the United States.

## No. 508. INTERNAL REVENUE COLLECTIONS, BY DETAILED SOURCES: 1960 AND 1961

[In millions of dollars. For years ending June 30. Includes Alaska and Hawaii, and collections outside U.S. See also *Historical Statistics, Colonial Times to 1967*, series Y 264-279, for selected items]

TYPE OF TAX	1960	1961	TYPE OF TAX	1960	1961
Total.....	91,775	94,461	Manufacturers' excise taxes—		
Individual income and employment.....	56,104	58,655	Continued		
Withheld.....	41,791	44,313	Mechanical pencils, etc.....	10	9
Not withheld.....	13,972	13,997	Refrigerators, freezers, air conditioners, etc.....	50	56
Unemployment insurance.....	341	345	Matches.....	5	5
Corporation income tax.....	22,179	21,765	Business and store machines.....	99	98
Estate tax.....	1,439	1,745	Cameras, lenses, and film.....	26	25
Gift tax.....	187	171	Sporting goods.....	19	21
Alcohol taxes <sup>1</sup> .....	3,194	3,213	Firearms, shells, cartridges.....	18	17
Distilled spirits.....	2,292	2,315	Retailers' excise taxes.....	379	398
Wines, cordials, etc.....	100	98	Furs.....	30	20
Beer.....	801	800	Jewelry.....	166	168
Tobacco taxes <sup>1</sup> .....	1,932	1,991	Luggage.....	63	68
Cigarettes.....	1,864	1,924	Toilet preparations.....	120	131
Cigars.....	50	50	Miscellaneous excise taxes.....	1,387	1,468
Other.....	18	18	Sugar.....	90	92
Documents, other instruments, and playing cards.....	139	149	Long distance telephone, telegraph, cable, radio, etc., and wire service.....	312	344
Manufacturers' excise taxes.....	4,735	4,897	Local telephone service.....	426	483
Lubricating oils.....	82	74	Transportation of—		
Gasoline, including floor tax.....	2,016	2,370	Persons, seats, berths.....	255	264
Tires and tubes.....	304	280	Other <sup>2</sup> .....	3	1
Trucks and buses, chassis, bodies, etc.....	272	237	Use of safe deposit boxes.....	6	7
Passenger cars, chassis, bodies, etc.....	1,331	1,229	Club dues and initiation fees.....	67	64
Parts and accessories for cars, trucks, etc.....	189	189	Bowling alleys, pool tables, etc.....	4	4
Electric, gas, and oil appliances.....	69	64	Coin-operated devices.....	20	24
Electric light bulbs and tubes.....	32	33	Admissions.....	84	70
Radio and television sets, phonographs, components, etc.....	169	149	Theaters, concerts, etc.....	34	37
Phonograph records.....	24	23	Cabarets, roof gardens, etc.....	50	34
Musical instruments.....	18	18	Use tax on highway motor vehicles weighing over 26,000 pounds.....	38	46
			Diesel fuel.....	72	89
			Wagering.....	7	7
			Other.....	2	1
			All other <sup>3</sup> .....	100	-81

<sup>1</sup> Includes taxes collected in Puerto Rico on tobacco and liquor manufactures coming into the United States.

<sup>2</sup> Taxes on transportation of oil by pipeline, and of property, were repealed, effective Aug. 1, 1958.

<sup>3</sup> Includes undistributed depository receipts and unclassified advance payments of excise taxes.

Source of tables 507 and 508: Treasury Department, Internal Revenue Service; *Annual Report of the Commissioner*.

# No. 509. INTERNAL REVENUE COLLECTIONS, BY STATES AND OTHER AREAS: 1959 TO 1961

[In millions of dollars. For years ending June 30. Tax receipts are classified by States in which collections are made. Receipts in the various States do not indicate the tax burden of the respective States, since burden may eventually be borne by persons in other States]

STATE OR OTHER AREA	TOTAL <sup>1</sup>			INDIVIDUAL INCOME AND EMPLOYMENT TAXES			CORPORATION INCOME AND PROFITS TAXES <sup>2</sup>		
	1959	1960	1961	1959	1960	1961	1959	1960	1961
<b>Total</b> .....	79,798	91,775	91,401	49,588	56,104	58,655	18,092	22,179	21,765
<b>New England</b> .....	4,281	5,043	5,268	2,982	3,456	3,680	897	1,110	1,073
Maine.....	103	220	242	144	164	179	39	43	45
New Hampshire.....	153	182	194	121	142	154	26	31	31
Vermont.....	78	89	96	60	68	75	11	14	13
Massachusetts.....	2,210	2,604	2,749	1,526	1,789	1,913	476	555	582
Rhode Island.....	311	362	376	223	262	275	53	70	67
Connecticut.....	1,336	1,586	1,610	903	1,031	1,084	291	367	335
<b>Middle Atlantic</b> .....	23,269	26,108	27,441	13,663	15,215	16,274	6,694	7,731	7,693
New York.....	15,433	17,280	18,234	8,536	9,395	10,208	5,069	5,844	5,836
New Jersey.....	2,443	2,766	2,960	1,609	1,830	1,948	506	589	621
Pennsylvania.....	5,393	6,062	6,247	3,518	3,980	4,118	1,090	1,298	1,237
<b>East North Central</b> .....	19,622	23,756	24,637	11,558	13,313	13,919	4,639	6,484	6,179
Ohio.....	5,047	5,831	5,809	3,098	3,540	3,615	1,308	1,583	1,476
Indiana.....	1,759	2,082	2,065	1,120	1,280	1,372	303	380	340
Illinois.....	6,395	7,342	7,537	3,932	4,414	4,729	1,639	2,011	1,861
Michigan.....	5,011	6,855	6,916	2,550	3,035	3,116	1,037	2,076	2,113
Wisconsin.....	1,409	1,646	1,669	830	1,038	1,086	352	427	380
<b>West North Central</b> .....	5,162	5,779	5,970	3,484	3,866	4,070	1,170	1,381	1,301
Minnesota.....	1,292	1,461	1,496	837	946	1,004	337	391	345
Iowa.....	684	737	754	501	530	558	147	168	150
Missouri.....	1,910	2,198	2,272	1,205	1,362	1,426	468	571	555
North Dakota.....	96	101	106	82	88	90	10	10	11
South Dakota.....	108	113	123	90	94	99	14	15	16
Nebraska.....	485	532	571	358	389	415	73	87	95
Kansas.....	583	637	649	412	457	478	122	141	127
<b>South Atlantic</b> .....	8,471	9,677	10,011	4,776	5,701	5,701	1,649	2,008	1,990
Delaware.....	686	834	814	286	323	332	300	406	408
Maryland.....	1,937	2,100	2,202	1,410	1,506	1,601	242	296	292
Virginia.....	1,231	1,388	1,410	639	715	765	208	246	217
West Virginia.....	308	326	332	234	253	257	53	52	51
North Carolina.....	1,084	2,281	2,366	581	689	723	264	386	382
South Carolina.....	283	360	405	216	290	282	56	85	102
Georgia.....	880	1,011	1,081	583	669	714	198	228	237
Florida.....	1,147	1,876	1,899	830	994	1,027	210	261	238
<b>East South Central</b> .....	2,914	3,221	3,298	1,418	1,608	1,690	424	504	491
Kentucky.....	1,541	1,635	1,638	303	457	451	155	176	167
Tennessee.....	645	758	798	397	552	580	127	158	156
Alabama.....	193	231	242	151	184	192	26	32	32
Mississippi.....	4,379	4,584	5,077	2,944	3,253	3,371	866	986	985
<b>West South Central</b> .....	197	229	244	150	166	166	29	33	34
Arkansas.....	689	764	784	461	515	529	149	147	151
Louisiana.....	810	910	938	455	493	515	142	183	178
Texas.....	2,082	2,973	3,110	1,890	2,058	2,132	545	623	622
<b>Mountain</b> .....	2,122	2,355	2,513	1,166	1,864	1,971	296	320	344
Montana.....	145	154	157	113	122	125	23	24	25
Idaho.....	147	157	169	116	127	136	26	25	26
Wyoming.....	78	87	91	61	68	71	8	10	9
Colorado.....	976	1,056	1,123	760	837	877	120	127	137
New Mexico.....	178	201	210	140	167	175	21	25	23
Arizona.....	266	310	351	214	252	270	41	45	55
Utah.....	217	248	264	157	186	198	43	42	47
Nevada.....	115	141	150	86	104	111	15	22	23
<b>Pacific</b> .....	8,609	9,914	10,485	6,184	7,227	7,633	1,455	1,613	1,688
Washington.....	970	1,043	1,001	715	791	831	176	171	171
Oregon.....	492	600	599	400	477	485	69	98	88
California.....	6,024	7,908	8,486	4,893	5,746	6,071	1,176	1,298	1,381
Alaska.....	48	57	66	43	51	50	3	4	4
Hawaii.....	175	217	242	133	163	187	31	41	43
<b>International Opera-</b>									
<b>tions</b> .....	160	216	272	127	169	206	2	12	21
Puerto Rico.....	45	53	63	22	28	34	(4)	(4)	(4)
Other.....	115	163	209	105	142	172	2	12	21
<b>Undistributed:</b>									
Depository receipts.....	815	826	-360	749	728	-278	-----	-----	-----
Transferred to Govern-									
ment of Guam.....	-4	-4	-4	-4	-4	-4	(4)	-----	-----
Withheld taxes of Fed-									
eral employees.....			393			393			

<sup>1</sup> Includes miscellaneous taxes in following amounts (in millions): 1959, \$12,118; 1960, \$13,491; 1961, \$13,981.

<sup>2</sup> Includes tax on business income of exempt organizations.

<sup>3</sup> Includes collections for D.C.; separate data not available. <sup>4</sup> Under \$500,000.

<sup>5</sup> Receipts issued in national totals only. Amounts shown represent issuances less depository receipts received with returns and distributed by State and tax class.

<sup>6</sup> Collections are adjusted to exclude amounts originally deposited in U.S. Treasury and subsequently transferred to the Government of Guam, in accordance with Public Law 630, approved Aug. 1, 1950.

Source: Treasury Department, Internal Revenue Service; *Annual Report of the Commissioner*.

# No. 510. INDIVIDUAL INCOME TAX LIABILITY AND EFFECTIVE RATES, FOR SELECTED INCOME GROUPS: 1924 TO 1961

[Maximum earned net income assumed. See also *Historical Statistics, Colonial Times to 1967*, series Y 319-332]

GROUP AND REVENUE ACT	INCOME YEAR	LIABILITY <sup>1</sup> (DOLLARS) OF THOSE WITH NET INCOME OF—									
		\$600	\$1,000	\$2,000	\$3,000	\$5,000	\$8,000	\$10,000	\$25,000	\$100,000	\$500,000
<b>Single person, no dependent:</b>											
1924.....	1924.....			15	30	60	150	225	1,635	22,645	190,645
1926.....	1925 <sup>2</sup> 1927.....			6	17	40	101	154	1,234	16,134	116,134
1928.....	1928, 1930-1931.....			6	17	40	101	154	1,099	15,844	115,844
	1929 <sup>3</sup> .....			2	6	13	52	60	922	14,930	110,930
1932.....	1932-1933.....			40	80	160	420	600	2,640	30,220	263,720
1934.....	1934-1935.....			32	68	140	378	560	2,804	31,404	264,844
1936, 1938 <sup>4</sup> .....	1936-1939.....			32	68	140	378	500	2,804	33,354	305,224
1940.....	1940 <sup>5</sup> .....		4	44	84	172	449	686	4,263	44,208	330,933
1941.....	1941.....		21	117	221	483	1,031	1,493	7,224	53,214	345,654
1942.....	1942 <sup>6</sup> .....	15	89	273	472	920	1,742	2,390	9,626	64,641	414,616
	1943 <sup>6,7</sup> .....	17	107	333	574	1,105	2,052	2,783	10,644	69,665	441,863
1944 <sup>8</sup> .....	1944-1945.....	23	115	345	585	1,105	2,035	2,755	10,590	69,870	444,350
1945.....	1946-1947.....	19	95	285	485	922	1,720	2,347	9,362	63,541	407,597
1948.....	1948-1949.....		66	292	409	811	1,546	2,124	8,600	58,762	395,000
1950.....	1950 <sup>12</sup> .....		70	244	428	843	1,004	2,201	8,898	60,770	395,221
1951.....	1951 <sup>10,12</sup> .....		82	286	498	964	1,816	2,486	9,976	67,274	429,750
	1952-1953 <sup>10,12</sup> .....		89	311	542	1,052	1,992	2,728	10,940	69,688	438,164
1954 <sup>11</sup> .....	1954-1961 <sup>10,12</sup> .....		80	280	488	944	1,780	2,436	9,796	66,798	429,274
<b>Married couple, no dependent:</b>											
1924.....	1924.....				8	38	105	165	1,565	22,575	199,575
1926.....	1925 <sup>2</sup> 1927.....					17	56	101	1,159	16,059	116,059
1928.....	1928, 1930-1931.....					17	56	101	1,024	15,769	115,769
	1929 <sup>3</sup> .....					6	22	52	862	14,870	110,870
1932.....	1932-1933.....				20	100	300	480	2,520	30,100	263,600
1934.....	1934-1935.....				8	80	248	415	2,489	30,594	263,944
1936, 1938 <sup>4</sup> .....	1936-1939.....				8	80	248	415	2,489	32,469	304,144
1940.....	1940 <sup>5</sup> .....				31	110	317	528	3,843	43,476	330,156
1941.....	1941.....			42	138	375	873	1,305	6,804	52,704	345,084
1942.....	1942 <sup>6</sup> .....			140	324	746	1,532	2,152	9,220	64,060	414,000
	1943 <sup>6,7</sup> .....	1	15	188	405	894	1,780	2,467	10,035	68,584	404,747
1944 <sup>8</sup> .....	1944-1945.....	3	15	245	475	975	1,885	2,585	10,205	69,435	443,805
1945.....	1946-1947.....			190	380	798	1,577	2,185	9,062	63,128	407,465
1948.....	1948-1949 <sup>12</sup> .....			133	299	631	1,206	1,621	5,877	46,403	359,662
1950.....	1950 <sup>12</sup> .....			139	313	661	1,257	1,686	6,057	47,904	370,657
1951.....	1951 <sup>10,12</sup> .....			163	367	775	1,443	1,928	6,874	53,516	404,500
	1952-1953 <sup>10,12</sup> .....			178	400	844	1,577	2,104	7,508	56,932	412,328
1954 <sup>11</sup> .....	1954-1961 <sup>10,12</sup> .....			160	360	760	1,416	1,888	6,724	52,776	403,548
<b>Married couple, 2 dependents:</b>											
1924.....	1924.....					26	81	141	1,525	22,535	190,535
1926.....	1925 <sup>2</sup> 1927.....					8	42	83	1,129	16,029	116,029
1928.....	1928, 1930-1931.....					8	42	83	994	15,739	115,739
	1929 <sup>3</sup> .....					3	14	40	838	14,846	110,846
1932.....	1932-1933.....				68	236	416	2,456	30,036	263,836	
1934.....	1934-1935.....				48	184	343	2,327	30,162	263,464	
1936, 1938 <sup>4</sup> .....	1936-1939.....				48	184	343	2,327	31,907	303,568	
1940.....	1940 <sup>5</sup> .....				75	246	440	3,571	42,948	329,637	
1941.....	1941.....			58	271	717	1,117	6,480	52,160	344,476	
1942.....	1942 <sup>6</sup> .....			13	191	592	1,322	1,914	8,814	63,479	413,364
	1943 <sup>6,7</sup> .....	1	14	58	267	730	1,553	2,208	9,574	67,803	439,931
1944 <sup>8</sup> .....	1944-1945.....	3	15	45	275	755	1,585	2,245	9,705	68,565	442,985
1945.....	1946-1947.....			190	569	1,292	1,862	8,522	62,301	406,600	
1948.....	1948-1949 <sup>12</sup> .....			100	432	974	1,361	5,476	45,643	358,677	
1950.....	1950 <sup>12</sup> .....			104	452	1,016	1,417	5,672	47,208	369,645	
1951.....	1951 <sup>10,12</sup> .....			122	530	1,174	1,622	6,406	52,840	403,408	
	1952-1953 <sup>10,12</sup> .....			133	577	1,282	1,774	7,004	56,032	411,224	
1954 <sup>11</sup> .....	1954-1961 <sup>10,12</sup> .....			120	520	1,152	1,592	6,268	51,912	402,456	

<sup>1</sup> Actual tax liability on selected net incomes and necessary assumptions.

<sup>2</sup> Provisions of 1926 Act were retroactive to 1925.

<sup>3</sup> Normal tax rates of 1928 Act were reduced for 1929 only by Joint Resolution of Congress, No. 133, approved in December 1929.

<sup>4</sup> Rates and exemptions for 1936 and 1938 Acts were identical and resulted in the same tax liabilities.

<sup>5</sup> Includes defense tax.

<sup>6</sup> Tax liabilities for 1942 and 1943 unadjusted for transition to current payment basis.

## Individual Income Taxes

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## No. 510. INDIVIDUAL INCOME TAX LIABILITY AND EFFECTIVE RATES, FOR SELECTED INCOME GROUPS: 1924 TO 1961—Continued

[Maximum earned net income assumed]

GROUP AND REVENUE ACT	INCOME YEAR	EFFECTIVE RATE <sup>13</sup> (PERCENT) FOR THOSE WITH NET INCOME OF—									
		\$600	\$1,000	\$2,000	\$3,000	\$5,000	\$8,000	\$10,000	\$25,000	\$100,000	\$500,000
<b>Single person, nondependent:</b>											
1924	1924			0.8	1.0	1.2	1.9	2.3	6.5	22.7	39.9
1926	1925-1927			0.3	0.6	0.8	1.3	1.5	4.9	16.1	23.2
1928	1928, 1930-1931			0.3	0.6	0.8	1.3	1.5	4.4	15.8	23.2
	1929 <sup>3</sup>			0.1	0.2	0.3	0.7	0.9	3.7	14.9	22.2
1932	1932-1933			2.0	2.7	3.2	5.3	6.0	10.6	30.2	52.7
1934	1934-1935			1.6	2.3	2.8	4.7	5.6	11.2	31.4	53.0
1936, 1938 <sup>4</sup>	1936-1939			1.6	2.3	2.8	4.7	5.6	11.2	33.4	61.0
1940	1940 <sup>5</sup>		0.4	2.2	2.8	3.4	5.6	6.9	17.0	44.3	66.2
1941	1941		2.1	5.9	7.4	9.7	12.9	14.9	28.9	53.2	69.1
1942	1942 <sup>6</sup>	2.5	8.9	13.7	15.7	18.4	21.8	23.9	38.5	64.6	82.9
	1943 <sup>6, 7</sup>	2.8	10.7	16.7	19.1	22.1	25.7	27.8	42.6	69.7	88.4
1944 <sup>8</sup>	1944-1945	3.8	11.5	17.3	19.5	22.1	25.4	27.6	42.4	69.9	88.9
1945	1946-1947	3.2	9.5	14.3	16.2	18.4	21.5	23.5	37.5	63.5	81.6
1948	1948-1949		6.6	11.6	13.6	16.2	18.3	21.2	34.4	58.8	77.0
1950	1950 <sup>12</sup>		7.0	12.2	14.3	16.9	20.0	22.0	35.6	60.8	79.2
1951	1951 <sup>10</sup>		8.2	14.3	16.6	19.3	22.7	24.9	39.9	67.3	86.0
	1952-1953 <sup>10, 12</sup>		8.9	15.5	18.1	21.0	24.9	27.2	43.8	69.7	87.2
1954 <sup>11</sup>	1954-1961 <sup>10, 12</sup>		8.0	14.0	16.3	18.9	22.3	24.4	39.2	66.8	85.9
<b>Married couple, no dependent:</b>											
1924	1924				0.3	0.8	1.3	1.7	6.3	22.6	39.9
1926	1925-1927					0.3	0.7	1.0	4.6	16.1	23.2
1928	1928, 1930-1931					0.3	0.7	1.0	4.1	15.8	23.2
	1929 <sup>3</sup>					0.1	0.3	0.5	3.5	14.9	22.2
1932	1932-1933				0.7	2.0	3.8	4.8	10.1	30.1	52.7
1934	1934-1935				0.3	1.6	3.1	4.2	10.0	30.6	52.8
1936, 1938 <sup>4</sup>	1936-1939				0.3	1.6	3.1	4.2	10.0	32.5	60.8
1940	1940 <sup>5</sup>				1.0	2.2	4.0	5.3	15.4	43.5	66.0
1941	1941		2.1	4.0	7.5	10.9	13.1	17.5	27.5	52.7	69.0
1942	1942 <sup>6</sup>		7.0	10.8	14.9	19.2	21.5	30.9	64.1	82.8	
	1943 <sup>6, 7</sup>	0.2	1.5	9.4	13.5	17.9	22.3	24.7	40.1	68.6	88.1
1944 <sup>8</sup>	1944-1945	0.5	1.5	12.3	15.8	19.5	23.6	25.9	41.2	69.4	88.8
1945	1946-1947			9.5	12.7	16.0	19.7	21.9	36.3	63.1	81.6
1948	1948-1949 <sup>12</sup>			6.6	10.0	12.6	15.1	16.2	23.5	46.4	71.5
1950	1950 <sup>12</sup>			7.0	10.4	13.2	15.7	16.9	24.3	48.0	74.1
1951	1951 <sup>10, 12</sup>			8.2	12.2	15.5	18.0	19.3	27.5	53.5	80.9
	1952-1953 <sup>10, 12</sup>			8.9	13.3	16.9	19.7	21.0	30.0	56.9	82.5
1954 <sup>11</sup>	1954-1961 <sup>10, 12</sup>			8.0	12.0	15.2	17.7	18.9	26.9	52.8	80.7
<b>Married couple, 2 dependents:</b>											
1924	1924					0.5	1.0	1.4	6.1	22.5	39.9
1926	1925-1927					0.2	0.5	0.8	4.5	16.0	23.1
1928	1928, 1930-1931					0.2	0.5	0.8	4.0	15.7	23.1
	1929 <sup>3</sup>					0.1	0.2	0.4	3.4	14.8	22.2
1932	1932-1933					1.4	3.0	4.2	9.8	30.0	52.7
1934	1934-1935					1.0	2.3	3.4	9.3	30.2	52.7
1936, 1938 <sup>4</sup>	1936-1939					1.0	2.3	3.4	9.3	32.0	60.7
1940	1940 <sup>5</sup>					1.5	3.1	4.4	14.3	42.9	65.9
1941	1941				1.9	5.4	9.0	11.2	25.9	52.2	68.9
1942	1942 <sup>6</sup>			0.7	6.4	11.8	16.5	19.1	35.3	63.5	82.7
	1943 <sup>6, 7</sup>	0.2	1.4	2.9	8.9	14.6	19.4	22.1	38.3	67.8	88.0
1944 <sup>8</sup>	1944-1945	0.5	1.5	2.3	9.2	15.1	19.8	22.5	38.8	68.6	88.6
1945	1946-1947				6.3	11.8	16.2	18.6	34.1	62.3	81.3
1948	1948-1949 <sup>12</sup>				3.3	8.6	12.2	13.0	21.9	45.6	71.7
1950	1950 <sup>12</sup>				3.5	9.0	12.7	14.2	22.7	47.2	73.9
1951	1951 <sup>10, 12</sup>				4.1	10.6	14.7	16.2	25.6	52.6	80.7
	1952-1953 <sup>10, 12</sup>				4.4	11.5	16.0	17.7	28.0	56.0	82.2
1954 <sup>11</sup>	1954-1961 <sup>10, 12</sup>				4.0	10.4	14.4	15.9	25.1	51.9	80.5

<sup>1</sup> Includes net Victory tax. Computed by assuming that deductions are 10 percent of Victory tax net income; i. e., that Victory tax net income is ten-ninths of selected net income.

<sup>2</sup> Individual Income Tax Act of 1944. <sup>3</sup> Taking into account maximum effective rate limitation of 77 percent.

<sup>4</sup> Excludes self-employment tax. <sup>5</sup> Internal Revenue Code of 1954.

<sup>6</sup> Split income basis. <sup>7</sup> Tax liability divided by stated net income.

Source: Treasury Department.

# No. 511. INDIVIDUAL INCOME TAX RETURNS WITH ADJUSTED GROSS INCOME— SUMMARY: 1940 TO 1959

[Includes Alaska, Hawaii, Puerto Rico, and Virgin Islands. Includes data from income tax returns of citizens and resident aliens, based on a sample of returns as filed, unaudited except to insure proper execution. See also *Historical Statistics, Colonial Times to 1957*, series Y 292-311, for related data]

ITEM	1940	1945	1950	1955	1957	1958	1959
<b>TOTAL RETURNS</b>							
Number of individual returns, 1,000...	14,598	49,751	52,656	57,818	59,408	58,701	59,838
Taxable.....do.....	7,437	42,651	38,187	44,689	46,865	45,652	47,497
Nontaxable.....do.....	7,161	7,100	14,469	13,120	12,542	13,049	12,341
Adjusted gross income.....\$1,000,000..	36,310	120,301	179,874	249,429	281,308	282,166	306,617
Income tax <sup>1</sup> .....do.....	1,441	17,050	18,375	29,614	34,394	34,336	38,645
Average per return:							
Income.....dollars.....	2,487	2,418	3,416	4,314	4,735	4,807	5,124
Income tax.....do.....	90	343	349	512	579	585	646
Income tax per capita of total population.....do.....	11	128	121	179	201	200	218
Percent of total population filing returns <sup>2</sup> .....do.....	16.7	55.9	55.3	56.4	56.1	55.6	54.6
<b>TAXABLE RETURNS</b>							
Adjusted gross income.....\$1,000,000..	23,279	117,562	158,545	229,595	262,169	262,188	287,775
Amount of exemptions <sup>3</sup> .....do.....	10,380	52,116	55,210	71,182	76,761	75,817	79,719
Taxable income <sup>4</sup> .....do.....	(9)	(9)	(9)	127,889	140,213	149,174	166,385
Income tax after credits <sup>2</sup> .....do.....	1,441	17,050	18,375	29,614	34,394	34,336	38,645
<b>SOURCES OF INCOME (TOTAL RETURNS)</b>							
Salaries, wages, commissions, etc. <sup>7</sup> \$1,000,000.....	27,654	91,658	138,959	200,580	227,949	227,354	247,122
Dividends, domestic and foreign <sup>8</sup> .....do.....	2,930	3,906	6,131	7,820	9,090	8,703	9,316
Interest.....do.....	981		1,583	2,556	3,200	3,618	4,369
Rents and royalties:							
Net income.....do.....	1,146	1,758	3,184	3,660	3,889	3,921	3,943
Net loss.....do.....		176	281	500	641	665	703
Business or profession: <sup>9</sup>							
Net profit.....do.....	4,145	12,572	16,847	20,566	22,462	22,868	24,246
Net loss.....do.....	131	350	840	1,297	1,352	1,386	1,704
Partnership:							
Net profit.....do.....	1,549	7,196	8,554	9,531	9,937	9,793	10,197
Net loss.....do.....	29	87	224	330	388	372	459
Sales of capital assets:							
Net gain.....do.....	329	2,276	3,181	5,024	4,048	4,792	6,667
Net loss.....do.....	379	182	314	358	622	529	504
Sales of property other than capital assets:							
Net gain.....do.....	40	64	101	94	87	74	84
Net loss.....do.....	38	70	132	121	117	112	111
Annuities and pensions.....do.....		195	430	870	1,138	1,319	1,457
Estates and trusts:							
Income.....do.....	756	946	1,090	565	617	613	634
Loss.....do.....				13	13	18	25
Other sources <sup>10</sup> .....do.....	748	595	1,009	793	1,932	2,101	2,095

<sup>1</sup> Net income for 1940.

<sup>2</sup> Income and defense tax before credits for 1940; income tax after credits beginning 1945.

<sup>3</sup> Joint returns counted twice for percent of population filing.

<sup>4</sup> Exemptions 1940: Married \$2,000, single \$800, each dependent \$400. Exemptions 1945: Married \$1,000, single \$500, each dependent \$500. Exemptions 1950 and after: Joint return \$1,200, single \$600, each dependent \$600, additional exemption for taxpayer, and his spouse on joint return, of \$600 if blind and \$600 if age 65 or over.

<sup>5</sup> This is the income tax base for all taxable returns whether or not reported on the return.

<sup>6</sup> Not available.

<sup>7</sup> Beginning 1955, salaries after sick pay exclusion.

<sup>8</sup> Beginning 1955, dividends after exclusions.

<sup>9</sup> For 1950, business profit or loss after net operating loss deduction.

<sup>10</sup> Comprises all income subject to income tax not elsewhere listed and includes wages not subject to income tax withholding, dividends, and interest not exceeding a total of \$100 per return reported on Form W-2 for 1945 and 1950-1957, nor of \$200 for 1958-1959 reported on 1040A returns. However, for 1955-1959, this income has been reduced by net operating loss deduction which is a component of adjusted gross income.

Source: Treasury Department, Internal Revenue Service; *Statistics of Income*.



**No. 512. INDIVIDUAL INCOME RETURNS AND TAXES, BY STATES AND OTHER AREAS: 1950, 1955, AND 1959**

[Number of returns in thousands; money figures in millions of dollars. Aggregates in this table differ somewhat from those in other tables for individual returns with income because of a distinct weighting system for State data, and for 1955 and 1959 the inclusion of returns with no adjusted gross income]

STATE OR OTHER AREA	1950			1955			1959		
	Number of returns	Ad-justed gross income	In-come tax after credits	Number of returns	Ad-justed gross income less deficit	In-come tax after credits	Number of returns	Ad-justed gross income less deficit	In-come tax after credits
<b>Total</b> .....	52,665	180,065	18,390	58,252	248,779	29,654	60,260	305,371	38,653
<b>New England</b> .....	3,787	12,362	1,281	3,923	16,449	2,042	3,963	20,075	2,572
Maine.....	320	847	65	330	1,029	99	340	1,303	134
New Hampshire.....	210	578	49	221	797	83	229	1,003	115
Vermont.....	126	353	27	133	406	41	130	521	55
Massachusetts.....	1,931	6,309	650	1,968	8,286	1,023	1,985	10,111	1,283
Rhode Island.....	328	1,055	109	330	1,305	166	319	1,481	182
Connecticut.....	870	3,219	380	941	4,626	630	960	5,656	803
<b>Middle Atlantic</b> .....	12,193	43,705	4,714	12,712	58,090	7,293	12,798	70,109	9,398
New York.....	6,124	22,978	2,626	6,394	30,428	3,947	6,479	37,042	5,097
New Jersey.....	2,008	7,307	743	2,183	10,304	1,266	2,266	12,867	1,695
Pennsylvania.....	4,060	13,420	1,344	4,135	17,358	2,080	4,053	20,200	2,606
<b>East North Central</b> .....	11,887	42,319	4,402	12,606	58,664	7,254	12,629	67,410	8,739
Ohio.....	3,066	10,712	1,088	3,425	15,918	1,970	3,346	17,921	2,295
Indiana.....	1,464	4,817	450	1,552	6,593	770	1,550	7,648	942
Illinois.....	3,593	13,409	1,511	3,746	17,271	2,195	3,756	20,932	2,867
Michigan.....	2,477	9,205	968	2,727	13,402	1,688	2,601	14,218	1,821
Wisconsin.....	1,286	4,117	385	1,356	5,480	622	1,376	6,691	805
<b>West North Central</b> .....	4,923	15,320	1,393	5,265	19,221	2,092	5,248	23,101	2,695
Minnesota.....	1,076	3,429	300	1,138	4,373	479	1,160	5,319	619
Iowa.....	938	2,887	247	968	3,271	328	957	4,010	453
Missouri.....	1,346	4,346	438	1,466	5,937	707	1,459	6,842	864
North Dakota.....	199	549	41	206	575	51	206	747	73
South Dakota.....	215	558	41	229	646	53	225	742	69
Nebraska.....	479	1,474	135	506	1,679	178	503	2,085	242
Kansas.....	670	2,076	191	752	2,740	296	738	3,356	375
<b>South Atlantic</b> .....	6,224	19,405	1,800	7,209	27,672	2,953	7,877	35,678	4,190
Delaware.....	128	546	110	146	705	155	155	952	169
Maryland <sup>1</sup> .....	1,162	3,817	368	1,143	4,929	504	1,147	6,146	788
District of Columbia.....	374	1,418	170	343	1,555	212	352	1,845	275
Virginia.....	957	2,927	253	1,152	4,385	460	1,221	5,477	633
West Virginia.....	600	1,728	132	573	2,055	205	549	2,331	262
North Carolina.....	959	2,759	219	1,164	3,985	351	1,292	5,033	500
South Carolina.....	453	1,307	102	543	1,839	160	588	2,324	226
Georgia.....	771	2,308	192	962	3,520	355	1,043	4,517	490
Florida.....	822	2,695	254	1,183	4,608	521	1,510	7,053	847
<b>East South Central</b> .....	2,447	7,150	604	2,898	10,100	991	3,115	12,705	1,364
Kentucky.....	715	2,117	178	833	2,921	299	847	3,472	378
Tennessee.....	805	2,377	210	947	3,296	325	1,030	4,173	456
Alabama.....	635	1,836	148	740	2,679	265	813	3,501	374
Mississippi.....	292	820	67	378	1,204	102	425	1,559	156
<b>West South Central</b> .....	3,826	12,828	1,339	4,503	17,606	2,005	4,834	22,211	2,721
Arkansas.....	344	949	74	416	1,312	114	450	1,646	167
Louisiana.....	638	2,080	202	754	3,025	337	828	3,960	502
Oklahoma.....	607	1,925	181	690	2,573	269	714	3,170	363
Texas.....	2,238	7,874	883	2,643	10,696	1,285	2,842	13,435	1,689
<b>Mountain</b> .....	1,656	5,575	521	1,994	7,940	874	2,194	10,706	1,269
Montana.....	209	694	64	240	897	93	226	1,039	122
Idaho.....	191	580	45	208	730	70	215	939	103
Wyoming.....	101	353	34	113	436	50	115	565	68
Colorado.....	471	1,009	160	553	2,225	261	598	2,968	359
New Mexico.....	179	621	58	225	891	96	271	1,315	152
Arizona.....	214	748	75	301	1,263	141	381	1,905	235
Utah.....	225	712	53	258	1,042	100	281	1,393	149
Nevada.....	66	257	32	90	456	63	107	582	81
<b>Pacific</b> .....	5,722	21,402	2,336	6,891	32,883	4,105	7,479	42,763	5,641
Washington <sup>2</sup> .....	911	3,255	335	956	4,203	501	977	5,240	661
Oregon.....	553	2,005	206	593	2,501	285	603	3,096	387
California.....	4,078	15,558	1,740	5,090	25,133	3,203	5,624	33,072	4,422
Alaska <sup>2</sup> .....				47	244	32	50	303	42
Hawaii.....	180	684	55	205	802	84	225	1,052	129
<b>Other areas<sup>3</sup></b> .....				53	157	12	142	611	75

<sup>1</sup> For 1950, includes Puerto Rico and Virgin Islands.    <sup>2</sup> Alaska included in Washington, 1950.

<sup>3</sup> Beginning 1955, consists of returns with addresses outside the conterminous U.S., Alaska, and Hawaii.

Source: Treasury Department, Internal Revenue Service; *Statistics of Income*.

### No. 513. INDIVIDUAL SELF-EMPLOYMENT TAX RETURNS, BY ADJUSTED GROSS INCOME CLASSES: 1955 TO 1959

[Number of returns in thousands; tax in millions of dollars. Includes Alaska and Hawaii. Includes data from income tax returns of citizens and resident aliens, based on a sample of returns as filed, unaudited except to insure proper execution. Excludes self-employment data filed by Puerto Ricans and Virgin Islanders]

ADJUSTED GROSS INCOME CLASS	NUMBER OF RETURNS					SELF-EMPLOYMENT TAX <sup>1</sup>				
	1955	1956	1957	1958	1959	1955	1956	1957	1958	1959
<b>Total</b> .....	6,646	7,350	6,992	7,017	7,036	463	533	581	589	702
No adjusted gross income.....	80	97	85	58	80	3	4	4	3	4
Under \$600.....	255	253	242	229	240	5	6	6	5	6
\$600 to \$999.....	474	498	440	449	432	11	12	12	12	13
\$1,000 to \$1,499.....	683	692	656	619	585	22	23	24	23	24
\$1,500 to \$1,999.....	655	658	562	549	535	29	29	28	28	29
\$2,000 to \$2,499.....	606	615	549	551	507	33	34	34	34	34
\$2,500 to \$2,999.....	539	591	512	510	481	35	39	37	37	38
\$3,000 to \$3,999.....	905	958	914	937	863	71	76	83	84	85
\$4,000 to \$4,999.....	677	764	759	778	743	64	72	80	83	90
\$5,000 to \$9,999.....	1,207	1,482	1,505	1,560	1,694	122	149	171	177	230
\$10,000 to \$14,999.....	285	380	392	397	452	34	45	51	52	73
\$15,000 to \$19,999.....	114	149	161	163	180	14	18	22	22	31
\$20,000 to \$49,999.....	142	182	184	187	207	17	23	25	26	36
\$50,000 to \$99,999.....	19	24	26	24	31	2	3	4	3	5
\$100,000 and over.....	5	5	6	6	7	1	1	1	1	1

<sup>1</sup> Self-employment tax is levied (in addition to income tax) on the amount of self-employment income derived from trade or business whether solely owned or operated as a partnership.

Source: Treasury Department, Internal Revenue Service; *Statistics of Income*.

### No. 514. INDIVIDUAL INCOME TAX RETURNS WITH ADJUSTED GROSS INCOME, BY ADJUSTED GROSS INCOME CLASSES: 1950, 1955, AND 1959

[Number of returns in thousands; money figures in millions of dollars. Includes Alaska, Hawaii, Puerto Rico, and Virgin Islands. Includes data from income tax returns of citizens and resident aliens, based on a sample of returns as filed, unaudited except to insure proper execution]

ADJUSTED GROSS INCOME CLASS	NUMBER OF RETURNS			ADJUSTED GROSS INCOME			INCOME TAX AFTER CREDITS		
	1950	1955	1959	1950	1955	1959	1950	1955	1959
<b>Total</b> .....	52,656	57,818	59,833	179,874	249,429	306,617	18,375	29,614	38,645
Under \$800.....	3,780	3,839	3,919	1,265	1,262	1,275	-----	-----	-----
\$800 to \$999.....	3,582	3,203	2,996	2,880	2,566	2,392	40	42	39
\$1,000 to \$1,499.....	5,077	4,524	3,955	6,351	5,616	4,920	197	217	190
\$1,500 to \$1,999.....	5,473	4,125	3,445	9,579	7,212	6,016	413	353	306
\$2,000 to \$2,499.....	5,643	4,117	3,510	12,704	9,275	7,890	648	552	462
\$2,500 to \$2,999.....	5,786	4,312	3,618	15,902	11,859	9,944	891	794	668
\$3,000 to \$3,999.....	9,837	8,665	6,994	34,107	30,320	24,452	2,177	2,382	1,924
\$4,000 to \$4,999.....	5,985	8,009	7,072	26,708	35,931	31,802	2,044	3,129	2,860
\$5,000 to \$9,999.....	6,115	14,459	19,546	39,046	95,542	134,403	3,084	10,614	14,830
\$10,000 to \$14,999.....	679	1,518	3,209	8,149	17,924	37,688	1,157	2,692	5,478
\$15,000 to \$19,999.....	256	426	707	4,397	7,300	12,091	758	1,308	2,095
\$20,000 to \$49,999.....	359	522	724	10,586	15,116	20,868	2,503	3,669	4,863
\$50,000 to \$99,999.....	63	78	115	4,193	5,152	7,559	1,517	1,852	2,627
\$100,000 to \$199,999.....	16	17	22	2,063	2,225	2,858	942	959	1,183
\$200,000 to \$499,999.....	4	4	5	1,141	1,144	1,372	603	549	618
\$500,000 to \$999,999.....	1	1	1	419	418	482	240	210	225
\$1,000,000 and over.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	433	568	607	261	291	288

<sup>1</sup> For 1950, includes nontaxable returns exceeding the class limit.

<sup>2</sup> Less than 500.

Source: Treasury Department, Internal Revenue Service; *Statistics of Income*.

# **No. 515. INDIVIDUAL INCOME TAX RETURNS WITH ADJUSTED GROSS INCOME, BY MARITAL STATUS: 1945 TO 1959**

[Number of returns in thousands; money figures in millions of dollars. Includes Alaska, Hawaii, Puerto Rico, and Virgin Islands. Includes data from income tax returns of citizens and resident aliens, based on a sample of returns as filed, unaudited except to insure proper execution]

MARITAL STATUS	1945	1950	1955	1956	1957	1958	1959
<b>Number of returns.....</b>	<b>49,751</b>	<b>52,656</b>	<b>57,818</b>	<b>58,799</b>	<b>59,408</b>	<b>58,701</b>	<b>59,838</b>
Joint returns of husbands and wives.....	24,586	31,332	35,297	35,987	36,546	36,540	36,961
Separate returns of husbands and wives <sup>1</sup> .....	5,951	2,274	2,111	1,971	2,018	1,983	1,932
Returns of heads of household <sup>2</sup> .....			953	955	1,068	970	961
Returns of surviving spouse <sup>3</sup> .....			124	294	119	80	96
Returns of other single persons.....	19,214	19,049	19,332	19,592	19,657	19,120	19,888
<b>Adjusted gross income.....</b>	<b>120,301</b>	<b>179,874</b>	<b>249,429</b>	<b>268,584</b>	<b>281,308</b>	<b>282,166</b>	<b>306,617</b>
Joint returns of husbands and wives.....	68,727	134,679	193,624	209,380	220,026	222,111	241,724
Separate returns of husbands and wives <sup>1</sup> .....	21,731	6,178	6,185	6,045	6,435	6,335	6,473
Returns of heads of household <sup>2</sup> .....			4,380	4,652	5,277	4,886	5,005
Returns of surviving spouse <sup>3</sup> .....			454	932	426	367	405
Returns of other single persons.....	29,843	39,017	44,780	47,575	49,144	48,469	53,010

<sup>1</sup> Includes separate community income returns.

<sup>2</sup> Created under the 1951 Act.

<sup>3</sup> Created under the 1954 Code.

Source: Treasury Department, Internal Revenue Service; *Statistics of Income*.

# **No. 516. TAXABLE INDIVIDUAL INCOME TAX RETURNS, BY ADJUSTED GROSS INCOME CLASSES: 1960**

[Money figures in millions of dollars, except average tax in dollars. See headnote, table 511]

ADJUSTED GROSS INCOME CLASS	Number of returns	Adjusted gross income	Amount of exemption <sup>1</sup>	Taxable income <sup>2</sup>	Income tax after credits	Average income tax	Effective tax rate percent <sup>3</sup>
<b>Total.....</b>	<b>48,060,985</b>	<b>297,152</b>	<b>81,207</b>	<b>171,462</b>	<b>39,464</b>	<b>821</b>	<b>23.0</b>
\$0,000 to \$999.....	1,353,011	1,123	812	193	39	29	20.0
\$1,000 to \$1,499.....	2,134,195	2,664	1,462	945	188	88	19.9
\$1,500 to \$1,999.....	2,036,015	3,557	1,583	1,517	302	148	19.9
\$2,000 to \$2,499.....	2,368,114	5,327	2,366	2,258	447	189	19.8
\$2,500 to \$2,999.....	2,665,817	7,349	3,062	3,278	648	243	19.8
\$3,000 to \$3,499.....	2,839,956	9,231	3,691	4,234	844	297	19.9
\$3,500 to \$3,999.....	2,953,712	11,077	4,277	5,195	1,043	353	20.1
\$4,000 to \$4,499.....	3,166,427	13,452	5,168	6,302	1,270	401	20.2
\$4,500 to \$4,999.....	3,234,120	16,360	5,690	7,388	1,493	462	20.2
\$5,000 to \$5,999.....	6,236,474	34,246	12,189	16,731	3,383	542	20.2
\$6,000 to \$6,999.....	5,236,061	33,924	11,121	17,451	3,537	676	20.3
\$7,000 to \$7,999.....	3,874,647	28,975	8,506	16,144	3,297	851	20.4
\$8,000 to \$8,999.....	2,749,349	23,303	6,932	13,768	2,834	1,031	20.6
\$9,000 to \$9,999.....	1,901,543	18,007	4,111	11,137	2,312	1,216	20.8
\$10,000 to \$14,999.....	3,637,169	42,752	7,760	28,753	6,159	1,693	21.4
\$15,000 to \$19,999.....	784,630	13,376	1,717	9,787	2,290	2,918	23.4
\$20,000 to \$24,999.....	323,412	7,191	726	5,466	1,395	4,314	25.5
\$25,000 to \$49,999.....	440,890	14,710	1,012	11,665	3,598	8,160	30.8
\$50,000 to \$99,999.....	101,086	6,648	227	5,417	2,273	22,490	42.0
\$100,000 to \$149,999.....	14,165	1,688	31	1,349	681	48,087	50.5
\$150,000 to \$199,999.....	4,379	750	9	590	320	72,992	54.2
\$200,000 to \$499,999.....	4,801	1,370	10	1,086	607	126,350	57.5
\$500,000 to \$999,999.....	723	486	1	383	226	311,996	59.0
\$1,000,000 and over.....	295	584	1	456	281	950,932	61.0

<sup>1</sup> Exemption allowed for income tax purposes; includes the per capita exemption of \$600 for the taxpayer, his spouse on a joint return, and each dependent, together with additional exemptions for taxpayer, and his spouse on a joint return, of \$600 if blind and \$600 if age 65 or over.

<sup>2</sup> This is the income tax base for all taxable returns whether or not reported on the return.

<sup>3</sup> Income tax after credits as percent of taxable income.

Source: Treasury Department, Internal Revenue Service; *Statistics of Income*.

**No. 517. INDIVIDUAL INCOME TAX RETURNS WITH ADJUSTED GROSS INCOME—  
SOURCES OF INCOME, BY ADJUSTED GROSS INCOME CLASSES: 1959**

[In millions of dollars. Includes Alaska, Hawaii, Puerto Rico, and Virgin Islands. Includes data from income tax returns of citizens and resident aliens, based on a sample of returns as filed, unaudited except to insure proper execution]

ADJUSTED GROSS INCOME CLASS	Salaries after sick pay	Divi- dends after exclusions	Interest	RENTS AND ROYALTIES		BUSINESS AND PROFESSION <sup>1</sup>		PARTNERSHIP <sup>2</sup>	
				Net income	Net loss	Net profit	Net loss	Net profit	Net loss
<b>Total</b> .....	247, 122	9, 316	4, 359	3, 943	703	24, 246	1, 704	10, 197	459
Under \$600.....	1, 116	14	34	46	17	148	94	21	47
\$600 to \$999.....	1, 823	42	71	100	10	310	56	32	5
\$1,000 to \$1,999.....	8, 394	196	314	344	42	1, 262	172	152	14
\$2,000 to \$2,999.....	14, 570	250	342	323	45	1, 671	182	254	19
\$3,000 to \$3,999.....	21, 106	247	271	288	50	1, 876	176	340	30
\$4,000 to \$4,999.....	28, 410	241	269	240	65	1, 901	162	460	17
\$5,000 to \$9,999.....	121, 678	1, 183	1, 165	950	237	6, 300	374	2, 005	70
\$10,000 to \$14,999.....	30, 301	931	560	453	81	3, 176	110	1, 406	37
\$15,000 to \$19,999.....	7, 232	732	305	277	31	2, 021	56	905	30
\$20,000 to \$49,999.....	8, 907	2, 189	634	569	68	4, 329	132	2, 693	72
\$50,000 to \$99,999.....	2, 490	1, 414	245	224	25	1, 061	93	1, 269	46
\$100,000 to \$199,999.....	714	852	93	83	15	156	47	393	32
\$200,000 to \$499,999.....	207	512	37	30	9	25	28	137	23
\$500,000 to \$999,999.....	31	192	11	9	4	5	10	26	8
\$1,000,000 and over.....	13	307	8	8	3	4	12	15	9

ADJUSTED GROSS INCOME CLASS	SALES OF CAPITAL ASSETS		SALES OF PROP- ERTY OTHER THAN CAPITAL ASSETS		Annu- ities and pen- sions	ESTATES AND TRUSTS		Other sources <sup>2</sup>	Adjusted gross income
	Net gain	Net loss	Net gain	Net loss		Income	Loss		
<b>Total</b> .....	6, 667	504	84	111	1, 457	634	23	2, 095	306, 617
Under \$600.....	64	19	1	4	7	(3)	(3)	4 4	1, 275
\$600 to \$999.....	41	9		3	19	6	(3)	31	2, 392
\$1,000 to \$1,999.....	176	27	5	8	190	26	1	142	10, 935
\$2,000 to \$2,999.....	224	34	6	7	279	26	(3)	169	17, 834
\$3,000 to \$3,999.....	220	42	6	10	210	25	(3)	172	24, 452
\$4,000 to \$4,999.....	223	42	6	7	154	23	1	167	31, 802
\$5,000 to \$9,999.....	972	155	22	29	351	127	5	514	134, 403
\$10,000 to \$14,999.....	602	69	11	15	91	79	3	244	37, 698
\$15,000 to \$19,999.....	450	36	6	8	43	62	1	139	12, 091
\$20,000 to \$49,999.....	1, 254	62	14	11	73	148	5	350	20, 868
\$50,000 to \$99,999.....	804	14	6	6	26	68	2	129	7, 559
\$100,000 to \$199,999.....	599	3	1	1	12	25	2	39	2, 858
\$200,000 to \$499,999.....	460	(3)	(3)	1	3	16	1	6	1, 372
\$500,000 to \$999,999.....	222	(3)	(3)	(3)	(3)	6	(3)	1	482
\$1,000,000 and over.....	274	(3)	(3)	(3)	(3)	4	(3)	4 3	697

<sup>1</sup> Business profit and loss without deduction for net operating loss.

<sup>2</sup> Includes all income subject to income tax not elsewhere tabulated and \$63.3 million of wages, dividends, and interest not exceeding \$200 per return reported on Form 1040A, all of which was reduced by net operating loss deduction reported on Form 1040.

<sup>3</sup> Less than \$500,000.

<sup>4</sup> Negative.

Source: Treasury Department, Internal Revenue Service; *Statistics of Income*.

## No. 518. CORPORATION INCOME TAX RETURNS—SUMMARY: 1940 TO 1959

[Money figures in millions of dollars. Represents returns covering accounting periods ending between July 1 of year shown and June 30 of following year. Includes Alaska and Hawaii; based on income tax returns as filed, prior to audit adjustments and other changes made after filing. All corporations are required to file returns except those specifically exempt, such as fraternal, civic, and charitable organizations not operating for profit. Excludes returns of inactive corporations, except as noted. Includes data from returns of small business corporations which after September 2, 1958, could elect to be taxed through shareholders. Income tax shown for 1958 and 1959 excludes tax on profits of corporations making this election. See source publications for changes in law affecting comparability of historical data. Beginning 1955, based on a probability sample. Corporate data based on income tax returns appear on pp. 396-398, 492-494, 498, and 854. See also *Historical Statistics, Colonial Times to 1957*, series Y 280-291]

ITEM	1940	1945	1950	1955	1956	1957	1958	1959
<b>Returns with and without net income:</b>								
Number of returns (excl. inactive corporations).....	473,042	421,125	629,314	807,303	885,747	940,147	990,381	1,074,120
Total compiled receipts <sup>1</sup> .....	148,287	255,448	458,130	642,248	670,808	720,414	735,338	816,800
Net income less deficit <sup>2</sup> .....	8,919	21,139	42,613	47,478	46,885	44,476	38,523	46,797
Total tax liability.....	<sup>3</sup> 2,549	10,795	17,317	21,741	21,364	20,582	18,814	22,525
Income tax.....	<sup>3</sup> 2,144	4,183	15,929	21,741	21,364	20,582	18,814	22,525
Excess profits tax.....	405	6,612	1,387					
Distribution to stockholders in cash and assets other than own stock.....	6,089	6,081	11,553	13,592	14,498	14,914	14,952	<sup>4</sup> 16,180
<b>Returns with net income:</b>								
Number of returns.....	220,977	303,019	426,283	513,270	559,710	572,936	611,131	670,581
Total compiled receipts <sup>1</sup> .....	126,180	239,046	430,688	584,975	614,857	625,621	632,343	719,410
Net income <sup>2</sup> .....	11,203	22,165	44,141	50,329	50,184	48,664	43,400	51,651
Total tax liability.....	<sup>3</sup> 2,549	10,795	17,317	21,741	21,364	20,582	18,814	22,525
Income tax.....	<sup>3</sup> 2,144	4,183	15,929	21,741	21,364	20,582	18,814	22,525
Excess profits tax.....	405	6,612	1,387					
Distribution to stockholders in cash and assets other than own stock.....	5,888	5,918	11,455	13,401	14,193	14,403	14,498	<sup>4</sup> 15,739
<b>Returns without net income:</b>								
Number of returns.....	252,065	118,106	203,031	294,033	326,037	367,211	379,250	403,539
Total compiled receipts <sup>1</sup> .....	23,056	16,402	27,442	57,273	65,011	94,792	102,995	97,384
Deficit <sup>2</sup> .....	2,284	1,026	1,627	2,851	3,299	4,188	4,967	4,854
Distribution to stockholders in cash and assets other than own stock.....	200	163	98	192	305	511	454	<sup>4</sup> 441
Inactive corporations, number of returns.....	43,741	33,335	36,678	34,822	39,214	44,369	42,251	45,715
<b>Returns with excess profits tax:</b> <sup>5</sup>								
Number of returns.....	13,440	52,087	50,301					
Excess profits net income.....	2,998	14,165	25,654					
Adjusted excess profits net income.....	912	8,368	8,985					

<sup>1</sup> Consists of business receipts, interest less amortizable bond premium, rents, royalties, net gain from capital assets (as defined by law) and other property, dividends, and other taxable income.

<sup>2</sup> Net income (or deficit) is gross taxable income less allowable current year deductions except statutory deductions for dividends and Western Hemisphere trade corporations. Excludes tax-exempt Government interest, which is included in total compiled receipts.

<sup>3</sup> Includes defense tax.

<sup>4</sup> Distributions to stockholders in cash and assets other than own stock exclude \$61 million nondividend distributions of small business corporations taxed through shareholders. Of this amount, \$58 million was reported on returns with net income, \$4 million on returns without net income.

<sup>5</sup> For tax reported, see above.

## No. 519. FIDUCIARY INCOME TAX RETURNS—NUMBER, INCOME, DEFICIT, AND TAX: 1945 TO 1958

[Includes Alaska and Hawaii. Represents income tax returns for trusts and estates. See also headnote, table 511. See also *Historical Statistics, Colonial Times to 1957*, series Y 312-318]

ITEM	1945	1950	1952	1954	1956	1958
<b>All returns:</b>						
Number of returns.....	( <sup>2</sup> )	( <sup>2</sup> )	414	425	491	558
Total income.....	( <sup>2</sup> )	( <sup>2</sup> )	2,807	3,874	4,896	5,072
Deficit in total income.....	( <sup>2</sup> )	( <sup>2</sup> )	18	12	11	17
<b>Taxable returns:</b>						
Number of returns.....	114	115	133	128	172	169
Total income.....	867	1,234	1,308	1,869	2,544	2,448
Income tax after credits.....	176	209	235	264	327	309
<b>Nontaxable returns:</b>						
Total number of returns <sup>1</sup> .....	( <sup>2</sup> )	( <sup>2</sup> )	281	297	319	370
Total income.....	( <sup>2</sup> )	( <sup>2</sup> )	1,499	2,005	2,352	2,062
Deficit in total income.....	( <sup>2</sup> )	( <sup>2</sup> )	18	12	11	17

<sup>1</sup> Excludes returns with no information reported. <sup>2</sup> Not available.

Source of tables 518 and 519: Treasury Department, Internal Revenue Service; *Statistics of Income*.

# No. 526. ACTIVE CORPORATION INCOME TAX RETURNS—TOTAL COMPILED RECEIPTS, NET INCOME OR DEFICIT, AND TOTAL TAX, BY INDUSTRIAL DIVISIONS: 1940 to 1959

[Industrial classification of a return is based on the activity accounting for the largest percentage of total corporate receipts. Diversified activities and filing of consolidated returns by some affiliated groups affect data classified by industry. For changes in classification affecting comparability of data, see *Statistics of Income, 1958-59, Corporation Income Tax Returns*, and *Statistics of Income*, Part 2, for 1938 and 1948. See also head-note and footnotes, table 518]

ITEM	1940	1945	1950	1955	1958	1959
<b>All industrial divisions:</b>						
Total compiled receipts, all returns..... mil. dol.	148,237	255,448	458,130	642,248	735,338	816,800
Returns with net income..... number.....	220,977	303,019	426,283	513,270	611,131	670,581
Net income..... mil. dol.	11,203	22,165	44,141	50,329	43,490	51,651
Total tax..... do.....	2,549	10,795	17,317	21,741	18,814	22,525
Returns without net income..... number.....	252,065	118,106	203,031	294,033	379,250	403,539
Deficit..... mil. dol.	2,284	1,026	1,527	2,851	4,907	4,854
<b>Agriculture, forestry, and fisheries:</b>						
Total compiled receipts, all returns..... mil. dol.	643	993	2,131	2,586	3,614	3,839
Returns with net income..... number.....	3,213	3,805	5,039	5,543	7,054	8,505
Net income..... mil. dol.	49	150	321	185	231	207
Total tax..... do.....	10	64	103	63	79	62
Returns without net income..... number.....	5,187	2,287	3,261	4,760	6,291	7,998
Deficit..... mil. dol.	32	16	26	02	87	101
<b>Mining:</b>						
Total compiled receipts, all returns..... mil. dol.	3,264	3,954	8,600	9,811	10,106	10,355
Returns with net income..... number.....	3,955	3,694	5,032	5,145	5,566	6,175
Net income..... mil. dol.	315	300	1,175	1,335	1,190	1,147
Total tax..... do.....	68	118	447	607	485	473
Returns without net income..... number.....	6,427	3,602	4,024	5,573	6,561	6,745
Deficit..... mil. dol.	109	57	85	255	358	501
<b>Construction:</b>						
Total compiled receipts, all returns..... mil. dol.	2,528	2,948	11,562	20,038	28,561	32,140
Returns with net income..... number.....	6,716	7,811	17,868	25,246	35,223	38,438
Net income..... mil. dol.	102	146	661	663	938	925
Total tax..... do.....	23	62	247	254	358	332
Returns without net income..... number.....	9,033	4,023	9,826	16,323	24,624	27,822
Deficit..... mil. dol.	34	33	89	175	270	346
<b>Manufacturing:</b>						
Total compiled receipts, all returns..... mil. dol.	66,991	141,234	220,303	306,464	320,433	363,157
Returns with net income..... number.....	47,168	61,680	79,186	85,838	95,303	102,799
Net income..... mil. dol.	5,632	10,577	24,224	20,979	20,291	26,435
Total tax..... do.....	1,553	6,112	10,637	13,015	9,452	12,435
Returns without net income..... number.....	38,420	17,432	36,686	43,980	55,303	63,406
Deficit..... mil. dol.	325	326	502	965	1,791	1,440
<b>Trans., communication, electric, gas, sanitary services:</b>						
Total compiled receipts, all returns..... mil. dol.	13,710	22,663	32,137	48,219	55,965	62,309
Returns with net income..... number.....	11,479	12,966	16,452	20,982	24,165	26,832
Net income..... mil. dol.	1,592	3,134	4,446	5,955	6,110	7,185
Total tax..... do.....	362	1,548	1,764	2,903	3,090	3,628
Returns without net income..... number.....	10,574	6,770	9,825	12,035	13,755	16,363
Deficit..... mil. dol.	279	197	114	180	388	394
<b>Wholesale and retail trade:</b>						
Total compiled receipts, all returns..... mil. dol.	47,216	66,640	155,103	207,734	228,750	256,648
Returns with net income..... number.....	71,766	97,550	148,655	171,794	194,776	217,857
Net income..... mil. dol.	1,270	3,439	6,620	5,730	5,433	6,459
Total tax..... do.....	296	1,902	2,619	2,462	2,269	2,640
Returns without net income..... number.....	68,083	23,398	60,084	93,174	116,701	116,800
Deficit..... mil. dol.	188	76	305	606	1,008	922
<b>Finance, insurance, and real estate:</b>						
Total compiled receipts, all returns..... mil. dol.	9,913	10,827	18,575	32,807	60,014	65,912
Returns with net income..... number.....	58,988	90,568	122,742	155,630	192,769	204,761
Net income..... mil. dol.	2,031	3,766	5,994	8,559	8,192	7,922
Total tax..... do.....	198	667	1,256	2,063	2,754	2,550
Returns without net income..... number.....	83,614	45,005	49,099	78,389	101,159	113,839
Deficit..... mil. dol.	1,163	262	274	369	704	769
<b>Services:</b>						
Total compiled receipts, all returns..... mil. dol.	3,846	5,072	9,593	14,477	18,678	22,227
Returns with net income..... number.....	16,091	22,977	30,164	40,909	52,041	61,754
Net income..... mil. dol.	203	649	693	921	1,083	1,321
Total tax..... do.....	39	317	241	367	420	491
Returns without net income..... number.....	25,294	12,130	25,060	31,983	44,559	48,251
Deficit..... mil. dol.	95	47	121	217	330	353
<b>Nature of business not allocable:</b>						
Total compiled receipts, all returns..... mil. dol.	124	166	118	111	209	215
Returns with net income..... number.....	1,600	1,908	1,145	2,183	3,044	3,460
Net income..... mil. dol.	9	15	17	11	23	21
Total tax..... do.....	2	5	5	3	7	5
Returns without net income..... number.....	5,433	3,459	4,557	7,806	10,207	13,071
Deficit..... mil. dol.	58	11	10	18	22	29

Source: Treasury Department, Internal Revenue Service; *Statistics of Income*.

# No. 521. ACTIVE CORPORATION INCOME TAX RETURNS—NUMBER, COMPILED RECEIPTS, NET INCOME, DISTRIBUTIONS TO STOCKHOLDERS, AND TAX, BY INDUSTRIAL GROUPS: 1959

[Money figures in millions of dollars. Data are estimated from sample of returns. See headnotes and footnotes, tables 518 and 520. See also *Historical Statistics, Colonial Times to 1957*, series V 33-44, for number of returns]

INDUSTRIAL GROUP	RETURNS WITH AND WITHOUT NET INCOME				RETURNS WITH NET INCOME			
	Number	Total compiled receipts	Net income (less deficit)	Distributions to stockholders <sup>1</sup>	Number	Total compiled receipts	Net income	Income tax
All industrial groups.....	1,074,120	816,800	46,797	16,180	670,581	719,416	51,651	22,525
Agriculture, forestry, and fisheries.....	15,603	3,838	106	32	8,505	2,965	207	62
Mining.....	12,920	10,355	646	719	6,175	8,266	1,147	473
Metal mining.....	1,099	1,874	63	102	267	1,655	318	120
Bituminous coal and lignite mining.....	1,961	1,951	91	50	905	1,314	68	23
Crude petroleum and natural gas.....	6,673	4,676	450	448	3,261	3,803	629	281
Mining and quarrying of nonmetallic minerals, and anthracite mining.....	3,187	1,853	63	59	1,742	1,493	132	50
Construction.....	66,260	32,140	579	91	38,438	25,048	925	332
General building contractors.....	10,207	10,806	102	16	10,382	8,101	218	73
Highway and street construction and heavy construction.....	9,741	9,242	273	51	5,890	7,405	384	152
General contractors not allocable.....	478	293	6	1	208	240	7	3
Special trade contractors.....	34,816	11,554	197	24	21,111	9,108	307	101
Contractors not allocable.....	2,018	245	1	(2)	838	184	8	2
Manufacturing.....	156,297	363,157	24,986	7,666	102,799	330,070	26,435	12,435
Beverage industries.....	2,941	8,308	500	322	2,146	7,526	524	252
Food and kindred products.....	15,530	50,479	1,744	439	9,974	43,153	1,860	900
Tobacco manufactures.....	204	4,836	547	150	170	4,822	550	285
Textile mill products.....	5,706	14,300	701	131	4,019	13,304	756	338
Apparel and other finished prod. made from fabrics and similar materials.....	16,287	11,907	263	34	10,085	10,219	334	136
Lumber and wood prod., exc. furniture.....	7,963	7,517	428	102	5,105	6,517	484	163
Furniture and fixtures.....	5,832	5,002	207	34	3,777	4,222	254	115
Paper and allied products.....	3,236	11,846	1,126	291	2,408	11,219	1,155	540
Printing, publishing, and allied ind.....	18,706	12,567	931	190	12,237	11,516	995	445
Chemicals and allied products.....	8,226	26,699	3,464	1,146	5,516	25,891	3,537	1,700
Petroleum refining and related ind.....	828	37,593	1,683	1,415	664	34,888	1,740	621
Rubber and misc. plastic products.....	3,932	7,842	535	145	2,460	7,448	572	278
Leather and leather products.....	2,711	3,936	146	30	2,094	3,532	165	75
Stone, clay, and glass products.....	6,884	10,764	1,088	297	4,631	9,999	1,131	552
Primary metal industries.....	3,655	27,522	2,195	675	2,568	26,426	2,264	1,093
Fabricated metal prod. (incl. ordnance), exc. machine and transportation equip.....	14,690	18,964	1,082	266	10,179	16,768	1,229	670
Machinery, exc. electrical and transportation equipment.....	16,275	25,384	2,165	471	10,827	22,843	2,350	1,127
Electrical machinery, equipment and supplies.....	6,593	22,764	1,709	446	4,236	21,024	1,795	894
Transportation equip., exc. motor vehicles.....	2,076	16,578	477	198	1,154	13,760	641	322
Motor vehicles and motor vehicle equip.....	1,292	24,644	2,982	842	942	21,941	3,004	1,498
Professional, scientific, and controlling instruments, photographic and optical goods, watches and clocks.....	2,730	6,293	641	159	1,765	6,064	666	333
Other manufacturing industries.....	10,000	7,352	372	84	5,802	6,388	430	192
Transportation, communication, electric, gas, and sanitary services <sup>2</sup> .....	43,195	62,309	6,791	3,040	26,832	53,965	7,185	3,528
Transportation.....	32,454	29,992	1,225	549	20,332	22,114	1,507	684
Railroad transportation.....	497	11,732	503	330	289	7,559	637	303
Local and suburban transit.....	1,190	806	35	11	727	682	41	15
Motor freight transp. and warehousing.....	17,111	8,333	274	39	11,062	6,808	333	130
Taxicabs, intercity passenger transp., school buses, and other local and interurban passenger transportation.....	5,844	1,094	78	22	3,922	953	85	36
Pipeline transportation.....	175	663	148	53	127	537	153	77
Water transportation.....	3,233	2,812	94	40	1,790	2,106	151	61
Transportation by air.....	1,016	3,067	33	25	419	2,320	94	33
Transportation services.....	3,287	1,421	57	27	2,018	1,110	69	27
Communication.....	5,894	14,026	2,685	628	3,692	13,844	2,712	1,374
Telephone comm. (wire and radio).....	2,520	11,702	2,429	879	1,004	11,674	2,433	1,245
Telegraph comm. (wire and radio).....	5	345	32	9	4	344	32	16
Radio broadcasting and television.....	2,646	1,923	217	40	1,593	1,776	239	111
Communication services, n.e.c. <sup>3</sup> .....	723	56	7	1	491	49	8	4
Electric and gas companies and systems.....	1,112	17,825	2,812	1,541	849	17,532	2,832	1,440
Electric companies and systems and combination companies and systems.....	373	11,349	2,153	1,125	318	11,190	2,160	1,104
Gas companies and systems.....	739	6,476	659	416	531	6,342	672	336
Water supply and other sanitary services.....	3,735	406	68	22	1,959	416	74	30

<sup>1</sup> Paid in cash and assets other than stock. Excludes nondividend distributions of small business corporations taxed through shareholders. <sup>2</sup> Less than \$500,000. <sup>3</sup> Includes "Transportation not allocable" not shown separately. <sup>4</sup> "N.e.c." means not elsewhere classified.

# **NO. 521. ACTIVE CORPORATION INCOME TAX RETURNS—NUMBER, COMPILED RECEIPTS, NET INCOME, DISTRIBUTIONS TO STOCKHOLDERS, AND TAX, BY INDUSTRIAL GROUPS, 1959—CON.**

[Money figures in millions of dollars]

INDUSTRIAL GROUP	RETURNS WITH AND WITHOUT NET INCOME				RETURNS WITH NET INCOME			
	Number	Total compiled receipts	Net income (loss deficit)	Distributions to stockholders <sup>1</sup>	Number	Total compiled receipts	Net income	Income tax
<b>Wholesale and retail trade</b> .....	331,717	256,648	5,567	1,131	217,857	223,362	6,489	2,640
Wholesale trade.....	109,648	125,703	2,563	427	78,958	110,986	2,891	1,160
Groceries and related products.....	12,870	22,579	206	36	8,709	18,802	252	96
Meat and meat products.....	1,299	2,490	12	1	895	2,165	18	6
Poultry and poultry prod., fish and seafoods, and other.....	11,571	20,080	104	37	7,814	16,637	233	90
Electrical goods, hardware and plumbing and heating equip. and supplies.....	11,613	11,861	259	38	8,664	10,921	290	118
Electrical goods.....	5,758	6,485	137	17	4,241	5,054	153	64
Hardware, and plumbing and heating equipment and supplies.....	5,855	5,376	121	22	4,423	4,867	137	55
Other wholesalers.....	85,165	91,263	2,099	350	61,585	81,363	2,340	945
Beer, wine, distilled alcoholic bev.....	2,807	6,998	108	20	2,034	5,807	117	52
Dry goods and apparel.....	7,468	5,963	100	16	5,126	5,295	124	45
Drugs, chemicals, and allied prod.....	4,827	6,352	282	68	3,412	5,095	291	132
Lumber and construction materials.....	6,127	6,084	91	8	4,555	5,368	110	41
Machinery, equipment and supplies.....	15,457	10,927	345	42	11,144	9,931	397	161
Motor vehicles and auto. equip.....	6,123	6,314	135	14	4,861	5,910	147	58
Farm products—raw materials.....	4,940	9,850	104	22	3,601	7,784	131	50
Wholesalers, n.e.c. <sup>2</sup> .....	28,949	33,030	825	146	21,369	29,911	910	363
Wholesalers, not allocable.....	8,467	5,737	109	14	5,480	5,333	122	43
<b>Retail trade</b> .....	199,624	120,151	2,763	664	123,795	103,008	3,203	1,371
Food.....	14,099	28,477	531	115	8,079	26,094	578	271
General merchandise.....	13,153	24,115	1,245	372	8,486	22,035	1,202	625
Department stores.....	3,712	17,814	1,005	204	2,875	17,231	1,028	506
Mail-order houses.....	1,211	894	20	6	477	674	23	10
Limited price variety stores.....	1,567	3,299	162	63	864	3,133	168	83
Vending machine operators, direct selling organizations, and other stores.....	6,663	2,199	58	8	4,270	1,897	73	26
Apparel and accessories.....	24,128	7,907	183	35	16,296	6,640	237	84
Furniture, home furnishings, and equipment.....	20,099	5,762	77	16	12,005	4,322	137	42
Auto. dealers and gasoline serv. stations.....	35,681	29,661	238	31	22,315	23,387	376	124
Motor vehicle dealers.....	24,218	26,058	165	20	15,309	20,473	281	91
Tire, battery, and accessory dealers and misc. aircraft, marine, and automotive dealers.....	5,827	2,058	43	7	3,576	1,672	58	22
Gasoline service stations.....	5,636	1,545	30	5	3,430	1,242	37	11
Eating and drinking places.....	28,826	5,009	88	23	14,106	3,677	153	51
Bldg. mtrls., hardware, and farm equip.....	21,485	7,629	146	28	14,583	6,437	193	63
Building materials.....	12,347	5,363	120	24	8,865	4,643	149	50
Hardware and farm equipment.....	9,138	2,266	26	4	5,718	1,793	45	13
Other retail stores.....	42,233	11,591	255	45	28,015	9,515	329	111
Drug stores and proprietary stores.....	8,818	3,172	92	18	6,381	2,690	102	39
Liquor stores.....	4,516	939	13	1	2,908	728	16	4
Jewelry stores.....	4,232	919	18	4	2,759	644	33	11
Retail trade, n.e.c. <sup>2</sup> .....	21,265	5,271	107	17	13,794	4,362	145	45
Retail trade not allocable.....	3,492	1,291	25	4	2,173	1,091	33	11
Wholesale and retail trade not allocable.....	25,445	10,793	241	40	15,104	9,367	305	109
<b>Finance, insurance, and real estate</b> .....	318,592	65,912	7,153	3,286	204,761	57,679	7,922	2,559
Banking.....	15,182	11,611	1,713	821	14,132	10,935	1,758	809
Credit agencies other than banks.....	45,505	7,110	778	316	26,510	4,091	874	344
Holding and other investment companies.....	10,350	2,161	1,612	1,307	7,110	2,078	1,648	89
Security and commodity brokers, dealers exchange, and services.....	2,818	791	124	14	1,643	729	142	59
Insurance carriers.....	3,004	33,853	1,577	376	2,650	31,600	1,706	722
Insurance agents, brokers, and service.....	15,931	1,375	130	28	10,394	1,124	145	48
Real estate, exc. lessors of real prop. other than buildings.....	216,331	8,664	1,121	279	137,077	6,838	1,533	446
Lessors of real prop., exc. buildings.....	8,541	346	98	53	5,245	283	116	42
<b>Services</b> .....	110,065	22,227	968	215	61,754	17,981	1,321	491
Hotels, rooming houses, camps, and other lodging places.....	11,890	2,667	60	27	5,434	1,886	127	45
Personal services.....	20,109	3,027	103	19	11,918	2,435	138	46
Business services.....	20,122	7,660	413	96	17,513	6,676	483	196
Automotive repairs, services, and garages, and other repair services.....	17,463	2,225	96	10	10,827	1,743	125	39
Motion pictures.....	6,712	2,552	105	24	3,287	2,005	163	55
Amusement and recreation services, except motion pictures.....	11,890	1,824	92	22	5,406	1,380	148	58
Other services.....	12,819	2,272	100	18	7,279	1,855	136	52
<b>Nature of business not allocable</b> .....	16,531	215	2	2	3,460	142	21	5

<sup>1</sup> Paid in cash and assets other than stock. Excludes nondividend distributions of small business corporations taxed through shareholders. <sup>2</sup> "N.e.c." means not elsewhere classified.

Source: Treasury Department, Internal Revenue Service; *Statistics of Income*.



## No. 522. FEDERAL GIFT TAX RETURNS: 1959

[Money figures in thousands of dollars. Includes Alaska and Hawaii. Represents all returns filed during the calendar year, regardless of the year of donation. See also *Historical Statistics, Colonial Times to 1957*, series Y 346-347]

ITEM	Total	TAXABLE RETURNS BY NET GIFT CLASSES					Nontaxable returns, no net gifts
		Under \$50,000	\$50,000 to \$199,999	\$200,000 to \$599,999	\$600,000 to \$999,999	\$1,000,000 or more	
Number of returns <sup>1</sup> .....	77,920	13,967	1,434	306	54	32	62,127
Total gifts.....	1,870,062	471,393	202,298	122,717	48,345	83,377	941,932
Real estate.....	320,088	91,720	28,280	5,168	2,528	654	200,738
Federal bonds.....	16,297	4,567	1,171	1,090	90	12	9,367
State and municipal bonds.....	20,911	3,678	3,106	3,710	2,044	4,818	3,555
Other bonds.....	17,829	4,530	1,848	819	797	.....	9,835
Corporate stock.....	942,629	227,281	120,599	82,084	25,322	63,104	424,139
Cash.....	306,329	76,681	30,097	17,361	7,314	7,412	167,464
Insurance.....	49,579	15,866	2,866	1,719	72	.....	26,056
Other.....	187,500	47,070	14,331	10,766	10,178	7,377	97,778
Taxpayer's gifts reported by spouse <sup>2</sup> .....	419,716	103,045	39,145	26,341	8,931	11,169	231,085
Gifts of spouse reported by taxpayer <sup>2</sup> .....	393,622	88,863	33,334	27,372	8,104	11,119	224,830
Exclusions <sup>3</sup> .....	539,623	122,100	18,177	6,264	1,439	851	390,692
Total gifts after exclusions.....	1,304,445	335,111	178,310	117,484	46,079	82,476	544,985
Deductions.....	826,156	190,223	47,542	21,343	4,033	18,030	544,985
Charitable gifts after exclusions.....	236,631	60,540	28,487	17,725	1,940	16,122	111,817
Marital deduction <sup>4</sup> .....	84,009	17,477	3,625	1,816	2,022	1,666	57,403
Specific exemption <sup>5</sup> .....	505,516	112,206	15,430	1,802	71	242	375,765
Taxable gifts.....	478,289	144,888	130,708	96,141	42,046	64,446	.....
Gift tax.....	104,838	16,328	25,319	25,111	12,979	25,101	.....

<sup>1</sup> A return is required of every citizen or resident who during the calendar year made gifts (or who is considered as having made gifts) to any one donee of more than \$3,000 in value or made gifts of future interests in property regardless of value. A nonresident alien is required to file a return if gifts consist of property situated in the U.S.

<sup>2</sup> By consent of both spouses who are citizens or residents, gifts of husband or wife to third party may be considered as made one-half by each.

<sup>3</sup> Exclusions are the first \$3,000 of gifts (other than gifts of future interests) made to any one donee during calendar year. In case of consent to divide gifts between husband and wife, each spouse is allowed an exclusion against his half of the gift to a common donee.

<sup>4</sup> Deduction allowed citizens or residents for gifts made to the donor's spouse.

<sup>5</sup> The specific exemption of \$30,000 less the sum of amounts allowed in prior years may be taken in one year or spread over a period of years, at option of donor. A nonresident alien donor is not entitled to this exemption.

## No. 523. FEDERAL ESTATE TAX RETURNS—SUMMARY: 1940 TO 1959

[Includes Alaska and Hawaii. An estate tax return is required to be filed (1) for estate of every citizen and resident alien who died (a) in period Aug. 31, 1935, through Oct. 21, 1942, the value of whose gross estate exceeds \$40,000; and (b) on or after Oct. 22, 1942, value of whose gross estate exceeds \$60,000; and (2) for estate of every nonresident alien who died (a) prior to Oct. 22, 1942, any part of whose estate is situated in U.S. at date of death; and (b) on or after Oct. 22, 1942, only if gross estate situated in U.S. at date of death exceeds \$2,000. The estate of an individual who died in the period June 6, 1952, through Aug. 16, 1954, is subject to 2 Federal estate taxes—basic and additional. Basic tax is computed at rates provided by Revenue Act of 1926, and Int. Rev. Code of 1939 as basic estate tax. Additional tax is excess of tentative tax computed at rates provided by act in force at date of death, over basic tax. Under the 1954 Code, basic and additional rates were combined into a single tax rate schedule, applying to taxable estate. See also *Historical Statistics, Colonial Times to 1957*, series Y 333-342]

FILING PERIOD <sup>1</sup>	RETURNS FILED		GROSS ESTATE (\$1,000)		NET TAXABLE ESTATE <sup>4</sup> (\$1,000)		TAX <sup>4</sup> (\$1,000)	
	Citizens <sup>2</sup> and resident aliens	Nonresident aliens <sup>3</sup>	Citizens <sup>2</sup> and resident aliens	Nonresident aliens <sup>3</sup>	Citizens <sup>2</sup> and resident aliens	Nonresident aliens <sup>3</sup>	Citizens <sup>2</sup> and resident aliens	Nonresident aliens <sup>3</sup>
1940.....	15,435	1,441	2,632,659	15,540	1,479,268	13,916	250,360	1,196
1945.....	15,898	652	3,436,901	13,524	1,900,159	10,997	531,052	1,876
1950.....	25,858	1,286	4,918,094	24,157	1,916,645	18,192	483,520	3,229
1955.....	36,595	976	7,467,443	22,803	2,990,810	15,948	778,342	2,913
1957.....	46,473	908	10,293,069	28,884	4,342,072	20,987	1,176,710	4,589
1959.....	55,685	1,202	11,648,017	31,656	4,650,979	21,422	1,185,620	3,667

<sup>1</sup> No data compiled for 1956, 1958, or 1960.

<sup>2</sup> Excludes returns for estates of nonresident citizens who died prior to May 11, 1934.

<sup>3</sup> Includes returns for estates of nonresident citizens who died prior to May 11, 1934.

<sup>4</sup> Net taxable estate is net estate for additional tax and regular net estate for returns filed under the 1926 and prior acts. Tax shown is total net estate tax liability—the sum of net basic tax and net additional tax—and includes defense tax (10 percent of net tax) effective only for estates of individuals who died in period June 26, 1940, through Sept. 20, 1941.

Source of tables 522 and 523: Treasury Department, Internal Revenue Service; *Statistics of Income*.

## No. 524. PUBLIC AND PRIVATE DEBT: 1930 TO 1961

[In billions of dollars. Data as of end of calendar year except State and local government debt as of June 30. Alaska and Hawaii are included in many of the components. See text, p. 377. See also *Historical Statistics, Colonial Times to 1957*, series X 423-434]

YEAR	Public and private, total	PUBLIC			PRIVATE						
		Total <sup>1</sup>	Federal <sup>1</sup>	State and local <sup>2</sup>	Total	Corporate		Individuals and noncorporate			
						Long-term <sup>3</sup>	Short-term <sup>3</sup>	Mortgage		Nonmortgage	
								Farm	Non-farm	Farm <sup>4</sup>	Non-farm <sup>4</sup>
GROSS DEBT											
1930.....	214.3	35.8	17.3	18.5	178.5	61.1	46.3	9.4	32.0	2.4	27.3
1935.....	200.2	61.0	41.7	19.3	139.2	52.0	37.8	7.4	24.7	1.5	15.7
1940.....	215.8	73.8	53.6	20.2	142.0	51.2	37.7	6.5	26.0	2.6	17.9
1945.....	463.3	309.2	292.6	16.6	154.1	45.3	54.2	4.8	27.0	2.5	20.4
1946.....	457.9	288.0	272.1	15.9	160.9	48.4	60.9	4.9	32.5	2.7	20.5
1947.....	485.6	286.6	269.8	16.8	199.0	55.0	73.2	5.1	38.7	3.5	23.5
1948.....	498.6	276.7	258.0	18.7	221.9	62.8	76.0	5.3	45.1	5.5	27.3
1949.....	520.3	287.0	266.1	20.9	233.3	67.7	71.8	5.6	50.6	6.4	31.2
1950.....	566.4	290.6	266.4	24.2	275.8	72.2	94.9	6.1	50.4	6.2	37.2
1951.....	607.5	297.2	270.2	27.0	310.3	79.9	110.8	6.6	67.4	7.0	38.8
1952.....	646.0	308.9	279.3	29.6	337.1	88.0	113.5	7.2	75.2	8.0	45.2
1953.....	683.9	322.0	289.3	32.7	361.9	93.9	117.6	7.8	83.8	9.1	49.7
1954.....	714.1	332.3	294.4	37.9	381.8	99.5	116.8	8.3	94.6	9.3	53.3
1955.....	786.4	345.0	301.8	43.2	441.3	108.1	142.9	9.1	108.7	9.7	62.8
1956.....	831.1	348.5	300.5	48.0	482.6	120.3	154.6	9.9	121.2	9.6	66.9
1957.....	867.3	354.2	301.7	52.5	513.1	134.9	157.2	10.5	131.6	9.8	69.2
1958.....	916.7	367.8	310.6	57.2	548.9	146.0	163.5	11.3	144.6	12.1	71.5
1959.....	987.0	384.3	321.9	62.4	602.6	156.0	179.7	12.3	160.8	11.7	82.2
1960.....	1,029.7	389.3	322.1	67.1	640.4	160.5	185.6	13.1	174.5	12.3	88.5
1961.....	1,078.3	402.7	330.2	72.5	675.6	168.2	195.1	14.2	189.9	14.5	93.7
NET DEBT											
1930.....	191.0	30.6	16.5	14.1	160.4	51.1	38.2	9.4	32.0	2.4	27.3
1935.....	174.7	50.5	34.4	16.0	124.2	43.6	31.2	7.4	24.7	1.5	15.7
1940.....	189.9	61.3	44.8	16.5	128.6	43.7	31.0	6.5	26.0	2.6	17.9
1945.....	406.3	266.4	252.7	13.7	139.9	38.3	47.0	4.8	27.0	2.5	20.4
1946.....	397.4	243.3	229.7	13.6	154.1	41.3	52.2	4.9	32.5	2.7	20.5
1947.....	417.4	237.7	223.3	14.4	179.7	46.1	62.8	5.1	38.7	3.5	23.5
1948.....	433.6	232.7	216.5	16.2	200.9	52.5	65.3	5.3	45.1	5.5	27.3
1949.....	448.4	236.7	218.6	18.1	211.7	56.5	61.5	5.6	50.6	6.4	31.2
1950.....	490.3	239.4	218.7	20.7	250.9	60.1	81.9	6.1	50.4	6.2	37.2
1951.....	524.0	241.8	218.5	23.3	282.2	66.6	95.9	6.6	67.4	7.0	38.8
1952.....	555.2	248.7	222.9	25.8	306.5	73.3	97.7	7.2	75.2	8.0	45.2
1953.....	586.5	256.7	228.1	28.6	329.8	78.3	101.2	7.8	83.8	9.1	49.7
1954.....	612.0	263.6	230.2	33.4	348.4	82.9	100.0	8.3	94.6	9.3	53.3
1955.....	672.3	260.8	231.5	38.4	402.5	90.0	122.2	9.1	108.7	9.7	62.8
1956.....	707.5	268.1	225.4	42.7	439.4	100.1	131.7	9.9	121.2	9.6	66.9
1957.....	738.0	271.1	224.4	46.7	467.8	112.1	134.6	10.5	131.6	9.8	69.2
1958.....	782.5	283.6	232.7	50.9	498.9	121.2	138.4	11.3	144.6	12.1	71.5
1959.....	847.3	298.8	243.2	55.6	548.5	129.3	152.2	12.3	160.8	11.7	82.2
1960.....	884.1	301.0	241.0	60.0	583.1	137.9	156.9	13.1	174.5	12.3	88.5
1961.....	936.9	313.1	248.1	65.0	623.8	146.3	165.1	14.2	189.9	14.5	93.7

<sup>1</sup> Includes categories of debt not subject to statutory debt limit. Net Federal debt defined as gross debt outstanding less Federal Government securities held by Federal agencies and trust funds, and Federal agency securities held by U.S. Treasury and other Federal agencies; it thus equals Federal Government and agency debt held by the public.

<sup>2</sup> Includes State loans to local units.

<sup>3</sup> Long-term debt, original maturity of 1 year or more from date of issue; short-term, less than 1 year.

<sup>4</sup> Debt of farmers and farm cooperatives to institutional lenders and Federal Government lending agencies; farmers' financial and consumer debt included under "nonfarm" category.

<sup>5</sup> Comprises debt incurred for commercial (nonfarm), financial, and consumer purposes, including debt owed by farmers for financial and consumer purposes.

Source: Department of Commerce, Office of Business Economics (based on data from various governmental agencies); *Survey of Current Business*, July 1961, and May 1962.

## No. 525. PUBLIC DEBT OF THE FEDERAL GOVERNMENT: 1900 TO 1961

[Money figures in millions of dollars, except per capita amounts in dollars. As of June 30. Prior to 1920, on basis of public debt accounts; 1920 to 1952, on basis of daily Treasury statements; beginning 1953, on basis of Monthly Statement of Receipts and Expenditures of the U.S. Government. See also Historical Statistics, Colonial Times to 1957, series Y 368-379]

YEAR	GROSS DEBT			INTEREST PAID		YEAR	GROSS DEBT			INTEREST PAID	
	Total	Per capita <sup>1</sup>	Interest bearing <sup>2</sup>	Total	Percent of Federal expenditures <sup>3</sup>		Total	Per capita <sup>1</sup>	Interest bearing <sup>2</sup>	Total	Percent of Federal expenditures <sup>3</sup>
1900.....	1,263	\$16.60	1,023	40	7.7	1935.....	28,701	\$225.55	27,645	821	12.6
1905.....	1,132	13.51	895	25	4.3	1936.....	33,779	283.79	32,980	749	8.8
1910.....	1,147	12.41	913	21	3.1	1937.....	36,425	282.75	35,800	866	11.2
1911.....	1,154	12.29	915	21	3.1	1938.....	37,165	286.27	36,576	926	13.6
1912.....	1,194	12.62	964	23	3.3	1939.....	40,440	308.08	39,886	941	10.6
1913.....	1,193	12.27	966	23	3.2	1940.....	42,968	325.23	42,376	1,041	11.5
1914.....	1,188	11.99	968	23	3.1	1941.....	48,961	367.09	48,387	1,111	8.4
1915.....	1,191	11.85	970	23	3.0	1942.....	72,422	537.13	71,968	1,260	3.7
1916.....	1,225	12.02	972	23	3.1	1943.....	136,696	999.83	135,380	1,808	2.3
1917.....	2,976	28.77	2,713	25	1.3	1944.....	201,003	1,452.44	199,543	2,600	2.7
1918.....	12,455	119.13	12,198	190	1.5	1945.....	258,682	1,848.60	256,357	3,617	3.7
1919.....	25,485	242.56	25,237	619	3.3	1946.....	269,422	1,905.42	268,111	4,722	7.8
1920.....	24,299	228.23	24,063	1,020	15.9	1947.....	258,286	1,792.05	255,113	4,958	12.7
1921.....	23,977	220.91	23,739	999	19.5	1948.....	252,292	1,720.71	250,063	5,211	15.8
1922.....	22,963	208.65	22,710	991	29.4	1949.....	252,770	1,694.75	250,762	5,339	13.5
1923.....	22,350	199.64	22,007	1,050	32.0	1950.....	257,357	1,606.68	255,209	5,750	14.5
1924.....	21,251	186.23	20,981	941	30.9	1951.....	255,222	1,653.42	252,852	5,613	12.7
1925.....	20,516	177.12	20,211	882	28.8	1952.....	259,105	1,650.06	256,863	5,859	9.0
1926.....	19,643	167.32	19,384	832	26.9	1953.....	266,071	1,606.74	263,946	6,504	8.8
1927.....	18,512	155.51	18,253	787	26.5	1954.....	271,260	1,670.14	268,910	6,382	9.4
1928.....	17,604	146.09	17,318	732	23.6	1955.....	274,374	1,660.16	271,741	6,370	9.9
1929.....	16,931	139.04	16,639	678	20.6	1956.....	272,751	1,621.82	269,883	6,787	10.2
1930.....	16,185	131.51	15,922	659	19.2	1957.....	270,527	1,580.20	268,486	7,244	10.4
1931.....	16,801	135.45	16,520	612	17.1	1958.....	276,343	1,587.63	274,698	7,007	10.6
1932.....	19,487	156.10	19,161	599	12.9	1959.....	284,706	1,606.14	281,833	7,593	9.4
1933.....	22,539	179.48	22,158	689	14.9	1960.....	286,331	1,584.83	283,241	9,180	11.9
1934.....	27,053	214.07	26,480	757	11.3	1961.....	288,971	1,573.49	285,672	8,957	10.9

## INTEREST-BEARING DEBT

YEAR	Total	Public issues								Special issues	
		Marketable					Nonmarketable				
		Bills	Certifi- cates	Notes	Treas- ury bonds <sup>4</sup>	Other bonds <sup>5</sup>	U. S. sav- ings bonds	Treas- ury sav- ings notes	Treas- ury bonds, invest- ment series		Other bonds <sup>6</sup>
1940.....	42,376	1,302	-----	6,383	26,555	196	2,905	-----	-----	261	4,775
1945.....	256,357	17,041	34,136	23,497	106,449	196	45,586	10,136	-----	505	18,812
1950.....	255,209	13,533	18,418	20,404	102,795	160	57,536	8,472	954	582	32,356
1951.....	252,852	13,614	9,509	35,506	78,833	156	57,572	7,818	14,526	366	34,653
1952.....	266,863	17,219	28,423	18,963	75,660	142	57,685	6,612	14,046	373	37,739
1953.....	263,946	19,706	15,854	30,425	81,225	124	57,886	4,453	13,288	447	40,538
1954.....	268,910	19,515	18,405	31,960	80,378	96	58,061	5,079	12,775	411	42,229
1955.....	271,741	19,514	13,836	40,729	81,057	71	58,365	1,913	12,689	417	43,250
1956.....	269,883	20,808	16,303	35,952	81,840	50	57,497	-----	12,009	310	45,114
1957.....	268,486	23,420	20,473	30,973	80,789	50	54,622	-----	11,135	196	46,827
1958.....	274,698	22,406	32,920	20,416	90,883	50	51,934	-----	9,621	171	46,246
1959.....	281,833	32,017	33,843	27,314	84,803	50	50,503	-----	8,305	183	44,756
1960.....	283,241	33,415	17,650	51,483	81,247	50	47,544	-----	6,783	179	44,899
1961.....	285,672	36,723	13,338	56,257	80,830	-----	47,514	-----	5,830	136	45,043

<sup>1</sup> Based on estimated population for U.S., as of July 1 of each year; beginning 1959, includes Alaska, and 1960, Hawaii.

<sup>2</sup> Excludes bonds issued to Pacific railways and Navy pension fund.

<sup>3</sup> Calculated on total federal expenditures which have not been reduced by the amounts of interfund transactions representing interest payments and certain other payments to Treasury.

<sup>4</sup> Bank eligible bonds; for 1945-54 also includes bank restricted bonds.

<sup>5</sup> Comprises postal savings and Panama Canal bonds, and prior to 1947, also conversion bonds.

<sup>6</sup> Comprises depositary bonds, and adjusted service bonds until they matured on June 15, 1945. Also includes Armed Forces loan bonds for 1947-51, and Treasury bonds, Rural Electrification Administration series for 1961.

Source: Treasury Department; *Annual Report of the Secretary*, Statement of the Public Debt published in *Daily Statement of the U. S. Treasury*, and *Treasury Bulletin*.

### No. 526. OWNERSHIP IN PAR VALUE OF U. S. GOVERNMENT SECURITIES (DIRECT AND FULLY GUARANTEED): 1940 TO 1961

[In millions of dollars. As of December 31. Holdings of Federal Reserve Banks and U.S. Government agencies and trust funds are reported figures; holdings of other investor groups are estimates by Treasury Dept.]

ITEM	1940	1945	1950	1955	1960	1961
AMOUNT						
Gross debt <sup>1</sup> .....	50,942	278,682	256,731	280,822	290,373	296,499
U.S. Government agencies and trust funds: <sup>2</sup>						
Special issues.....	5,370	20,000	33,707	43,926	44,346	43,520
Public issues.....	2,260	7,048	5,490	7,805	10,720	11,004
Held by the public.....	43,312	251,634	217,533	229,091	235,307	241,975
Federal Reserve Banks.....	2,184	24,262	20,778	24,785	27,384	28,881
Commercial banks <sup>3</sup> .....	17,300	90,800	61,800	62,000	62,100	67,200
Mutual savings banks.....	3,200	10,700	10,900	8,500	6,300	6,100
Insurance companies.....	6,900	24,000	18,700	14,600	11,900	11,400
Other corporations.....	2,000	22,200	19,700	23,500	19,700	19,600
State and local governments.....	500	6,500	8,800	15,400	18,200	18,300
Individuals:						
Savings bonds <sup>4</sup> .....	2,800	42,900	40,600	50,200	45,600	46,400
Other securities.....	7,800	21,200	16,700	14,500	20,000	19,000
Miscellaneous investors <sup>5</sup> .....	700	9,100	10,500	15,600	24,200	25,000
PERCENT						
U.S. Government agencies and trust funds <sup>2</sup> .....	15.0	9.7	15.3	18.4	19.0	18.4
Banks.....	44.5	45.1	36.4	33.9	33.0	34.5
Federal Reserve.....	4.3	8.7	8.1	8.8	9.4	9.7
Commercial <sup>3</sup> .....	34.0	32.6	24.1	22.1	21.4	22.7
Mutual savings.....	6.3	3.8	4.2	3.0	2.2	2.1
Private nonbank investors.....	40.6	45.2	48.3	47.6	48.1	47.1
Insurance companies.....	13.5	8.6	7.3	5.2	4.1	3.8
Other corporations.....	3.9	8.0	7.7	8.4	6.8	6.6
Individuals.....	20.8	23.0	25.8	23.1	22.6	22.1
Other.....	2.4	5.6	7.5	11.0	14.6	14.6

<sup>1</sup> Includes all securities issued or guaranteed by U.S. Government, but excludes guaranteed securities held by the Treasury. <sup>2</sup> Includes Postal Savings System.

<sup>3</sup> Includes holdings by banks in outlying areas, amounting to about \$100,000,000 (0.3 percent) on June 30, 1961.

<sup>4</sup> U.S. savings bonds, Series A-F and J, included at current redemption value.

<sup>5</sup> Comprises savings and loan associations, dealers and brokers, foreign accounts, corporate pension funds, and nonprofit institutions.

### No. 527. MARKETABLE INTEREST-BEARING PUBLIC DEBT, BY MATURITY PERIOD AND AVERAGE LENGTH OF PERIOD: 1950 TO 1961

[In millions of dollars. As of June 30. All issues classified to final maturity except partially tax-exempt bonds, which are classified to earliest call date]

YEAR	Total amount outstanding	MATURITY PERIOD					Average length of period
		Within 1 year	1 to 5 years	5 to 10 years	10 to 20 years	20 years and over	
1950.....	155,310	42,338	51,202	7,792	28,035	25,853	8 yrs. 2 mos.
1955.....	155,206	40,703	30,107	34,253	23,613	3,530	5 yrs. 10 mos.
1956.....	154,953	58,714	34,401	28,908	28,578	4,351	5 yrs. 4 mos.
1957.....	155,705	71,952	40,669	12,323	26,407	4,349	4 yrs. 9 mos.
1958.....	166,675	67,782	42,557	21,476	27,652	7,208	5 yrs. 3 mos.
1959.....	178,027	72,958	58,304	17,052	21,625	8,088	4 yrs. 7 mos.
1960.....	183,845	70,467	72,344	20,246	12,030	7,658	4 yrs. 4 mos.
1961.....	187,148	81,120	53,400	26,435	10,233	10,960	4 yrs. 6 mos.
PERCENT DISTRIBUTION							
1950.....	100.0	27.3	33.0	5.0	18.1	16.6	-----
1955.....	100.0	32.0	25.2	22.1	18.4	2.3	-----
1956.....	100.0	37.9	22.2	18.7	18.4	2.8	-----
1957.....	100.0	46.2	26.1	7.9	17.0	2.8	-----
1958.....	100.0	40.7	25.5	12.9	16.6	4.8	-----
1959.....	100.0	41.0	32.8	9.6	12.1	4.5	-----
1960.....	100.0	38.3	39.6	11.0	6.9	4.2	-----
1961.....	100.0	43.3	31.2	14.1	5.5	5.9	-----

Source of tables 526 and 527: Treasury Department; *Treasury Bulletin*.

# No. 528. INTEREST-BEARING GOVERNMENT SECURITIES OUTSTANDING, BY TAX STATUS AND ISSUER: 1935 TO 1961

[In millions of dollars. As of June 30. U.S. Govt. data on basis of *Daily Treasury Statement*. Figures represent par values except in the case of data which include U.S. savings bonds, Series A to F and J, which are included on basis of current redemption values]

YEAR	Total outstanding	TAX STATUS				ISSUER			
		Tax-exempt			Tax-able <sup>3</sup>	U. S. Govt. special issues	U. S. Govt. <sup>4</sup>	Federal instrumentalities <sup>5</sup>	State, local, and territorial governments <sup>6</sup>
		Total	Wholly <sup>1</sup>	Partially <sup>2</sup>					
1935	53,283	52,650	34,446	18,204	-----	633	31,768	2,399	10,116
1940	70,117	65,327	30,240	35,087	15	4,775	47,874	2,199	20,044
1945	274,191	42,847	17,191	25,656	212,532	18,812	256,766	1,008	16,417
1950	279,776	36,841	23,964	12,877	210,579	32,356	255,226	746	23,804
1951	280,887	36,120	26,844	9,276	210,114	34,653	252,879	1,320	26,688
1952	287,406	36,823	29,421	7,402	212,843	37,739	256,907	1,220	29,279
1953	297,478	39,141	32,463	6,678	217,799	40,538	263,997	1,142	32,539
1954	307,308	43,541	37,544	5,997	221,628	42,229	268,990	960	37,448
1955	316,363	46,220	42,834	3,386	226,893	43,250	271,785	1,815	42,763
1956	320,109	51,022	47,636	3,386	223,973	45,114	269,956	2,567	47,586
1957	324,137	54,535	52,131	2,404	222,775	46,827	268,502	3,464	52,081
1958	335,365	58,325	56,840	1,485	230,794	46,240	274,798	3,777	56,790
1959	348,749	63,820	62,035	1,485	240,473	44,756	281,944	4,820	61,985
1960	356,075	67,960	66,475	1,485	243,216	44,899	283,380	6,270	66,425
1961	363,049	73,215	71,730	1,485	244,791	45,043	285,911	5,408	71,730

<sup>1</sup> Interest is exempt from both normal and surtax rates of Federal income tax.

<sup>2</sup> Interest is exempt only from normal rates of Federal income tax.

<sup>3</sup> Interest is subject to both normal and surtax rates of Federal income tax.

<sup>4</sup> Includes guaranteed securities of Federal instrumentalities except those held by Treasury.

<sup>5</sup> Non-guaranteed securities. Includes Federal land bank bonds only through June 30, 1956. Excludes stocks and interagency loans.

<sup>6</sup> Wholly tax-exempt. Excludes obligations of Philippine Islands after June 30, 1945, and Puerto Rico after June 30, 1952.

Source: Treasury Department; *Annual Report of the Secretary*.

# No. 529. U.S. SAVINGS BONDS—AMOUNTS OUTSTANDING, SALES, ACCRUED DISCOUNT, AND REDEMPTIONS: 1935 TO 1961

[In millions of dollars. As of December 31. Includes data for Series A to D; these series have not been issued since April 1941]

PERIOD	Amounts outstanding at end of period (all series) <sup>1</sup>	FUNDS RECEIVED FROM SALES DURING PERIOD				Accrued discounts during period (all series)	Redemptions during period <sup>2</sup> (all series)
		All series	Series E and H	Series F and J	Series G and K		
1935-41	6,140	6,486	\$ 1,145	\$ 208	\$ 1,185	201	547
1942	15,050	9,167	5,989	662	2,516	102	349
1943	27,363	13,729	10,344	745	2,640	160	1,585
1944	40,361	16,044	12,380	773	2,891	295	3,341
1945	48,183	12,937	9,822	595	2,520	484	5,588
1946	49,776	7,427	4,466	326	2,637	640	6,427
1947	52,053	6,694	4,085	342	2,267	742	5,126
1948	55,051	7,295	4,224	408	2,573	872	5,144
1949	56,707	5,833	4,208	233	1,392	981	5,101
1950	58,019	6,074	3,668	417	1,990	1,104	5,840
1951	57,587	3,961	3,190	124	646	1,181	5,651
1952	57,940	4,161	3,575	129	468	1,220	5,074
1953	57,710	4,800	4,368	432	1,237	1,237	6,149
1954	57,672	6,173	4,839	1,284	1,236	1,236	6,985
1955	57,924	6,276	5,368	907	1,216	1,216	7,301
1956	56,293	5,517	5,043	475	1,217	1,217	8,264
1957	52,474	4,005	4,507	98	1,216	1,216	9,630
1958	51,192	4,689	4,689	(4)	1,235	1,235	7,255
1959	48,154	4,320	4,320	(4)	1,221	1,221	8,772
1960	47,159	4,350	4,350	(4)	1,252	1,252	6,732
1961	47,458	4,539	4,539	-----	1,322	1,322	5,595

<sup>1</sup> Interest-bearing debt only.

<sup>2</sup> Comprises both matured and unmatured bonds. <sup>3</sup> 1941 only.

<sup>4</sup> Less than \$500,000. Sales of Series F and G were discontinued Apr. 30, 1952; sales of Series J and K were discontinued Apr. 30, 1957. Sales figures after 1957 represent adjustments.

Source: Treasury Department; monthly data published currently in *Treasury Bulletin* and *Federal Reserve Bulletin*.

### No. 530. CIVILIAN EMPLOYMENT AND PAYROLLS OF THE FEDERAL GOVERNMENT, BY BRANCH: 1930 TO 1962

[Includes data for employees in Alaska, Hawaii, outlying areas of the U.S., and in foreign countries. Monthly employment figures represent number in active-duty status as of last day of month, including intermittent employees who worked during month. Annual employment figures are averages of monthly figures. Payrolls are totals for calendar year or month, as indicated. Excludes employees of Central Intelligence Agency and, beginning August 1959, those of the National Security Agency, for security reasons. Employees of General Accounting Office and Government Printing Office included with legislative branch. See also *Historical Statistics, Colonial Times to 1957*, series Y 241-250, for employment for years ending June 30]

YEAR AND MONTH	EMPLOYMENT (1,000)				PAYROLLS (\$1,000,000)			
	Total <sup>1</sup>	Executive <sup>1</sup>	Legislative	Judicial	Total <sup>1</sup>	Executive <sup>2</sup>	Legislative	Judicial
1930.....	592	580	11	2	1,092	1,061	25	6
1935.....	805	790	14	2	1,381	1,344	31	6
1940.....	1,053	1,033	17	2	1,908	1,860	40	8
1941.....	1,439	1,418	19	3	2,597	2,546	43	8
1942.....	2,377	2,353	21	3	4,553	4,496	49	8
1943.....	3,180	3,154	23	3	7,432	7,363	60	9
1944.....	3,342	3,315	25	3	7,696	7,619	68	9
1945.....	3,526	3,496	27	3	8,019	7,933	77	10
1946.....	2,651	2,620	28	3	6,701	6,604	84	13
1947.....	2,145	2,116	25	3	5,912	5,809	88	15
1948.....	2,080	2,053	24	3	6,156	6,051	89	16
1949.....	2,083	2,055	24	4	6,645	6,531	97	17
1950.....	2,079	2,052	23	4	6,966	6,846	101	19
1951.....	2,473	2,446	23	4	8,935	8,814	103	20
1952.....	2,603	2,577	23	4	10,037	9,907	109	21
1953.....	2,567	2,541	22	4	10,009	9,880	109	21
1954.....	2,424	2,398	22	4	9,680	9,553	110	22
1955.....	2,402	2,376	22	4	10,296	10,146	122	26
1956.....	2,416	2,390	22	4	10,845	10,688	129	28
1957.....	2,422	2,395	22	5	11,199	11,036	133	30
1958.....	2,389	2,362	22	5	12,181	12,004	143	34
1959.....	2,393	2,366	23	5	12,541	12,358	148	34
1960.....	<sup>2</sup> 2,430	<sup>2</sup> 2,403	23	5	<sup>3</sup> 13,242	<sup>2</sup> 13,052	154	36
1961.....	2,441	2,412	23	5	14,074	13,872	164	39
March.....	2,381	2,354	23	5	1,207	1,190	14	3
June.....	2,436	2,407	24	5	1,182	1,165	14	3
September.....	2,444	2,415	24	5	1,160	1,152	14	3
December.....	2,673	2,644	23	5	1,228	1,210	14	3
1962, March.....	2,459	2,430	24	5	<sup>3</sup> 1,208	<sup>3</sup> 1,190	14	4

<sup>1</sup> Includes Christmas help of the Post Office Department.

<sup>2</sup> Includes 437,008 temporary, piece-rate workers on the Eighteenth Decennial Census.

<sup>3</sup> Partially estimated.

Source: Civil Service Commission; *Monthly Report of Federal Employment*, and records.

### No. 531. CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT—SUMMARY: 1955, 1960, AND 1961

[As of December 31. Beginning 1960, includes Alaska and Hawaii. Excludes Central Intelligence Agency, temporary Christmas help of the Post Office Department, and, beginning 1960, National Security Agency]

ITEM	UNITED STATES			WASHINGTON, D.C., STANDARD METROPOLITAN STATISTICAL AREA <sup>1</sup>		
	1955	1960	1961	1955	1960	1961
Paid employment.....	2,153,290	2,212,848	2,284,678	227,465	235,864	243,236
Full time.....	2,034,822	2,083,783	2,162,754	223,998	230,727	238,137
Other.....	118,468	129,065	121,924	3,467	5,137	5,099
Competitive service.....	1,964,534	2,040,687	2,102,414	193,169	201,896	207,201
Career.....	1,564,673	1,676,193	1,705,971	153,415	161,738	161,812
Career-conditional.....	245,580	250,921	280,484	20,921	32,652	37,492
Temporary and indefinite.....	154,281	113,673	115,959	13,833	7,506	7,897
Excepted service <sup>2</sup> .....	188,756	172,161	182,264	34,296	33,968	36,035
Permanent.....	101,476	100,486	103,255	27,968	26,324	27,227
Other.....	87,280	71,675	79,009	6,328	7,644	8,808
White-collar.....	1,492,013	1,638,850	1,693,960	186,872	197,803	206,268
Blue-collar.....	661,277	573,998	590,718	40,593	38,061	36,968
Uncompensated employees on rolls.....	98,717	107,782	108,847	2,766	2,785	2,481

<sup>1</sup> For definition of Washington, D.C., standard metropolitan statistical area, see table 536, footnote 1.

<sup>2</sup> Persons excepted from competitive requirements of Civil Service Act.

Source: Civil Service Commission; monthly report, *Federal Employment Statistics Bulletin*, and records.

**No. 532. PAID CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT, BY AGENCY:**  
1956 TO 1962

[As of June 30, except where noted. See headnote, table 530. See also *Historical Statistics, Colonial Times to 1957*, series Y 241-250]

AGENCY	1956	1957	1958	1959	1960	1961	1962 <sup>1</sup>
<b>All agencies</b>	<b>2,398,736</b>	<b>2,417,565</b>	<b>2,382,491</b>	<b>2,382,807</b>	<b>2,398,704</b>	<b>2,435,808</b>	<b>2,445,598</b>
Legislative branch	22,115	22,340	22,847	22,853	22,886	23,621	23,464
Judicial branch	4,355	4,664	4,852	4,900	4,992	5,158	5,456
Executive branch	2,372,266	2,390,561	2,355,202	2,355,054	2,370,826	2,407,029	2,416,678
<b>Executive Office of the President:</b>							
White House Office	374	387	394	405	446	411	441
Bureau of the Budget	430	442	440	431	434	485	455
Executive Mansion and Grounds	70	72	72	72	70	71	72
National Security Council	27	26	64	65	65	56	43
Office of Civil and Defense Mobilization	259	254	<sup>3</sup> 1,758	1,758	1,833	1,768	<sup>3</sup> 476
All other	36	37	34	39	39	47	72
<b>Executive departments:</b>							
Agriculture	89,398	95,998	101,139	97,220	98,604	102,557	91,279
Commerce	47,440	53,732	56,790	32,224	<sup>2</sup> 49,300	<sup>2</sup> 30,337	<sup>2</sup> 28,487
Department of Defense:							
Office of the Secretary	1,899	1,655	1,646	1,756	1,865	1,960	13,874
Department of the Army	434,691	420,217	415,914	405,848	390,046	390,761	387,737
Department of the Navy	394,669	389,717	363,729	357,108	347,760	346,310	351,507
Department of the Air Force	348,577	340,326	315,806	313,466	307,449	303,376	306,862
Health, Education, and Welfare	46,058	52,591	55,234	59,099	61,641	70,335	73,347
Interior	53,404	55,288	55,999	54,991	56,111	58,748	54,029
Justice	30,876	30,613	30,760	29,987	30,942	31,262	30,899
Labor	5,795	5,927	5,932	5,922	7,096	7,485	8,083
Post Office	508,587	521,198	538,416	549,951	562,868	582,447	580,433
State	32,405	33,979	35,198	35,783	37,696	38,792	38,999
Treasury	77,781	78,376	77,467	76,011	76,179	79,970	80,763
<b>Independent agencies:</b>							
Airways Modernization Board			168	(4)			
American Battle Monuments Com.	718	606	554	513	461	446	413
Atomic Energy Commission	6,637	6,910	7,107	6,855	6,907	6,846	6,783
Board of Governors, Federal Reserve System	577	2,589	602	607	598	600	603
Canal Zone Government	2,431	2,551	2,589	2,608	2,625	2,619	2,655
Civil Aeronautics Board	600	602	701	719	755	780	787
Civil Service Commission	4,254	4,475	3,935	3,790	3,679	3,772	3,823
Commission on Civil Rights			42	81	82	83	56
Development Loan Fund				68	117	135	(5)
Export-Import Bank	172	185	210	225	237	259	257
Farm Credit Administration <sup>2</sup>	1,038	950	859	843	245	237	235
Federal Aviation Agency				33,624	38,132	42,838	43,295
Federal Civil Defense Admin.	1,078	1,264	(3)				
Federal Communications Comm.	1,116	1,197	1,238	1,281	1,403	1,396	1,360
Federal Deposit Insurance Corp.	1,127	1,143	1,224	1,247	1,249	1,298	1,274
Federal Home Loan Bank Board	689	750	898	954	1,000	1,129	1,144
Federal Mediation and Conciliation Service	346	332	339	342	347	347	355
Federal Power Commission	720	758	764	871	859	918	898
Federal Trade Commission	641	744	738	734	782	855	1,000
Foreign Claims Settlement Comm.	128	114	86	55	47	56	62
General Services Administration	26,426	27,410	27,885	27,943	28,211	29,044	30,682
Housing and Home Finance Agency	<sup>7</sup> 10,162	9,893	10,279	11,115	11,105	11,507	12,491
Information Agency	10,821	11,815	10,900	10,769	10,915	10,864	11,005
Interstate Commerce Commission	1,907	2,203	2,260	2,283	2,381	2,396	2,393
National Advisory Committee for Aeronautics	7,861	7,992	7,818	(4)			
National Aeronautics and Space Administration				9,235	10,232	17,471	19,654
Nat'l Capital Housing Authority	258	254	270	310	331	406	420
National Labor Relations Board	1,128	1,151	1,148	1,484	1,750	1,816	1,841
National Mediation Board	107	109	115	117	129	129	139
National Science Foundation	251	323	404	544	734	838	789
Panama Canal Company	12,433	11,617	12,031	11,451	11,436	11,711	11,853
Railroad Retirement Board	2,222	2,431	2,593	2,460	2,234	2,235	2,116
Renegotiation Board	469	359	326	301	284	271	292

See footnotes at end of table.

No. 532. PAID CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT, BY AGENCY:  
1956 to 1962—Continued

AGENCY	1956	1957	1958	1959	1960	1961	1962 <sup>1</sup>
<b>Independent agencies—Continued</b>							
St. Lawrence Seaway Development Corporation.....	36	38	175	180	159	160	154
Securities and Exchange Comm.....	734	785	879	937	980	1,087	1,210
Selective Service System.....	6,860	6,856	6,338	6,413	6,230	6,607	6,804
Small Business Administration.....	821	1,161	1,471	2,015	2,244	2,633	2,922
Smithsonian Institution.....	1,089	1,211	1,430	1,401	1,555	1,492	1,471
Soldiers' Home.....	1,016	1,032	1,031	1,027	1,041	1,046	1,032
Tariff Commission.....	208	217	219	233	271	270	269
Tax Court of the United States.....	140	145	150	152	153	146	149
Tennessee Valley Authority.....	14,708	15,651	16,056	14,768	14,993	17,134	18,429
Veterans Administration.....	176,653	174,022	172,005	171,414	172,338	174,110	170,716
Virgin Islands Corporation.....	739	717	699	739	705	639	585
All other.....	103	164	156	210	286	336	591

<sup>1</sup> As of January 31.

<sup>2</sup> For 1960, includes 15,574 temporary piece-rate workers on the Eighteenth Decennial Census; for 1960 to 1962, includes following numbers of seamen employed by the Maritime Administration; 180 in 1960, 183 in 1961, and 123 in 1962.

<sup>3</sup> Federal Civil Defense Administration and Office of Defense Mobilization combined as Office of Civil and Defense Mobilization in 1958; became Office of Emergency Planning by 1962.

<sup>4</sup> Airways Modernization Board (Civil Aeronautics Administration, Department of Commerce) and 24 employees of Civil Aeronautics Board were transferred to the Federal Aviation Agency.

<sup>5</sup> Functions transferred to Department of State.

<sup>6</sup> 1956-1959 includes Federal Intermediate Credit Banks and Central Bank for Cooperatives under Farm Credit Administration supervision.

<sup>7</sup> Excludes Federal Home Loan Bank Board which was established as an independent agency.

<sup>8</sup> Became National Aeronautics and Space Administration.

Source: Civil Service Commission; *Annual Report* and *Monthly Report of Federal Employment*.

No. 533. PAID CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT, BY AREA AND SEX: 1945 TO 1961

[In thousands, except percent. As of December 31. Excludes Central Intelligence Agency, temporary Christmas help of the Post Office Department, and, beginning August 1959, National Security Agency]

AREA AND SEX	1945 <sup>1</sup>	1950 <sup>1</sup>	1955 <sup>1</sup>	1957	1958	1959 <sup>1</sup>	1960 <sup>1</sup>	1961 <sup>1</sup>
United States <sup>2</sup> .....	2,404	2,020	<sup>3</sup> 2,153	<sup>3</sup> 2,143	2,171	2,220	2,213	2,285
Male.....	1,579	1,544	1,639	1,609	1,638	1,676	1,668	1,724
Female.....	824	476	514	534	533	544	545	561
Percent female.....	34	24	24	25	25	25	25	25
Washington, D. C., standard metropolitan statistical area, total <sup>4</sup> .....	236	238	227	225	228	231	236	243
Male.....	105	132	131	132	135	137	140	146
Female.....	131	106	96	93	93	94	96	98
Percent female.....	56	44	42	41	41	41	41	40

<sup>1</sup> Distribution by sex estimated.

<sup>2</sup> Beginning 1959, includes Alaska and Hawaii.

<sup>3</sup> Includes census enumerators for whom sex was not reported, as follows: 1955, 903; and 1957, 636.

<sup>4</sup> For definition of Washington, D.C., standard metropolitan statistical area, see table 536, footnote 1.

Source: Civil Service Commission; *Annual Report* and records.



**No. 534. ACCESSIONS TO AND SEPARATIONS FROM PAID CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT: 1950 TO 1961**

[For years ending June 30. Not entirely comparable with similar data in earlier *Statistical Abstracts*; now includes accessions and separations of part-time and intermittent employees]

ITEM	UNITED STATES <sup>1</sup>				WASHINGTON, D.C., STANDARD METROPOLITAN STATISTICAL AREA <sup>2</sup>			
	1950	1955	1960	1961	1950	1955	1960	1961
Accessions, total number.....	414, 043	520, 825	496, 856	481, 077	43, 273	46, 171	48, 063	51, 205
Average monthly rate <sup>3</sup> .....	1.9	2.0	1.9	1.8	1.7	1.7	1.8	1.9
Separations, total number.....	494, 755	503, 068	480, 526	430, 613	48, 774	42, 479	41, 780	45, 708
Average monthly rate <sup>3</sup> .....	2.2	2.0	1.8	1.6	1.9	1.6	1.6	1.7
By type of separation:								
Quit <sup>4</sup> .....	187, 396	232, 141	210, 352	186, 483	24, 078	26, 109	26, 289	26, 918
Reduction in force.....	103, 281	38, 505	23, 411	16, 946	6, 136	1, 181	336	960
Discharge <sup>5</sup> .....	16, 080	13, 545	13, 034	12, 793	920	636	662	806
Other <sup>6</sup> .....	187, 998	218, 877	233, 720	214, 391	17, 631	14, 253	14, 403	17, 024

<sup>1</sup> Beginning 1960, includes Alaska and Hawaii.

<sup>2</sup> For definition of Washington, D.C., standard metropolitan statistical area, see table 536, footnote 1.

<sup>3</sup> Per 100 employees.

<sup>4</sup> Represents resignation, transfer to other Federal agency, and abandonment of position.

<sup>5</sup> Represents separation required by an agency for disqualification or inefficiency, and removal for misconduct, delinquency, or other serious cause.

<sup>6</sup> Represents termination of appointment, and separation for extended leave without pay, military leave, retirement, death, legal incompetency, and disability not entitled to retirement.

Source: Civil Service Commission; *Annual Report*, and records.

**No. 535. PAID CIVILIAN EMPLOYMENT IN FULL-TIME POSITIONS IN THE FEDERAL GOVERNMENT AND AVERAGE PAY, BY COMPENSATION AUTHORITY: 1950 TO 1961**

[As of June 30. For United States including Alaska and Hawaii beginning 1960. Excludes employees of Congress, Federal Courts, Maritime seamen of Department of Commerce, and small number for whom rates were not reported]

COMPENSATION AUTHORITY	1950		1955		1960		1961	
	Number of employees	Average pay <sup>1</sup>	Number of employees	Average pay <sup>1</sup>	Number of employees	Average pay <sup>1</sup>	Number of employees	Average pay <sup>1</sup>
<b>Total</b> .....	1, 627, 812	\$3, 504	2, 045, 626	\$4, 416	2, 083, 206	\$5, 441	2, 135, 291	\$5, 847
Classification Act of 1949.....	800, 748	3, 667	886, 512	4, 689	953, 995	5, 697	988, 241	6, 209
General schedule <sup>2</sup> .....	701, 824	3, 788						
Crafts, protective, and custodial schedule <sup>2</sup> .....	98, 024	2, 807	673, 077	4, 111	585, 504	5, 386	580, 192	5, 569
Wage Board <sup>2</sup> .....	429, 730	3, 133						
Postal Pay Act.....	362, 133	3, 488	432, 282	4, 197	482, 609	4, 853	502, 577	5, 292
Other acts and admin. orders.....	35, 192	4, 502	53, 755	5, 477	61, 098	6, 617	64, 281	7, 156

<sup>1</sup> Arithmetic means based on annual rates and other rates converted to annual equivalents.

<sup>2</sup> Beginning 1955, under amended Classification Act of 1949, approximately  $\frac{1}{3}$  of GPO employees were classified under General Schedule, and  $\frac{2}{3}$  were classified under Wage Boards. See headnote, table 539, for definition of General Schedule.

Source: Civil Service Commission; annual report, *Pay Structure of the Federal Civil Service*.

**No. 536. PAID CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT, 1939 TO 1961,  
AND FOR SELECTED AGENCIES, 1961, BY STATES AND OTHER AREAS**

[As of December 31. Partially estimated. Excludes Central Intelligence Agency, temporary Christmas help of the Post Office Department, and, beginning 1960, National Security Agency]

STATE OR OTHER AREA	TOTAL EMPLOYMENT				EMPLOYMENT BY AGENCY, 1961			
	1939	1950	1960	1961	Department of Defense	Post Office Department	Veterans Administration	Other agencies
<b>Total</b> .....	967,765	2,177,008	2,372,580	2,447,896	1,059,658	586,235	176,458	626,145
United States.....	933,276	2,055,157	2,212,848	2,284,078	955,825	584,832	175,420	568,001
Washington, D.C., standard met. stat. area <sup>1</sup>	132,516	237,736	235,864	243,230	72,954	12,856	5,400	151,560
50 States <sup>2</sup> .....	800,769	1,817,421	1,976,984	2,041,442	882,871	571,976	169,980	416,635
Alabama.....	12,975	37,852	60,867	63,646	33,950	6,768	3,816	17,122
Alaska.....	2,429	13,237	12,556	12,763	5,799	662	34	6,268
Arizona.....	7,081	12,886	19,797	20,732	7,589	3,255	1,548	8,340
Arkansas.....	10,368	15,066	13,197	14,463	4,263	4,185	2,674	3,341
California.....	51,281	211,116	239,464	248,202	144,765	51,580	15,336	30,521
Colorado.....	9,764	25,574	33,909	35,543	14,716	6,417	2,632	11,778
Connecticut.....	6,864	10,433	14,649	14,882	2,621	8,207	1,913	2,141
Delaware.....	1,396	2,075	3,372	3,439	1,228	1,194	408	649
Florida.....	10,996	33,162	47,950	50,044	24,246	13,860	3,121	8,827
Georgia.....	18,243	47,860	55,500	57,544	32,666	9,827	3,984	11,067
Hawaii.....	5,721	21,867	22,091	22,330	18,848	1,198	80	2,213
Idaho.....	3,934	5,163	6,214	6,449	535	1,685	395	3,534
Illinois.....	50,263	95,950	98,915	100,427	28,495	43,185	10,044	18,703
Indiana.....	12,025	34,348	31,682	32,905	11,268	13,418	2,934	5,295
Iowa.....	10,634	15,483	15,790	16,127	490	8,882	2,870	3,885
Kansas.....	9,455	19,825	21,058	20,204	5,616	7,354	3,171	4,063
Kentucky.....	12,255	27,095	27,604	29,452	12,283	7,364	2,171	7,634
Louisiana.....	13,107	23,142	22,878	23,873	7,212	6,528	2,433	7,740
Maine.....	7,979	10,921	17,295	17,286	11,550	3,475	948	1,313
Maryland <sup>1</sup> .....	20,656	41,862	48,315	48,317	23,828	6,670	2,628	15,185
Massachusetts.....	36,484	54,931	62,246	65,690	27,488	23,100	7,019	8,083
Michigan.....	19,474	40,049	42,399	44,575	10,960	20,979	4,783	7,863
Minnesota.....	13,693	23,135	24,592	24,692	1,789	13,098	3,790	6,015
Mississippi.....	11,770	15,144	15,696	16,856	6,135	3,969	2,276	4,476
Missouri.....	23,215	50,549	49,959	51,564	14,123	19,756	3,843	13,842
Montana.....	9,463	7,937	8,405	9,195	1,253	2,010	527	5,405
Nebraska.....	9,203	18,480	15,402	15,658	4,397	5,487	1,608	4,166
Nevada.....	3,053	4,904	5,842	6,160	2,824	914	307	2,116
New Hampshire.....	3,791	3,023	3,595	3,854	864	1,973	351	666
New Jersey.....	19,641	46,670	53,835	55,910	26,841	18,394	3,899	6,776
New Mexico.....	6,455	13,164	22,790	23,295	11,394	2,312	1,265	8,324
New York.....	97,155	169,771	179,784	181,679	50,956	81,080	16,928	32,715
North Carolina.....	11,231	24,730	28,491	29,474	10,395	9,046	3,875	6,168
North Dakota.....	4,356	6,743	5,863	6,553	881	2,468	869	2,335
Ohio.....	32,508	59,064	58,785	60,483	38,490	30,347	7,491	14,165
Oklahoma.....	11,596	37,461	42,098	43,099	24,783	6,974	1,695	9,647
Oregon.....	9,899	16,227	19,964	20,317	3,530	5,210	1,995	9,582
Pennsylvania.....	59,163	123,210	120,084	132,429	68,519	37,287	10,999	15,624
Rhode Island.....	7,379	11,225	12,343	12,790	8,002	2,635	765	798
South Carolina.....	10,107	19,825	22,461	23,336	14,869	4,453	1,005	3,006
South Dakota.....	5,017	8,372	8,984	9,329	1,798	2,428	1,596	3,567
Tennessee.....	18,356	39,779	34,052	35,570	6,677	9,230	4,924	14,759
Texas.....	29,818	97,432	112,647	116,204	59,207	25,263	8,736	22,998
Utah.....	4,075	24,526	26,443	27,667	18,516	2,717	5,215	5,219
Vermont.....	2,659	2,980	3,057	3,030	67	1,665	389	909
Virginia <sup>1</sup> .....	24,799	67,547	60,898	70,133	46,558	8,543	4,334	10,698
Washington.....	19,808	57,697	45,643	40,769	23,649	8,519	3,220	11,381
West Virginia.....	5,950	10,523	10,540	10,858	856	4,007	2,312	3,083
Wisconsin.....	13,791	20,073	20,368	20,866	1,800	10,750	3,958	4,358
Wyoming.....	3,335	5,659	4,695	4,746	668	1,062	796	2,220
Undistributed.....		1,519	10	24	24			
Outside United States.....	34,489	121,851	159,732	163,218	103,233	1,403	1,038	57,544
Puerto Rico.....	2,678	5,259	7,043	7,418	3,525	1,252	671	1,970
Other outlying areas.....	26,731	36,307	25,175	25,174	9,271	137	2	15,764
Foreign countries.....	5,080	80,285	127,514	130,626	90,437	14	365	39,810

<sup>1</sup> Beginning 1950, Washington, D.C., standard metropolitan statistical area includes Dist. of Columbia; Alexandria and Falls Church cities, Arlington and Fairfax Counties, Virginia; and Montgomery and Prince Georges Counties, Maryland. These areas excluded from data for 50 States.

<sup>2</sup> Relates to District of Columbia only.

Source: Civil Service Commission; records.

### No. 537. PAID CIVILIAN EMPLOYEES WITH VETERAN PREFERENCE IN THE FEDERAL GOVERNMENT, BY SELECTED CHARACTERISTICS: 1950 TO 1961

[As of December 31. Excludes Central Intelligence Agency, Congress, Architect of the Capitol, Library of Congress, U.S. Courts, temporary Christmas help of the Post Office Department; until 1955, the Soldiers' Home, for which distribution is not available; until 1961, Botanic Gardens; and beginning 1960, National Security Agency]

ITEM	UNITED STATES <sup>1</sup>				WASHINGTON, D. C., STANDARD METROPOLITAN STATISTICAL AREA <sup>3</sup>			
	1950	1955 <sup>2</sup>	1960 <sup>2</sup>	1961 <sup>2</sup>	1950	1955 <sup>2</sup>	1960 <sup>2</sup>	1961 <sup>2</sup>
<b>Total</b> .....	979,719	1,076,980	1,190,210	1,224,710	81,932	84,980	91,020	90,611
Veterans.....	961,685	1,056,400	1,170,740	1,206,255	78,838	81,970	88,350	88,144
Sex:								
Male.....	935,499	1,031,450	1,146,050	1,181,632	74,753	78,700	85,190	85,179
Female.....	20,186	24,950	24,690	24,623	4,085	3,270	3,160	2,965
Type of preference:								
Disabled (10-point).....	151,707	165,560	206,100	213,922	10,054	10,039	10,320	10,238
Other (5-point).....	809,978	890,840	964,640	992,333	68,784	71,940	73,030	77,906
Wives, widows, and mothers of veterans (10-point).....	18,034	20,580	19,470	18,455	3,094	3,010	2,670	2,467

<sup>1</sup> Beginning 1960, includes Alaska and Hawaii. <sup>2</sup> Estimated. <sup>3</sup> See footnote 1, table 536.

Source: Civil Service Commission; records.

### No. 538. BLUE-COLLAR WORKERS IN THE FEDERAL GOVERNMENT, SELECTED AGENCIES, BY MAJOR OCCUPATION GROUP: 1960

[As of October 31. Covers full-time workers; includes Alaska, Hawaii, and U.S. citizens working abroad]

MAJOR OCCUPATION GROUP	All agencies	Army	Navy	Air Force	Post Office	General Services Administration	Veterans Administration	Other
<b>Total</b> .....	635,207	137,922	199,197	134,174	47,287	15,054	36,639	64,934
Manual labor.....	90,973	9,925	14,400	6,140	32,331	7,211	7,321	13,645
Mobile industrial equipment operation and maintenance.....	72,441	23,712	19,820	13,434	7,140	619	1,659	6,048
Fixed industrial equipment operation and maintenance.....	53,523	13,032	11,019	10,583	5,451	3,061	2,568	7,809
Warehousing.....	50,799	14,344	12,643	20,347	148	616	969	1,732
Services.....	41,609	10,336	4,921	3,727	-----	1	19,231	3,303
Metal work.....	38,479	4,406	23,101	8,071	231	62	167	2,441
Aircraft repair, propeller work, and engine overhaul.....	33,718	723	9,852	22,026	-----	-----	-----	1,112
Electrical installation and maintenance.....	32,324	3,710	15,375	7,882	154	674	693	3,836
Machine shop work.....	31,938	8,427	14,834	6,310	45	42	87	2,193
Electronic equipment installation, maintenance, and operation.....	24,430	6,176	7,764	9,415	1	23	40	1,011
Marine work.....	23,632	4,243	16,811	8	-----	-----	-----	2,570
Woodworking.....	21,929	5,853	7,348	5,646	85	624	694	1,679
Pipefitting.....	17,707	2,661	10,033	2,735	23	330	816	1,109
Printing and reproduction.....	14,869	3,046	2,116	1,618	30	98	42	7,919
Ammunition and armament work.....	14,467	7,442	5,945	797	-----	-----	-----	283
Painting and paperhanging.....	13,865	2,679	5,757	2,986	132	509	952	850
Construction and maintenance work.....	12,520	1,906	3,446	1,475	1,215	853	378	3,347
Packing and processing.....	10,323	5,073	2,460	2,263	3	131	12	381
Manufacture and repair shop operation.....	7,773	1,545	5,441	516	31	-----	-----	240
Instrument maintenance and overhaul.....	6,496	616	1,896	3,985	3	5	3	488
Fabric, leather, fur, and textile work.....	6,329	2,564	1,733	1,202	178	11	329	252
Wire communications equipment installation and maintenance.....	3,209	1,533	452	1,079	-----	1	-----	144
Masonry, plastering, and roofing.....	2,363	553	782	402	3	123	301	199
Railroad operation and maintenance.....	2,254	857	493	245	-----	15	1	643
General equipment maintenance.....	2,105	1,065	322	302	83	42	167	124
Animal caretaking.....	1,115	262	54	16	-----	-----	119	661
Rubber work.....	786	454	106	218	-----	-----	-----	8
Motion picture, radio, television, sound recording equipment work.....	620	294	40	61	-----	-----	87	138
Plastic work.....	429	58	49	300	-----	-----	-----	13
Optical work.....	368	153	215	-----	-----	-----	-----	-----
Glass work.....	141	43	57	19	-----	3	3	10
Quartz crystal work.....	120	51	32	35	-----	-----	-----	2
Quarry work.....	64	8	4	-----	-----	-----	-----	52
All other occupations.....	1,489	167	407	262	-----	-----	-----	593

Source: Civil Service Commission; annual report, *Occupations of Federal Blue-Collar Workers*.

### No. 539. WHITE-COLLAR EMPLOYEES IN THE FEDERAL GOVERNMENT, BY MAJOR OCCUPATIONAL GROUP: 1960

[As of October 31. Covers full-time employees; includes Alaska, Hawaii, outlying areas of the United States, and foreign countries, but excludes foreign nationals overseas. Average grade is median based on employees reported by General Schedule grades; average salary is arithmetic mean based on mean salary for each grade for General Schedule positions and actual salary for those not reported by grades. Employees for whom neither grades nor salaries were reported are included in employment totals but excluded from computation of averages. The General Schedule is a compensation scale for Federal employees set up by the Classification Act of 1949, as amended, which established a system of grades 1 to 18 for grouping of positions, based on relative difficulty of duties and responsibilities.]

OCCUPATIONAL GROUPS	ALL POSITIONS			PROFESSIONAL			NONPROFESSIONAL		
	Number	Average grade	Average salary	Number	Average grade	Average salary	Number	Average grade	Average salary
All groups.....	1,494,014	6	\$6,042	223,825	11	\$8,591	1,270,189	5	\$5,591
General administrative, clerical, and office services.....	766,641	4	5,266				766,641	4	5,266
Engineering.....	301,626	11	8,138	60,978	12	9,455	40,648	7	6,183
Accounting and budget.....	101,052	6	6,354	28,309	11	8,707	72,743	5	5,438
Medical, hospital, dental, and public health.....	85,316	4	5,049	39,084	7	7,109	45,632	3	4,378
Supply.....	72,679	5	5,493				72,679	5	5,493
Business and industry.....	38,978	9	7,863				38,978	9	7,863
Legal and kindred.....	34,460	8	7,672	11,759	12	10,449	22,701	7	5,924
Biological sciences.....	34,286	7	6,751	21,636	9	7,842	12,650	5	4,886
Investigation.....	31,470	10	8,056				31,470	10	8,056
Physical sciences.....	29,426	9	8,080	20,144	11	9,196	9,282	7	5,662
Transportation.....	28,798	9	6,966				28,798	9	6,966
Personnel administration and industrial relations.....	26,932	7	6,798	8	9	7,228	26,924	7	6,797
Education.....	18,735	9	6,523	14,570	9	6,659	4,165	7	6,049
Social science, psychology, and welfare.....	17,377	11	9,197	12,633	12	9,757	4,744	9	7,708
Mathematics and statistics.....	15,463	5	6,045	4,721	11	8,751	10,742	4	4,856
Mechanics.....	14,787	9	7,721				14,787	9	7,721
Commodity quality control, inspection and grading.....	12,035	9	7,176				12,035	9	7,176
Fine and applied arts.....	6,847	8	6,842	1,278	12	9,153	5,569	7	6,314
Library and archives.....	5,767	7	6,200	3,562	9	7,162	2,175	4	4,614
Veterinary science.....	2,027	11	8,192	2,027	11	8,192			
Copyright, patent, and trademark.....	1,539	12	9,627	1,539	12	9,627			
Trades, crafts, and labor.....	10	3	3,854				10	3	3,854
Miscellaneous occupations.....	48,354	5	5,813	947	11	9,883	47,407	5	5,731

Source: Civil Service Commission.

### No. 540. WORK INJURIES AND COMPENSATION OF CIVILIAN EMPLOYEES IN THE FEDERAL GOVERNMENT: 1947 TO 1961

[For years ending June 30; includes all employees covered under Federal Employees' Compensation Act. Includes employees in Alaska, Hawaii, and abroad, and reservists of the Armed Forces except as noted.]

ITEM	1947-1949, average	1950	1955	1957	1958	1959	1960	1961
Injury cases reported.....	84,690	81,163	89,321	98,094	97,792	101,528	105,065	104,673
Index (1947-1949=100).....	100	96	105	116	115	120	124	124
Nonfatal.....	83,599	79,067	87,743	96,978	97,336	101,140	104,690	104,295
Fatal.....	1,091	1,256	1,578	1,116	456	388	375	378
Employment coverage <sup>1</sup> .....	1,000	2,100	2,067	2,393	2,434	2,389	2,394	2,413
Casualty rates:								
Frequency per million man-hours <sup>2</sup> .....	8.67	8.35	7.71	8.00	8.26	8.10	8.52	8.40
Severity per million man-hours <sup>2</sup> .....	680	660	590	568	529	591	593	580
Cost per \$100 payroll.....	\$0.17	\$0.31	\$0.27	\$0.27	\$0.24	\$0.23	\$0.24	\$0.26
Cost per employee.....	\$4.63	\$10.00	\$10.34	\$12.00	\$11.38	\$11.73	\$12.39	\$14.00
Average evaluation per fatal case <sup>1</sup> .....	\$11,210	\$31,166	\$38,068	\$50,617	\$45,222	\$50,798	\$54,269	\$57,931
Average evaluation per nonfatal disabling injury <sup>1</sup> .....	\$158	\$370	\$483	\$491	\$478	\$498	\$485	\$488
Average days lost per nonfatal disabling injury <sup>1</sup> .....	27	41	47	45	41	40	37	36
Disbursements.....	\$1,000	14,305	23,370	48,322	56,092	59,590	69,254	62,176

<sup>1</sup> Excludes reservists of the Armed Forces.

<sup>2</sup> Frequency refers to number of disabling injuries; severity refers to number of days disabled or charged. Excludes reservist casualties.

Source: Department of Labor, Bureau of Employees' Compensation; *Annual Report of the Secretary of Labor*.

## Section 15

### State and Local Government Finances and Employment

Nationwide statistics relating to State and local governments, their numbers, finances, and employment, are compiled primarily by the Bureau of the Census. That Bureau conducts a periodic Census of Governments involving collection of data for all governmental units in the United States. The 1957 Census of Governments is the most recent one for which data are available; results from the 1962 Census will be issued beginning late in 1962. The Bureau of the Census also 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 as well as nationwide totals for States and local governments, by type, and State-local data by States; and series of publications on State finances, city finances, and public employment. A descriptive leaflet, *Bureau of the Census Publications on Governments*, is issued annually.

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 some of the largest local governments are compiled from their official records and reports by Census Bureau personnel, and classified into uniform categories for statistical reporting.

Statistics regarding particular functions in which State and local governments have an important role are presented in other sections (for example, the sections on Education, Roads and Motor Vehicles, and Social Insurance and Welfare Services).

**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 542, more than 100,000 local governments existed at the time of the 1957 Census of Governments. Since then, however, the number of school districts has been reduced considerably, continuing a historical trend. The figures shown for 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—lack this power but are financed from rentals, charges for services, benefit assessments, grants from other governments, and other nontax sources. The count of governments excludes semiautonomous 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 in this section relate to the fiscal years of the respective governments. Federal and State government figures are for fiscal years ending on June 30, except for a few States with other closing dates within the calendar year named. Local government figures are for fiscal years ending in the calendar year specified, except for a few units which close their fiscal years in the succeeding January. Most school districts have fiscal years ending on June 30, but a majority of other local governments operate on a fiscal year ending December 31.

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 of individual governments. Accordingly,

financial statistics which appear here for individual States and large cities, although based upon the official records and reports of these governments, will not agree directly with figures appearing in such original sources except where particular segments of the official accounts conform explicitly to standard reporting categories.

The framework for these statistics on governmental finances makes a basic distinction between general government, utilities and liquor stores, and insurance trust activities. These are distinguished as to revenue according to the nature of the source involved and as to expenditure according to the purpose of the spending.

The general government sector comprises all activities other than those classified as utility or insurance trust in nature. The utility sector includes only water supply, electric light and power, gas supply, and transit systems operated by local governments, and liquor stores operated by 16 States and by a few local governments. Insurance trust figures relate to employee retirement, unemployment compensation, and other social insurance systems administered by State and local governments.

Revenue and expenditure reported for each of these sectors and in total, in the basic framework of these statistics, represent only external transactions, and exclude transfers among agencies and funds of the government concerned. Certain internal transactions are shown separately, however, in related tables.

**Employment and payrolls.**—Public employment and payroll data are primarily from Census Bureau reports based on mail canvassing of State and local governments. Payroll amounts include all salaries, wages, and individual fee payments for the month specified, and employment numbers relate to all persons on governmental payrolls during a pay period of the month covered—including paid officials, temporary help, and (except where otherwise specified) part-time as well as full-time personnel. As in the case of financial data, figures shown for individual governments, such as States, cover major dependent agencies such as institutions of higher education, as well as the ordinary central departments and agencies of the government.

**Alaska and Hawaii.**—For a general statement concerning the treatment of data for Alaska and Hawaii, see preface. "Conterminous area" refers to the United States excluding Alaska, Hawaii, and outlying areas.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics, Colonial Times to 1957*, series Y 386-391") provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

#### No. 541. COUNTY, MUNICIPAL, AND TOWNSHIP GOVERNMENTS, 1957, AND THEIR POPULATION, 1950, BY POPULATION SIZE-GROUP

[Number of governments as of January 1957; population as of April 1950. Excludes Alaska and Hawaii. Township governments include "towns" in the 6 New England States, New York, and Wisconsin.]

POPULATION SIZE-GROUP	COUNTIES			MUNICIPALITIES			TOWNSHIPS		
	Number, 1957	Population, 1950		Number, 1957	Population, 1950		Number, 1957	Population, 1950	
		Number (1,000)	Percent		Number (1,000)	Percent		Number (1,000)	Percent
<b>Total.....</b>	1,3,047	133,360	100.0	17,183	96,730	100.0	17,198	31,257	100.0
250,000 or more.....	77	46,587	34.9	106	44,312	46.0	36	3,569	11.4
100,000 to 249,999.....	147	22,685	17.0	128	9,055	9.4	4796	15.8	
50,000 to 99,999.....	251	17,627	13.2	252	8,811	9.1	100	3,415	10.9
25,000 to 49,999.....	639	22,392	16.8	701	11,630	12.0	327	4,796	15.8
10,000 to 24,999.....	1,171	19,403	14.6	1,102	7,629	7.9	633	4,400	14.1
5,000 to 9,999.....	508	3,869	2.9	1,572	5,560	5.7	1,223	4,234	13.6
2,500 to 4,999.....				3,455	5,449	5.6	3,870	5,946	19.0
1,000 to 2,499.....	254	798	0.6	9,807	4,284	4.4	11,000	4,891	15.6
Less than 1,000.....									

<sup>1</sup> Excludes areas corresponding to counties but having no organized county government.

<sup>2</sup> Includes population of municipalities incorporated since April 1, 1950, classified on the basis of special censuses or, in the absence of a special census, on the basis of estimated population.

Source: Department of Commerce, Bureau of the Census; 1957 Census of Governments, *Governments in the United States*.

**No. 542. GOVERNMENTAL UNITS, BY TYPE OF GOVERNMENT, BY STATES AND FOR PUERTO RICO: 1957**

[Limited to governments actually in existence. Excludes, therefore, a few counties and numerous townships and "incorporated places" which exist as areas for which statistics can be presented as to population and other subjects, but which lack any separate organized county, township, or municipal government.]

STATE OR OTHER AREA	All governmental units <sup>1</sup>	LOCAL GOVERNMENTS EXCEPT SCHOOL DISTRICTS					School districts	Other public school systems <sup>3</sup>
		Total	County	Municipality	Township <sup>2</sup>	Special district		
<b>United States</b> .....	102,392	51,887	43,050	17,215	17,198	14,424	50,454	2,489
Alabama.....	617	504	67	318	-----	119	112	-----
Alaska.....	42	33	-----	31	-----	2	8	21
Arizona.....	367	116	14	52	-----	50	250	3
Arkansas.....	1,127	703	75	374	-----	254	423	-----
California.....	3,879	2,038	487	331	-----	1,650	1,840	-----
Colorado.....	1,666	729	462	246	-----	421	936	-----
Connecticut.....	384	380	8	33	152	187	3	167
Delaware.....	132	116	3	49	-----	64	15	2
District of Columbia.....	2	2	-----	1	-----	1	-----	1
Florida.....	672	604	67	310	-----	227	67	-----
Georgia.....	1,121	922	150	508	-----	255	198	-----
Hawaii.....	22	21	43	1	-----	17	-----	1
Idaho.....	843	674	444	190	-----	431	168	-----
Illinois.....	6,510	4,516	102	1,181	1,433	1,800	1,933	-----
Indiana.....	2,989	1,953	92	544	1,009	313	1,090	-----
Iowa.....	4,906	1,240	99	942	-----	199	3,665	-----
Kansas.....	6,214	3,673	105	610	1,550	808	3,140	-----
Kentucky.....	822	600	120	323	-----	157	221	-----
Louisiana.....	584	316	462	237	-----	217	67	-----
Maine.....	645	636	10	42	471	107	8	476
Maryland.....	328	327	423	140	-----	155	-----	24
Massachusetts.....	573	568	412	30	312	205	4	349
Michigan.....	5,160	1,945	83	498	1,262	102	3,214	-----
Minnesota.....	6,298	2,833	87	826	1,828	92	3,464	15
Mississippi.....	672	502	82	262	-----	248	79	82
Missouri.....	5,307	2,072	4114	803	328	827	3,234	-----
Montana.....	1,503	353	456	123	-----	174	1,149	-----
Nebraska.....	6,658	1,715	93	534	478	610	4,042	-----
Nevada.....	110	92	17	17	-----	58	17	-----
New Hampshire.....	545	324	10	12	222	80	220	9
New Jersey.....	1,217	727	21	333	233	140	489	74
New Mexico.....	317	221	32	77	-----	112	95	-----
New York.....	4,189	2,524	457	611	932	924	1,604	6
North Carolina.....	624	623	100	412	-----	111	-----	173
North Dakota.....	3,968	1,969	53	356	1,392	168	1,998	-----
Ohio.....	3,667	2,498	88	915	1,335	160	1,168	-----
Oklahoma.....	2,332	688	77	506	-----	105	1,643	-----
Oregon.....	1,526	799	36	213	-----	550	726	-----
Pennsylvania.....	5,073	2,655	466	991	1,564	34	2,417	441
Rhode Island.....	91	90	-----	7	32	51	-----	39
South Carolina.....	503	395	46	235	2	112	107	-----
South Dakota.....	4,808	1,519	464	306	1,080	69	3,288	-----
Tennessee.....	560	545	95	255	-----	195	14	137
Texas.....	3,485	1,692	254	793	-----	645	1,792	7
Utah.....	398	357	29	210	-----	118	40	-----
Vermont.....	409	392	14	68	238	72	16	242
Virginia.....	367	366	498	228	-----	40	-----	130
Washington.....	1,577	1,105	39	252	60	745	471	-----
West Virginia.....	362	306	55	219	-----	32	55	-----
Wisconsin.....	5,731	1,972	71	547	1,276	78	3,758	90
Wyoming.....	489	242	423	86	-----	133	246	-----
Puerto Rico.....	97	96	-----	75	-----	21	-----	1

<sup>1</sup> Includes units not shown separately by type for Federal Government, each State government (including Alaska and Hawaii), and the Commonwealth of Puerto Rico.

<sup>2</sup> Includes towns in the 6 New England States, New York, and Wisconsin.

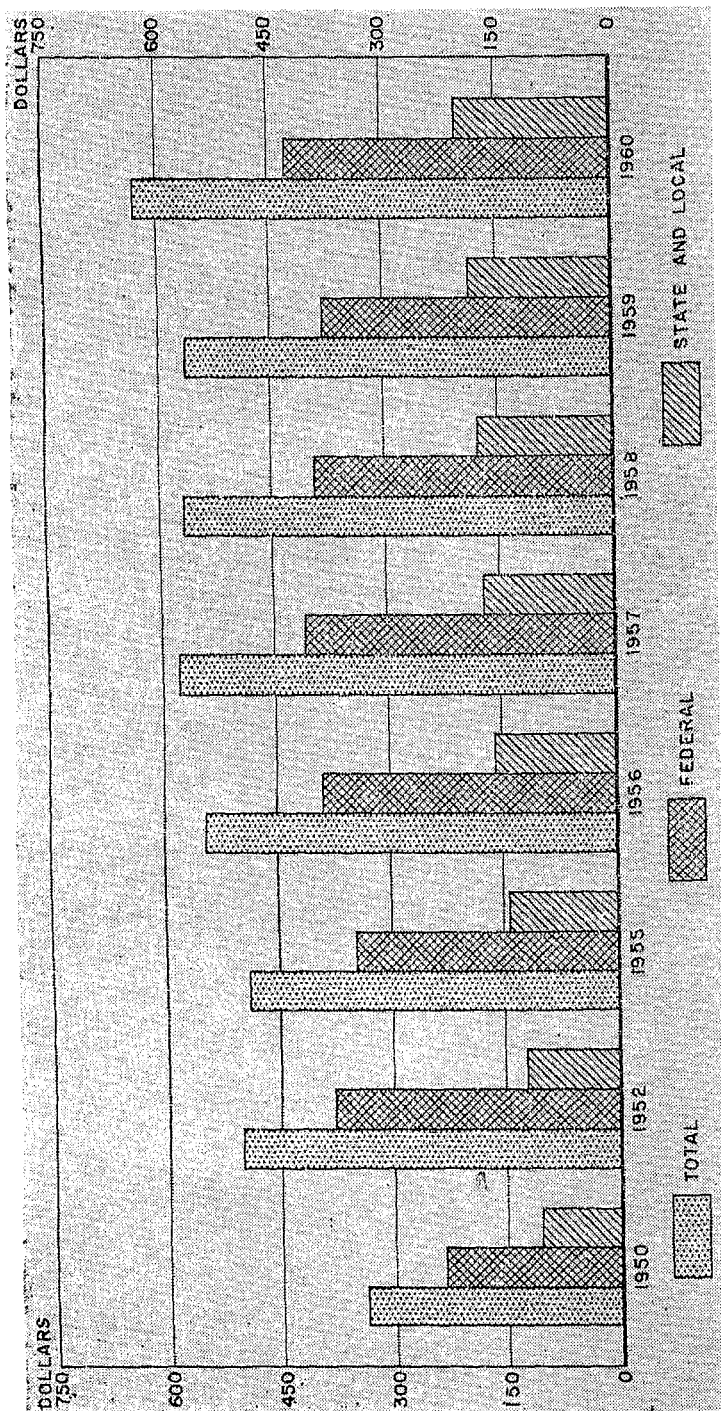
<sup>3</sup> Comprises other local public school systems operated as part of State, county, municipal, or township governments and excluded from independent school-district figure and from "All governmental units."

<sup>4</sup> Excludes areas corresponding to counties but having no organized county government.

Source: Department of Commerce, Bureau of the Census; 1957 Census of Governments, *Governments in the United States*.

FIG. XXIV. GOVERNMENTAL PER CAPITA TAX REVENUE, BY LEVEL OF GOVERNMENT: 1950 TO 1960

[See table 543]



Source: Department of Commerce, Bureau of the Census.



No. 543. GOVERNMENTAL TAX REVENUE, BY SOURCE, BY LEVEL OF GOVERNMENT:  
1942 TO 1960

[In millions of dollars, except per capita. Beginning 1959, includes Alaska, and 1960, Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series Y 386-391, Y 448-458, Y 522-527, Y 581-592, and Y 654-659]

YEAR AND SOURCE	Total	Federal	STATE AND LOCAL			PER CAPITA (dollars)		
			Total	State	Local	Total	Federal	State and local
<b>Total:<sup>1</sup></b>								
1942.....	20,793	12,265	8,528	3,903	4,625	154.18	90.94	63.24
1950.....	51,100	35,186	15,914	7,930	7,984	336.90	231.98	104.92
1952.....	79,066	59,744	19,323	9,557	9,466	503.49	380.45	123.06
1955.....	81,072	57,589	23,483	11,697	11,886	490.54	348.45	142.09
1957.....	98,632	69,815	28,817	14,531	14,286	579.19	400.97	169.22
1958.....	98,387	68,007	30,380	14,919	15,461	567.86	392.51	175.34
1959.....	99,636	67,257	32,379	15,848	16,531	564.94	381.35	183.59
1960.....	113,120	77,003	36,117	18,030	18,081	628.52	427.85	200.68
<b>Individual income:</b>								
1942.....	3,481	3,205	276	249	27	25.81	23.77	2.05
1950.....	16,533	15,745	788	724	64	109.00	103.81	5.20
1952.....	28,919	27,921	998	913	85	184.16	177.80	6.36
1955.....	29,984	28,747	1,237	1,094	143	181.42	173.94	7.48
1957.....	37,374	35,620	1,754	1,563	<sup>2</sup> 191	219.47	209.17	10.30
1958.....	36,483	34,724	1,759	1,544	<sup>2</sup> 215	210.57	200.42	10.15
1959.....	38,713	36,719	1,994	1,764	<sup>2</sup> 230	219.51	208.20	11.31
1960.....	43,178	40,715	2,463	2,209	254	239.91	226.22	13.69
<b>Corporation income:<sup>1</sup></b>								
1942.....	4,999	4,727	272	269	3	37.07	35.05	2.02
1950.....	11,081	10,488	593	586	7	73.06	69.15	3.91
1952.....	22,072	21,226	846	838	8	140.55	135.17	5.39
1955.....	18,604	17,861	744	737	7	112.67	108.07	4.60
1957.....	22,151	21,167	984	984	( <sup>2</sup> )	130.08	124.30	5.78
1958.....	21,092	20,074	1,018	1,018	( <sup>2</sup> )	121.74	115.86	5.88
1959.....	18,310	17,309	1,001	1,001	( <sup>2</sup> )	103.82	98.14	5.68
1960.....	22,674	21,497	1,180	1,180	( <sup>2</sup> )	125.98	119.43	6.56
<b>Sales, gross receipts, and customs:</b>								
1942.....	5,776	3,425	2,351	2,218	133	42.83	25.40	17.43
1950.....	12,907	7,843	5,154	4,670	484	85.69	51.71	33.98
1952.....	15,689	9,332	6,357	5,730	627	99.91	50.43	49.48
1955.....	17,221	9,578	7,643	6,864	779	104.20	57.95	46.25
1957.....	20,594	11,127	9,467	8,436	1,031	120.93	65.34	55.59
1958.....	21,102	11,273	9,829	8,750	1,079	121.79	65.06	56.73
1959.....	21,769	11,332	10,437	9,287	1,150	123.43	64.25	59.18
1960.....	24,452	12,603	11,849	10,510	1,339	135.86	70.03	65.84
<b>Property:</b>								
1942.....	4,537	-----	4,537	264	4,273	33.61	-----	33.64
1950.....	7,349	-----	7,349	807	7,042	48.45	-----	48.45
1952.....	8,652	-----	8,652	370	8,282	55.10	-----	55.10
1955.....	10,735	-----	10,735	412	10,323	64.95	-----	64.95
1957.....	12,864	-----	12,864	479	12,385	75.54	-----	75.54
1958.....	14,047	-----	14,047	533	13,514	81.07	-----	81.07
1959.....	14,983	-----	14,983	566	14,417	84.95	-----	84.95
1960.....	16,405	-----	16,405	607	15,798	91.15	-----	91.15
<b>Other taxes, including licenses:</b>								
1942.....	2,000	908	1,092	903	189	14.83	6.73	8.10
1950.....	3,140	1,110	2,030	1,643	387	20.70	7.32	13.38
1952.....	3,735	1,264	2,471	2,006	465	23.78	8.05	15.74
1955.....	4,527	1,402	3,125	2,400	634	27.39	8.48	18.91
1957.....	5,650	1,902	3,748	3,069	679	33.17	11.17	22.00
1958.....	5,661	1,936	3,725	3,073	652	32.68	11.17	21.50
1959.....	5,802	1,896	3,906	3,232	734	33.24	10.75	22.49
1960.....	6,411	2,191	4,220	3,528	692	35.63	12.17	23.45

<sup>1</sup> Federal amounts include excess profits tax, normal tax, and surtax, and, for 1942, unjust enrichment tax.

<sup>2</sup> Corporation included with individual income tax collections.

Source: Department of Commerce, Bureau of the Census; *Historical Summary of Governmental Finances in the United States* and annual reports, *Governmental Finances in 1958*, in 1959, and in 1960.

# No. 544. GOVERNMENTAL REVENUE, BY SOURCE, AND EXPENDITURE, BY TYPE AND BY CHARACTER AND OBJECT, BY LEVEL OF GOVERNMENT: 1960

[Includes Alaska and Hawaii. Local government amounts represent estimates subject to sampling variation; see source. See also *Historical Statistics, Colonial Times to 1967*, series Y 884-714]

ITEM	AMOUNT (\$1,000,000)					PER CAPITA <sup>1</sup> (dol.)		
	All govern- ments	Federal Government	State and local governments			Total	Federal Government	State and local govern- ments
			Total	State	Local			
<b>Total revenue</b> .....	<b>2 154,041</b>	<b>100,739</b>	<b>260,277</b>	<b>32,838</b>	<b>237,163</b>	<b>2855.89</b>	<b>559.73</b>	<b>2 334.92</b>
Intergovernmental revenue.....	(2)	-----	6,974	6,745	8,953	(2)	-----	38.75
Revenue from own sources.....	154,041	100,739	53,302	26,093	27,209	855.89	559.73	296.16
General revenue from own sources.....	151,557	88,027	43,530	20,618	22,912	730.97	489.10	241.86
Taxes.....	113,120	77,003	36,117	18,036	18,081	628.52	427.85	200.68
Property.....	16,405	-----	16,405	607	15,798	91.15	-----	91.15
Individual income.....	43,178	40,715	2,463	2,209	254	239.91	226.22	13.69
Corporation income.....	22,674	21,494	1,180	1,180	(3)	125.98	119.43	6.56
Sales and gross receipts.....	24,452	12,603	11,849	10,510	1,339	135.86	70.03	65.84
Customs duties.....	1,105	1,105	-----	-----	-----	6.14	6.14	-----
General sales and gross receipts.....	5,177	-----	5,177	4,302	875	28.76	-----	28.70
Selective sales and gross receipts.....	18,170	11,498	6,672	6,208	464	100.06	63.80	37.07
Motor fuel.....	5,352	1,984	3,368	3,335	33	29.74	11.02	18.71
Alcoholic beverages.....	3,779	3,106	673	650	23	21.00	17.26	3.74
Tobacco products.....	2,915	1,027	988	923	65	16.26	10.71	5.49
Public utilities.....	1,627	894	633	365	268	0.04	5.52	3.52
Other.....	4,498	3,487	1,011	935	76	24.99	19.37	5.62
Motor vehicle and operators licenses.....	1,700	-----	1,700	1,573	127	9.45	-----	9.45
Death and gift.....	2,026	1,606	420	420	(4)	11.26	8.92	2.33
All other.....	2,685	585	2,100	1,635	465	14.92	3.25	11.67
<b>Charges and misc. general revenue</b> .....	<b>18,438</b>	<b>11,024</b>	<b>7,414</b>	<b>2,583</b>	<b>4,831</b>	<b>102.45</b>	<b>61.25</b>	<b>41.19</b>
Current charges.....	13,399	8,071	5,319	1,783	3,536	74.40	44.84	29.55
National defense and international relations.....	761	761	-----	-----	-----	4.23	4.23	-----
Postal service.....	3,260	3,260	-----	-----	-----	18.11	18.11	-----
Education.....	1,802	6	1,796	850	946	10.01	.03	9.98
School lunch sales.....	688	-----	688	688	-----	3.82	-----	3.82
Other.....	1,114	6	1,108	850	258	6.19	.03	6.16
Highways.....	569	1	568	382	186	3.16	.01	3.16
Natural resources.....	3,510	3,331	179	192	77	19.60	18.51	.90
Hospitals.....	911	28	883	233	650	5.06	.16	4.91
Sewers and sewage disposal.....	318	-----	318	-----	318	1.77	-----	1.77
Other sanitation.....	104	-----	104	-----	104	.68	-----	.68
Local parks and recreation.....	105	-----	105	-----	105	.68	-----	.68
Housing.....	534	195	339	3	336	2.97	1.08	1.88
Air transportation.....	150	3	147	7	140	.83	.02	.82
Water transportation and terminals.....	247	104	143	39	104	1.37	.58	.79
Other.....	1,119	382	737	107	570	6.22	2.12	4.00
Special assessments.....	369	-----	369	-----	369	2.05	-----	2.05
Sale of property.....	289	48	241	27	214	1.61	.27	1.34
Interest earnings.....	1,462	818	644	324	320	8.12	4.55	3.58
Other misc. general revenue.....	2,927	2,087	840	449	391	16.26	11.60	4.67
Utility revenue.....	3,613	-----	3,613	-----	3,613	20.07	-----	20.07
Liquor stores revenue.....	1,264	-----	1,264	1,128	136	7.02	-----	7.02
Insurance trust revenue.....	17,608	12,712	4,896	4,347	549	97.83	70.63	27.20
<b>Total expenditure</b> .....	<b>2 151,288</b>	<b>97,284</b>	<b>260,999</b>	<b>31,596</b>	<b>238,895</b>	<b>2840.60</b>	<b>540.54</b>	<b>2 338.93</b>
Intergovernmental expenditure.....	(2)	6,994	(2)	9,283	209	(2)	38.86	(2)
Direct expenditure.....	151,288	90,289	60,999	22,313	38,686	840.60	501.67	338.93
By type:	-----	-----	-----	-----	-----	-----	-----	-----
General expenditure.....	128,600	76,724	51,876	17,945	33,931	714.54	426.30	288.24
Utility expenditure.....	4,066	-----	4,066	-----	4,066	22.59	-----	22.59
Liquor stores expenditure.....	1,022	-----	1,022	907	115	5.68	-----	5.68
Insurance trust expenditure.....	17,596	13,565	4,031	3,461	570	97.77	75.37	22.40
By character and object:	-----	-----	-----	-----	-----	-----	-----	-----
Current operation.....	81,654	45,336	36,318	9,694	26,624	453.69	251.90	201.79
Capital outlay.....	31,046	10,842	15,104	6,607	8,497	177.50	93.68	83.92
Construction.....	15,832	3,450	12,382	5,609	6,843	87.97	19.34	68.63
Equipment.....	14,375	13,150	1,192	2,966	896	70.89	73.26	6.62
Land and structures.....	1,735	175	1,560	802	758	9.64	.97	8.67
Assistance and subsidies.....	10,462	6,884	3,518	2,015	1,503	57.80	38.25	19.55
Interest on debt.....	9,690	7,062	2,628	636	1,492	53.84	42.57	11.27
Insurance benefits and repayments.....	17,596	13,565	4,031	3,461	570	97.77	75.37	22.40
<b>Expenditure for personal services</b> .....	<b>44,768</b>	<b>20,529</b>	<b>24,445</b>	<b>6,065</b>	<b>18,390</b>	<b>248.74</b>	<b>118.92</b>	<b>155.82</b>

<sup>1</sup> Based on estimated U.S. population (excluding Armed Forces abroad) as of July 1, 1960.

<sup>2</sup> Aggregates exclude duplicative transactions between levels of government; see source.

<sup>3</sup> Minor amount of corporation taxes included in individual income tax figures.

<sup>4</sup> Minor amount of death and gift taxes included in "All other" taxes.

<sup>5</sup> Includes \$7,423 million for military personnel.

Source: Department of Commerce, Bureau of the Census; annual report, *Governmental Finances in 1960*.

## NO. 545. FEDERAL AID TO STATE AND LOCAL GOVERNMENTS: 1956 TO 1962

[In millions of dollars. For years ending June 30. Comprises budget accounts and trust funds]

TYPE OF AID, FUNCTION, AND MAJOR PROGRAM	1956	1957	1958	1959	1960	1961	1962 est.
<b>Federal aid to State and local governments</b>	<b>3,753</b>	<b>4,111</b>	<b>5,072</b>	<b>6,813</b>	<b>7,174</b>	<b>7,283</b>	<b>8,681</b>
<b>Grants-in aid</b>	<b>3,642</b>	<b>3,943</b>	<b>4,831</b>	<b>6,355</b>	<b>6,890</b>	<b>6,972</b>	<b>8,289</b>
National defense: Civil defense assistance	10	9	14	11	5	13	21
International affairs and finance:							
East-West Center, Hawaii						1	9
Agriculture and agricultural resources	389	382	278	322	275	398	578
Removal of surplus commodities and Com-							
modity Credit Corporation contributions	305	271	174	207	140	268	430
Watershed protection and flood prevention	15	13	17	23	33	32	43
Cooperative agricultural extension work	44	50	57	61	61	65	68
Agricultural experiment stations	25	29	30	31	31	32	35
Feed and seed assistance		17					
Other	1	1	1	1	1	1	2
Natural resources	27	27	31	34	36	33	37
Forestry cooperation	11	11	(3)				
Forest protection and utilization			12	12	11	11	15
Fish and wildlife restoration	16	16	10	20	22	21	20
Other		(3)	1	2	3	1	2
Commerce and transportation	746	976	1,562	2,671	3,001	2,680	3,129
Federal-aid highway programs	720	1,955	1,518	2,614	2,942	2,623	3,032
Federal-aid airport program	17	21	43	57	57	65	81
Area redevelopment assistance							15
Other	(3)	(9)	1	1	3	1	1
Housing and community development	116	138	153	214	257	312	428
Low-rent public housing	82	87	95	111	127	140	166
Slum clearance and urban renewal	14	30	35	76	102	141	218
Open space program							8
Federal payment and contributions to D.C.	20	20	20	25	25	28	30
Other	1	2	3	2	2	3	6
Health, labor, and welfare	2,124	2,190	2,537	2,787	2,925	3,123	3,639
Hospital construction	56	73	106	135	144	157	173
Health services and research	49	61	55	79	75	88	106
Maternal and child welfare	34	38	41	43	47	52	69
Admin. of employment security programs	231	248	291	297	317	359	380
Credit to State accounts in unemployment							
trust fund	168	71	33				
Public assistance	1,455	1,556	1,795	1,966	2,059	2,167	2,569
Vocational rehabilitation	35	34	41	45	49	55	64
School lunch and special milk programs	82	98	165	216	232	239	272
Disaster relief	15	10	12	4	1	7	8
Other					1	(2)	
Education	209	205	236	297	363	378	416
Assistance for school construction and opera-							
tion in federally affected areas	170	160	179	198	237	267	280
Vocational education	33	38	39	38	39	40	40
Defense educational activities				44	69	50	65
Other	5	7	18	16	18	21	31
Veterans benefits and services	8	8	8	8	8	9	9
General government	13	10	12	10	21	16	22
Grants to outlying areas	6	6	7	6	7	8	16
Transitional grant to Alaska					10	6	6
Other	7	4	4	4	4	1	1
<b>Shared revenues</b>	<b>82</b>	<b>96</b>	<b>101</b>	<b>101</b>	<b>121</b>	<b>130</b>	<b>123</b>
Agriculture and agricultural resources	(3)	(3)	1				
Natural resources	50	74	78	76	92	98	90
Oregon and California land-grant fund	9	12	10	11	15	16	14
Mineral Leasing Act	24	26	32	33	30	35	38
National forests fund	19	29	27	22	30	36	26
TVA: Payments in lieu of taxes	4	5	5	6	6	6	7
Other	3	2	4	4	5	5	4
General government: Internal revenue collec-							
tions, outlying areas	22	22	22	25	29	31	33
<b>Loans and advances (net of repayments)</b>	<b>29</b>	<b>72</b>	<b>146</b>	<b>357</b>	<b>163</b>	<b>182</b>	<b>269</b>
National defense	(2) (9)	6	(3)	(3) (6)	(3) (9)		
Agriculture and agricultural resources			(3)	(3)	(3)	1	6
Natural resources		(3)	(3)	4	9	17	15
Commerce and transportation					2	8	20
Housing and community development	2	16	30	27	24	43	102
Slum clearance and urban renewal	3	9	20	2	3	5	10
Low-rent public housing	6.2	2	6.5	6.2	3	4	1
Public facilities		1	11	21	13	9	27
District of Columbia: Loans for improvements	2	4	2	3	1	20	57
Other	6.2	1	1	3	4	5	7
Health, labor, and welfare			3	212	2	11	1
Education: College housing	16	48	99	108	122	100	125
General government	11	8	7	5	4	2	(3)

<sup>1</sup> Includes the following expenditures from highway trust fund (in millions): 1957, \$953; 1958, \$1,493; 1959, \$2,589; 1960, \$2,913; 1961, \$2,591; 1962, \$2,996 (est.).

<sup>2</sup> Includes following expenditures from unemployment trust fund (in millions): 1961, \$356; 1962, \$380 (est.).

<sup>3</sup> Less than \$500,000.

<sup>4</sup> Comprises American Samoa, Guam, and the Trust Territory of the Pacific Islands.

<sup>5</sup> Comprises Puerto Rico, Am. Samoa, Guam, Virgin Islands. Also includes Alaska in 1960.

<sup>6</sup> Deduct.

Source: Executive Office of the President, Bureau of the Budget; *Special Analyses of Federal Aid to State and Local Governments*; derived from *Budget of the United States Government*.

## NO. 546. GOVERNMENTAL EXPENDITURE, BY FUNCTION: 1932 TO 1960

[Beginning 1959, includes Alaska, and 1960, Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series Y 412-445]

FUNCTION	1932	1942	1950	1955	1957	1958	1959	1960
AMOUNT (\$1,000,000)								
<b>Total expenditure</b> .....	<b>12,437</b>	<b>45,576</b>	<b>70,334</b>	<b>110,717</b>	<b>125,463</b>	<b>134,931</b>	<b>145,748</b>	<b>151,288</b>
General expenditure.....	11,748	43,483	60,701	97,828	109,765	115,714	124,217	128,600
National defense and international relations.....	721	26,555	18,355	43,472	45,803	46,127	48,380	47,404
Postal service.....	704	878	2,270	2,726	3,034	3,327	3,499	3,730
Education.....	2,325	2,606	9,647	12,710	15,098	16,836	18,119	19,404
Institutions of higher education <sup>1</sup> .....	234	296	1,107	1,468	1,958	2,582	2,920	3,202
Local schools <sup>1</sup> .....	2,042	2,213	5,879	10,186	11,871	13,032	14,034	15,166
Other.....	49	187	2,661	1,056	1,269	1,222	1,165	1,036
Highways.....	1,766	1,765	3,872	6,520	7,031	8,702	9,726	9,565
Public welfare.....	445	1,285	2,064	3,210	3,453	3,777	4,076	4,462
Hospitals.....	462	517	2,050	2,721	3,445	3,849	4,134	4,213
Health.....	121	107	661	707	787	806	1,050	1,031
Police.....	349	444	864	1,358	1,623	1,769	1,880	2,030
Local fire protection.....	210	236	485	604	810	873	914	995
Sanitation.....	223	229	834	1,142	1,443	1,505	1,609	1,724
Natural resources.....	324	2,468	5,005	6,338	7,699	7,477	9,249	8,437
Local parks and recreation.....	147	128	304	509	608	685	729	770
Housing and community redevelopment.....	.....	622	673	611	624	801	838	1,142
Veterans services not elsewhere classified.....	928	481	3,258	3,068	3,224	3,455	3,645	3,689
General control.....	601	828	1,555	2,060	2,405	2,536	2,750	2,859
Interest on general debt.....	1,323	1,691	4,862	5,684	6,003	7,360	6,959	9,332
Other and unallocable.....	1,007	2,562	3,139	4,308	5,174	5,827	6,653	7,773
Utility and liquor stores expenditure.....	518	1,106	2,739	3,886	4,429	4,693	4,901	5,088
Insurance trust expenditure.....	171	986	6,894	9,002	11,269	14,524	16,631	17,506
Old-age and survivors insurance.....	.....	110	726	4,393	6,615	8,043	9,385	10,798
Unemployment compensation.....	.....	386	1,980	1,990	1,633	2,079	3,523	2,639
Employee retirement.....	103	247	629	1,152	1,534	1,773	1,936	2,161
Other.....	68	243	3,559	1,527	1,589	1,728	1,784	1,997
PER CAPITA GENERAL EXPENDITURE (dollars) <sup>2</sup>								
<b>Total</b> .....	<b>94.10</b>	<b>322.43</b>	<b>400.20</b>	<b>591.93</b>	<b>644.57</b>	<b>667.86</b>	<b>704.32</b>	<b>714.54</b>
National defense and international relations.....	5.78	196.91	121.03	263.04	268.97	266.23	274.37	263.72
Postal service.....	6.36	6.51	14.97	16.49	17.82	19.20	19.84	20.72
Education.....	18.62	19.99	63.60	76.90	88.66	97.17	102.74	107.81
Institutions of higher education.....	1.87	2.19	7.30	8.88	11.50	14.90	16.56	17.79
Local schools.....	16.35	16.41	38.76	61.63	69.71	75.22	79.57	84.27
Other.....	.39	1.39	17.54	6.29	7.45	7.05	6.61	5.76
Highways.....	14.15	13.09	25.53	39.45	46.57	50.23	55.15	53.15
Public welfare.....	3.57	9.53	19.54	19.42	20.28	21.80	23.11	24.79
Hospitals.....	3.70	3.53	13.52	16.46	20.23	22.22	23.44	23.41
Health.....	.97	1.46	4.36	4.28	4.62	4.65	5.95	5.73
Police.....	2.80	3.29	5.70	8.22	9.53	10.21	10.66	11.28
Local fire protection.....	1.68	1.75	3.22	4.20	4.76	5.04	5.18	5.53
Sanitation.....	1.79	1.70	5.50	6.91	8.48	8.68	9.12	9.60
Natural resources.....	2.61	18.30	33.06	38.35	45.21	43.15	52.44	46.75
Local parks and recreation.....	1.18	.95	2.00	3.08	3.57	3.95	4.13	4.28
Housing and community redevelopment.....	.....	4.61	3.78	3.70	3.66	4.62	4.75	6.35
Veterans services not elsewhere classified.....	7.43	3.57	21.48	18.50	18.93	19.04	20.67	20.60
General control.....	4.81	6.14	10.25	12.46	14.12	14.04	15.59	15.89
Interest on general debt.....	10.60	11.80	32.06	34.39	38.77	42.48	39.46	51.85
Other and unallocable.....	8.07	18.99	20.69	26.07	30.39	33.63	37.72	43.10

<sup>1</sup> Prior to 1958, amounts for locally administered institutions of higher education are included in "Local schools."

<sup>2</sup> Based on estimated population of United States (conterminous area, except 1959 includes Alaska, and 1960, Alaska and Hawaii) as of July 1, including, for 1942 through 1955, Armed Forces abroad.

Source: Department of Commerce, Bureau of the Census; *Historical Summary of Governmental Finances in the United States*, and annual reports, *Governmental Finances in 1958*, and in 1960.

**No. 547. GOVERNMENTAL GENERAL EXPENDITURE (DIRECT AND INTERGOVERNMENTAL), BY FUNCTION, BY LEVEL OF GOVERNMENT: 1960**

[Includes Alaska and Hawaii. Local government amounts are estimates subject to sampling variations; see source. See also *Historical Statistics, Colonial Times to 1957*, series Y 486-491, 493-494, Y 496-499, Y 505, and Y 508]

ITEM	AMOUNT (\$1,000,000)				PERCENT			
	All government	Federal Government	States	Local governments	All government	Federal Government	States	Local governments
<b>All functions.....</b>	<b>128,600</b>	<b>83,719</b>	<b>27,228</b>	<b>34,140</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Direct.....	128,600	76,724	17,945	33,931	100.0	91.6	65.0	99.4
Intergovernmental.....	(1)	6,994	9,283	209	(1)	8.4	34.1	0.6
National defense and international relations <sup>1</sup> .....	47,464	47,464	-----	-----	36.9	56.7	-----	-----
Postal service <sup>2</sup> .....	3,730	3,730	-----	-----	2.9	4.5	-----	-----
Education.....	19,404	1,634	8,857	15,162	15.1	2.0	32.5	44.4
Direct.....	19,404	685	3,557	15,162	15.1	0.8	13.1	44.4
Intergovernmental.....	(1)	950	5,300	(4)	(1)	1.1	19.5	(4)
Highways.....	9,565	3,043	7,317	3,399	7.4	3.6	26.9	10.0
Direct.....	9,565	137	6,070	3,358	7.4	0.2	22.3	9.8
Intergovernmental.....	(1)	2,905	1,247	41	(1)	3.5	4.6	0.1
Natural resources.....	8,414	7,352	882	347	6.5	8.8	3.2	1.0
Direct.....	8,414	7,225	842	347	6.5	8.6	3.1	1.0
Intergovernmental.....	(1)	127	20	(4)	(1)	0.2	0.1	(4)
Health and hospitals.....	5,245	1,585	2,072	1,971	4.1	1.9	7.6	5.8
Direct.....	5,245	1,450	1,896	1,899	4.1	1.7	7.0	5.6
Intergovernmental.....	(1)	135	176	72	(1)	0.2	0.6	0.2
Public welfare.....	4,462	2,127	3,704	2,214	3.5	2.5	13.6	6.5
Direct.....	4,462	58	2,221	2,183	3.5	0.1	8.2	6.4
Intergovernmental.....	(1)	2,070	1,483	31	(1)	2.5	5.4	0.1
Housing and community redevelopment.....	1,142	510	33	850	0.9	0.6	0.1	2.5
Direct.....	1,142	284	8	850	0.9	0.3	(5)	2.5
Intergovernmental.....	(1)	226	26	(4)	(1)	0.3	0.1	(4)
Air transportation.....	1,237	962	59	316	1.0	1.1	0.2	0.9
Direct.....	1,237	895	26	316	1.0	1.1	0.1	0.9
Intergovernmental.....	(1)	56	24	(2)	(1)	0.1	0.1	-----
Social insurance administration.....	549	561	313	(4)	0.4	0.7	1.1	(4)
Direct.....	549	236	313	(4)	0.4	0.3	1.1	(4)
Intergovernmental.....	(1)	325	-----	-----	(1)	0.4	-----	-----
Interest on general debt <sup>3</sup> .....	9,332	7,662	536	1,134	7.2	9.2	2.0	3.3
Other and combined.....	18,057	7,098	3,482	8,747	14.0	8.5	12.8	25.6
Direct.....	18,057	6,808	2,475	8,682	14.0	8.2	9.1	25.4
Intergovernmental.....	(1)	201	1,007	65	(1)	0.2	3.7	0.2

<sup>1</sup> Aggregates exclude duplicative transactions between levels of government.

<sup>2</sup> Entirely to States except \$642 million paid directly to local government, including \$245 million for education, \$226 million for housing and community redevelopment, \$35 million for airports, \$40 million for waste treatment facilities and \$25 million Federal contribution to the District of Columbia.

<sup>3</sup> Entirely direct expenditure. <sup>4</sup> Minor amounts included in "Other and combined." <sup>5</sup> Less than 0.05 percent.

**No. 548. INDEBTEDNESS AND DEBT TRANSACTIONS OF STATE AND LOCAL GOVERNMENTS: 1960**

[In millions of dollars, except per capita. Includes Alaska and Hawaii]

ITEM	Total governments	State	Local <sup>1</sup>	Per capita <sup>2</sup>
<b>Debt outstanding.....</b>	<b>69,955</b>	<b>18,543</b>	<b>51,412</b>	<b>\$388.69</b>
Long-term.....	66,801	18,128	48,673	371.16
Full faith and credit.....	41,650	8,912	32,738	231.42
Nonguaranteed.....	25,151	9,216	15,935	139.75
Short-term.....	3,154	415	2,739	17.52
Net long-term debt outstanding.....	61,596	15,595	46,001	342.24
Long-term debt issued.....	7,955	2,282	5,673	44.20
General.....	6,957	2,282	4,675	38.65
Utility.....	998	-----	998	5.55
Long-term debt retired.....	3,458	778	2,680	19.21
General.....	3,052	778	2,274	16.96
Utility.....	406	-----	406	2.26

<sup>1</sup> Local government amounts represent estimates subject to sampling variation; see source.

<sup>2</sup> Based on estimated population of U.S., excluding Armed Forces abroad, as of July 1, 1960.

Source of tables 547 and 548: Department of Commerce, Bureau of the Census; annual report, *Governmental Finances in 1960*.

# No. 549. GOVERNMENTAL EXPENDITURE FOR CAPITAL OUTLAY, BY FUNCTION, BY LEVEL OF GOVERNMENT: 1960

[In millions of dollars. Includes Alaska and Hawaii. Local government amounts represent estimates subject to sampling variation; see source]

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
All functions.....	31,946	16,842	15,104	6,607	8,497	15,832	3,480	12,352	5,509	6,843
National defense and international relations.....	14,787	14,787				1,866	1,866			
Other.....	17,159	2,055	15,104	6,607	8,497	13,966	1,614	12,352	5,509	6,843
Education.....	3,698	13	3,685	788	2,897	3,050	12	3,038	620	2,418
Institutions of higher education.....	759	(1)	759	675	84	503	(1)	593	524	69
Local schools.....	2,903		2,903	89	2,814	2,427		2,427	83	2,344
Other.....	37	13	24	24		31	12	19	19	
Highways.....	6,428	88	6,340	5,008	1,332	5,431	87	5,344	4,243	1,101
Natural resources.....	1,182	930	246	118	128	908	822	176	66	110
Health and hospitals.....	476	71	405	100	215	400	57	343	163	180
Sewers and sewage disposal.....	767		767		767	749		749		749
Local parks and recreation.....	235		235		235	183		183		183
Housing and community redevelopment.....	614	57	557	2	555	266		266	2	264
Air transportation.....	532	289	243	19	224	385	166	219	17	202
Water transportation and terminals.....	410	274	136	44	92	361	244	117	35	82
Local utilities.....	1,407		1,407		1,407	1,198		1,198		1,198
Water supply systems.....	843		843		843	713		713		713
Electric power systems.....	443		443		443	393		393		393
Transit systems.....	94		94		94	67		67		67
Gas supply systems.....	27		27		27	26		26		26
All other.....	1,410	327	1,083	438	645	947	226	721	358	363

<sup>1</sup> Federal institutions included in "Other" education, except service academies which are in "National Defense."

Source: Department of Commerce, Bureau of the Census; annual report, *Governmental Finances in 1960*.

# No. 550. GOVERNMENTAL DEBT OUTSTANDING, BY LEVEL OF GOVERNMENT: 1940 to 1960

[Data are as of end of governmental fiscal years ending during calendar years shown. Beginning 1959, includes Alaska, and 1960, Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series Y 410, Y 480, Y 545, Y 612, and Y 681]

YEAR	AMOUNT (millions of dollars)					PER CAPITA <sup>2</sup> (dollars)				
	All governments	Federal <sup>1</sup>	State and local			All governments	Federal	State and local		
			Total	State	Local			Total	State	Local
1940.....	63,251	42,968	20,283	3,590	16,693	479	325	154	27	126
1950.....	281,472	257,357	24,115	5,285	18,830	1,856	1,697	159	35	124
1955.....	318,641	274,374	44,267	11,198	33,069	1,930	1,662	208	68	200
1957.....	323,566	270,527	53,039	13,738	39,301	1,900	1,588	311	81	231
1958.....	334,530	276,343	58,187	15,394	42,793	1,931	1,595	330	80	247
1959.....	348,816	284,706	64,110	16,930	47,180	1,978	1,614	364	96	268
1960.....	356,286	286,331	69,955	18,543	51,412	1,980	1,591	389	103	286

<sup>1</sup> "Public debt" of the U.S. Government; excludes guaranteed obligations issued by the Federal Housing Administration and nonguaranteed debt of Federal agencies.

<sup>2</sup> Based on estimated U.S. population (conterminous area, except 1959 includes Alaska, and 1960, Alaska and Hawaii) as of July 1, including Armed Forces abroad through 1955; excluding Armed Forces abroad thereafter.

Source: Department of Commerce, Bureau of the Census; *Historical Summary of Governmental Finances in the United States*, and annual reports, *Governmental Finances in 1958*, in 1959, and in 1960.

## No. 551. SUMMARY OF STATE AND LOCAL GOVERNMENT FINANCES: 1942 TO 1960

[In millions of dollars. Beginning 1959, includes Alaska, and 1960, Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series Y 517-574]

ITEM	1942	1950	1955	1957	1958	1959	1960
<b>Revenue</b>	<b>12, 148</b>	<b>25, 639</b>	<b>37, 619</b>	<b>45, 929</b>	<b>49, 262</b>	<b>53, 972</b>	<b>60, 277</b>
From Federal Government	858	2, 486	3, 131	3, 843	4, 865	6, 377	6, 074
Public welfare	369	1, 107	1, 432	1, 557	1, 799	1, 973	2, 070
Highways	169	438	596	944	1, 500	2, 575	2, 905
Education	137	345	512	604	674	826	950
Employment security administration	57	168	200	245	282	298	325
Other and unallocable	125	1428	382	493	610	705	724
From State and local sources	12, 290	23, 153	34, 489	42, 085	44, 397	47, 596	53, 302
General, net of intergovernmental	9, 560	18, 425	27, 942	34, 320	36, 354	38, 920	43, 530
Taxes	8, 528	15, 914	23, 483	28, 817	30, 380	32, 379	36, 117
Property	4, 537	7, 349	10, 735	12, 864	14, 047	14, 983	16, 405
Sales and gross receipts	2, 351	5, 154	7, 643	9, 467	9, 829	10, 437	11, 849
Individual income	276	788	1, 237	1, 754	1, 750	1, 994	2, 463
Corporation net income	272	593	744	984	1, 018	1, 001	1, 180
Licenses and other	1, 092	2, 030	3, 125	3, 748	3, 725	3, 966	4, 220
Charges and miscellaneous	1, 031	2, 511	4, 469	5, 503	5, 974	6, 550	7, 414
Utility and liquor stores revenue	1, 277	2, 712	3, 688	4, 127	4, 211	4, 536	4, 877
Water supply system	430	705	1, 092	1, 235	1, 256	1, 388	1, 529
Electric power system	251	574	870	1, 011	1, 096	1, 178	1, 307
Transit system	170	468	544	541	516	565	581
Gas supply system	27	61	104	157	173	190	196
Liquor stores	390	904	1, 079	1, 183	1, 216	1, 216	1, 264
Insurance trust revenue	1, 454	2, 016	2, 858	3, 638	3, 832	4, 131	4, 896
Employee retirement	195	606	1, 180	1, 486	1, 688	1, 871	2, 099
Unemployment compensation	1, 142	1, 180	1, 320	1, 725	1, 717	1, 833	2, 323
Other	117	229	349	427	426	428	472
<b>Direct expenditure</b>	<b>10, 914</b>	<b>27, 905</b>	<b>40, 375</b>	<b>47, 553</b>	<b>53, 712</b>	<b>58, 572</b>	<b>60, 999</b>
By function:							
General expenditure	9, 190	22, 787	33, 724	40, 375	44, 851	48, 887	51, 876
Education	2, 586	7, 177	11, 007	14, 134	15, 919	17, 283	18, 719
Institutions of higher education <sup>1</sup>	286	1, 107	1, 468	1, 958	2, 582	2, 920	3, 202
Local schools <sup>2</sup>	2, 218	5, 879	10, 196	11, 871	13, 082	14, 034	15, 166
Other	77	191	264	305	305	320	351
Highways	1, 490	3, 803	6, 452	7, 916	8, 567	9, 592	9, 428
Public welfare	1, 225	2, 040	3, 168	3, 404	3, 729	4, 010	4, 404
Health	159	364	471	552	546	639	550
Hospitals	432	1, 384	2, 053	2, 648	3, 005	3, 202	3, 235
Police	394	776	1, 229	1, 468	1, 610	1, 710	1, 857
Local fire protection	236	458	694	810	873	914	995
Natural resources	214	670	793	1, 031	1, 121	1, 230	1, 189
Sanitation	229	834	1, 142	1, 443	1, 505	1, 600	1, 727
Housing and community redevelopment	236	452	490	505	601	615	858
Local parks and recreation	128	304	509	608	685	729	770
General control	578	1, 041	1, 452	1, 725	1, 843	2, 003	2, 113
Interest on general debt <sup>3</sup>	565	458	838	1, 106	1, 244	1, 416	1, 670
Other and unallocable	718	2, 096	2, 517	3, 124	3, 601	3, 918	4, 351
Utility and liquor stores expenditure <sup>3</sup>	1, 106	2, 739	3, 886	4, 428	4, 693	4, 901	5, 088
Water supply system	368	840	1, 479	1, 584	1, 624	1, 764	1, 881
Electric power system	216	534	819	1, 102	1, 260	1, 273	1, 244
Transit system	201	570	600	652	686	711	750
Gas supply system	19	52	125	156	150	174	191
Liquor stores	302	734	863	934	973	978	1, 022
Insurance trust expenditure	617	2, 379	2, 764	2, 749	4, 168	4, 784	4, 031
Employee retirement	169	361	722	943	1, 074	1, 144	1, 265
Unemployment compensation	377	1, 849	1, 784	1, 600	2, 757	3, 275	2, 364
Other	71	169	258	307	337	365	402
By character and object:							
Current operation	7, 057	15, 948	23, 186	27, 083	30, 862	33, 369	36, 318
Capital outlay	1, 477	6, 047	10, 706	12, 616	13, 986	15, 351	15, 104
Construction	1, 241	5, 169	9, 048	10, 386	11, 704	12, 723	12, 352
Land and existing structures	230	415	925	2, 230	1, 257	1, 552	1, 600
Equipment		464	733		1, 026	1, 075	1, 192
Assistance and subsidies	1, 056	2, 918	2, 660	2, 828	3, 159	3, 329	3, 518
Interest on debt (general and utility)	706	613	1, 059	1, 376	1, 537	1, 740	2, 028
Insurance benefits and repayments	617	2, 379	2, 764	2, 749	4, 168	4, 784	4, 031
<b>Expenditure for personal services</b>	<b>4, 516</b>	<b>10, 043</b>	<b>15, 559</b>	<b>18, 707</b>	<b>20, 786</b>	<b>22, 528</b>	<b>24, 445</b>
Debt outstanding at end of year	19, 706	24, 115	44, 267	53, 039	58, 187	64, 110	69, 955
Long-term	18, 722	23, 056	42, 272	50, 845	55, 737	61, 127	66, 801
Short-term	984	1, 060	1, 995	2, 195	2, 451	2, 983	3, 154
<b>Net change during year</b>	<b>-670</b>	<b>3, 116</b>	<b>5, 330</b>	<b>4, 171</b>	<b>5, 148</b>	<b>5, 923</b>	<b>8, 845</b>

<sup>1</sup> Includes all local revenue received directly from Federal Government.<sup>2</sup> Prior to 1958, amounts for locally administered institutions of higher education are included in "Local schools."<sup>3</sup> Interest on utility debt included in "utility expenditure." For total expenditure for interest on debt, see

"Interest on debt (general and utility)," below.

Source: Department of Commerce, Bureau of the Census; *Historical Summary of Governmental Finances in the United States*, and annual reports, *Governmental Finances in 1958*, in 1959, and in 1960.

# No. 552. GENERAL REVENUE OF STATE AND LOCAL GOVERNMENTS PER CAPITA AND IN RELATION TO PERSONAL INCOME, BY STATES: 1960

STATE	Total amount (mil. dol.)	PER CAPITA (dollars) <sup>1</sup>							AMOUNT PER \$1,000 OF PERSONAL INCOME DURING CALENDAR YEAR, 1960: <sup>2</sup> (dollars)				
		Total	From Federal Government	From own sources				Total	From Federal Government	General revenue from own sources			
				Taxes			Charges and miscellaneous			Total	Taxes	Charges and miscellaneous	
				All taxes	Property tax	Other							
U.S.-----	50,505	280.62	38.75	200.67	91.15	109.52	41.19	126.26	17.44	108.82	90.29	18.53	
Alabama-----	655	200.00	47.05	117.60	23.16	94.44	35.35	136.80	32.18	104.62	80.44	24.18	
Alaska-----	88	384.21	153.07	160.53	31.58	128.95	70.61	139.27	55.48	83.78	58.19	25.60	
Arizona-----	406	308.12	49.01	208.35	97.04	111.31	50.76	153.25	24.88	128.37	103.62	25.25	
Arkansas-----	365	204.30	49.83	125.67	34.96	90.72	28.86	152.44	37.17	115.27	93.74	21.53	
California-----	5,923	373.67	45.80	278.18	133.38	144.81	49.68	136.32	16.71	119.61	101.48	18.13	
Colorado-----	600	346.64	54.15	231.17	119.00	112.12	61.32	149.40	23.34	126.04	99.63	26.43	
Connecticut-----	708	278.02	25.82	213.03	118.68	94.35	39.21	97.11	9.02	88.10	74.41	13.69	
Delaware-----	128	285.30	34.30	108.66	41.87	156.79	52.34	94.68	11.38	83.30	65.93	17.37	
Dist. of Col.-----	256	336.35	81.36	216.67	77.82	138.85	38.32	111.82	27.05	84.77	72.03	12.74	
Florida-----	1,346	269.28	36.90	183.98	68.30	115.68	48.40	135.48	18.57	116.91	92.56	24.35	
Georgia-----	870	221.85	42.59	141.55	42.77	98.78	37.71	137.99	26.49	111.51	88.05	23.45	
Hawaii-----	225	350.31	68.85	236.76	31.46	205.30	44.70	155.96	30.65	125.31	105.41	19.90	
Idaho-----	194	288.52	59.31	188.97	87.93	101.04	40.24	160.66	33.03	127.72	105.23	22.41	
Illinois-----	2,759	272.83	35.50	206.04	108.60	97.44	31.30	104.41	13.59	90.83	78.85	11.98	
Indiana-----	1,161	248.26	29.66	179.65	95.81	83.84	38.96	113.92	13.61	100.31	82.44	17.88	
Iowa-----	802	290.40	44.91	205.47	108.84	96.63	40.02	144.96	22.42	122.55	102.57	19.98	
Kansas-----	660	303.17	43.85	217.36	123.51	94.31	41.46	146.60	21.20	125.40	105.35	20.05	
Kentucky-----	586	192.39	45.42	118.67	41.91	76.73	28.29	124.67	20.43	95.24	76.90	18.33	
Louisiana-----	1,010	308.72	63.61	188.47	43.64	144.83	56.61	192.47	39.66	152.79	117.50	35.29	
Maine-----	266	262.83	43.84	193.43	105.34	88.09	25.46	138.30	23.07	115.18	101.78	13.40	
Maryland-----	815	261.59	25.55	198.72	83.34	115.34	37.32	109.26	10.67	98.58	83.00	15.59	
Massachusetts-----	1,627	295.49	31.91	233.79	136.75	97.04	29.79	117.30	12.07	104.63	92.81	11.82	
Michigan-----	2,266	288.74	28.38	216.79	105.58	111.21	43.57	124.33	12.22	112.12	93.36	18.76	
Minnesota-----	1,070	312.32	41.86	216.99	117.45	99.53	53.47	152.08	20.38	131.69	105.66	26.04	
Mississippi-----	454	208.17	46.74	129.95	35.83	94.13	31.47	177.47	39.85	137.62	110.79	26.83	
Missouri-----	978	225.86	45.92	152.11	67.93	84.18	27.82	102.73	20.89	81.84	69.19	12.65	
Montana-----	238	351.03	77.78	219.32	125.96	93.36	53.83	173.98	38.52	135.35	108.70	26.68	
Nebraska-----	360	254.24	38.12	173.76	120.16	53.61	42.43	120.31	18.04	102.31	82.23	20.08	
Nevada-----	121	418.75	78.61	273.26	97.57	175.69	71.87	147.25	25.89	121.37	96.09	25.27	
New Hampshire-----	158	259.28	50.08	177.34	111.82	65.68	31.69	125.02	24.15	100.87	85.51	15.28	
New Jersey-----	1,603	262.75	18.97	206.90	134.10	72.80	36.87	98.68	7.12	91.46	77.63	13.83	
New Mexico-----	311	324.43	75.47	174.63	43.42	131.21	74.32	179.65	41.70	137.86	96.71	41.10	
New York-----	6,155	305.75	29.21	287.54	131.81	155.73	48.99	131.15	10.48	120.67	103.11	17.57	
North Carolina-----	910	201.45	33.00	136.91	37.32	99.68	30.64	127.95	21.53	106.42	86.96	19.46	
North Dakota-----	222	350.32	75.55	198.26	105.05	93.22	76.06	201.18	43.39	157.79	113.86	44.02	
Ohio-----	2,545	261.27	32.20	184.73	90.49	94.24	44.35	111.71	13.77	97.94	78.98	18.96	
Oklahoma-----	653	279.90	56.49	177.07	56.54	120.63	46.38	151.44	30.57	120.87	95.80	25.00	
Oregon-----	607	312.36	63.85	224.03	103.67	121.26	53.58	151.56	28.26	123.30	99.58	23.72	
Pennsylvania-----	2,626	231.46	26.83	173.09	60.94	112.17	31.54	102.16	11.84	90.32	76.40	13.92	
Rhode Island-----	220	256.59	37.11	197.55	95.22	102.33	21.94	115.19	16.66	98.53	88.69	9.85	
South Carolina-----	475	198.75	37.92	129.31	28.68	100.69	31.52	142.29	27.15	115.15	92.58	22.57	
South Dakota-----	213	312.32	63.64	198.09	113.20	84.90	50.59	169.59	34.55	135.03	107.56	27.47	
Tennessee-----	792	204.93	42.88	134.51	43.52	90.90	27.54	132.60	27.74	104.85	87.03	17.82	
Texas-----	2,375	246.95	40.31	162.30	78.32	83.98	44.34	128.32	20.95	107.37	84.33	23.04	
Utah-----	275	307.03	71.65	196.87	87.61	109.26	38.50	160.78	37.62	123.32	103.10	20.16	
Vermont-----	124	317.65	67.77	222.51	108.44	114.07	27.11	170.84	36.45	134.25	119.67	14.58	
Virginia-----	815	204.80	32.40	133.89	50.90	82.98	38.49	110.83	17.54	93.28	72.45	20.83	
Washington-----	956	334.09	45.24	228.04	67.59	160.45	60.80	144.20	19.53	124.68	98.43	26.25	
West Virginia-----	404	217.72	45.45	145.02	42.92	102.10	27.25	130.04	27.15	102.89	86.62	16.28	
Wisconsin-----	1,121	282.74	30.20	215.67	113.95	101.69	36.88	130.25	13.91	116.34	99.35	16.99	
Wyoming-----	156	470.48	150.00	235.54	124.40	111.14	84.94	201.55	64.26	137.29	100.90	36.39	

<sup>1</sup> Based on provisional estimates of population as of July 1, 1960, excluding Armed Forces abroad (Bureau of the Census, *Current Population Reports*, Series P-25, No. 230, May 25, 1961).

<sup>2</sup> Based on personal income estimates reported in Department of Commerce, Office of Business Economics, *Survey of Current Business*, August 1961.

Source: Department of Commerce, Bureau of the Census; annual report, *Governmental Finances in 1960*.



No. 553. DIRECT GENERAL EXPENDITURE OF STATE AND LOCAL GOVERNMENTS,  
BY FUNCTION, BY STATES: 1960

STATE	Total amount (mil. dol.)	PER CAPITA (dollars) <sup>1</sup>						PERCENT OF TOTAL				
		Total	Edu- cation	High- ways	Public wel- fare	Health and hos- pitals	All other <sup>2</sup>	Edu- cation	High- ways	Public wel- fare	Health and hos- pitals	All other <sup>2</sup>
U.S. ....	51,876	288.24	104.00	52.38	24.47	21.09	86.30	36.1	18.2	8.5	7.3	29.9
Alabama.....	711	217.17	72.59	51.57	25.05	14.36	53.60	33.4	23.7	11.5	6.6	24.7
Alaska.....	79	345.18	142.98	32.46	19.30	21.49	128.95	41.4	9.4	5.6	6.2	37.4
Arizona.....	497	309.10	135.43	53.95	19.42	12.37	88.09	43.8	17.5	6.3	4.0	28.5
Arkansas.....	354	197.99	71.48	46.64	26.23	13.53	40.09	36.1	23.6	13.2	6.8	20.2
California.....	6,021	379.85	149.51	44.78	35.05	26.31	124.20	39.4	11.8	9.2	6.9	32.7
Colorado.....	605	344.14	140.96	56.03	48.52	21.39	77.30	41.0	16.3	14.1	6.2	22.5
Connecticut.....	794	311.77	112.28	57.03	22.61	21.08	98.82	36.0	18.3	7.3	6.8	31.7
Delaware.....	151	335.63	142.70	62.58	17.59	21.38	91.10	42.5	18.6	5.2	6.4	27.1
Dist. of Col.....	269	353.28	73.10	48.43	27.43	50.92	153.42	20.7	13.7	7.8	14.4	43.4
Florida.....	1,410	283.18	92.26	56.72	17.94	27.04	89.20	32.6	20.0	6.3	9.5	31.5
Georgia.....	878	222.86	76.30	41.48	23.85	21.68	59.03	34.3	18.7	10.7	9.7	26.5
Hawaii.....	237	369.16	107.17	40.10	15.58	30.53	175.39	29.0	11.0	4.2	8.3	47.5
Idaho.....	191	284.35	95.83	76.90	19.37	14.01	78.24	33.7	27.0	6.8	4.9	27.5
Illinois.....	2,899	286.68	103.49	52.92	24.39	19.83	86.03	36.1	18.5	8.5	6.9	30.0
Indiana.....	1,196	255.76	111.85	46.82	13.28	19.07	64.04	43.7	18.3	5.2	7.5	25.3
Iowa.....	611	293.84	108.73	83.85	24.09	20.93	56.25	37.0	28.5	8.2	7.1	19.1
Kansas.....	633	250.54	114.00	73.32	23.97	18.04	61.24	39.2	25.2	8.3	6.2	21.1
Kentucky.....	604	198.16	70.00	54.15	20.53	11.26	42.15	35.3	27.3	10.4	5.7	21.3
Louisiana.....	1,056	322.81	106.48	65.60	49.94	17.40	83.41	33.0	20.3	15.5	5.4	25.8
Maine.....	249	256.06	84.19	68.69	25.26	14.37	63.44	32.9	26.8	9.9	5.6	24.8
Maryland.....	639	269.22	98.72	46.76	11.01	24.01	88.73	36.7	17.4	4.1	8.0	33.0
Massachusetts.....	1,536	297.35	78.09	47.55	34.33	28.55	108.82	26.3	16.0	11.5	9.6	36.6
Michigan.....	2,372	302.22	122.32	52.23	22.35	25.37	79.01	40.5	17.3	7.4	8.4	26.4
Minnesota.....	1,127	328.68	121.95	65.73	28.05	25.74	87.44	37.1	20.0	8.5	7.8	26.6
Mississippi.....	504	230.96	84.95	55.41	24.36	15.23	51.06	36.8	24.0	10.5	6.6	22.1
Missouri.....	1,005	232.12	82.15	41.05	33.13	18.45	57.34	35.4	17.7	14.3	7.9	24.7
Montana.....	227	334.22	116.67	88.79	22.12	19.32	87.32	34.9	26.6	6.6	5.8	26.1
Nebraska.....	380	268.60	102.12	72.67	17.59	19.31	57.07	38.0	26.8	6.7	7.2	21.2
Nevada.....	121	420.83	136.46	83.68	18.06	30.66	152.00	32.4	19.9	4.3	7.3	36.1
New Hampshire.....	168	275.21	86.04	86.37	20.03	17.24	65.52	31.3	31.4	7.3	6.3	23.8
New Jersey.....	1,567	256.86	94.33	33.22	13.95	18.72	96.63	36.7	12.9	5.4	7.3	37.6
New Mexico.....	296	308.87	139.14	58.66	27.14	14.51	69.62	45.0	19.0	8.8	4.7	22.5
New York.....	6,297	374.21	110.80	54.69	26.71	36.11	145.91	29.6	14.6	7.1	9.0	39.0
North Carolina.....	890	195.09	82.45	34.14	16.70	14.95	47.79	42.3	17.5	8.1	7.7	24.5
North Dakota.....	234	368.93	130.60	107.80	23.19	10.88	90.21	35.4	20.2	6.3	2.9	26.1
Ohio.....	2,663	273.43	94.77	56.58	22.57	18.79	80.73	34.7	20.7	8.3	6.9	29.5
Oklahoma.....	658	282.17	105.14	48.52	55.17	14.36	58.94	37.3	17.2	19.6	5.1	20.9
Oregon.....	608	342.92	136.10	70.11	24.50	17.54	94.58	39.7	20.4	7.2	5.1	27.6
Pennsylvania.....	2,912	256.70	95.17	30.43	20.83	14.82	86.46	37.1	15.4	8.1	5.8	33.7
Rhode Island.....	219	255.66	73.51	47.84	28.59	17.97	87.86	28.8	18.7	11.2	7.0	34.4
South Carolina.....	438	153.11	70.07	41.10	13.20	14.88	43.78	38.3	22.4	7.3	8.1	23.9
South Dakota.....	206	301.47	106.60	90.56	21.70	11.00	62.63	35.4	35.0	7.2	3.6	20.8
Tennessee.....	775	216.09	76.38	53.48	17.52	16.90	52.73	35.2	24.6	8.1	7.8	24.3
Texas.....	2,368	246.26	93.29	58.30	19.25	13.62	61.71	37.9	23.7	7.8	5.5	25.1
Utah.....	275	306.70	146.57	58.15	20.98	12.39	68.30	47.9	19.6	6.8	4.0	22.3
Vermont.....	128	326.85	114.83	105.37	25.06	14.83	66.51	35.1	32.2	7.7	4.5	20.3
Virginia.....	848	213.10	88.24	39.67	8.57	16.97	59.71	41.4	18.6	4.0	8.0	28.0
Washington.....	952	332.73	132.97	51.68	36.71	17.20	94.20	40.0	15.5	11.0	5.2	28.3
West Virginia.....	404	217.34	84.11	51.43	22.35	10.77	48.74	38.7	23.7	10.3	5.0	22.4
Wisconsin.....	1,150	290.16	100.86	65.34	21.75	20.69	81.64	34.8	22.5	7.5	7.1	28.1
Wyoming.....	151	454.22	171.99	140.06	16.27	29.82	96.08	37.9	30.8	3.6	6.6	21.2

<sup>1</sup> Based on estimated population as of July 1, 1960; see footnote 1, table 552.

<sup>2</sup> Includes police, fire protection, natural resources, sanitation, general control, and interest on general debt as well as miscellaneous lesser functions.

Source: Department of Commerce, Bureau of the Census; *Governmental Finances in 1960*.

# No. 554. INDEBTEDNESS AND CASH AND SECURITY HOLDINGS OF STATE AND LOCAL GOVERNMENTS, BY STATES: 1960

[In millions of dollars, except per capita. As of end of fiscal year]

STATE	DEBT OUTSTANDING					CASH AND SECURITY HOLDINGS				
	Total		Long-term	Net long-term <sup>1</sup>		Total <sup>2</sup>	Insurance trust systems		Debt offsets	All other (including bond fund holdings)
	Amount	Per capita		Amount	Per capita		Em- ployee retire- ment	Unem- ploy- ment compen- sation		
<b>U.S.</b> .....	69,955	\$389	66,801	61,596	\$342	56,050	18,539	6,675	5,205	24,109
Alabama.....	945	289	867	828	253	527	151	57	39	280
Alaska.....	98	432	95	82	360	76	3	2	13	59
Arizona.....	464	352	460	440	334	419	79	62	20	180
Arkansas.....	335	187	327	310	173	213	48	37	17	111
California.....	6,745	426	6,670	5,418	342	8,359	2,988	840	1,251	3,104
Colorado.....	662	376	647	632	360	549	126	65	15	328
Connecticut.....	1,636	642	1,349	1,338	525	828	203	170	11	444
Delaware.....	312	695	306	304	678	89	2	10	1	77
District of Columbia.....	148	194	81	81	106	148	35	61		52
Florida.....	1,695	339	1,664	1,536	307	1,068	285	105	129	540
Georgia.....	1,055	267	967	916	232	792	192	144	51	405
Hawaii.....	317	494	306	298	464	339	137	25	8	169
Idaho.....	137	201	136	131	105	181	19	28	5	125
Illinois.....	4,164	412	3,757	3,575	354	2,601	868	334	182	1,218
Indiana.....	1,109	237	1,091	1,057	226	976	163	170	34	608
Iowa.....	419	152	418	404	146	653	139	114	14	386
Kansas.....	788	362	758	740	340	452	35	73	18	326
Kentucky.....	561	184	549	501	164	422	90	103	48	182
Louisiana.....	1,370	419	1,310	1,234	377	914	339	125	76	374
Maine.....	246	253	242	237	243	182	51	29	5	97
Maryland.....	1,675	538	1,660	1,523	489	820	394	64	145	209
Massachusetts.....	2,602	504	2,439	2,367	458	1,345	445	230	73	597
Michigan.....	2,407	307	2,354	2,230	284	1,969	663	222	124	948
Minnesota.....	1,216	355	1,191	1,145	334	1,173	233	67	47	827
Mississippi.....	594	272	578	549	252	361	32	32	28	268
Missouri.....	965	223	901	858	108	866	159	202	43	462
Montana.....	172	253	169	156	230	195	45	24	14	103
Nebraska.....	574	406	570	542	383	341	41	38	20	233
Nevada.....	94	326	94	90	313	121	22	17	4	63
New Hampshire.....	172	282	163	162	266	106	39	23	1	42
New Jersey.....	2,574	422	2,448	2,418	396	1,989	672	332	30	849
New Mexico.....	237	248	237	224	233	385	33	43	14	296
New York.....	12,604	749	11,731	10,152	603	9,908	4,872	957	1,579	2,098
North Carolina.....	950	208	907	848	186	932	304	180	59	389
North Dakota.....	111	175	110	100	157	233	16	6	10	187
Ohio.....	3,377	347	3,278	3,128	321	3,226	1,147	364	150	1,226
Oklahoma.....	658	282	658	595	255	506	70	38	63	333
Oregon.....	638	360	634	458	258	706	107	38	176	324
Pennsylvania.....	4,532	400	4,333	4,153	366	2,416	1,194	198	180	829
Rhode Island.....	307	353	279	258	302	195	66	30	21	43
South Carolina.....	517	216	505	476	199	383	126	75	29	152
South Dakota.....	65	96	64	59	87	168	3	15	5	140
Tennessee.....	1,237	346	1,179	1,130	319	588	161	73	40	314
Texas.....	3,618	376	3,533	3,337	347	2,803	601	254	196	1,753
Utah.....	223	249	217	212	237	218	31	37	5	132
Vermont.....	92	234	89	88	226	75	29	14	1	32
Virginia.....	992	249	961	930	234	711	174	86	31	420
Washington.....	2,133	746	2,115	2,002	700	1,559	287	200	113	848
West Virginia.....	458	247	456	422	227	354	91	34	34	106
Wisconsin.....	855	216	841	818	206	1,437	523	218	23	669
Wyoming.....	101	305	101	98	295	175	12	12	3	138

<sup>1</sup> Long-term debt minus debt offsets (amounts reserved for future retirement of long-term debt).

<sup>2</sup> Includes some insurance trust systems not shown separately.

Source: Department of Commerce, Bureau of the Census; annual report, *Governmental Finances in 1960*.

## No. 555. SUMMARY OF STATE GOVERNMENT FINANCES: 1950 TO 1960

[In millions of dollars, except per capita. Beginning 1959, includes Alaska, and 1960, Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series Y 575-647]

ITEM	1950	1955	1957	1958	1959	1960	Per capita, 1960 <sup>1</sup>
<b>Revenue and borrowing</b>	<b>15,331</b>	<b>21,821</b>	<b>26,158</b>	<b>28,462</b>	<b>31,413</b>	<b>35,149</b>	<b>\$196.85</b>
Borrowing	1,428	2,155	1,502	2,271	2,249	2,312	12.95
Revenue	13,903	19,667	24,656	26,191	29,164	32,838	183.90
General revenue	11,262	16,194	20,382	21,772	24,448	27,363	153.25
Taxes	7,930	11,597	14,531	14,919	15,848	18,036	101.01
Sales and gross receipts	4,670	6,864	8,436	8,750	9,287	10,510	58.86
General	1,670	2,637	3,373	3,507	3,697	4,302	24.09
Motor fuels	1,544	2,353	2,828	2,919	3,058	3,355	18.68
Alcoholic beverages	420	471	509	506	599	650	3.04
Tobacco products	414	459	556	616	675	723	5.17
Other	621	944	1,109	1,142	1,257	1,300	7.28
Licenses	1,228	1,824	2,188	2,201	2,320	2,495	13.97
Motor vehicles	702	1,111	1,289	1,319	1,390	1,468	8.22
Corporations in general	176	266	408	346	360	426	2.39
Other	350	447	491	536	570	602	3.37
Individual income	724	1,094	1,563	1,544	1,764	2,209	12.37
Corporation net income	586	737	984	1,018	1,001	1,180	6.61
Property	307	412	479	533	566	607	3.40
Other	415	607	881	872	911	1,034	5.78
Intergovernmental revenue	2,423	2,989	3,928	4,764	6,252	6,745	37.77
From Federal Government	2,275	2,762	3,500	4,401	5,888	6,382	35.74
Public welfare	1,107	1,428	1,647	1,793	1,959	2,048	11.47
Education	345	289	427	492	615	727	4.07
Highways	438	692	973	1,496	2,610	2,883	16.14
Other	385	442	554	680	704	725	4.05
From local governments	148	226	427	302	364	363	2.03
Charges and miscellaneous general revenue	909	1,008	1,923	2,089	2,348	2,683	14.47
Liquor stores revenue	810	902	1,065	1,058	1,085	1,128	6.31
Insurance trust revenue	1,831	2,511	3,209	3,361	3,631	4,347	24.34
<b>Debt outstanding at end of fiscal year</b>	<b>5,285</b>	<b>11,198</b>	<b>13,738</b>	<b>15,394</b>	<b>16,930</b>	<b>18,543</b>	<b>103.85</b>
Long-term	5,168	10,950	13,522	15,065	16,421	18,128	101.62
Full faith and credit	4,209	5,929	6,490	7,349	8,211	8,912	49.91
Nonguaranteed	958	5,022	7,032	7,716	8,210	9,216	51.61
Short-term	118	248	216	329	509	415	2.33
Net long-term	4,246	9,493	11,772	13,027	14,180	15,595	87.34
Full faith and credit only	3,379	4,628	4,949	5,677	6,240	6,711	37.68
<b>Expenditure and debt redemption</b>	<b>15,373</b>	<b>20,907</b>	<b>24,905</b>	<b>28,699</b>	<b>31,848</b>	<b>32,496</b>	<b>181.99</b>
Debt redemption	291	550	670	619	723	909	5.04
Expenditure, total	15,082	20,357	24,235	28,080	31,125	31,586	176.95
General expenditure <sup>2</sup>	12,260	17,176	21,087	23,637	26,006	27,228	152.49
Public welfare	2,358	2,647	2,770	3,191	3,533	3,704	20.74
Education	3,413	5,066	6,553	7,325	8,059	8,857	49.80
Highways	2,668	4,810	6,957	6,674	7,621	7,317	40.98
Health and hospitals	1,042	1,464	1,906	1,909	2,012	2,072	11.61
State hospitals and institutions for handicapped	788	1,145	1,338	1,512	1,590	1,618	9.06
Other	254	318	568	397	422	454	2.55
Housing and community redevelopment	7	15	19	24	28	33	.19
Natural resources	477	610	798	890	964	862	4.83
Correction	148	271	333	376	420	433	2.42
Police	79	141	182	218	231	251	1.41
Employment security administration	172	207	234	270	303	313	1.75
General control	322	455	638	578	628	663	3.72
Miscellaneous and unallocable	1,407	1,380	1,797	2,081	2,187	2,722	15.24
Liquor stores expenditure	654	770	836	899	860	907	5.08
Insurance trust expenditure	2,177	2,411	2,313	3,675	4,259	3,461	19.38
<b>Expenditure by character and object:</b>							
Direct expenditure	10,864	14,371	16,921	20,137	22,585	22,809	124.94
Current operation	4,450	6,234	7,455	8,307	8,924	9,694	54.29
Capital outlay	2,237	3,992	5,163	5,946	7,059	6,607	37.00
Construction	1,966	3,404	4,318	5,022	5,937	5,009	30.85
Purchase of land and existing structures	131	412	593	653	839	802	4.49
Equipment	141	177	251	271	282	296	1.66
Assistance and subsidies	1,891	1,482	1,639	1,813	1,891	2,015	11.28
Interest on debt	109	251	351	396	453	536	3.00
Insurance benefits and repayments	2,177	2,411	2,313	3,675	4,259	3,461	19.38
Intergovernmental expenditure	4,217	5,986	7,315	7,943	8,540	9,283	51.99

<sup>1</sup> Based on population of the United States as of April 1, 1960, excluding Armed Forces abroad.

<sup>2</sup> Includes intergovernmental expenditure.

Source: Department of Commerce, Bureau of the Census; special study, *Revised Summary of State Government Finances, 1942-1960*, and annual report, *Compendium of State Government Finances*.

## No. 556. GENERAL REVENUE AND GENERAL EXPENDITURE

[In millions]

1	STATE	GENERAL REVENUE					GENERAL EXPENDITURE		
		Total	Taxes <sup>1</sup>	Intergovernmental revenue		Charges and miscellaneous	Total	Correc-tion	Public welfare
				From Federal Govern-ment	From local govern-ments				
1	United States.....	27,363.4	18,035.9	6,381.6	363.0	2,582.9	27,228.4	432.9	3,703.8
2	Alabama.....	464.3	273.7	141.8	9.0	39.8	497.9	5.1	81.2
3	Alaska.....	68.6	27.1	33.1	.3	8.1	49.9	.3	4.4
4	Arizona.....	255.3	165.0	60.0	1.6	28.8	240.4	2.3	25.2
5	Arkansas.....	282.6	158.1	86.0	.8	17.7	246.9	1.7	46.4
6	California.....	3,047.2	2,124.4	664.5	21.0	237.4	3,050.5	58.1	434.7
7	Colorado.....	327.6	192.5	88.9	.5	45.7	300.9	5.7	80.8
8	Connecticut.....	353.5	238.1	56.9	2.1	56.3	389.7	9.0	53.4
9	Delaware.....	193.2	70.8	14.9	1.9	15.6	113.2	1.5	7.7
10	Florida.....	740.9	521.7	171.4	8.3	39.6	724.5	13.0	78.8
11	Georgia.....	564.0	369.1	153.2	6.5	35.2	530.4	4.0	92.3
12	Hawaii.....	186.9	124.2	42.0	3.2	17.3	182.4	2.5	0.7
13	Idaho.....	118.2	69.0	37.8	.8	10.6	112.0	1.3	11.2
14	Illinois.....	1,254.3	836.4	336.9	7.5	73.5	1,211.0	19.2	232.7
15	Indiana.....	618.4	399.4	128.1	5.2	85.7	609.0	8.9	37.3
16	Iowa.....	450.2	265.8	120.5	26.0	37.8	430.4	4.7	54.5
17	Kansas.....	336.9	206.6	89.8	5.0	35.5	313.1	4.2	41.0
18	Kentucky.....	390.3	228.5	130.2	1.8	29.8	406.2	3.5	53.8
19	Louisiana.....	768.1	452.7	200.4	4.0	111.0	785.6	7.1	162.6
20	Maine.....	145.9	86.9	39.1	4.4	15.5	145.3	2.3	22.3
21	Maryland.....	464.0	343.6	60.8	6.7	42.9	432.9	12.9	27.3
22	Massachusetts.....	742.8	491.1	154.9	38.6	58.1	787.4	16.3	140.8
23	Michigan.....	1,287.8	913.9	216.5	22.3	135.0	1,341.4	19.8	132.5
24	Minnesota.....	575.5	352.6	137.3	10.5	75.2	580.1	9.9	57.9
25	Mississippi.....	320.7	194.3	98.8	2.9	24.7	335.7	2.4	52.0
26	Missouri.....	531.2	312.9	189.1	2.9	26.3	519.7	6.4	140.7
27	Montana.....	131.6	64.9	47.9	2.1	16.8	126.6	2.5	13.5
28	Nebraska.....	172.1	91.1	50.0	9.1	21.8	168.2	3.4	20.8
29	Nevada.....	70.5	44.9	18.3	.5	6.8	68.5	1.0	4.5
30	New Hampshire.....	88.5	41.8	28.9	7.2	10.6	93.3	1.1	8.8
31	New Jersey.....	594.7	365.2	103.2	30.1	96.1	517.2	11.0	54.7
32	New Mexico.....	225.1	123.2	57.9	1.1	42.9	211.1	2.7	25.9
33	New York.....	2,604.0	1,961.0	439.3	8.7	195.0	2,772.3	51.2	303.0
34	North Carolina.....	669.2	439.4	148.7	4.0	57.2	604.2	14.6	59.7
35	North Dakota.....	144.6	60.8	46.2	3.7	33.9	146.2	1.4	13.4
36	Ohio.....	1,201.9	872.7	287.2	25.3	106.7	1,242.7	25.8	177.4
37	Oklahoma.....	450.1	275.4	121.1	1.4	52.2	435.6	3.1	127.5
38	Oregon.....	359.7	208.3	96.8	9.2	45.4	359.9	6.0	42.8
39	Pennsylvania.....	1,451.7	1,032.9	272.6	24.9	121.3	1,602.8	23.2	195.9
40	Rhode Island.....	124.2	86.1	29.2	1.0	8.0	127.3	2.4	23.2
41	South Carolina.....	358.1	235.5	85.5	3.3	33.8	315.3	2.6	30.2
42	South Dakota.....	118.5	53.0	40.9	2.9	21.7	115.0	1.1	13.3
43	Tennessee.....	475.8	304.6	140.3	8.1	22.8	459.6	4.8	59.0
44	Texas.....	1,312.2	792.8	362.7	5.9	150.8	1,224.9	14.0	176.7
45	Utah.....	177.1	106.4	60.5	1.2	15.1	166.8	2.2	17.8
46	Vermont.....	77.8	43.5	25.9	1.4	7.0	81.0	1.4	8.1
47	Virginia.....	467.0	291.7	100.1	4.8	70.4	454.6	8.6	26.0
48	Washington.....	637.2	460.8	116.3	.7	59.4	620.3	10.7	111.3
49	West Virginia.....	281.9	180.1	83.5	1.0	17.3	276.7	2.7	30.4
50	Wisconsin.....	607.4	426.2	117.3	11.0	62.0	597.1	11.4	54.9
51	Wyoming.....	193.9	41.5	47.9	.5	14.0	95.7	.9	4.5

<sup>1</sup> See also table 555.

## OF STATE GOVERNMENTS, BY STATES: 1960

of dollars]

GENERAL EXPENDITURE—Continued										
Education			Highways	Health and hospitals		Natural resources	General control	Employment security administration	All other	Total inter-governmental expenditure
Total <sup>a</sup>	State institutions of higher education	Inter-governmental		State hospitals and institutions for the handicapped	Other					
8,856.7	2,855.5	5,300.4	7,316.7	1,618.3	454.2	862.3	663.4	313.3	3,006.8	9,282.7
174.3	41.7	116.2	150.1	16.3	10.4	13.6	9.2	4.3	33.2	167.6
21.9	5.3	9.3	4.3	.4	4.1	3.0	2.9	1.4	7.2	10.2
82.8	33.2	46.7	62.6	4.5	2.6	7.6	5.8	4.1	41.7	79.6
74.5	25.6	43.5	72.9	11.0	5.0	12.3	5.3	3.3	14.6	65.0
1,243.3	400.1	748.9	555.9	128.2	43.9	159.9	84.6	37.5	304.4	1,454.6
90.3	52.2	33.6	75.1	18.6	3.7	10.5	8.9	2.7	13.8	126.5
90.7	27.7	49.7	116.1	39.5	5.1	8.6	12.4	5.1	50.0	63.1
50.9	8.3	18.0	26.8	6.9	2.3	1.9	2.8	.8	11.6	20.2
260.0	55.1	190.6	219.4	31.7	21.9	35.8	17.9	6.1	40.0	222.6
202.4	51.0	134.8	131.3	21.6	17.1	22.0	10.3	4.2	25.0	176.5
52.3	10.5	-----	20.5	6.1	8.2	8.2	8.5	1.1	65.5	26.3
29.2	11.4	16.7	44.2	3.8	2.4	9.4	2.0	2.2	6.1	27.8
302.9	132.0	154.7	426.9	78.6	12.8	27.9	24.9	13.8	72.1	350.7
223.2	116.1	102.9	206.8	37.3	7.0	16.4	11.7	5.6	54.7	208.4
99.4	55.5	38.5	109.8	27.0	2.9	12.5	6.4	3.0	50.3	112.7
90.0	46.8	40.4	105.6	23.7	2.4	10.8	7.7	2.5	25.3	102.1
113.3	38.3	69.5	152.7	12.7	8.8	15.7	14.5	3.1	23.0	82.2
242.2	64.7	101.7	184.2	43.4	8.6	23.7	12.2	3.8	97.9	231.2
28.5	10.8	14.2	54.3	9.4	2.5	9.1	3.3	1.5	12.2	20.0
119.5	39.4	75.3	121.7	37.7	14.6	9.1	13.1	5.2	71.8	175.0
105.4	29.9	67.4	176.5	76.6	10.0	9.1	23.1	11.9	217.6	310.4
519.3	200.1	303.3	349.1	76.8	26.7	30.0	22.6	14.0	149.9	551.6
224.2	87.6	131.1	156.5	43.4	5.3	21.9	11.2	4.5	45.3	238.9
123.4	33.5	84.1	93.2	10.6	6.2	13.4	5.2	3.3	25.9	122.4
142.2	46.7	90.7	136.1	31.0	6.0	14.8	12.1	5.6	24.7	105.7
36.6	18.1	17.0	45.3	5.3	1.4	8.4	3.1	1.6	9.0	20.4
34.5	24.8	6.8	72.7	13.7	1.9	9.3	2.4	1.4	8.2	42.4
23.3	8.0	14.6	21.6	1.1	1.0	3.7	3.2	1.3	7.8	17.9
16.5	11.9	2.7	43.0	0.5	1.3	4.5	2.4	1.3	7.8	6.0
147.9	43.7	98.3	136.6	41.3	11.1	13.3	19.9	12.1	69.3	159.3
96.6	28.7	62.2	52.1	4.1	2.3	8.2	6.9	2.0	10.3	70.5
815.5	105.5	676.6	543.1	268.4	56.9	44.6	93.9	44.5	545.3	1,225.1
264.3	71.2	18.5	138.7	32.5	10.6	19.6	10.3	6.0	48.0	101.0
39.1	19.8	17.6	55.1	5.3	1.0	5.1	2.5	1.5	21.9	25.9
293.2	111.3	171.3	465.2	84.5	13.2	23.2	29.4	14.4	116.3	450.9
131.3	49.9	75.2	103.6	18.3	4.8	12.8	7.4	3.8	23.0	115.9
108.7	46.7	57.1	109.3	20.8	2.9	23.4	13.5	3.7	28.7	90.1
566.5	96.4	388.6	369.3	105.7	39.9	33.4	38.7	24.0	206.3	474.9
23.0	9.1	10.5	32.2	10.6	3.0	3.8	6.2	2.8	20.1	20.4
110.5	26.5	71.0	92.2	12.8	5.9	8.8	6.7	3.2	42.5	92.8
26.5	18.7	6.5	50.1	3.6	1.1	7.1	1.8	.9	9.7	10.7
149.2	37.5	105.0	162.9	20.7	9.5	11.8	6.4	4.2	31.2	154.5
487.2	145.9	322.8	395.3	56.0	6.7	22.3	15.6	13.1	37.8	332.5
73.1	31.7	38.4	46.5	4.2	1.7	7.1	3.6	2.5	8.2	44.2
17.9	8.9	6.4	35.8	3.4	2.0	3.9	2.4	.9	5.2	13.5
137.1	60.2	86.0	126.4	44.9	11.0	10.6	14.9	2.8	46.3	138.0
254.6	75.5	156.3	116.0	24.6	6.1	26.3	11.7	6.0	52.9	216.3
98.3	31.3	63.0	88.9	9.4	2.8	6.7	7.0	2.7	18.1	64.8
150.0	74.2	69.2	159.3	21.8	14.5	25.6	12.4	4.6	143.0	315.6
29.0	10.5	17.4	43.6	2.3	1.0	5.5	2.1	.9	5.9	27.4

<sup>2</sup> Includes amounts for items not shown separately.Source: Department of Commerce, Bureau of the Census; annual report, *Compendium of State Government Finances in 1960*.

## No. 557. STATE TAX COLLECTIONS, BY TYPE OF TAX, BY STATES: 1961

[In millions of dollars. Preliminary. Includes local shares of State-imposed taxes]

STATE	Total <sup>1</sup>	SALES AND GROSS RECEIPTS					Motor vehicle and operators licenses	Individual income	Corporation net income	Property
		Total <sup>1</sup>	General sales or gross receipts	Motor fuels	Alcoholic beverages	Tobacco products				
Number of States using tax.....	50	50	35	50	50	47	49	34	37	45
United States.....	19,001.9	10,988.3	4,509.1	3,430.5	688.2	986.4	1,640.0	2,353.2	1,264.9	630.6
Alabama.....	277.0	201.0	91.1	71.3	7.4	18.3	5.8	27.1	8.8	14.1
Alaska.....	31.6	9.9	-----	5.1	2.4	1.4	2.2	10.4	1.5	3.2
Arizona.....	175.3	113.9	70.8	26.4	3.8	3.7	10.7	14.9	6.1	25.1
Arkansas.....	165.3	116.4	55.5	39.7	5.8	9.4	15.5	10.5	10.8	3.3
California.....	2,243.6	1,307.2	714.9	349.6	51.0	65.5	140.5	269.7	273.4	129.4
Colorado.....	219.8	105.0	52.2	38.2	6.2	-----	17.9	52.1	18.6	9.3
Connecticut.....	250.6	172.0	79.6	46.8	7.4	11.9	22.8	-----	30.8	(4)
Delaware.....	77.5	19.3	-----	9.3	1.7	2.2	4.5	27.5	6.7	2.8
Florida.....	528.5	401.0	170.2	126.5	47.1	9.9	57.5	-----	-----	21.0
Georgia.....	393.2	286.9	148.1	86.1	20.7	20.8	19.3	52.5	24.4	1.4
Hawaii.....	132.2	91.3	68.0	<sup>5</sup> 11.2	3.5	2.2	-----	32.2	5.8	-----
Idaho.....	69.6	23.7	-----	14.5	1.8	3.3	11.6	19.0	5.5	3.6
Illinois.....	874.3	711.1	384.0	146.3	40.6	43.1	108.7	-----	-----	1.0
Indiana.....	401.4	335.4	192.1	101.8	14.1	17.2	38.5	-----	-----	7.1
Iowa.....	268.2	164.2	83.2	57.6	3.2	11.7	46.0	37.4	4.6	4.1
Kansas.....	214.3	137.7	75.8	40.5	5.5	9.1	24.0	24.1	8.6	8.9
Kentucky.....	301.3	185.9	70.5	64.5	16.5	8.6	12.8	48.4	22.6	16.0
Louisiana.....	459.1	221.8	85.4	63.5	20.2	27.5	13.5	13.9	17.3	14.8
Maine.....	90.1	69.2	28.5	23.7	2.2	6.9	10.0	-----	-----	1.7
Maryland.....	359.0	194.4	76.8	57.5	9.2	10.8	27.8	90.4	20.5	13.7
Massachusetts.....	525.4	182.9	-----	79.2	26.9	41.1	26.8	135.8	34.8	3.3
Michigan.....	909.2	658.7	390.1	148.3	26.8	63.6	76.2	-----	-----	55.3
Minnesota.....	383.0	132.6	-----	58.0	19.0	22.8	44.2	97.3	37.2	24.7
Mississippi.....	105.9	143.0	71.7	46.8	4.7	11.4	8.2	7.9	12.5	4.6
Missouri.....	340.9	204.3	124.7	47.0	5.6	13.2	42.1	46.9	12.0	15.1
Montana.....	68.7	30.8	-----	17.4	3.9	6.1	4.3	13.6	4.7	5.8
Nebraska.....	94.3	52.7	-----	38.5	3.2	6.4	6.3	-----	-----	29.0
Nevada.....	46.4	34.8	13.8	8.4	1.3	1.5	6.0	-----	-----	2.0
New Hampshire.....	43.2	26.7	-----	13.6	1.1	4.4	7.1	1.6	-----	1.9
New Jersey.....	355.7	214.9	-----	109.1	22.0	47.7	74.5	-----	26.4	2.5
New Mexico.....	124.2	70.6	35.9	24.9	2.1	4.8	12.3	<sup>2</sup> 7.4	(3)	8.1
New York.....	2,086.8	644.3	-----	231.9	58.4	128.7	143.1	803.7	270.1	3.7
North Carolina.....	479.4	251.6	89.8	104.0	17.9	-----	32.8	93.8	54.8	11.3
North Dakota.....	62.3	37.7	15.7	13.2	3.1	3.7	0.8	4.7	1.5	2.5
Ohio.....	871.0	650.0	254.3	214.0	36.1	61.6	97.9	-----	-----	41.2
Oklahoma.....	283.7	162.0	58.2	59.9	11.5	14.8	39.5	17.9	14.7	-----
Oregon.....	200.0	46.9	-----	38.2	1.4	-----	30.6	84.5	20.9	(4)
Pennsylvania.....	1,163.3	731.8	386.9	165.0	49.0	66.0	104.9	-----	154.3	1.8
Rhode Island.....	95.3	68.9	24.6	17.1	3.3	7.1	0.6	-----	8.9	-----
South Carolina.....	239.1	166.1	68.7	51.8	16.9	11.9	10.4	27.9	21.4	1.1
South Dakota.....	55.4	43.4	16.5	15.4	2.7	3.4	7.0	-----	5	(4)
Tennessee.....	311.4	224.5	106.8	77.8	8.6	18.6	25.7	6.0	21.1	(5)
Texas.....	807.2	407.8	-----	188.1	35.5	91.5	91.9	-----	-----	39.7
Utah.....	102.1	57.0	29.4	20.8	1.0	2.4	6.9	15.4	6.3	7.0
Vermont.....	45.9	20.5	-----	8.6	4.2	3.6	7.4	11.9	2.3	3
Virginia.....	344.3	155.5	-----	90.4	19.6	14.1	24.3	81.9	28.7	22.0
Washington.....	477.4	393.0	268.0	63.6	13.1	19.2	24.6	-----	-----	33.9
West Virginia.....	185.8	149.5	85.8	33.2	3.1	9.6	25.1	0	-----	3
Wisconsin.....	441.2	134.1	-----	75.2	15.2	22.0	44.7	144.3	56.9	33.4
Wyoming.....	41.3	24.5	11.8	9.1	6	1.7	6.4	-----	-----	7.3

<sup>1</sup> Includes amounts for types of taxes not shown separately.<sup>2</sup> Combined corporation and individual income taxes as reported by New Mexico tabulated with individual income taxes.<sup>3</sup> Back taxes only; not included with "Number of States using tax."<sup>4</sup> Less than \$50,000.<sup>5</sup> Excludes State collections of county-imposed supplemental taxes, amounting to \$5,225,000 in fiscal 1961.<sup>6</sup> Less than \$50,000 in back taxes only; not counted with "Number of States using tax."Source: Department of Commerce, Bureau of the Census; annual report, *State Tax Collections in 1961*.

# No. 558. ASSESSED VALUE OF PROPERTY SUBJECT TO LOCAL GENERAL PROPERTY TAXATION, BY CLASS OF PROPERTY, BY STATES: 1956

[Money figures in millions of dollars. Relates to officially recorded or "assessed" values, which should not be interpreted as representing the current market worth of taxable property. Excludes value of property wholly exempt from local property taxes]

STATE	TOTAL ASSESSED VALUE		DISTRIBUTION OF GROSS ASSESSED VALUE							AVERAGE RATIO OF ASSESSED VALUE TO SALES PRICE <sup>2</sup>	
	Gross (before exemptions)	Taxable (after exemptions deducted)	Locally assessed real property <sup>1</sup>						Locally assessed personal property	All locally assessed real property	Non-farm single-family houses
			State-assessed property	Total	Residential (non-farm)	Acreage and farms	Vacant lots	Commercial and industrial property			
U.S.-----	280,492	272,444	22,459	209,765	113,505	29,083	4,763	58,011	48,269	30.3	29.8
Alabama-----	2,260	2,260	372	1,201	623	258	37	369	597	19.1	20.6
Arizona-----	1,330	1,239	465	554	345	82	18	106	312	15.8	20.7
Arkansas-----	934	934	211	466	189	164	11	86	257	10.0	11.2
California-----	22,686	21,819	2,855	16,212	8,860	1,700	470	5,093	3,620	18.8	19.8
Colorado-----	3,131	3,068	347	2,126	1,093	428	64	620	658	26.4	28.3
Connecticut-----	6,848	6,634	-----	5,068	3,382	203	68	1,366	1,790	43.9	43.7
Delaware-----	928	928	-----	928	579	75	12	250	-----	48.6	52.5
District of Columbia-----	2,332	2,332	-----	1,949	1,196	-----	84	667	384	48.6	45.9
Florida-----	6,918	4,630	134	5,878	3,861	432	267	1,282	906	29.8	40.8
Georgia-----	3,099	2,338	344	1,792	1,070	273	42	398	963	22.3	25.0
Idaho-----	608	603	148	353	89	195	5	64	106	11.2	11.0
Illinois-----	28,609	28,609	1,559	21,600	10,562	4,255	605	5,702	5,461	41.8	41.6
Indiana-----	7,453	7,020	1,026	4,114	2,157	996	98	832	2,313	21.9	22.9
Iowa-----	4,717	4,607	475	3,533	981	2,074	28	444	709	23.2	22.9
Kansas-----	4,290	4,177	766	2,282	731	1,234	33	274	1,242	21.0	19.2
Kentucky-----	3,618	3,618	884	2,295	1,099	634	33	471	439	29.3	29.0
Louisiana-----	2,937	2,341	597	1,675	906	236	45	486	665	19.6	21.4
Maine-----	1,159	1,147	-----	927	506	103	12	260	231	35.1	32.8
Maryland-----	6,719	6,719	1,288	5,222	3,603	445	112	1,053	209	50.7	54.2
Massachusetts-----	8,590	8,590	-----	7,823	5,058	156	136	2,409	707	42.8	39.5
Michigan-----	14,531	14,531	-----	10,102	5,893	1,003	242	2,950	4,429	29.7	29.0
Minnesota-----	2,009	2,009	19	1,590	589	443	25	528	401	11.7	10.4
Mississippi-----	1,296	1,006	291	699	282	264	14	108	336	17.1	17.9
Missouri-----	6,837	6,837	704	4,618	2,219	1,014	84	1,224	1,516	27.5	26.7
Montana-----	619	619	147	272	94	100	2	72	200	8.5	9.5
Nebraska-----	2,956	2,956	142	2,112	635	1,196	21	258	701	28.9	29.5
Nevada-----	620	685	164	353	152	58	12	131	113	23.2	24.6
New Hampshire-----	1,021	988	-----	926	514	72	14	319	95	40.4	39.0
New Jersey-----	7,609	7,349	175	6,361	3,927	172	173	2,056	1,073	26.0	23.6
New Mexico-----	1,045	938	482	458	268	118	11	60	105	18.3	21.2
New York-----	36,219	35,287	1,550	34,662	20,243	728	658	12,860	-----	52.8	37.6
North Carolina-----	6,696	6,479	282	4,037	1,720	859	76	1,184	2,377	35.1	35.7
North Dakota-----	640	640	94	403	75	283	5	38	143	14.8	13.3
Ohio-----	22,071	22,071	2,797	14,150	8,409	1,666	380	3,633	5,124	36.0	35.6
Oklahoma-----	2,428	2,008	501	1,440	702	463	24	247	487	19.7	20.9
Oregon-----	2,067	2,051	260	1,403	650	400	32	312	405	18.9	19.5
Pennsylvania-----	11,951	11,951	-----	11,951	7,315	666	208	3,495	-----	32.3	31.3
Rhode Island-----	2,260	2,192	-----	1,752	1,140	24	66	485	507	64.2	59.8
South Carolina-----	936	936	236	302	137	98	7	67	397	6.5	5.9
South Dakota-----	1,930	1,930	95	1,300	274	887	13	123	536	40.2	38.6
Tennessee-----	2,974	2,974	481	2,221	1,157	438	58	558	272	28.4	31.1
Texas-----	10,553	10,553	123	7,708	2,363	1,259	142	1,384	2,722	16.4	18.2
Utah-----	1,165	1,165	489	483	272	94	13	99	193	14.7	15.5
Vermont-----	429	429	-----	359	178	64	2	114	70	29.2	28.1
Virginia-----	5,024	5,024	510	3,501	2,183	477	110	721	1,014	27.4	31.7
Washington-----	2,688	2,678	233	1,884	999	382	58	437	571	15.7	15.6
West Virginia-----	3,401	3,401	823	1,341	638	269	38	382	1,237	29.5	26.0
Wisconsin-----	8,548	8,548	-----	7,004	3,477	1,453	92	1,993	1,484	45.6	45.4
Wyoming-----	801	784	392	265	110	100	3	51	144	19.3	20.8

<sup>1</sup> Figures for particular types of property are estimates subject to sampling variation. Total includes value of property not subject to classification by type, a relatively insignificant portion for most States.

<sup>2</sup> Simple-sales-based averages, based on a sample survey of "arms-length" transfers involving taxable real properties for which figures could be obtained on assessed values (from local tax records) and on sales price (from the buyer or seller); excludes sales of newly constructed houses.

<sup>3</sup> Excludes Alaska and Hawaii.

Source: Department of Commerce, Bureau of the Census; 1957 Census of Governments, *Taxable Property Values in the United States*.

## NO. 559. SUMMARY OF CITY GOVERNMENT FINANCES: 1954 TO 1960

[In millions of dollars. Beginning 1950, includes Alaska, and 1960, Hawaii. Represents all municipalities (see tables 541 and 542) and their dependent agencies; excludes other local governments overlying city areas. Includes sample-based estimates for cities of less than 25,000 and thus subject to sampling variation]

ITEM	1954	1955	1956	1957	1958	1959	1960
<b>Revenue</b> .....	<b>9,585</b>	<b>10,227</b>	<b>10,942</b>	<b>12,047</b>	<b>12,832</b>	<b>13,748</b>	<b>14,915</b>
General revenue.....	7,327	7,824	8,442	9,285	9,895	10,639	11,647
Taxes.....	4,796	5,100	5,447	5,908	6,242	6,596	7,100
Property.....	3,585	3,767	3,986	4,297	4,570	4,823	5,197
Sales and gross receipts.....	659	728	833	934	972	1,041	1,217
General.....	389	433	521	602	628	676	797
Selective.....	270	295	313	332	343	365	420
Licenses and other.....	552	606	627	676	700	732	1,095
Intergovernmental revenue.....	1,336	1,438	1,550	1,750	1,953	2,155	2,321
From State governments only.....	1,177	1,236	1,346	1,489	1,633	1,767	1,808
Charges and miscellaneous.....	1,195	1,285	1,429	1,621	1,700	1,880	2,217
Current charges only.....	668	766	821	954	1,012	1,136	1,342
Utility and liquor store revenue.....	2,011	2,137	2,212	2,438	2,586	2,733	2,891
Water system.....	877	952	1,002	1,070	1,109	1,201	1,253
Electric power system.....	624	677	682	810	925	970	1,006
Gas supply system.....	62	68	90	114	134	142	162
Transit system.....	391	384	390	375	357	358	370
Liquor stores.....	55	57	58	60	61	62	71
Insurance-trust revenue.....	246	267	289	323	352	376	407
<b>Expenditure</b> .....	<b>9,906</b>	<b>10,541</b>	<b>11,285</b>	<b>12,839</b>	<b>13,775</b>	<b>14,481</b>	<b>15,251</b>
By function:							
General expenditure <sup>2</sup> .....	7,500	7,976	8,522	9,692	10,442	11,093	11,818
Police.....	816	884	948	1,041	1,130	1,185	1,275
Fire.....	588	610	645	709	774	818	885
Highways.....	1,023	1,115	1,186	1,328	1,455	1,501	1,573
Sanitation.....	911	960	1,062	1,156	1,248	1,316	1,332
Public welfare.....	448	479	479	496	530	581	608
Education.....	1,093	1,155	1,237	1,474	1,636	1,694	1,801
Libraries.....	120	128	135	145	158	173	185
Health and hospitals.....	547	579	616	703	713	786	790
Own hospitals.....	389	410	417	474	499	546	569
Other.....	158	169	199	229	215	240	1,229
Recreation.....	370	408	420	450	501	540	551
Housing and community redevelopment.....	269	209	224	247	323	267	464
Water transportation and terminal facilities.....	37	40	38	47	61	67	63
City airports.....	66	63	77	105	114	138	189
General control.....	417	438	471	512	554	590	1,598
General public buildings.....	120	122	125	157	161	177	182
Interest on general debt.....	232	246	273	309	334	375	431
Other and unallocable general expenditure.....	441	541	589	803	750	884	883
Utility and liquor store expenditure.....	2,134	2,274	2,426	2,706	2,950	2,969	2,975
Water system.....	1,000	1,087	1,182	1,305	1,334	1,423	1,424
Electric system.....	601	601	621	844	951	896	859
Gas supply system.....	61	88	90	110	106	122	143
Transit system.....	425	452	483	487	507	474	480
Liquor stores.....	47	46	50	50	52	54	60
Insurance-trust expenditure.....	272	291	317	352	383	410	458
By character and object:							
Current operation.....	6,361	6,757	7,284	8,100	8,763	9,259	9,874
Capital outlay.....	2,417	2,586	2,779	3,253	3,571	3,653	3,691
Construction.....	2,020	2,142	2,253	2,588	2,857	2,905	2,884
Land and existing structures.....	183	214	267	321	391	441	436
Equipment.....	215	229	259	344	324	307	372
Intergovernmental expenditure.....	97	106	94	374	132	159	168
Assistance and subsidies.....	370	392	345	344	368	378	386
Interest on debt.....	389	410	447	516	558	612	684
Insurance benefits and repayments.....	272	291	317	352	383	419	458
Total personal services <sup>4</sup> .....	4,463	4,749	5,083	5,661	6,010	6,562	6,772
<b>Debt outstanding at end of fiscal year</b> .....	<b>14,587</b>	<b>15,973</b>	<b>17,562</b>	<b>19,076</b>	<b>20,355</b>	<b>22,057</b>	<b>23,178</b>
Long-term.....	13,892	15,302	16,776	18,183	19,373	20,951	21,904
Full faith and credit.....	10,415	10,864	11,950	12,395	12,983	13,809	14,473
Nonguaranteed.....	3,478	4,438	4,826	5,788	6,390	7,142	7,430
Short-term.....	695	671	786	893	982	1,107	1,274
Net long-term debt outstanding.....	12,252	13,632	15,091	16,462	17,624	19,151	20,103
Long-term debt issued.....	1,792	2,113	2,018	2,523	2,534	2,714	2,420
Long-term debt retired.....	914	868	916	1,115	1,129	1,267	1,318

<sup>1</sup> Data not comparable with previous years due to change in data classification.

<sup>2</sup> Includes intergovernmental expenditure.

<sup>3</sup> Includes \$138,195,000 paid by city of Long Beach to State of California in settlement of litigation involving oil lands.

<sup>4</sup> Included in items shown above.



# No. 560. GOVERNMENTAL EMPLOYMENT AND PAYROLLS, BY LEVEL OF GOVERNMENT: 1950 TO 1961

[For October, except as noted. Beginning 1959, includes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1967*, series Y 205-240]

LEVEL OF GOVERNMENT	1950	1954	1955	1956	1957 (April)	1958	1959	1960	1961
<b>EMPLOYEES (1,000)</b>									
Total.....	6,402	7,232	7,432	7,685	8,047	8,297	8,487	8,808	9,100
Federal (civilian) <sup>1</sup> .....	2,117	2,373	2,378	2,410	2,430	2,405	2,399	2,421	2,484
State and local.....	4,285	4,859	5,054	5,275	5,608	5,892	6,088	6,387	6,616
State.....	1,057	1,198	1,250	1,322	1,358	1,469	1,518	1,502	1,627
Local.....	3,228	3,661	3,804	3,953	4,240	4,423	4,570	4,795	4,990
<b>MONTHLY PAYROLL (\$1,000,000)</b>									
Total.....	1,523	2,103	2,265	2,509	2,533	2,977	3,114	3,333	3,634
Federal (civilian) <sup>1</sup> .....	613	785	846	944	919	1,091	1,073	1,118	1,214
State and local.....	915	1,318	1,419	1,566	1,615	1,886	2,042	2,215	2,420
State.....	218	315	340	382	388	465	506	545	587
Local.....	696	1,004	1,078	1,184	1,226	1,421	1,536	1,670	1,833

<sup>1</sup> Includes Federal civilian employees outside United States.

# No. 561. GOVERNMENTAL EMPLOYMENT AND PAYROLLS, BY LEVEL OF GOVERNMENT, BY FUNCTION: 1961

[For October. Includes Alaska and Hawaii]

LEVEL OF GOVERNMENT	Total	National defense	Postal service	Educa- tion	High- ways	Health and hospitals	Police protection	Natural resources	General control	All other
<b>EMPLOYEES (1,000)</b>										
Total.....	9,100	1,070	580	3,062	545	879	367	334	557	1,706
Federal (civilian) <sup>1</sup> .....	2,484	1,070	580	12	5	177	22	189	112	4,317
State and local.....	6,616			3,050	540	702	345	145	445	1,389
State.....	1,627			520	256	346	34	113	97	259
Local.....	4,990			2,530	284	356	311	32	348	1,130
<b>MONTHLY PAYROLL (\$1,000,000)</b>										
Total.....	3,634	536	253	1,211	194	291	147	149	203	649
Federal (civilian) <sup>1</sup> .....	1,214	536	253	6	3	74	14	90	64	165
State and local.....	2,420			1,205	191	217	133	51	139	484
State.....	587			178	98	113	15	41	42	100
Local.....	1,833			1,027	96	104	118	10	98	384

<sup>1</sup> Includes Federal civilian employees outside United States.

Source of tables 560 and 561: Department of Commerce, Bureau of the Census; annual report, *State Distribution of Public Employment in 1961*.

# No. 562. FULL-TIME PUBLIC EMPLOYEES, BY LEVEL OF GOVERNMENT AND ANNUAL RATE OF PAY: 1957

[As of April. Excludes Alaska and Hawaii]

LEVEL OF GOVERNMENT	Total	ANNUAL RATE OF PAY							Median annual rate	
		Less than \$1,200	\$1,200 to \$2,399	\$2,400 to \$3,599	\$3,600 to \$4,700	\$4,800 to \$5,999	\$6,000 to \$7,199	\$7,200 or more		
NUMBER (1,000)										
All governments.....	6,695	170	528	1,757	2,394	1,140	402	305	\$4,013	
Federal (civilian) <sup>1</sup> .....	2,102	2	17	392	982	432	143	133	4,367	
State and local.....	4,593	168	511	1,365	1,411	708	259	171	3,792	
Teachers.....	1,398	7	55	319	505	297	134	80	4,324	
Other.....	3,195	161	454	1,046	906	412	125	91	3,530	
State.....	1,154	26	159	442	279	127	62	59	3,463	
Local.....	3,439	141	352	922	1,134	581	196	113	3,894	
PERCENT										
All governments.....	100.0	2.5	7.9	26.2	35.8	17.0	6.0	4.6		
Federal (civilian) <sup>1</sup> .....	100.0	0.1	0.8	18.6	46.7	20.6	6.8	6.3		
State and local.....	100.0	3.7	11.1	29.7	36.7	15.4	5.6	3.7		
Teachers.....	100.0	0.5	3.9	22.8	36.1	21.2	9.6	5.7		
Other.....	100.0	5.0	14.2	32.7	28.4	12.9	3.9	2.9		
State.....	100.0	2.3	13.8	38.3	24.2	11.0	5.4	5.1		
Local.....	100.0	4.1	10.2	26.8	33.0	16.9	5.7	3.3		

<sup>1</sup> Distribution of total numbers as of April 1957, estimated by interpolation on the basis of Civil Service Commission data concerning pay rates as of June 30, 1956, and June 30, 1957.

Source: Department of Commerce, Bureau of the Census; 1957 Census of Governments, *Summary of Public Employment*.

No. 563. GOVERNMENTAL EMPLOYMENT, BY LEVEL OF GOVERNMENT, BY STATES:  
1961

[For October, except as noted]

STATE	ALL EMPLOYEES (1,000)					FULL-TIME EQUIVALENT EMPLOYMENT OF STATE AND LOCAL GOVERNMENTS					
	All govern- ments	Federal (civil- ian) <sup>1</sup>	State and local	State	Local <sup>2</sup>	Number (1,000)			Per 10,000 population <sup>3</sup>		
						State and local	State	Local <sup>2</sup>	State and local	State	Local <sup>2</sup>
<b>United States.....</b>	<b>8,898</b>	<b>2,281</b>	<b>6,616</b>	<b>1,627</b>	<b>4,990</b>	<b>5,845</b>	<b>1,437</b>	<b>4,408</b>	<b>319</b>	<b>79</b>	<b>240</b>
Alabama.....	165	62	102	28	75	93	25	69	282	75	208
Alaska.....	22	13	9	5	4	8	4	4	326	174	152
Arizona.....	74	21	53	15	38	48	12	35	343	89	254
Arkansas.....	70	14	56	18	38	40	16	34	275	87	189
California.....	927	247	680	147	533	622	139	483	379	85	294
Colorado.....	113	35	78	22	56	66	18	48	370	99	271
Connecticut.....	100	15	85	26	58	76	24	52	292	94	198
Delaware.....	20	3	17	9	7	15	8	7	327	184	143
District of Columbia.....	270	<sup>4</sup> 243	28	---	28	26	---	26	346	---	346
Florida.....	241	50	191	43	148	178	41	137	341	78	263
Georgia.....	185	57	129	30	99	121	20	92	304	72	232
Hawaii.....	46	22	23	16	8	22	14	7	330	216	114
Idaho.....	34	6	27	9	19	23	8	15	341	116	225
Illinois.....	442	101	341	70	271	294	59	235	286	58	229
Indiana.....	193	32	161	44	117	141	36	105	299	76	223
Iowa.....	124	16	108	20	79	92	23	68	330	84	246
Kansas.....	118	21	97	28	69	82	22	60	374	101	273
Kentucky.....	119	29	90	27	63	79	23	56	256	75	181
Louisiana.....	156	24	132	47	85	121	42	78	363	127	236
Maine.....	57	17	39	12	27	31	11	21	317	110	207
Maryland.....	154	<sup>4</sup> 48	106	27	79	98	26	72	309	82	226
Massachusetts.....	263	65	197	42	156	175	40	135	335	77	258
Michigan.....	344	45	299	69	230	254	56	197	319	71	248
Minnesota.....	165	25	140	34	105	114	28	85	328	81	246
Mississippi.....	92	17	76	20	55	65	17	48	206	78	218
Missouri.....	192	51	141	34	107	123	29	94	280	65	216
Montana.....	39	9	30	10	20	25	8	17	362	117	246
Nebraska.....	79	16	64	16	48	54	13	41	376	92	283
Nevada.....	20	6	14	4	10	12	3	9	412	109	303
New Hampshire.....	28	4	24	8	16	19	6	12	299	103	196
New Jersey.....	257	55	202	38	164	179	34	145	286	54	232
New Mexico.....	61	23	38	14	24	33	11	22	335	112	224
New York.....	865	184	681	124	557	626	119	507	367	70	298
North Carolina.....	176	29	147	41	107	129	36	93	278	78	201
North Dakota.....	41	6	34	8	26	25	6	19	388	94	294
Ohio.....	434	91	343	67	276	293	59	234	295	60	237
Oklahoma.....	135	43	92	30	62	79	24	55	333	101	232
Oregon.....	98	21	77	28	50	66	23	44	370	127	243
Pennsylvania.....	457	132	326	90	236	292	86	206	255	75	180
Rhode Island.....	41	13	29	11	18	26	10	17	300	110	190
South Carolina.....	99	23	75	22	54	66	20	46	274	82	192
South Dakota.....	44	9	34	8	26	26	7	20	383	95	287
Tennessee.....	160	36	124	28	96	111	26	85	308	72	236
Texas.....	454	116	338	75	263	308	64	244	314	65	249
Utah.....	66	27	39	12	26	31	9	22	339	102	237
Vermont.....	19	3	16	6	11	13	5	8	327	134	193
Virginia.....	195	<sup>4</sup> 69	126	41	85	116	37	79	286	92	193
Washington.....	169	47	122	35	87	106	29	76	365	102	263
West Virginia.....	70	11	59	22	37	55	20	35	295	106	189
Wisconsin.....	183	21	162	34	128	126	26	100	313	65	248
Wyoming.....	22	5	17	5	12	15	4	11	442	131	311

<sup>1</sup> Federal civilian employment within the U.S. as of September 1961, including employees of the National Guard paid directly from the Federal treasury. Total accordingly differs from Federal employment reported in tables 560 and 561 which pertain to October 1961 and include employees working outside U.S.

<sup>2</sup> Subject to sampling variation.

<sup>3</sup> Based on estimated population as of July 1, 1961.

<sup>4</sup> Data for Federal employees in the District of Columbia are for Washington, D.C., standard metropolitan statistical area, and include substantial numbers of employees working in suburban locations in Maryland and Virginia.

Source: Department of Commerce, Bureau of the Census; annual report, *State Distribution of Public Employment in 1961*.

# No. 564. STATE AND LOCAL GOVERNMENT EMPLOYMENT AND PAYROLLS, BY TYPE OF GOVERNMENT: 1954 TO 1961

[For October, except as noted. Beginning 1959, includes Alaska and Hawaii. For payrolls, see also *Historical Statistics, Colonial Times to 1957*, series Y 223-240]

ITEM	STATE AND LOCAL			State	LOCAL <sup>1</sup>				
	Total	Educa- tion	Other		Total	Coun- ties	Municipi- alities	School districts	Other (town- ships and special districts)
EMPLOYEES (1,000)									
All employees, 1961.....	6,616	3,050	3,566	1,627	4,990	802	1,714	2,047	427
Full-time.....	5,580	2,509	3,072	1,370	4,210	721	1,450	1,773	267
Part-time.....	1,036	542	494	257	780	81	264	274	160
Full-time equivalent:									
1954.....	4,309	1,826	2,483	1,071	3,237	541	1,234	1,263	199
1955.....	4,487	1,935	2,552	1,129	3,358	557	1,252	1,340	209
1956.....	4,687	2,032	2,655	1,188	3,499	582	1,292	1,413	213
1957 (April).....	4,793	2,093	2,700	1,205	3,587	598	1,297	1,450	242
1958.....	5,171	2,270	2,901	1,312	3,859	627	1,372	1,670	289
1959.....	5,342	2,396	2,946	1,357	3,984	650	1,406	1,633	288
1960.....	5,570	2,525	3,045	1,411	4,159	672	1,447	1,727	302
1961.....	5,845	2,652	3,193	1,437	4,408	742	1,509	1,834	300
MONTHLY PAYROLL (\$1,000,000)									
1954.....	1,318	600	718	315	1,004	138	396	410	60
1955.....	1,419	662	757	340	1,078	148	414	453	64
1956.....	1,566	734	831	382	1,184	162	450	503	69
1957 (April).....	1,615	758	857	388	1,226	169	461	519	77
1958.....	1,886	906	980	465	1,421	195	511	617	105
1959.....	2,042	999	1,042	506	1,536	210	548	669	109
1960.....	2,215	1,095	1,120	545	1,670	229	583	735	118
1961.....	2,420	1,205	1,215	587	1,833	264	638	811	120

<sup>1</sup> Subject to sampling variation. Beginning 1958, amounts for particular types of local governments, being based on a subsample, do not add precisely to "total" shown for local governments as a whole.

Source: Department of Commerce, Bureau of the Census; annual report, *State Distribution of Public Employment in 1961*.

# No. 565. STATE AND LOCAL GOVERNMENT EMPLOYMENT AND PAYROLLS, BY FUNCTION: 1961

[For October. Includes Alaska and Hawaii]

FUNCTION	ALL EMPLOYEES (1,000)			FULL-TIME EQUIVA- LENT EMPLOYMENT (1,000)			MONTHLY PAYROLL (\$1,000,000)			Average monthly earnings, full-time employees (dollars)
	Total	State	Local	Total	State	Local	Total	State	Local	
All functions.....	6,616	1,627	4,990	5,845	1,437	4,408	2,420	587	1,833	415
Education.....	3,050	620	2,530	2,652	369	2,283	1,205	178	1,027	468
Local schools.....	2,491	11	2,480	2,259	10	2,249	1,012	5	1,007	453
Instructional personnel.....	1,686	9	1,677	1,600	8	1,592	818	4	814	511
Other.....	805	2	803	658	2	656	194	1	193	296
Institutions of higher edu- cation.....	527	477	50	364	330	34	180	161	19	502
Other.....	32	32	-----	29	29	-----	13	13	-----	426
Functions other than educa- tion.....	3,566	1,106	2,460	3,193	1,068	2,125	1,215	409	806	380
Highways.....	540	256	284	514	252	262	191	98	93	372
Public welfare.....	131	49	82	125	47	78	45	17	27	356
Hospitals.....	619	317	302	601	312	289	180	101	85	300
Health.....	82	28	54	77	28	49	31	12	19	408
Sanitation.....	162	-----	162	154	-----	154	67	-----	57	369
Police protection.....	345	34	311	310	34	276	133	15	118	420
Local fire protection.....	221	-----	221	180	-----	180	74	-----	74	403
Natural resources.....	145	113	32	126	100	26	61	41	10	405
Water supply.....	108	-----	108	100	-----	100	39	-----	39	386
Other local utilities.....	135	-----	135	133	-----	133	68	-----	58	438
General control.....	445	97	348	352	84	268	139	42	98	398
All other.....	633	212	421	542	202	340	212	83	120	293

Source: Department of Commerce, Bureau of the Census; annual report, *State Distribution of Public Employment in 1961*.

No. 566. STATE AND LOCAL GOVERNMENT EMPLOYMENT (FULL-TIME EQUIVALENT),  
BY SELECTED FUNCTION, BY STATES: 1961

[For October]

STATE	All functions	EDUCATION		FUNCTIONS OTHER THAN EDUCATION							
		Total	Local schools only	Total <sup>1</sup>	High- ways	Hospitals	Sanita- tion	Police protection	Local fire protection	Natural re- sources	General con- trol
U.S.	5,844,908	2,652,361	2,258,569	3,192,607	513,732	600,552	154,125	310,282	160,431	125,779	351,353
Ala.	93,318	43,880	36,743	40,438	12,201	9,174	2,566	3,851	1,773	2,891	4,363
Alaska	7,630	3,565	3,114	4,065	942	49	88	272	89	401	536
Ariz.	47,772	25,400	20,823	22,372	4,800	2,571	1,053	2,248	894	1,711	2,875
Ark.	49,492	26,317	22,245	23,175	5,878	4,113	835	1,726	958	1,068	2,519
Calif.	622,138	285,755	231,433	330,383	38,008	59,696	10,385	32,651	13,676	18,949	37,976
Colo.	65,910	33,012	26,304	32,898	6,043	6,252	807	2,723	1,320	1,440	5,180
Conn.	76,272	34,083	29,890	42,189	8,073	6,974	1,934	4,858	3,196	623	4,007
Del.	14,980	7,251	5,685	7,729	1,527	1,210	466	705	276	304	1,034
D.C.	26,800	7,098	7,098	19,202	1,295	2,572	2,321	2,002	1,185		1,210
Fla.	177,938	75,521	64,768	102,417	14,477	21,847	7,399	9,090	4,537	4,907	11,318
Ga.	121,180	58,774	50,424	62,406	12,179	15,043	4,172	5,116	2,742	3,566	5,690
Hawaii	21,684	8,501	6,992	13,133	1,851	1,882	668	1,067	662	853	1,893
Idaho	23,541	11,278	9,229	12,063	2,997	1,465	172	1,090	564	1,522	1,402
Ill.	293,881	129,558	112,332	164,323	19,314	28,639	9,508	20,367	9,427	3,070	17,742
Ind.	140,556	69,003	56,269	71,253	11,896	15,704	3,115	6,623	4,355	2,067	8,818
Iowa	91,828	47,064	39,262	44,764	9,737	8,940	1,560	3,221	1,828	1,705	5,498
Kans.	82,024	42,666	34,443	39,459	9,577	7,624	1,133	2,894	1,697	1,370	5,577
Ky.	78,726	40,489	35,209	38,237	9,387	9,920	1,596	3,720	1,699	2,898	4,088
La.	120,040	55,670	45,343	64,970	12,034	11,746	3,317	5,338	2,634	5,051	5,440
Maine	31,420	14,628	12,632	16,892	5,082	2,004	299	1,141	1,427	1,148	1,731
Md.	98,357	49,702	39,980	51,655	7,333	10,424	3,078	7,067	2,843	1,068	5,078
Mass.	175,115	85,250	54,697	116,869	15,480	25,174	3,371	11,444	11,348	1,410	10,541
Mich.	263,048	121,044	97,782	132,004	17,590	31,746	6,248	13,199	7,584	2,915	14,794
Minn.	113,098	55,183	45,924	53,455	10,875	12,307	1,558	3,978	2,254	3,296	7,008
Miss.	65,470	30,993	25,147	34,477	9,427	7,404	1,602	2,299	1,034	2,561	2,810
Mo.	122,960	56,707	50,928	66,253	10,626	15,382	2,103	7,759	3,566	2,148	7,668
Mont.	24,727	11,990	9,849	12,728	3,208	1,384	260	1,077	326	1,219	2,057
Nebr.	53,737	26,546	21,064	28,191	4,871	4,613	601	1,853	949	1,063	3,337
Nev.	12,320	4,896	4,286	7,424	1,515	1,276	112	870	358	445	1,055
N.H.	18,580	7,585	6,187	10,995	2,489	1,851	167	760	953	636	874
N.J.	178,685	77,074	71,265	101,611	12,798	19,216	5,258	14,320	6,550	2,034	11,714
N. Mex.	32,968	18,007	14,234	14,961	3,083	2,052	994	1,258	536	990	1,990
N.Y.	625,602	269,839	190,179	416,763	40,568	92,263	25,439	48,602	19,120	5,942	40,433
N.C.	123,598	60,991	58,404	61,607	11,231	12,084	3,507	5,384	2,450	3,758	6,805
N. Dak.	24,849	11,942	9,744	12,907	2,958	1,165	270	694	520	760	2,227
Ohio	292,582	136,841	119,379	155,741	25,474	27,448	8,828	13,756	11,159	3,013	18,013
Okl.	75,630	39,937	32,175	38,723	7,878	7,480	2,168	3,042	1,802	2,589	4,762
Oreg.	66,480	33,814	26,655	38,169	7,111	4,209	676	2,905	1,422	2,277	4,501
Pa.	292,155	128,068	117,258	164,087	30,657	24,432	7,969	20,124	6,709	4,041	22,165
R.I.	26,021	10,217	8,270	15,804	2,226	2,470	619	1,797	1,472	330	1,772
S.C.	65,845	34,650	29,761	31,195	6,451	7,651	1,858	2,875	906	2,344	3,025
S. Dak.	26,306	13,785	11,890	12,611	3,272	1,107	269	712	289	987	2,265
Tenn.	111,461	48,618	41,494	62,783	12,841	11,849	3,402	4,195	2,127	2,958	5,099
Tex.	307,732	157,234	135,445	150,498	20,327	24,071	9,353	13,719	8,495	7,184	15,728
Utah	31,012	17,782	13,317	13,230	2,816	1,706	366	1,122	539	952	1,755
Vt.	12,910	6,151	4,787	6,750	2,217	653	116	453	414	521	734
Va.	115,835	58,694	50,574	57,191	12,306	9,328	3,861	5,010	2,215	3,011	5,721
Wash.	105,846	51,226	42,281	54,620	9,097	7,304	1,216	4,081	2,476	3,113	5,745
W. Va.	54,540	28,550	24,153	25,984	7,230	4,601	890	1,851	780	1,506	3,635
Wis.	125,948	56,703	45,404	69,185	11,652	11,708	4,613	6,457	4,124	2,817	7,554
Wyo.	14,941	7,243	6,107	7,693	1,747	1,820	197	592	161	782	882

<sup>1</sup> Includes functions not shown separately.Source: Department of Commerce, Bureau of the Census; annual report, *State Distribution of Public Employment in 1961*.

# No. 567. EMPLOYMENT OF STATE AND LOCAL GOVERNMENTS IN RELATION TO POPULATION, FOR SELECTED FUNCTIONS, BY STATES: 1961

[For October. Number of employees (full-time equivalent) per 10,000 population]

STATE	All functions	EDUCATION			FUNCTIONS OTHER THAN EDUCATION							
		Total	Local schools		Total <sup>1</sup>	Highways	Health and hospitals	Sanitation	Police protection	Local fire protection	Natural resources	Local utilities
			Instructional personnel	Other								
U.S. ....	319	145	87	35	175	28	37	9	17	9	7	12
Alabama.....	283	133	86	26	150	37	31	8	12	5	0	9
Alaska.....	326	152	97	36	174	40	14	4	12	4	17	10
Arizona.....	343	183	104	46	161	35	21	8	16	6	12	13
Arkansas.....	275	146	87	37	129	33	28	4	10	5	11	6
California.....	370	174	94	48	205	23	41	7	20	8	12	20
Colorado.....	370	185	106	41	185	34	39	5	15	7	8	12
Connecticut.....	292	130	89	24	161	31	32	8	19	12	2	4
Delaware.....	327	158	88	36	169	33	33	10	15	6	7	7
Dist. of Col.....	346	93	69	24	252	17	46	30	38	16	-----	9
Florida.....	341	145	86	38	196	28	48	14	19	9	9	13
Georgia.....	304	147	91	35	157	31	44	11	13	7	9	8
Hawaii.....	330	129	90	17	201	28	38	10	16	10	13	11
Idaho.....	341	165	100	35	176	44	36	3	15	8	22	9
Illinois.....	286	126	78	32	160	19	31	9	20	9	3	19
Indiana.....	299	148	85	34	151	25	36	6	14	9	4	11
Iowa.....	330	169	96	45	161	35	34	6	12	7	6	7
Kansas.....	374	194	110	47	180	44	38	5	13	8	6	11
Kentucky.....	256	132	85	30	124	31	23	5	12	6	9	7
Louisiana.....	363	168	87	49	195	36	41	10	16	8	15	11
Maine.....	317	146	96	31	170	51	23	3	12	14	12	7
Maryland.....	309	140	86	40	162	23	39	10	22	9	3	7
Massachusetts.....	335	111	81	24	223	30	53	7	22	22	3	21
Michigan.....	319	153	87	36	166	22	44	8	17	10	4	10
Minnesota.....	328	159	92	41	169	31	38	5	11	6	9	9
Mississippi.....	296	140	81	33	156	43	38	8	10	5	12	7
Missouri.....	281	130	78	38	151	24	38	5	18	8	5	8
Montana.....	363	176	109	35	187	47	24	4	16	5	18	5
Nebraska.....	376	179	107	40	197	34	34	5	13	7	12	38
Nevada.....	412	164	110	33	248	51	48	4	29	11	15	5
New Hampshire.....	299	122	77	22	177	40	33	2	12	15	10	8
New Jersey.....	286	123	85	29	163	20	35	8	23	10	3	5
New Mexico.....	335	183	102	43	152	31	25	10	13	5	10	9
New York.....	367	123	82	29	244	24	60	15	26	11	3	26
North Carolina.....	279	145	93	34	134	24	30	8	12	5	8	6
North Dakota.....	388	187	102	50	202	46	22	5	11	8	12	5
Ohio.....	296	139	82	39	158	26	32	9	14	11	3	11
Oklahoma.....	333	169	93	44	164	33	35	9	13	8	11	9
Oregon.....	370	185	108	45	184	40	27	3	16	8	13	9
Pennsylvania.....	255	112	71	31	143	27	24	7	18	6	4	8
Rhode Island.....	300	118	72	23	182	26	33	7	21	17	4	6
South Carolina.....	274	144	92	32	130	27	35	7	12	4	10	6
South Dakota.....	383	200	116	55	183	47	18	4	10	4	14	8
Tennessee.....	308	134	82	33	174	36	38	10	12	6	8	27
Texas.....	314	161	97	41	154	30	29	10	14	9	7	13
Utah.....	239	194	102	43	144	31	24	3	12	6	10	8
Vermont.....	327	156	94	27	171	56	22	3	11	10	13	7
Virginia.....	286	145	89	36	141	30	28	9	12	5	7	5
Washington.....	365	177	103	43	188	31	29	4	14	9	11	27
West Virginia.....	295	154	95	35	140	39	38	5	10	4	9	4
Wisconsin.....	313	141	83	29	172	29	33	12	16	10	7	6
Wyoming.....	442	214	129	52	228	52	57	5	18	5	23	7

<sup>1</sup> Includes functions not shown separately.

Source: Department of Commerce, Bureau of the Census; annual report, *State Distribution of Public Employment in 1961*.

## No. 568. STATE AND LOCAL GOVERNMENT PAYROLLS, BY SELECTED FUNCTION, BY STATES: 1961

[In thousands of dollars. For October]

STATE	All functions	EDUCATION		FUNCTIONS OTHER THAN EDUCATION							
		Total	Local schools only	Total <sup>1</sup>	Highways	Hospitals	Sanitation	Police protection	Local fire protection	Natural resources	General control
U.S.....	2,419,889	1,204,611	1,012,240	1,215,278	191,172	185,628	56,892	133,006	74,062	50,771	139,439
Ala.....	20,538	15,407	12,907	14,127	3,301	1,891	634	1,336	656	821	1,440
Alaska.....	4,766	2,306	1,952	2,459	609	21	64	181	62	242	307
Ariz.....	21,206	12,241	10,159	8,065	2,012	707	380	956	411	814	1,150
Ark.....	14,789	8,443	6,846	6,347	1,552	838	200	551	320	630	778
Calif.....	317,109	150,477	118,486	166,632	20,141	23,588	4,766	18,403	8,191	0,871	19,362
Colo.....	26,931	14,437	11,108	12,405	2,320	1,971	314	1,147	618	671	1,895
Conn.....	35,447	18,356	16,112	17,091	3,340	2,531	721	2,132	1,415	292	1,983
Del.....	5,869	3,384	2,787	2,485	403	329	151	295	121	78	356
D.C.....	13,450	4,065	4,065	9,385	604	1,369	678	1,575	532	-----	687
Fla.....	64,953	31,525	26,930	33,429	4,486	5,447	2,110	3,750	1,882	1,696	4,260
Ga.....	37,567	19,675	16,598	17,892	3,383	3,366	994	1,761	974	1,105	2,023
Hawaii.....	9,995	3,973	3,179	6,022	765	730	291	540	357	446	998
Idaho.....	8,302	4,160	3,313	4,142	1,180	397	53	357	226	521	446
Ill.....	131,438	59,292	49,438	72,146	8,800	9,880	5,192	9,847	4,854	1,367	7,038
Ind.....	57,341	34,679	28,346	23,162	3,833	3,969	1,006	2,621	1,807	903	2,906
Iowa.....	34,753	19,564	14,948	15,189	3,582	2,525	531	1,202	731	761	1,894
Kans.....	29,287	16,679	13,211	12,608	3,160	2,031	341	904	658	451	1,706
Ky.....	27,263	15,419	13,309	11,844	2,862	1,417	470	1,298	613	907	1,331
La.....	41,684	21,813	17,748	19,872	3,475	2,633	873	1,855	936	1,851	1,834
Maine.....	10,370	5,056	4,312	5,314	1,392	580	85	395	478	431	557
Md.....	41,953	22,381	18,844	19,572	2,783	3,419	1,166	2,020	1,256	395	1,924
Mass.....	72,478	37,204	25,622	45,174	6,079	7,860	1,201	5,069	5,014	908	4,061
Mich.....	118,501	62,561	49,749	55,940	7,871	11,408	2,679	6,099	3,686	1,484	6,234
Minn.....	50,268	27,092	21,637	23,176	4,706	3,053	640	1,798	1,135	1,315	2,708
Miss.....	18,315	9,451	7,501	8,865	2,278	1,303	323	707	345	800	879
Mo.....	43,919	22,056	19,544	21,863	3,710	3,853	689	3,044	1,523	895	2,477
Mont.....	10,076	5,378	4,340	4,698	1,403	396	112	413	144	483	643
Nebr.....	18,597	9,202	7,442	9,395	1,610	1,205	224	657	398	619	982
Nev.....	5,617	2,427	2,051	3,190	701	433	46	382	177	238	452
N.H.....	6,668	2,992	2,236	3,677	924	522	48	234	326	245	312
N.J.....	83,361	42,820	39,539	40,542	4,999	6,440	1,958	6,940	3,122	908	4,837
N.Mex.....	12,473	7,493	5,877	4,980	1,085	473	258	476	226	352	608
N.Y.....	297,010	127,230	115,832	169,771	17,196	33,623	11,207	16,868	9,044	2,550	19,080
N.C.....	48,681	29,036	24,892	19,646	3,826	3,248	826	1,921	866	1,346	2,265
N.Dak.....	9,276	4,725	3,746	4,551	1,114	313	95	258	224	322	696
Ohio.....	119,178	59,626	51,413	59,553	9,637	8,463	3,491	6,196	5,335	1,246	7,205
Okla.....	26,787	15,389	11,998	11,398	2,259	1,636	603	1,026	642	847	1,573
Oreg.....	29,147	15,085	11,853	14,062	3,144	1,405	243	1,310	743	1,066	1,855
Pa.....	115,103	54,645	49,893	60,458	11,028	7,727	3,041	8,333	2,931	1,506	8,171
R.I.....	10,484	4,800	4,022	5,684	772	840	207	697	558	108	690
S.C.....	10,415	10,910	9,270	8,505	1,688	1,614	380	919	303	786	950
S.Dak.....	8,112	3,905	3,086	4,117	1,123	246	88	240	107	402	664
Tenn.....	35,007	16,979	14,522	18,023	3,161	2,429	791	1,440	856	916	1,739
Tex.....	112,233	63,035	53,298	49,198	9,713	5,760	2,784	5,228	3,465	2,322	6,772
Utah.....	12,166	7,439	5,644	4,727	1,041	437	122	439	232	386	642
Vt.....	4,796	2,388	1,825	2,409	751	218	42	150	145	216	252
Va.....	41,034	22,842	19,557	18,192	3,623	2,292	1,044	1,898	890	1,130	1,903
Wash.....	47,143	23,560	18,162	23,643	4,201	2,471	455	1,865	1,209	1,497	2,317
W.Va.....	18,529	11,089	9,395	7,440	2,019	1,058	244	828	293	459	888
Wis.....	55,236	26,751	21,071	23,484	4,723	3,875	1,963	2,965	2,012	1,167	3,215
Wyo.....	5,776	3,037	2,438	2,739	740	470	69	223	67	301	332

<sup>1</sup> Includes functions not shown separately.Source: Department of Commerce, Bureau of the Census; annual report, *State Distribution of Public Employment in 1961*.

## Payrolls

437

## No. 569. STATE AND LOCAL GOVERNMENT PAYROLLS, BY LEVEL OF GOVERNMENT, AND AVERAGE EARNINGS (FULL-TIME EMPLOYEES), BY STATES: 1961

[For October]

STATE	PAYROLLS, ALL EMPLOYEES						AVERAGE MONTHLY EARNINGS, FULL-TIME EMPLOYEES (dollars)		
	Amount (\$1,000)			Percent of total			All functions	Education	Other
	Total	State	Local	Total	State	Local			
United States.....	2, 419, 889	587, 156	1, 832, 733	100.0	24.3	75.7	415	458	390
Alabama.....	29, 533	8, 937	21, 496	100.0	27.2	72.8	318	387	285
Alaska.....	4, 765	2, 647	2, 118	100.0	55.5	44.5	624	949	603
Arizona.....	21, 206	5, 256	15, 950	100.0	24.8	75.2	447	491	490
Arkansas.....	14, 789	4, 047	9, 842	100.0	33.4	66.6	300	325	272
California.....	317, 109	73, 638	243, 471	100.0	23.2	76.8	519	529	495
Colorado.....	26, 931	7, 821	19, 111	100.0	29.0	71.0	408	440	378
Connecticut.....	35, 447	10, 554	24, 893	100.0	29.8	70.2	456	541	404
Delaware.....	5, 869	3, 050	2, 820	100.0	52.0	48.0	392	471	320
District of Columbia.....	13, 450		13, 450	100.0		100.0	512	578	498
Florida.....	64, 953	14, 212	50, 742	100.0	21.9	78.1	307	426	326
Georgia.....	37, 567	9, 706	27, 861	100.0	25.8	74.2	311	338	285
Hawaii.....	9, 095	6, 593	3, 402	100.0	66.0	34.0	460	466	456
Idaho.....	8, 302	2, 854	5, 448	100.0	34.4	65.6	358	376	342
Illinois.....	131, 438	26, 847	104, 591	100.0	20.4	79.6	446	456	438
Indiana.....	57, 841	13, 872	43, 969	100.0	24.0	76.0	408	495	324
Iowa.....	34, 753	10, 337	24, 415	100.0	29.7	70.3	378	415	338
Kansas.....	29, 287	8, 110	21, 168	100.0	27.7	72.3	359	397	319
Kentucky.....	27, 263	7, 712	19, 551	100.0	28.3	71.7	348	384	309
Louisiana.....	41, 684	14, 089	27, 595	100.0	33.8	66.2	346	394	305
Maine.....	10, 370	3, 635	6, 734	100.0	35.1	64.9	331	351	313
Maryland.....	41, 953	10, 784	31, 169	100.0	25.7	74.3	427	483	378
Massachusetts.....	72, 478	16, 368	56, 110	100.0	22.6	77.4	414	471	386
Michigan.....	118, 501	27, 337	91, 164	100.0	23.1	76.9	408	518	422
Minnesota.....	50, 268	13, 157	37, 111	100.0	26.2	73.8	442	491	395
Mississippi.....	18, 315	6, 248	13, 067	100.0	28.7	71.3	281	310	254
Missouri.....	43, 919	10, 082	33, 836	100.0	23.0	77.0	357	391	329
Montana.....	10, 075	3, 395	6, 681	100.0	33.7	66.3	410	454	369
Nebraska.....	18, 597	4, 543	14, 054	100.0	24.4	75.6	348	365	335
Nevada.....	5, 617	1, 677	3, 940	100.0	29.8	70.2	455	496	429
New Hampshire.....	6, 668	2, 584	4, 084	100.0	38.8	61.2	360	398	332
New Jersey.....	83, 361	14, 314	69, 047	100.0	17.2	82.8	467	558	397
New Mexico.....	12, 473	4, 100	8, 373	100.0	32.9	67.1	378	419	331
New York.....	297, 010	53, 173	243, 838	100.0	17.9	82.1	475	613	407
North Carolina.....	48, 681	13, 937	34, 745	100.0	28.6	71.4	356	441	315
North Dakota.....	9, 276	2, 710	6, 566	100.0	29.2	70.8	379	407	349
Ohio.....	119, 178	23, 518	95, 660	100.0	19.7	80.3	408	440	380
Oklahoma.....	26, 787	8, 328	18, 459	100.0	31.1	68.9	342	392	293
Oregon.....	29, 147	10, 180	18, 967	100.0	34.9	65.1	439	457	422
Pennsylvania.....	115, 103	32, 126	82, 977	100.0	27.9	72.1	395	430	367
Rhode Island.....	10, 484	3, 711	6, 773	100.0	35.4	64.6	402	472	359
South Carolina.....	19, 415	6, 096	13, 318	100.0	31.4	68.6	296	319	271
South Dakota.....	8, 112	2, 682	5, 430	100.0	33.1	66.9	349	370	325
Tennessee.....	35, 007	7, 238	27, 719	100.0	20.8	79.2	313	351	283
Texas.....	112, 233	23, 424	88, 808	100.0	20.9	79.1	365	404	326
Utah.....	12, 166	3, 955	8, 211	100.0	32.5	67.5	394	422	355
Vermont.....	4, 796	2, 118	2, 678	100.0	44.2	55.8	373	391	356
Virginia.....	41, 034	12, 498	28, 536	100.0	30.5	69.5	355	393	317
Washington.....	47, 143	13, 001	33, 242	100.0	29.5	70.5	446	460	433
West Virginia.....	18, 529	6, 194	12, 335	100.0	33.4	66.6	343	396	286
Wisconsin.....	55, 236	11, 905	43, 330	100.0	21.6	78.4	439	475	410
Wyoming.....	5, 775	1, 896	3, 880	100.0	32.8	67.2	387	421	355

Source: Department of Commerce, Bureau of the Census; annual report, *State Distribution of Public Employment in 1961*.

No. 570. EMPLOYMENT AND PAYROLLS OF CITIES OF OVER 50,000 INHABITANTS, BY  
FUNCTION AND BY POPULATION GROUP: 1961

[For October]

FUNCTION	Total <sup>1</sup>	1,000,000 or more	500,000 to 999,999 <sup>1</sup>	300,000 to 499,999	200,000 to 299,999	100,000 to 199,999	50,000 to 99,999
Number of cities.....	310	5	17	21	18	60	180
Population, 1960.....	63,463	17,484	11,611	8,282	4,265	9,309	12,612
<b>Employees.....</b>	<b>1,097,607</b>	<b>404,421</b>	<b>268,218</b>	<b>114,110</b>	<b>63,987</b>	<b>144,035</b>	<b>162,836</b>
Full-time.....	1,030,766	383,802	197,843	108,570	60,948	132,609	146,814
Part-time.....	66,841	20,619	10,375	5,540	3,039	11,336	16,022
<b>Full-time equivalent.....</b>	<b>1,048,465</b>	<b>388,770</b>	<b>200,493</b>	<b>110,524</b>	<b>61,744</b>	<b>135,806</b>	<b>151,110</b>
For common city functions.....	634,456	201,878	127,310	74,705	42,015	85,561	103,187
Highways.....	57,071	16,407	10,368	6,383	3,828	8,445	11,680
Police protection.....	147,879	67,142	29,947	14,879	8,077	17,010	20,824
Fire protection.....	99,606	24,996	19,443	12,547	7,246	15,912	19,422
Sanitation.....	91,295	30,609	10,482	11,941	7,260	11,050	13,353
Water supply.....	48,825	11,583	11,015	6,656	3,827	7,604	8,140
Financial administration.....	24,423	7,086	4,747	2,524	1,463	3,517	4,486
General control.....	34,440	14,162	6,717	2,930	1,781	8,470	5,410
Other.....	130,957	39,043	28,591	16,815	8,883	17,953	19,972
For variable city functions.....	414,009	187,101	73,183	35,819	19,729	50,245	47,032
City-operated schools.....	182,068	61,099	29,039	19,634	12,667	28,439	31,260
Other.....	231,941	126,002	44,144	16,185	7,162	21,806	16,042
<b>Monthly payrolls.....\$1,000..</b>	<b>478,005.4</b>	<b>195,484.7</b>	<b>91,399.1</b>	<b>48,761.9</b>	<b>25,197.5</b>	<b>54,733.2</b>	<b>62,429.0</b>
Full-time only.....	469,686.8	192,582.5	90,115.8	47,938.0	24,864.8	53,502.9	60,682.8
For common city functions.....	do.....	do.....	do.....	do.....	do.....	do.....	do.....
For variable city functions.....	277,345.4	101,017.9	56,734.0	30,996.7	16,128.6	32,553.9	30,914.3
do.....	do.....	do.....	do.....	do.....	do.....	do.....	do.....
City-operated schools.....	192,341.4	91,564.6	33,381.8	16,941.3	8,730.2	20,949.0	20,768.5
Other.....	96,663.1	36,168.0	15,034.8	10,275.5	6,204.6	13,596.9	15,293.3
Other.....	95,678.3	55,396.6	18,347.0	6,665.8	2,441.6	7,352.1	5,475.2
<b>Average monthly earnings of full-time employees:</b>							
For common city functions.....	\$444	\$503	\$450	\$423	\$388	\$390	\$398
For variable city functions.....	474	500	465	480	450	425	446
City-operated schools.....	552	631	537	532	511	489	503
Other.....	415	440	418	418	345	343	340
<b>Employees (full-time equivalent) per 10,000 population:</b>							
For common city functions.....	100.0	115.4	109.6	90.2	98.5	91.9	82.5
Highways.....	9.0	9.4	8.9	7.7	9.0	9.1	9.3
Police protection.....	23.3	32.7	25.8	18.0	18.9	18.3	16.6
Fire protection.....	15.7	14.3	16.7	15.1	17.0	17.1	15.6
Sanitation and water supply.....	22.1	24.1	23.7	22.4	26.0	20.7	17.2
Financial administration.....	3.8	4.4	4.1	3.0	3.4	3.8	3.6
General control.....	5.4	8.1	5.8	3.6	4.1	3.7	4.3
Other.....	20.6	22.3	24.0	20.3	20.1	19.3	16.0
For variable city functions.....	65.2	107.0	63.0	43.2	46.3	54.0	38.3
City-operated schools.....	28.7	34.9	25.0	23.7	29.5	30.6	25.0
Other.....	36.5	72.1	38.0	19.5	16.8	23.4	13.3

<sup>1</sup> Includes city of Honolulu.Source: Department of Commerce, Bureau of the Census; annual report, *City Employment in 1961*.



## Section 16

### Banking and Finance

#### MONEY AND BANKING

**Banking and monetary system.**—Banks in this country are organized under the laws of both the States and the Federal government. "National" banks, organized under Federal law passed in 1863, are supervised by the Comptroller of the Currency, and State-chartered banks are supervised by officials of the respective States. The Federal Reserve System was established in 1914 to exercise central banking functions, some of which are shared with the United States Treasury. The Reserve System includes national banks and such State banks as voluntarily join the System. The Federal Deposit Insurance Corporation, established in 1934, insures each deposit account up to \$10,000 in banks which are members of the Federal Reserve System and in such nonmember banks as join the insurance fund.

**Condition of banks.**—The Comptroller of the Currency, who has charge of the supervision of national banks, has collected condition reports since 1863 from these banks and since 1897 has tabulated and published summaries of their reports in detail in the *Abstract of Reports of National Banks* (now usually four times a year). The call report data are also summarized in the annual reports of the Comptroller.

After the Federal Reserve System was established in 1914, State bank members of the Federal Reserve System began to submit their statements of condition at the same time and in substantially the same form as national banks. These 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 Federal Reserve System, and published in the *Summary Report, Assets and Liabilities of Member Banks* (usually four times a year) and in summary form in the *Federal Reserve Bulletin*.

Beginning with 1947, an all-bank series has been tabulated twice a year by the Federal Deposit Insurance Corporation. A monthly series, based in part on the all-bank series, is prepared and published by the Board of Governors of the Federal Reserve System.

**Currency.**—Currency, including coin and paper money, represents a relatively small part of the total media of exchange in the United States, as most payments are made by check. All currency is now issued by the Federal Reserve Banks and the Treasury.

"Currency in circulation" or "money in circulation" (official *Treasury Circulation Statement*) refers to all coin and paper money outside the Treasury and Federal Reserve Banks, with the exception of 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 whether in current active use or held idle—also some currency which, strictly speaking, is not a part of the money supply in the hands of the public, that is, cash in vaults of commercial and savings banks, currency lost or destroyed, and currency carried abroad by travelers. Historical data on the stock of money and money in circulation may be found in the *Annual Report of the Secretary of the Treasury*.

**Government credit agencies.**—Government corporations and credit agencies, operating under mandates and powers given them by the Congress, 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.

Statistics on the assets and liabilities of Government credit agencies are published quarterly in the *Treasury Bulletin*. Statistics relating to the operations of Government credit agencies are also available in reports of the individual agencies.

**Private credit agencies other than banks.**—In addition to commercial banks, savings banks, and Government credit agencies, there are a considerable number of other types of credit agencies in the United States. The most important of these are savings and loan associations, insurance companies, finance companies dealing primarily in installment sales financing, credit unions, and personal loan companies. Statistics of savings and loan associations are collected by the Home Loan Bank Board. Statistics on loans, investments, cash, etc., of life insurance companies are collected and published principally by *The Spectator*, which also publishes data on other types of insurance. Federal credit unions are under the supervision of the Bureau of Federal Credit Unions of the Department of Health, Education, and Welfare. Consumer credit data are published currently in the *Federal Reserve Bulletin*.

#### SECURITIES MARKETS

**New issues and retirement of securities.**—Statistical information on new security issues has been provided for many years by the *Journal of Commerce* (since 1906) and the *Commercial and Financial Chronicle* (1919–1957). The statistics of the *Commercial and Financial Chronicle* include, in addition to domestic and foreign corporate issues and State and local government securities, the issues of independent agencies of the United States Government, and of foreign governments and their subdivisions.

A more comprehensive series of new issues with detailed information on the intended uses of net and gross proceeds has been compiled by the Securities and Exchange Commission on a monthly basis since 1934. The data cover 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. (See tables 623 and 624.) This series is published monthly in the *Statistical Bulletin* of the Securities and Exchange Commission, the *Federal Reserve Bulletin*, and the *Survey of Current Business*.

In addition, the Commission has been compiling statistics since 1933 on changes in security holdings of institutional groups and individuals, and net change in outstanding corporate securities through cash transactions. The latter data are published in the Commission's *Statistical Bulletin* and also in the *Federal Reserve Bulletin*.

**Trading in securities.**—(See tables 612, 614, 616.) Monthly figures on the total value and volume of securities sold on each of the national securities exchanges have been published since October 1934 by the Securities and Exchange Commission. These figures include all sales effected on exchanges except, since March 1944, United States Government issues. They cover odd lots as well as round lots. The Commission also publishes figures on the total daily round-lot volume of trading in stocks on the New York Stock Exchange and the American Stock Exchange, showing short sales and several categories of member and nonmember purchases and sales. Daily odd-lot purchases and sales are reported separately.

**Security price averages.**—Among the most widely known indexes of security prices are the Dow-Jones averages, which provide a continuous series of common stock prices on a daily basis since 1897. This series is now based on 65 common stocks divided into 30 industrial, 20 railroad, and 15 public utility stocks. Indexes of the Standard and Poor's Corporation, available since 1918, are now based on daily closing prices of 500 stocks. (See table 620.) The Securities and Exchange Commission compiles an index of weekly closing prices of 300 stocks listed on the New York Stock Exchange, comprising 32 industry groups. These indexes are published in the Commission's *Statistical Bulletin*, the Council of Economic Advisers' *Economic Indicators*, and the *Federal Reserve Bulletin*.

## INSURANCE

**Insurance statistics.**—The regulation of insurance is in the hands of the various States and the District of Columbia, which collect a great deal of primary information on insurance. The Federal Government does not collect comprehensive statistics on insurance on a national basis. Basic theories and practice are parallel throughout insurance but application of theory and details of practice, including vocabulary, differ enormously by class of insurance and by class of insurer. Sound combination or comparison of figures is often difficult or impossible.

There are a number of published sources for statistics of 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 collect data and publish many studies and reports for these classes. A sourcebook of statistics on life insurance, the *Life Insurance Fact Book*, is published annually by the Institute of Life Insurance. Health insurance data are published by the Health Insurance Council in the annual report, *The Extent of Voluntary Health Insurance in the United States*, and by the Health Insurance Institute in its annual *Source Book of Health Insurance Data*. Another source of insurance statistics is represented by the commercial publishers, such as *The Spectator* and the Alfred M. Best Company. The *Spectator Insurance Year Book*, published annually, contains financial data for individual companies, and the aggregates of each item. The annual *Spectator Health Insurance Index* (formerly *Accident Insurance Register*) contains financial and operating data for individual health and accident insurance companies, including Blue Cross and Blue Shield Plans. *Spectator's* annual publication *Insurance by States of Fire, Marine, Casualty, Surety and Miscellaneous Lines*, gives less detailed data for other classes of insurance. *Best's Life Insurance Reports* and *Best's Insurance Reports*, fire and casualty edition, both annual publications, give individual company data for all types of life and fire and casualty insurance companies.

**Types of insurance.**—Insurance was formerly classified into three categories—life, fire and marine, and casualty. With the introduction of multiple-line underwriting, insuring companies are now classified as either life or property. Companies which underwrite accident and health insurance only are included with life insurance companies; those which underwrite accident and health insurance in addition to one or more property lines are included with property insurance companies. 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 and/or surplus.

**Alaska and Hawaii.**—For a general statement concerning the treatment of data for Alaska and Hawaii, see preface. "Conterminous area" refers to the United States excluding Alaska, Hawaii, and outlying areas.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics, Colonial Times to 1957*, series X 266-274") provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

FIG. XXV. PRINCIPAL ASSETS OF ALL COMMERCIAL BANKS: 1914 TO 1961

[As of end of June 1914 to 1922; end of June and December thereafter. See table 578]

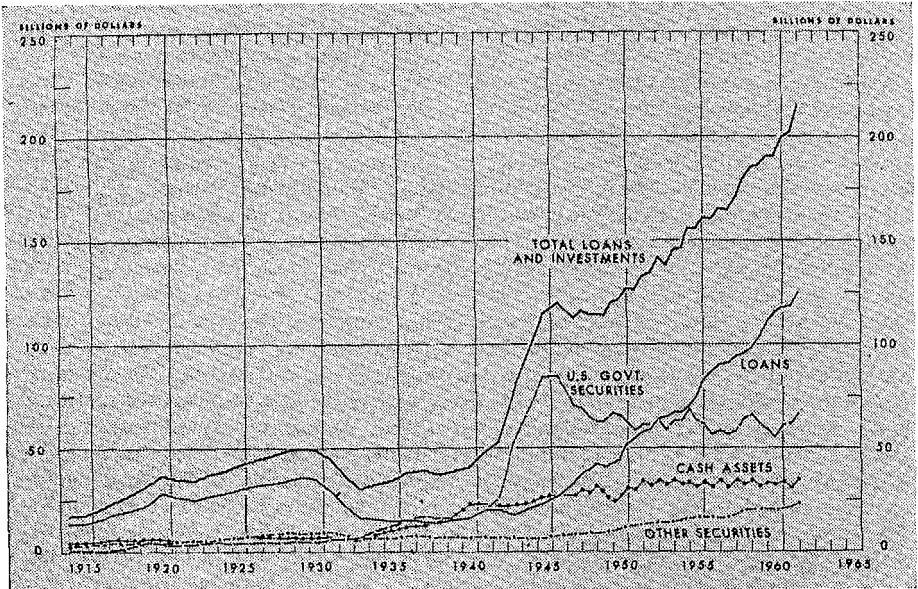
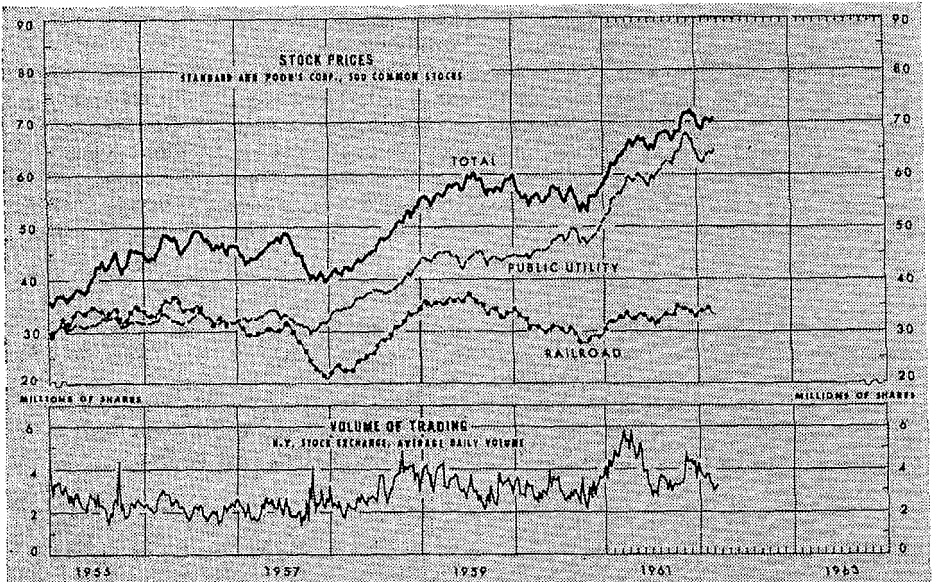


FIG. XXVI. STOCK PRICES: 1955 TO 1962

[1941-43=10. Indexes based on daily closing prices. See table 620]



Source of figs. XXV and XXVI; Board of Governors of the Federal Reserve System.

# No. 571. BANKS AND THE MONETARY SYSTEM—CONSOLIDATED CONDITION STATEMENT: 1929 TO 1962

[In millions of dollars. Beginning 1960, includes Alaska and Hawaii. Figures partly estimated. Comprises all commercial and savings banks, Federal Reserve Banks, Postal Savings System, and Treasury currency funds. Treasury funds included are the gold account, Treasury currency account, and Exchange Stabilization Fund. See also *Historical Statistics, Colonial Times to 1957*, series X 266-274, for deposits and currency, end of June]

ITEM	1929 (June 29)	1939 (Dec. 30)	1945 (Dec. 31)	1950 (Dec. 30)	1955 (Dec. 31)	1960 (Dec. 31)	1961 (Dec. 30)	1962 (Mar. 28, prel.)
<b>Total assets or liabilities, net.....</b>	<b>64,698</b>	<b>75,171</b>	<b>191,785</b>	<b>199,009</b>	<b>244,135</b>	<b>239,947</b>	<b>308,466</b>	<b>307,000</b>
<b>ASSETS</b>								
Gold.....	4,037	17,644	20,065	22,706	21,690	17,767	16,889	16,600
Treasury currency outstanding.....	2,019	2,963	4,339	4,636	5,008	5,398	5,585	5,600
Bank credit, total.....	58,642	54,564	167,381	171,667	217,437	266,782	285,992	284,890
Loans, net.....	41,082	22,187	30,387	60,386	100,031	144,704	154,017	153,300
U.S. Government obligations, total.....	5,741	23,106	128,417	96,860	96,736	95,461	102,308	100,400
Commercial and savings banks.....	5,499	19,417	101,288	72,894	70,052	67,242	72,715	71,000
Federal Reserve Banks.....	210	2,484	24,262	20,778	24,785	27,384	28,891	28,800
Other.....	26	1,204	2,867	2,888	1,899	885	712	700
Other securities.....	11,819	9,302	8,577	14,741	20,670	26,617	29,667	31,100
<b>LIABILITIES AND CAPITAL</b>								
Capital and miscellaneous accounts, net.....	8,922	6,812	10,979	14,624	19,193	26,783	28,070	28,900
Deposits and currency, total.....	55,776	68,359	180,806	184,384	224,943	263,165	280,397	278,100
Foreign bank deposits, net <sup>1</sup> .....	365	1,217	2,141	2,618	3,167	3,184	1,497	1,300
U.S. Government balances:								
Treasury cash holdings.....	204	2,409	2,287	1,293	767	377	422	400
At commercial and savings banks.....	381	846	24,008	2,989	4,038	6,193	6,210	6,500
At Federal Reserve Banks.....	36	634	977	668	394	486	465	500
Deposits adjusted and currency.....	54,790	63,254	150,793	176,916	216,577	252,926	271,794	269,400
Demand deposits <sup>2</sup> .....	22,540	29,793	75,851	92,272	109,914	115,102	120,525	113,000
Time deposits <sup>3</sup> .....	28,611	27,059	48,452	59,247	78,378	108,468	121,216	127,600
Commercial banks.....	19,587	15,258	30,135	36,314	48,359	71,380	82,145	87,700
Mutual savings banks <sup>4</sup> .....	8,905	10,523	15,385	20,009	28,129	36,318	38,420	39,200
Postal Savings System.....	149	1,278	2,932	2,923	1,800	770	651	600
Currency outside banks.....	3,639	6,401	26,490	25,398	28,285	29,356	30,053	28,900

<sup>1</sup> Beginning May 1961, reclassification of deposits of foreign central banks reduced this item by \$1,900 million (\$1,500 million to time deposits adjusted and \$400 million to demand deposits adjusted).

<sup>2</sup> Deposits other than interbank and U.S. Government, less cash items reported in process of collection.

<sup>3</sup> Excludes interbank time deposits; U.S. Treasurer's time deposits, open account; and deposits of Postal Savings System in banks.

<sup>4</sup> Prior to 1950, includes a relatively small amount of demand deposits. Beginning June 1961, includes amounts now reported by insured mutual savings banks as demand deposits; formerly, before passage of the recent amendment of the F.D.I. Act, reported as time deposits or other liabilities.

Source: Board of Governors of the Federal Reserve System; published currently in *Federal Reserve Bulletin*.

## No. 572. MONEY STOCK AND MONEY IN CIRCULATION: 1940 TO 1961

[In millions of dollars, except per capita. Per capita figures based on Bureau of the Census estimated population as of July 1 or Dec. 31; beginning June 30, 1959, population figures include Alaska, and beginning Dec. 31, 1959, Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series X 281-284]

DATE	Stock of money in United States <sup>1</sup>	MONEY HELD IN TREASURY					MONEY OUTSIDE TREASURY		
		Total	In trust against gold and silver certificates <sup>2</sup>	Gold reserve against United States notes <sup>2</sup>	Held for Federal Reserve Banks and agents <sup>3</sup>	All other money	Held by Federal Reserve Banks and agents	In circulation <sup>4</sup>	
								Amount	Per capita
June 30:									
1940-----	28,458	21,837	10,651	156	14,039	2,030	3,486	7,848	\$59.40
1945-----	48,009	22,202	19,924	156	15,239	2,122	3,746	26,746	191.61
1950-----	52,440	26,646	25,349	156	20,167	1,142	3,820	27,156	179.03
1955-----	53,309	24,251	23,439	156	18,178	656	4,089	30,229	182.91
1957-----	55,363	25,147	24,389	156	19,129	602	4,394	31,082	181.52
1958-----	54,058	23,912	23,220	156	17,951	536	4,243	31,172	179.08
1959-----	53,280	22,257	21,863	156	16,601	238	4,351	31,914	180.20
1960-----	53,071	21,850	21,455	156	16,215	239	4,398	32,065	177.48
1961-----	51,947	20,041	19,662	156	14,440	223	4,724	32,405	176.44
Dec. 31:									
1860-----	52,895	20,277	19,900	156	14,663	221	4,985	32,869	180.36
1961-----	53,037	19,374	18,952	156	13,799	266	4,928	33,018	183.13

<sup>1</sup> Excludes gold and silver certificates and Treasury notes of 1890 outside Treasury. Excludes amount (gold certificates) held for Federal Reserve Banks and agents. These items are excluded since gold and silver held as security against them are included.

<sup>2</sup> Includes reserve against Treasury notes of 1890.

<sup>3</sup> Gold certificates. Excluded from total since gold held as security against them is included in column "In trust against gold and silver certificates."

<sup>4</sup> Includes paper currency held outside United States.

Source: Treasury Department; *Annual Report of the Secretary and Circulation Statement of United States Money*, published monthly.

**No. 573. MONEY STOCK AND MONEY IN CIRCULATION, BY KIND: 1940 TO 1961**  
 [In millions of dollars. As of June 30. See also *Historical Statistics, Colonial Times to 1957*, series X 281 and X 284-295]

KIND	1940	1950	1955	1957	1958	1959	1960	1961
<b>Money stock <sup>1</sup></b>	<b>28,458</b>	<b>52,440</b>	<b>53,309</b>	<b>55,363</b>	<b>54,058</b>	<b>53,260</b>	<b>53,071</b>	<b>51,947</b>
Gold coin and bullion <sup>2</sup>	10,903	24,231	21,678	22,023	21,356	19,705	19,322	17,550
Silver bullion	1,353	2,023	2,187	2,209	2,228	2,251	2,252	2,252
Silver dollars	547	493	400	488	488	488	488	488
Subsidiary silver	402	1,002	1,296	1,382	1,449	1,497	1,552	1,609
United States notes	347	347	347	347	347	347	347	347
Minor coin	174	378	450	485	510	527	559	594
Federal Reserve notes	5,482	23,603	26,629	27,633	27,498	28,276	28,394	28,900
Federal Reserve Bank notes	23	277	164	134	122	112	101	93
National bank notes	167	88	67	62	60	58	56	54
<b>Money in circulation <sup>3</sup></b>	<b>7,848</b>	<b>27,156</b>	<b>30,229</b>	<b>31,082</b>	<b>31,172</b>	<b>31,914</b>	<b>32,065</b>	<b>32,405</b>
Gold certificates	67	41	34	33	32	31	30	30
Silver dollars	46	170	223	253	268	285	305	320
Silver certificates	1,582	2,177	2,170	2,162	2,200	2,155	2,127	2,094
Treasury notes of 1890	1	1	1	1	1	1	1	1
Subsidiary silver	384	965	1,202	1,315	1,346	1,415	1,484	1,548
Minor coin	169	361	433	474	487	514	549	585
United States notes	248	321	319	321	317	316	318	318
Federal Reserve notes	5,163	22,760	25,618	26,329	26,342	27,029	27,094	27,353
Federal Reserve Bank notes	22	274	163	133	120	110	100	92
National bank notes	165	86	67	62	59	57	56	54

<sup>1</sup> Totals involve duplication to extent that United States notes and Federal Reserve notes, included in full, are in part secured by gold, also included in full. Gold certificates, silver certificates, and Treasury notes of 1890 excluded, since they are complete duplications of equal amounts of gold or silver held as security therefor and included in totals.

<sup>2</sup> Value of gold based on \$35 per fine ounce.

<sup>3</sup> Includes paper currency held outside United States.

Source: Treasury Department; *Annual Report of the Secretary and Circulation Statement of United States Money*, published monthly.

**No. 574. DEMAND DEPOSIT ACCOUNTS—BANK DEBITS AND DEPOSIT TURNOVER: 1945 to 1962**

[Excludes Alaska and Hawaii. Data partly estimated for 1945 and 1950 and comprise only debits or charges to demand deposit accounts of individuals, partnerships, and corporations, and of State and local governments, and payments from trust funds on deposit in the banking department. Excludes debits to U.S. Government deposit accounts, debits to time deposit accounts, and payments of certified and officers' checks, payments in settlement of clearing house balances, charges to expense and miscellaneous accounts, corrections and similar charges, and debits to the accounts of banks, that is, to interbank accounts. See also *Historical Statistics, Colonial Times to 1957*, series X 216-225, for related but not comparable data]

YEAR	DEBITS TO DEMAND DEPOSIT ACCOUNTS (\$1,000,000)				ANNUAL RATE OF TURNOVER OF DEMAND DEPOSITS		
	All reporting centers	Leading centers		337 other centers <sup>2</sup>	Leading centers		337 other centers <sup>2</sup>
		New York	6 other centers <sup>1</sup>		New York	6 other centers <sup>1</sup>	
1945	924,464	382,760	200,202	341,502	24.1	17.5	13.5
1950	1,380,112	509,340	298,564	572,208	31.1	22.6	17.2
1955	2,043,548	766,890	431,651	845,007	42.7	27.3	20.4
1956	2,200,643	815,856	462,859	921,028	45.8	28.8	21.8
1957	2,356,768	888,455	489,311	979,002	49.5	30.4	23.0
1958	2,439,754	958,721	487,432	993,600	53.6	30.0	22.9
1959	2,679,167	1,023,605	545,258	1,110,304	56.4	32.5	24.5
1960	2,838,754	1,102,850	577,606	1,158,298	60.0	34.8	25.7
1961	3,111,136	1,278,843	622,671	1,209,621	70.0	36.8	26.1
March	265,442	110,455	53,354	101,633	69.0	38.1	26.1
1962, March	293,322	124,676	59,734	108,912	80.5	43.2	27.7

<sup>1</sup> Boston, Philadelphia, Chicago, Detroit, San Francisco, and Los Angeles.

<sup>2</sup> Prior to April 1955, 338 centers.

Source: Board of Governors of the Federal Reserve System; annual and current reports on bank debits and *Federal Reserve Bulletin*.

## No. 575. ALL ACTIVE BANKS—ASSETS AND LIABILITIES: 1950 TO 1960

[Money figures in millions of dollars, except per capita. As of December 31. Includes Alaska, Hawaii, Puerto Rico, Virgin Islands, Canal Zone, Guam, and American Samoa. See also *Historical Statistics, Colonial Times to 1957*, series X 20-41, for related but not comparable data]

ITEM	1950	1955	1957	1958	1959	1960
Number of banks.....	14,666	14,205	14,103	14,034	13,984	13,971
<b>Assets.....</b>	<b>192,241</b>	<b>243,105</b>	<b>259,188</b>	<b>277,880</b>	<b>284,358</b>	<b>298,933</b>
Loans and discounts, total.....	60,711	100,575	115,760	122,287	136,410	145,255
Real estate loans.....	21,926	38,461	44,506	48,786	53,137	55,741
On farm land (including improvements).....	1,013	1,355	1,425	1,523	1,642	1,701
On residential properties (other than farm).....	17,485	31,455	36,157	39,526	42,807	44,668
On other properties.....	3,428	5,650	6,924	7,737	8,688	9,372
Commercial and industrial loans (including open-market paper).....	22,068	33,456	40,825	40,771	40,490	43,463
Loans to farmers.....	2,927	4,495	4,087	4,093	5,030	5,690
Loans to brokers and dealers in securities.....	1,802	3,293	2,601	2,832	4,877	5,127
Loans to financial institutions:						
Domestic commercial and foreign banks.....	90	575	731	723	825	971
Other.....					7,132	7,131
Other loans to individuals.....	10,243	17,493	20,512	21,034	24,500	26,781
All other loans, including overdrafts.....	2,584	4,406	4,499	5,336	2,812	2,911
Less valuation reserves.....	927	1,484	2,000	2,188	2,402	2,590
Securities, total.....	88,005	91,064	89,118	100,325	92,013	94,017
U. S. Government obligations, direct and guaranteed.....	73,188	70,310	66,066	73,935	65,882	67,343
Obligations of States and political subdivisions.....	8,240	13,306	14,670	17,311	17,715	18,281
Other bonds, notes, and debentures.....	6,011	6,234	7,092	7,661	7,015	6,937
Corporate stocks, including stocks of Federal Reserve banks.....	557	1,124	1,200	1,418	1,401	1,456
Currency and coin.....	2,343	2,873	3,533	3,452	3,170	3,513
Balances with other banks, including reserve balances and cash items in process of collection.....	38,893	45,106	46,006	46,695	47,192	49,992
Bank premises owned, furniture and fixtures.....	1,241	1,898	2,330	2,578	2,884	3,108
Real estate owned other than bank premises.....	33	47	63	66	83	90
Investments and other assets indirectly representing bank premises or other real estate.....	103	124	175	204	218	305
Customers' liability on acceptances outstanding.....	235	441	1,004	808	776	1,428
Other assets.....	677	977	1,190	1,405	1,612	1,616
<b>Liabilities.....</b>	<b>178,325</b>	<b>224,895</b>	<b>238,651</b>	<b>256,058</b>	<b>261,385</b>	<b>274,330</b>
Deposits, total.....	176,120	221,392	234,178	251,332	255,497	266,885
Deposits of individuals, partnerships, and corporations:						
Demand.....	91,314	109,435	110,139	115,664	116,460	117,370
Per capita.....	585.18	644.38	625.96	640.81	640.82	635.20
Time.....	55,203	74,444	85,403	94,012	97,883	103,384
Per capita.....	353.77	438.35	485.38	525.73	538.61	559.51
U. S. Government and postal savings deposits.....	3,069	4,161	4,293	4,696	5,372	6,241
Deposits of States and political subdivisions.....	9,540	12,768	13,655	14,722	14,749	16,370
Deposits of banks.....	14,050	16,661	17,047	18,204	17,104	18,899
Other deposits (certified and cashiers' checks, etc.).....	2,938	3,923	3,641	4,064	3,929	4,620
Bills payable, rediscounts, and other liabilities for borrowed money.....	95	174	98	96	649	184
Acceptances executed by or for account of reporting banks and outstanding.....	270	472	1,048	907	829	1,473
Other liabilities.....	1,840	2,857	3,327	3,723	4,410	5,788
<b>Capital accounts.....</b>	<b>13,916</b>	<b>18,210</b>	<b>20,537</b>	<b>21,822</b>	<b>22,973</b>	<b>24,603</b>
Capital notes and debentures.....	47	51	49	58	56	53
Preferred stock.....	62	20	18	10	17	15
Common stock.....	3,561	4,636	5,241	5,491	5,933	6,284
Surplus.....	6,854	9,327	10,547	11,207	11,760	12,510
Undivided profits.....	2,809	3,541	4,010	4,258	4,409	4,890
Reserves and retirement account for preferred stock and capital notes and debentures.....	593	635	672	789	738	845
<b>Percent of total assets:</b>						
Cash and balances with other banks.....	21.5	19.7	19.1	18.0	17.7	17.8
U. S. Government obligations, direct and guaranteed.....	38.1	28.9	25.5	26.6	23.2	22.5
Other securities.....	7.7	8.0	8.9	9.5	9.2	8.9
Loans and discounts.....	31.6	41.4	44.7	44.0	48.0	48.6
Other assets.....	1.2	1.4	1.8	1.8	2.0	2.2
Total capital accounts.....	7.2	7.5	7.9	7.9	8.1	8.2

1 Prior to 1959, included in commercial and industrial loans and all other loans.

Source: Treasury Department, Comptroller of the Currency; *Annual Report*, and records.

# No. 576. ALL ACTIVE BANKS—PRINCIPAL ASSETS AND LIABILITIES, BY CLASS OF BANKS: 1945 TO 1960

[Money figures in millions of dollars. As of December 31. Includes banks in Alaska, Hawaii, Puerto Rico, Virgin Islands, Canal Zone, and American Samoa. Figures for mutual savings banks include a few stock savings banks in some years. Statistics for private banks cover only banks under State supervision and those voluntarily reporting. See also *Historical Statistics, Colonial Times to 1957*, series X 20-96, for related but not comparable data]

CLASS OF BANK AND YEAR	Number of banks	Total assets or liabilities	SELECTED ASSETS			SELECTED LIABILITIES		
			Loans and discounts, including overdrafts	U.S. Govt. and other securities	Cash and balances with other banks <sup>1 2</sup>	Capital stock	Surplus, undivided profits, and reserve	Total deposits <sup>1</sup>
<b>All banks:</b>								
1945.....	14, 598	178, 351	30, 467	110, 516	35, 615	3, 187	7, 424	169, 530
1950.....	14, 666	192, 241	60, 711	88, 005	41, 236	3, 670	10, 240	176, 120
1955.....	14, 265	243, 105	100, 575	91, 064	47, 979	4, 707	13, 503	221, 392
1956.....	14, 188	251, 965	110, 632	87, 352	49, 837	5, 008	14, 343	228, 579
1957.....	14, 103	259, 188	115, 760	89, 118	49, 539	5, 308	15, 228	234, 178
1958.....	14, 034	277, 880	122, 288	100, 325	50, 147	5, 568	16, 254	251, 332
1959.....	13, 984	284, 358	136, 410	102, 013	50, 362	6, 006	16, 968	255, 497
1960.....	13, 971	298, 933	145, 255	94, 017	53, 105	6, 352	18, 251	260, 885
<b>National banks:</b>								
1945.....	5, 023	90, 536	13, 948	55, 612	20, 179	1, 659	2, 997	85, 243
1950.....	4, 965	97, 240	29, 278	43, 023	23, 813	2, 002	4, 327	89, 530
1955.....	4, 700	113, 750	43, 560	42, 857	25, 763	2, 473	5, 463	104, 218
1956.....	4, 659	117, 702	48, 248	40, 503	27, 083	2, 638	5, 834	107, 495
1957.....	4, 627	120, 523	50, 502	40, 982	26, 865	2, 806	6, 287	109, 436
1958.....	4, 585	128, 797	52, 796	46, 788	26, 865	2, 951	6, 718	117, 086
1959.....	4, 542	132, 636	59, 962	42, 653	27, 464	3, 170	7, 132	119, 638
1960.....	4, 530	139, 261	63, 694	43, 852	28, 675	3, 343	7, 755	124, 911
<b>State (commercial) banks: <sup>3</sup></b>								
1945.....	9, 003	70, 555	12, 185	42, 855	14, 773	1, 518	2, 826	65, 695
1950.....	9, 081	72, 216	23, 179	31, 611	16, 526	1, 658	3, 652	66, 222
1955.....	8, 963	97, 705	39, 443	35, 611	21, 163	2, 229	5, 202	88, 676
1956.....	8, 929	100, 569	42, 486	34, 543	21, 734	2, 364	5, 536	90, 739
1957.....	8, 885	103, 144	43, 023	35, 431	21, 711	2, 406	5, 855	92, 761
1958.....	8, 866	110, 920	46, 017	40, 410	22, 277	2, 611	6, 289	99, 882
1959.....	8, 855	112, 400	51, 195	36, 790	21, 974	2, 829	6, 451	100, 566
1960.....	8, 865	118, 715	54, 305	38, 041	23, 466	3, 001	6, 919	105, 310
<b>Mutual savings banks:</b>								
1945.....	534	16, 987	4, 272	11, 905	608	5	1, 585	15, 355
1950.....	529	22, 385	8, 137	13, 209	797	5	2, 242	20, 031
1955.....	528	31, 274	17, 457	12, 442	965	-----	2, 812	28, 187
1956.....	528	33, 311	19, 777	12, 163	921	-----	2, 947	30, 032
1957.....	523	35, 168	21, 217	12, 565	890	-----	3, 059	31, 695
1958.....	520	37, 779	23, 357	12, 963	921	-----	3, 219	34, 040
1959.....	518	38, 943	25, 126	12, 435	829	-----	3, 359	34, 983
1960.....	515	40, 674	27, 122	11, 992	872	(4)	3, 553	36, 353
<b>Private banks:</b>								
1945.....	38	273	62	144	56	6	17	238
1950.....	91	400	118	162	99	5	25	337
1955.....	74	376	116	153	87	6	26	311
1956.....	72	384	120	142	100	6	26	313
1957.....	68	353	118	140	73	6	27	286
1958.....	63	384	117	163	84	6	28	323
1959.....	69	379	127	135	94	7	25	310
1960.....	61	383	134	132	92	8	24	311

<sup>1</sup> Reciprocal interbank demand balances with banks in U.S. are reported net.

<sup>2</sup> Includes reserve balances and cash items in process of collection.

<sup>3</sup> Includes loan and trust companies and, with some exceptions (see headnote), stock savings banks.

<sup>4</sup> Less than \$500,000.

Source: Treasury Department, Comptroller of the Currency; *Annual Report*.



## No. 577. ALL ACTIVE BANKS—SUMMARY OF ASSETS AND LIABILITIES, BY STATES AND OTHER AREAS: 1960

[Money figures in millions of dollars. As of December 31]

STATE OR OTHER AREA	Number of banks	Total assets or liabilities	SELECTED ASSETS				SELECTED LIABILITIES			
			Loans and discounts, including overdrafts	U.S. Govt. and other securities	Cash and balances with other banks <sup>1</sup>	Capital, surplus, undivided profits and reserves <sup>2</sup>	Deposits			
							Total	Demand	Time (incl. postal sav-ings)	
Total .....	13,971	298,933	145,255	94,017	53,105	24,603	266,885	156,823	110,062	
United States .....	13,957	298,105	144,756	93,850	53,019	24,538	266,177	156,430	109,747	
Alabama.....	238	2,350	985	843	484	106	2,121	1,507	614	
Alaska.....	13	225	93	90	37	14	210	121	89	
Arizona.....	10	1,418	760	338	270	108	1,273	838	434	
Arkansas.....	237	1,419	560	498	341	119	1,292	975	317	
California.....	117	26,893	14,079	7,541	4,500	1,753	24,338	12,954	11,385	
Colorado.....	189	2,228	1,045	653	492	172	2,023	1,420	603	
Connecticut.....	141	5,516	3,113	1,745	583	483	4,906	1,772	3,134	
Delaware.....	22	1,007	421	413	155	100	867	553	314	
Dist. of Columbia.....	12	1,679	773	522	350	121	1,532	1,155	377	
Florida.....	309	5,375	2,014	1,090	1,243	415	4,882	3,486	1,396	
Georgia.....	402	3,206	1,518	930	783	288	2,940	2,160	780	
Hawaii.....	12	809	410	252	122	69	726	389	337	
Idaho.....	32	708	335	250	110	50	649	412	237	
Illinois.....	966	19,397	8,174	7,293	3,672	1,573	17,502	11,940	5,561	
Indiana.....	447	5,324	2,145	2,079	1,025	415	4,811	3,180	1,631	
Iowa.....	671	3,460	1,572	1,199	656	312	3,132	2,178	954	
Kansas.....	587	2,601	1,076	1,030	523	231	2,412	1,781	570	
Kentucky.....	355	2,556	1,084	866	578	228	2,301	1,840	521	
Louisiana.....	190	3,255	1,263	1,136	802	256	2,965	2,249	716	
Maine.....	79	1,220	628	448	123	120	1,078	364	714	
Maryland.....	139	3,378	1,505	1,250	532	276	3,051	1,745	1,306	
Massachusetts.....	356	12,872	7,025	4,167	1,466	1,248	11,286	4,665	6,021	
Michigan.....	380	9,739	4,349	3,693	1,533	721	8,865	4,722	4,134	
Minnesota.....	600	4,983	2,343	1,619	937	407	4,509	2,688	1,821	
Mississippi.....	193	1,482	567	565	324	108	1,361	1,024	337	
Missouri.....	626	6,823	2,875	2,286	1,584	573	6,169	4,734	1,434	
Montana.....	121	907	377	353	160	63	829	558	271	
Nebraska.....	426	1,869	835	605	408	168	1,678	1,445	234	
Nevada.....	7	482	252	162	56	30	441	248	193	
New Hampshire.....	107	1,094	630	346	92	114	956	256	701	
New Jersey.....	274	9,467	4,530	3,535	1,242	689	8,578	4,072	4,507	
New Mexico.....	55	776	321	273	168	64	713	512	201	
New York.....	529	76,335	42,009	19,278	12,685	6,577	66,538	34,865	31,673	
North Carolina.....	183	3,341	1,474	1,022	776	271	2,927	2,163	774	
North Dakota.....	156	839	315	405	107	72	759	459	300	
Ohio.....	587	12,558	5,718	4,445	2,204	1,024	11,309	6,799	4,510	
Oklahoma.....	389	3,001	1,180	968	807	262	2,710	2,170	540	
Oregon.....	52	2,282	1,065	772	393	179	2,056	1,129	927	
Pennsylvania.....	710	18,531	8,949	6,353	2,915	1,775	16,386	9,082	7,304	
Rhode Island.....	17	1,582	902	507	151	133	1,407	473	934	
South Carolina.....	145	1,152	460	437	237	97	1,027	824	202	
South Dakota.....	174	822	359	319	132	64	750	497	253	
Tennessee.....	297	3,669	1,689	1,089	828	277	3,322	2,245	1,077	
Texas.....	1,007	13,550	5,684	3,907	3,604	1,070	12,325	9,484	2,842	
Utah.....	50	1,102	545	317	222	77	1,005	600	405	
Vermont.....	62	582	363	153	66	50	523	147	375	
Virginia.....	305	8,643	1,706	1,200	672	308	3,264	1,979	1,285	
Washington.....	91	3,450	1,735	1,049	598	269	3,122	1,795	1,327	
West Virginia.....	182	1,447	556	502	276	148	1,273	838	435	
Wisconsin.....	563	5,088	2,204	1,804	899	365	4,663	2,660	2,003	
Wyoming.....	55	462	178	175	101	36	421	284	137	
Puerto Rico <sup>3</sup>	10	735	468	156	74	63	619	346	273	
American Samoa.....	1	3	( <sup>4</sup> )	2	( <sup>4</sup> )	( <sup>4</sup> )	2	1	1	
Canal Zone (Panama).....	( <sup>5</sup> )	21	2	-----	3	-----	21	17	5	
Guam.....	( <sup>6</sup> )	31	11	-----	5	-----	30	14	16	
Virgin Islands <sup>7</sup>	3	38	17	9	5	2	36	10	20	

<sup>1</sup> Includes reserve balances and cash items in process of collection.<sup>2</sup> Includes capital notes and debentures and retirement account for preferred stock and capital notes, etc.<sup>3</sup> Includes data for branches of a national bank and a State member bank in New York.<sup>4</sup> Less than \$500,000.<sup>5</sup> 2 branches of a national bank and 2 branches of a State member bank in New York.<sup>6</sup> Branch of a national bank in California.<sup>7</sup> Includes data for branches of a State member bank in New York.Source: Treasury Department, Comptroller of the Currency; *Annual Report*.

# NO. 578. ALL BANKS—NUMBER AND PRINCIPAL ASSETS AND LIABILITIES, BY CLASS OF BANK: 1940 TO 1962

[Money figures in millions of dollars. As of December 31, except as indicated. Includes all banks in conterminous U.S. and, beginning 1950, all banks in Alaska (one Federal Reserve System member bank was previously included) and all banks in Hawaii. Banks added in 1959 had total assets of \$900 million on December 31, 1959. All banks comprise all commercial banks and all mutual savings banks. Commercial banks comprise all Federal Reserve System member banks (including one bank in the Virgin Islands that became a member on May 31, 1957) and all nonmember commercial banks. Stock savings banks and nondeposit trust companies are included with commercial banks. Comparability of figures for classes of banks is affected somewhat by changes in Federal Reserve membership, insurance status, and the reserve classifications of cities and individual banks, and by mergers, etc. For figures on all active banks, including those in outlying areas, see table 576. See also *Historical Statistics, Colonial Times to 1967*, series X 20-41 and X 95-128, for related but not comparable data]

CLASS OF BANK AND YEAR	Number of banks	Total assets— total liabilities and capital accounts <sup>1</sup>	SELECTED ASSETS				SELECTED LIABILITIES			
			Loans and investments			Cash assets <sup>2</sup>	Deposits			Capital ac- counts
			Total	Loans	U.S. Govt. obli- gations		Demand	Time	Inter- bank <sup>3</sup>	
<b>All banks:</b>										
1940.....	14, 896	84, 976	54, 177	23, 756	20, 972	28, 090	38, 558	26, 503	10, 934	8, 362
1945.....	14, 553	177, 332	140, 227	30, 362	101, 288	35, 415	105, 935	45, 613	14, 065	10, 542
1950.....	14, 550	191, 317	148, 021	60, 386	72, 894	41, 086	104, 745	56, 513	14, 039	13, 937
1952.....	14, 575	213, 837	165, 626	75, 512	72, 740	45, 584	116, 634	63, 598	15, 321	15, 367
1953.....	14, 509	220, 140	171, 497	80, 518	72, 610	45, 811	116, 788	68, 354	15, 957	16, 118
1954.....	14, 367	231, 654	183, 784	85, 617	77, 728	44, 585	120, 793	73, 510	16, 811	17, 270
1955.....	14, 243	242, 008	190, 780	100, 057	70, 052	47, 803	126, 951	76, 844	16, 646	18, 112
1956.....	14, 167	250, 770	197, 063	110, 079	66, 523	49, 641	129, 044	80, 908	17, 595	19, 249
1957.....	14, 090	257, 864	203, 849	115, 115	65, 792	49, 318	127, 896	88, 102	17, 022	20, 428
1958.....	14, 020	276, 430	221, 486	121, 571	73, 641	49, 911	134, 385	97, 498	18, 173	21, 705
1959.....	13, 991	283, 629	227, 831	135, 958	65, 801	50, 296	136, 676	101, 116	17, 093	22, 915
1960.....	13, 986	298, 126	238, 623	144, 764	67, 242	53, 022	139, 357	107, 959	18, 880	24, 539
1961.....	13, 946	321, 394	256, 700	154, 318	72, 715	57, 368	147, 931	120, 848	18, 396	26, 227
1962, Mar. 28 <sup>4</sup>	13, 930	310, 230	257, 520	155, 460	70, 960	45, 560	132, 240	127, 220	14, 200	26, 470
<b>Commercial banks:</b>										
1940.....	14, 345	73, 001	43, 929	18, 800	17, 757	27, 124	38, 558	15, 844	10, 934	7, 010
1945.....	14, 011	160, 312	124, 019	26, 083	90, 606	34, 806	105, 921	30, 241	14, 065	8, 950
1950.....	14, 121	168, 932	126, 675	52, 249	62, 027	40, 289	104, 723	36, 503	14, 039	11, 690
1955.....	13, 716	210, 734	160, 881	82, 601	61, 592	46, 838	126, 896	48, 715	16, 643	15, 360
1957.....	13, 568	222, 696	170, 068	93, 899	58, 239	48, 428	127, 865	56, 440	17, 021	17, 368
1958.....	13, 501	238, 651	185, 165	98, 214	66, 376	48, 990	134, 353	63, 493	18, 171	18, 486
1959.....	13, 474	244, 686	190, 270	110, 832	58, 037	49, 467	136, 643	66, 169	17, 090	19, 555
1960.....	13, 472	287, 552	199, 509	117, 642	61, 003	52, 150	139, 324	71, 641	18, 878	20, 985
1961.....	13, 432	278, 561	215, 441	124, 925	66, 578	56, 432	147, 865	82, 420	18, 395	22, 459
1962, Mar. 28 <sup>4</sup>	13, 417	266, 340	215, 180	125, 380	64, 440	44, 680	132, 180	87, 990	14, 260	22, 630
<b>Mutual savings banks:</b>										
1940.....	551	11, 976	10, 248	4, 956	3, 215	966	-----	10, 659	-----	1, 292
1945.....	542	17, 020	16, 208	4, 279	10, 682	609	14	15, 371	-----	1, 592
1950.....	529	22, 385	21, 346	8, 137	10, 868	707	22	20, 009	-----	2, 247
1955.....	527	31, 274	29, 898	17, 456	8, 460	965	55	28, 129	3	2, 812
1957.....	522	35, 108	33, 782	21, 216	7, 552	890	30	31, 662	1	3, 059
1958.....	519	37, 779	36, 320	23, 357	7, 265	921	32	34, 006	2	3, 219
1959.....	517	38, 943	37, 561	25, 126	6, 864	829	33	34, 948	2	3, 359
1960.....	514	40, 574	39, 114	27, 122	6, 239	872	33	36, 318	2	3, 553
1961.....	514	42, 833	41, 259	29, 393	6, 136	936	67	38, 420	1	3, 768
1962, Mar. 28 <sup>4</sup>	513	43, 890	42, 340	30, 080	6, 520	880	60	39, 230	(4)	3, 840
<b>Federal Reserve Sys- tem member banks:</b>										
1940.....	6, 496	62, 658	37, 126	15, 321	15, 823	23, 963	33, 829	12, 178	10, 423	5, 698
1945.....	6, 884	138, 304	107, 183	22, 775	78, 338	29, 845	91, 819	24, 210	13, 640	7, 589
1950.....	6, 873	144, 600	107, 424	44, 705	52, 365	35, 524	90, 306	29, 336	13, 448	9, 696
1955.....	6, 543	179, 414	135, 360	70, 982	50, 697	41, 416	108, 727	39, 165	15, 865	12, 783
1957.....	6, 393	188, 828	142, 353	80, 950	47, 079	42, 746	109, 019	45, 290	16, 328	14, 554
1958.....	6, 312	202, 017	154, 805	84, 061	54, 299	43, 188	114, 270	51, 132	17, 414	15, 460
1959.....	6, 233	205, 726	167, 879	94, 779	40, 813	43, 509	115, 493	52, 827	16, 387	16, 264
1960.....	6, 174	215, 677	165, 619	99, 883	49, 106	45, 756	117, 681	57, 272	18, 977	17, 398
1961.....	6, 113	236, 112	179, 699	106, 232	54, 058	49, 579	124, 975	67, 167	17, 498	18, 638
1962, Mar. 28 <sup>4</sup>	6, 085	224, 114	179, 254	105, 600	52, 030	39, 091	111, 183	71, 868	13, 544	18, 785

See footnotes at end of table.

No. 578. ALL BANKS—NUMBER AND PRINCIPAL ASSETS AND LIABILITIES, BY CLASS OF BANK: 1940 TO 1962—Continued  
(Money figures in millions of dollars)

[Money figures in millions of dollars]											
CLASS OF BANK AND YEAR	Number of banks	Total assets— total liabilities and capital accounts <sup>1</sup>	SELECTED ASSETS				SELECTED LIABILITIES				
			Loans and investments			Cash assets <sup>2</sup>	Deposits			Capital ac- counts	
			Total	Loans	U.S. Govt. obli- gations		Demand	Time	Inter- bank <sup>3</sup>		
<b>Federal Reserve System member banks—Continued</b>											
<b>Central reserve city banks:</b>											
<b>New York City:</b>											
1940.....	36	10,688	10,910	3,384	6,044	8,423	12,247	819	4,678	1,615	
1945.....	37	32,887	26,143	7,334	17,574	6,430	24,227	1,236	4,057	2,120	
1950.....	23	28,954	20,612	9,729	8,993	7,922	19,287	1,722	4,638	2,351	
1955.....	18	33,228	23,583	14,640	6,796	8,948	21,475	2,303	5,000	2,745	
1957.....	18	33,975	23,828	16,102	5,880	8,984	20,696	2,893	5,781	3,136	
1958.....	18	36,398	25,966	16,165	7,486	9,298	21,672	3,482	6,525	3,282	
1959.....	16	35,750	25,291	18,121	5,002	9,174	21,446	3,448	5,753	3,361	
1960.....	15	30,767	27,726	18,465	6,980	10,301	23,050	4,206	6,505	3,554	
1961.....	13	43,538	30,297	19,535	7,862	11,164	24,396	6,935	5,487	3,683	
1962, Mar. 28 <sup>3</sup> .....	13	40,147	29,650	19,494	6,826	8,480	20,736	7,666	4,094	3,689	
<b>Chicago:</b>											
1940.....	13	8,995	2,377	696	1,307	1,578	2,197	509	1,004	270	
1945.....	12	7,459	5,931	1,333	4,213	1,489	5,014	719	1,312	377	
1950.....	13	7,649	5,509	2,083	2,911	2,034	4,778	1,103	1,229	490	
1955.....	13	8,720	6,542	3,342	2,506	2,132	5,387	1,327	1,296	628	
1957.....	14	8,595	6,446	3,852	2,032	2,083	5,099	1,345	1,348	689	
1958.....	14	9,071	6,830	3,637	2,562	2,158	5,385	1,438	1,391	733	
1959.....	14	8,967	6,885	4,206	1,985	2,003	5,342	1,468	1,254	762	
1960.....	10	9,219	7,050	4,485	1,882	2,046	5,226	1,530	1,441	822	
1961.....	9	10,383	7,606	4,626	2,041	2,603	5,037	2,068	1,637	870	
1962, Mar. 28 <sup>3</sup> .....	9	9,613	7,652	4,503	2,183	1,788	4,706	2,292	1,210	870	
<b>Reserve city banks:</b>											
1940.....	348	21,873	13,013	5,931	5,204	8,278	11,018	4,750	4,076	1,904	
1945.....	359	51,898	40,108	8,514	20,552	11,286	32,876	9,760	6,448	2,566	
1950.....	336	55,369	40,685	17,906	19,084	13,998	33,342	11,647	6,448	3,322	
1955.....	292	70,478	52,459	28,622	18,826	16,994	41,123	16,164	7,446	4,641	
1957.....	278	74,196	55,259	32,805	17,352	17,540	41,318	18,623	7,642	5,370	
1958.....	274	79,781	60,558	34,003	20,445	17,701	43,688	21,075	7,883	5,700	
1959.....	265	81,443	61,021	38,686	17,292	18,211	44,366	21,555	7,753	6,106	
1960.....	217	83,464	62,953	40,002	17,396	18,688	44,228	22,525	8,315	6,423	
1961.....	206	90,815	68,565	42,379	19,748	20,216	47,090	26,381	8,412	6,997	
1962, Mar. 28 <sup>3</sup> .....	206	86,762	68,635	42,713	18,840	16,089	41,956	28,377	6,751	7,087	
<b>Country banks:</b>											
1940.....	6,089	17,101	10,826	5,309	3,260	5,685	8,368	6,100	665	1,909	
1945.....	6,476	46,059	35,002	5,596	26,099	10,632	29,700	12,494	1,224	2,525	
1950.....	6,501	52,689	40,558	14,988	21,377	11,571	32,899	14,865	1,133	3,532	
1955.....	6,200	66,988	52,775	24,379	22,570	13,342	40,742	19,372	1,623	4,769	
1957.....	6,083	72,062	56,820	28,191	21,815	14,139	41,905	22,429	1,658	5,359	
1958.....	6,006	76,767	61,511	30,257	23,606	14,031	43,524	25,137	1,614	5,685	
1959.....	5,938	79,557	64,082	33,766	22,535	14,122	44,340	26,366	1,626	6,035	
1960.....	5,032	84,126	67,890	36,981	22,848	14,740	45,177	29,011	1,815	6,599	
1961.....	5,885	90,376	73,131	39,693	24,407	15,595	47,852	31,832	1,961	7,088	
1962, Mar. 28 <sup>3</sup> .....	5,857	87,592	73,317	39,890	24,187	12,734	43,785	33,533	1,480	7,139	

<sup>1</sup> Includes other assets and liabilities not shown separately. <sup>2</sup> Excludes reciprocal balances, except for 1940. Reclassification of deposits of foreign central banks in May 1961 reduced interbank deposits by a total of \$1,900 million (\$1,500 million time to other time and \$400 million demand to other demand).

<sup>3</sup> Preliminary. <sup>4</sup> Less than \$5 million, preliminary data rounded to nearest \$10 million.

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*.

No. 579. FEDERAL RESERVE SYSTEM, ALL MEMBER BANKS—COMMERCIAL AND INDUSTRIAL LOANS, BY SIZE OF BORROWER'S ASSETS: 1946, 1955, AND 1957

(1946 figures as of November; 1955 and 1957 as of October)

BORROWERS	All borrowers <sup>1</sup>	ASSETS OF BORROWER				
		Under \$50,000	\$50,000 to \$250,000	\$250,000 to \$1,000,000	\$1,000,000 to \$5,000,000	\$5,000,000 to \$25,000,000 and over
1946:						
Number of loans.....percent.....	100.0	64.5	24.0	8.3		1.7
Amount of loans.....percent.....	100.0	9.2	16.4	29.0		44.3
1955:						
Number of loans.....percent.....	100.0	42.5	35.0	10.6	3.2	0.9
Amount of loans.....percent.....	100.0	4.9	14.6	16.4	18.1	15.4
1957:						
Number of loans.....percent.....	100.0	39.4	38.6	12.3	3.8	1.0
Amount of loans.....percent.....	100.0	3.6	12.0	15.6	16.7	14.6

<sup>1</sup> Includes borrowers for whom assets were not ascertained.

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin* and records.

## No. 580. FEDERAL RESERVE BANKS—PRINCIPAL ASSETS AND LIABILITIES: 1950 TO 1961

[In millions of dollars. As of December 31. See also *Historical Statistics, Colonial Times to 1957*, series X 245-254, for data on all Federal Reserve Banks]

FEDERAL RESERVE DISTRICT AND YEAR	ASSETS					LIABILITIES				
	Total	Re- serves	Reserve bank credit outstanding			Capital	Sur- plus <sup>2</sup>	Federal Reserve notes	De- posits <sup>3</sup>	Re- serve per- centage <sup>4</sup>
			Total <sup>1</sup>	Loans and securities						
				Dis- counts and ad- vances	U.S. Govt. securi- ties					
All Fed. Res. Banks:										
1950.....	47,172	21,458	22,216	67	20,778	225	538	23,587	19,810	40.4
1955.....	52,340	21,009	26,507	108	24,785	303	721	26,921	20,355	44.4
1960.....	62,984	17,470	29,359	33	27,384	409	817	28,449	18,336	37.4
1961.....	54,329	16,615	31,362	130	28,881	445	888	29,305	18,451	34.8
Boston:										
1950.....	2,643	846	1,515	( <sup>5</sup> )	1,429	12	35	1,424	925	36.0
1955.....	2,912	1,016	1,525	1	1,347	16	45	1,614	921	40.1
1960.....	2,922	895	1,528	1	1,450	20	40	1,625	829	36.5
1961.....	2,997	1,006	1,515	1	1,351	21	42	1,704	821	39.8
New York:										
1950.....	12,443	6,584	5,234	62	4,894	73	161	5,343	6,323	50.4
1955.....	13,204	5,370	7,022	19	6,592	89	203	6,120	6,120	43.9
1960.....	12,975	4,074	7,819	2	7,131	115	229	6,663	5,115	34.6
1961.....	13,050	3,758	8,107	106	7,262	121	243	6,751	4,963	32.1
Philadelphia:										
1950.....	2,874	1,181	1,468	4	1,378	16	44	1,666	957	45.0
1955.....	3,076	1,167	1,620	27	1,484	20	54	1,840	934	42.1
1960.....	3,153	1,122	1,626	4	1,545	24	48	1,867	877	40.9
1961.....	3,152	978	1,777	2	1,659	26	61	1,890	859	35.6
Cleveland:										
1950.....	3,973	1,544	2,100	( <sup>5</sup> )	1,921	22	49	2,112	1,500	42.7
1955.....	4,596	1,781	2,318	1	2,096	29	64	2,493	1,567	43.9
1960.....	4,415	1,440	2,469	1	2,318	38	75	2,575	1,318	37.2
1961.....	4,519	1,411	2,620	2	2,435	42	83	2,625	1,367	35.3
Richmond:										
1950.....	2,750	1,004	1,454	1	1,339	10	29	1,616	861	40.5
1955.....	3,303	1,348	1,553	4	1,437	14	38	2,025	892	40.2
1960.....	3,391	1,116	1,810	1	1,708	19	37	2,185	767	37.8
1961.....	3,643	1,183	2,006	1	1,862	20	40	2,380	828	36.9
Atlanta:										
1950.....	2,365	930	1,196	( <sup>5</sup> )	1,110	9	23	1,276	859	43.6
1955.....	2,686	943	1,333	20	1,259	14	32	1,398	914	40.8
1960.....	3,092	982	1,568	2	1,480	22	44	1,641	953	37.9
1961.....	3,156	933	1,670	2	1,579	24	47	1,717	923	35.3
Chicago:										
1950.....	8,195	4,260	3,377	( <sup>5</sup> )	3,143	29	77	4,590	3,032	55.1
1955.....	9,089	3,812	4,518	3	4,254	40	103	5,190	3,098	46.0
1960.....	8,873	2,979	4,942	3	4,618	58	116	5,302	2,601	37.7
1961.....	9,087	2,777	5,275	3	4,907	62	124	5,362	2,656	34.6
St. Louis:										
1950.....	2,016	631	1,206	1	1,138	7	21	1,097	740	34.3
1955.....	2,224	940	1,075	2	1,012	11	28	1,248	765	46.7
1960.....	2,210	722	1,225	7	1,091	14	27	1,232	732	36.8
1961.....	2,210	679	1,239	2	1,166	15	31	1,269	657	35.3
Minneapolis:										
1950.....	1,159	388	672	-----	641	5	14	611	442	36.8
1955.....	1,117	363	621	1	591	7	19	632	446	37.1
1960.....	1,217	370	665	2	626	9	19	695	449	35.5
1961.....	1,226	373	668	( <sup>5</sup> )	616	10	20	579	466	35.7
Kansas City:										
1950.....	2,074	868	1,006	( <sup>5</sup> )	962	8	20	920	947	46.5
1955.....	2,209	875	1,126	17	1,061	12	27	1,051	938	44.0
1960.....	2,371	825	1,237	9	1,158	17	35	1,153	906	40.1
1961.....	2,427	716	1,416	8	1,316	19	37	1,193	926	33.8
Dallas:										
1950.....	1,807	648	989	-----	941	10	18	639	990	39.8
1955.....	2,070	813	1,003	2	978	17	35	720	1,088	44.9
1960.....	2,174	764	1,120	5	1,083	23	47	836	1,040	40.7
1961.....	2,153	622	1,230	1	1,167	25	50	869	973	33.8
San Francisco:										
1950.....	4,874	2,573	1,999	-----	1,893	24	47	2,322	2,234	56.5
1955.....	5,354	2,581	2,790	10	2,672	34	73	2,639	2,672	48.2
1960.....	6,191	2,181	3,359	1	3,171	50	100	2,775	2,749	39.5
1961.....	6,709	2,179	3,339	2	3,561	60	120	2,966	3,012	36.5

<sup>1</sup> Comprises total loans and securities, amounts due from foreign banks, and Reserve Bank float.<sup>2</sup> Prior to 1960, includes sec. 13b surplus of \$27.5 million, repaid to Treasury pursuant to Small Business Investment Act of 1958.<sup>3</sup> Member bank reserves constitute about 95 percent of deposits.<sup>4</sup> Ratio of reserves to aggregate of total deposit and Federal Reserve note liabilities. <sup>5</sup> Less than \$500,000.Source: Board of Governors of the Federal Reserve System; *Annual Report* and *Federal Reserve Bulletin*. Figures published currently in *Federal Reserve Bulletin*.

## No. 581. FEDERAL RESERVE BANKS—DISCOUNT RATES: 1950 TO 1962

[Percent per annum. For rates for 1914 to 1921, see *Statistical Abstract, 1922*, table 249; for 1922 to 1932, *Statistical Abstract, 1933*, table 232; for 1933 to 1936, *Statistical Abstract, 1942*, table 268; for 1937 to 1950, *Statistical Abstract, 1954*, table 491. See also *Historical Statistics, Colonial Times to 1957*, series X 312-313, for New York rates]

MONTH ESTABLISHED	Bos- ton	New York	Phila- delphia	Cleve- land	Rich- mond	At- lanta	Chi- cago	St. Louis	Min- neap- olis	Kan- sas City	Dallas	San Francisco
DISCOUNTS FOR AND ADVANCES TO MEMBER BANKS UNDER SECS. 13 AND 13a OF FEDERAL RESERVE ACT <sup>1</sup>												
In effect Jan. 1, 1950.	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½
1950—August	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½
1953—January	2	2	2	2	2	2	2	2	2	2	2	2
1954—February	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½
April	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½
May	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½
1955—April	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½
May	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½
August	2	2	2	2	2	2	2	2	2	2	2	2
September	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½
November	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½
1956—April	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½
August	3	3	3	3	3	3	3	3	3	3	3	3
1957—August	3½	3½	3½	3½	3½	3½	3½	3½	3½	3½	3½	3½
November	3	3	3	3	3	3	3	3	3	3	3	3
December	3	3	3	3	3	3	3	3	3	3	3	3
1958—January	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½
February	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½
March	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½
April	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½
May	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½
August	2	2	2	2	2	2	2	2	2	2	2	2
September	2	2	2	2	2	2	2	2	2	2	2	2
October	2	2	2	2	2	2	2	2	2	2	2	2
1959—November	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½
March	3	3	3	3	3	3	3	3	3	3	3	3
May	3½	3½	3½	3½	3½	3½	3½	3½	3½	3½	3½	3½
June	3½	3½	3½	3½	3½	3½	3½	3½	3½	3½	3½	3½
September	4	4	4	4	4	4	4	4	4	4	4	4
1960—June	3½	3½	3½	3½	3½	3½	3½	3½	3½	3½	3½	3½
August	3	3	3	3	3	3	3	3	3	3	3	3
September	3	3	3	3	3	3	3	3	3	3	3	3
In effect May 1, 1962.	3	3	3	3	3	3	3	3	3	3	3	3
ADVANCES TO MEMBER BANKS UNDER SEC. 10b OF FEDERAL RESERVE ACT <sup>1, 2</sup>												
In effect Jan. 1, 1950.	2	2	2	2	2	2	2	2	2	2	2	2
In effect Jan. 1, 1959.	3	3	3	3	3	3	3	3	3	3	3	3
1959—March	3½	3½	3½	3½	3½	3½	3½	3½	3½	3½	3½	3½
May	4	4	4	4	4	4	4	4	4	4	4	4
June	4	4	4	4	4	4	4	4	4	4	4	4
September	4½	4½	4½	4½	4½	4½	4½	4½	4½	4½	4½	4½
1960—June	4	4	4	4	4	4	4	4	4	4	4	4
August	3½	3½	3½	3½	3½	3½	3½	3½	3½	3½	3½	3½
September	3	3	3	3	3	3	3	3	3	3	3	3
In effect May 1, 1962.	3½	3½	3½	3½	3½	3½	3½	3½	3½	3½	3½	3½
ADVANCES TO INDIVIDUALS, PARTNERSHIPS, AND CORPORATIONS (EXCEPT MEMBER BANKS) SECURED BY DIRECT OBLIGATIONS OF U.S. (last par. sec. 13 of Federal Reserve Act) <sup>1</sup>												
In effect Jan. 1, 1950.	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½
In effect Jan. 1, 1959.	4	4	4	4	4	4	4	4	4	4	4	4
1959—March	4½	4½	4½	4½	4½	4½	4½	4½	4½	4½	4½	4½
May	4½	4½	4½	4½	4½	4½	4½	4½	4½	4½	4½	4½
June	4½	4½	4½	4½	4½	4½	4½	4½	4½	4½	4½	4½
September	5	5	5	5	5	5	5	5	5	5	5	5
1960—June	4½	4½	4½	4½	4½	4½	4½	4½	4½	4½	4½	4½
August	4	4	4	4	4	4	4	4	4	4	4	4
September	4	4	4	4	4	4	4	4	4	4	4	4
In effect May 1, 1962.	4	4	4	4	4	4	4	4	4	4	4	4

<sup>1</sup> Rediscounts of notes, drafts, and bills eligible for discount under Federal Reserve Act, and advances secured by such paper, by direct obligations of U.S., by certain obligations guaranteed as to principal and interest by U.S., and by obligations of Federal intermediate credit banks maturing within 6 months.

<sup>2</sup> Effective Aug. 26; 2 percent became effective Aug. 4.

<sup>3</sup> Effective Aug. 30; 2 percent became effective Aug. 8.

<sup>4</sup> Advances secured to satisfaction of Federal Reserve Bank.

<sup>5</sup> Although rates not shown in detail for 1950 through 1953, changes in these rates usually parallel changes under secs. 13 and 13a above, with rates under sec. 10b running ¼ percent higher and those under last paragraph sec. 13 running about 1 percent higher.

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*.

# No. 582. FEDERAL RESERVE SYSTEM, ALL MEMBER BANKS—INCOME, EXPENSES, AND DIVIDENDS: 1940 TO 1961

[Money figures in millions of dollars; ratios in percentages. 1955 includes one member bank in Alaska. Beginning 1959, includes all member banks in Alaska and Hawaii and one member bank in the Virgin Islands]

ITEM	1940	1945	1950	1955	1959	1960	1961
Number of banks.....	6,486	6,884	6,873	6,543	6,233	6,174	6,113
Current revenue, total.....	1,323.0	2,102.2	3,264.7	5,342.6	8,074.9	8,927.9	9,216.8
Interest earned.....	1,026.6	1,707.9	2,663.2	4,435.6	6,769.3	7,522.2	7,824.0
Expenses, total.....	921.0	1,267.6	2,019.7	3,265.1	5,159.6	5,654.7	6,078.6
Interest paid.....	147.6	185.2	274.9	505.1	1,356.6	1,618.5	1,756.8
Salaries and wages.....	400.8	579.6	999.9	1,871.4	2,118.4	2,288.7	2,863.4
Net current earnings <sup>1</sup> .....	402.0	834.5	1,244.9	2,077.5	2,935.3	3,273.2	3,143.2
Net income before related taxes.....	(1)	1,058.5	1,149.9	1,676.0	2,031.5	2,929.4	2,962.5
Taxes on net income.....		270.1	369.1	690.8	774.6	1,240.7	1,250.5
Net income.....	849.1	788.4	780.8	985.2	1,256.9	1,688.8	1,712.0
Cash dividends declared.....	210.5	245.9	345.5	500.9	689.7	734.8	702.6
Capital accounts <sup>2</sup> .....	5,597.0	7,243.0	9,455.0	12,499.0	15,938.0	16,820.0	17,917.0
Ratios to average capital accounts:							
Net current earnings <sup>1</sup> .....	7.2	11.5	13.2	16.6	18.6	19.6	17.5
Net income.....	6.2	10.9	8.3	7.9	7.9	10.1	9.6
Cash dividends declared.....	3.8	3.4	3.7	4.0	4.4	4.4	4.4
Ratios to average total assets:							
Total current revenue.....	2.3	1.7	2.4	3.1	4.1	4.4	4.3
Net current earnings <sup>1</sup> .....	0.7	0.7	0.9	1.2	1.5	1.6	1.5

<sup>1</sup> Prior to 1945, taxes on net income, included in expenses.

<sup>2</sup> Prior to 1950, averages of amounts reported for every call date in year and final call date in preceding year; 1950 and 1955, averages of amounts reported for call dates at beginning, middle, and end of year were used, plus the last-Wednesday-of-the-month figures for the 10 intervening months; beginning 1959, averages of amounts reported for first 3 call dates in year and final call date in preceding year.

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*.

# No. 583. FEDERAL RESERVE SYSTEM, MEMBER BANK RESERVE REQUIREMENTS: 1917 to 1962

[Percent of deposits. See also *Historical Statistics, Colonial Times to 1957*, series X 262-265]

EFFECTIVE DATE OF CHANGE	NET DEMAND DEPOSITS <sup>1</sup>			Time deposits (all member banks)	EFFECTIVE DATE OF CHANGE	NET DEMAND DEPOSITS <sup>1</sup>			Time deposits (all member banks)
	Central reserve city banks	Reserve city banks	Country banks			Central reserve city banks	Reserve city banks	Country banks	
1917—June 21.....	13	10	7	3	1951—Jan. 11, 16 <sup>2</sup> .....	23	19	13	6
1936—Aug. 16.....	19½	15	10½	4½	Jan. 25, Feb. 1 <sup>3</sup> .....	24	20	14	-----
1937—Mar. 1.....	22½	17½	12½	5½	1953—July 1, 9 <sup>2</sup> .....	22	19	13	-----
May 1.....	26	20	14	6	1954—June 16, 24 <sup>2</sup> .....	21	-----	-----	5
1938—Apr. 16.....	22½	17½	12	5	July 29, Aug. 1 <sup>2</sup> .....	20	18	12	-----
1941—Nov. 1.....	26	20	14	6	1958—Feb. 27, Mar. 1 <sup>2</sup> .....	19½	17½	11½	-----
1942—Aug. 20.....	24	-----	-----	-----	Mar. 20, Apr. 1 <sup>2</sup> .....	19	17	11	-----
Sept. 14.....	22	-----	-----	-----	Apr. 17, Apr. 24.....	18½	16½	-----	-----
Oct. 3.....	20	-----	-----	-----	1960—Sept. 1.....	17½	-----	-----	-----
1948—Feb. 27.....	22	-----	-----	-----	Nov. 24, Dec. 1.....	16½	-----	-----	-----
June 11.....	24	-----	-----	-----	In effect May 1, 1962.....	16½	16½	12	5
Sept. 16, 24 <sup>2</sup> .....	26	22	16	7½					
1949—May 1, 5 <sup>2</sup> .....	24	21	15	7					
June 30.....	-----	-----	-----	-----					
July 1 <sup>2</sup> .....	-----	20	14	6					
Aug. 1, 11 <sup>2</sup> .....	23½	19½	13	5					
Aug. 10, 18 <sup>2</sup> .....	23	19	12	-----					
Aug. 25.....	22½	18½	-----	-----					
Sept. 1.....	22	18	-----	-----					

<sup>1</sup> Demand deposits subject to reserve requirements which, beginning Aug. 23, 1935, comprise total demand deposits minus cash items in process of collection and demand balances due from domestic banks (also minus war loan and Series E bond accounts during the period Apr. 13, 1943-June 30, 1947).

<sup>2</sup> First-of-month or midmonth dates record changes at country banks, and other dates (usually Thursday) record changes at central reserve or reserve city banks.

<sup>3</sup> Requirement became effective at central reserve and reserve city banks on Aug. 11, and at country banks on Aug. 16.

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*.

# No. 584. FEDERAL RESERVE SYSTEM—PERCENT DISTRIBUTION OF MEMBER BANKS, BY MAXIMUM INTEREST RATES PAID ON TIME DEPOSITS: 1962

[As of mid-January. Based on information from all banks with \$50 million or more total deposits and 10-percent sample of banks with less]

BANKS BY SIZE AND DISTRICT	All member banks	REGULAR SAVINGS DEPOSITS, MAXIMUM RATE (PERCENT) <sup>1</sup>			OTHER TIME DEPOSITS, MAXIMUM RATE (PERCENT) <sup>1</sup>		
		4	3½	3 or less	4	3½	3 or less
All member banks.....	100	21	20	59	57	8	35
By size of deposits:							
Under \$5,000,000.....	100	16	16	68	60	7	33
\$5,000,000 to \$9,000,000.....	100	22	19	59	52	3	45
\$10,000,000 to \$49,000,000.....	100	25	25	50	57	12	31
\$50,000,000 to \$99,000,000.....	100	31	28	41	62	12	26
\$100,000,000 to \$499,000,000.....	100	28	33	39	53	22	25
\$500,000,000 and over.....	100	49	34	17	67	31	2
By district:							
Boston.....	100	36	9	55	29	8	63
New York.....	100	25	60	15	28	37	35
Philadelphia.....	100	6	2	92	26	11	63
Cleveland.....	100	11	3	86	35	-----	66
Richmond.....	100	14	32	54	28	15	57
Atlanta.....	100	34	28	38	83	-----	17
Chicago.....	100	10	21	69	63	1	36
St. Louis.....	100	9	19	72	73	-----	27
Minneapolis.....	100	-----	4	96	85	8	7
Kansas City.....	100	36	16	48	78	5	17
Dallas.....	100	69	8	23	64	9	27
San Francisco.....	100	15	77	8	55	29	16

<sup>1</sup> The few banks indicating a maximum rate between those shown are included in the group paying the next higher rate.

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*.

# No. 585. ALL COMMERCIAL BANKS—LOANS AND INVESTMENTS, BY CLASS: 1947 TO 1961

[Money figures in millions of dollars. As of December 31. Beginning 1959, includes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1867*, series X 97-105, for data as of June 30]

ITEM	1947	1955	1957	1958	1959 <sup>1</sup>	1960 <sup>1</sup>	1961 <sup>1</sup>
Number of banks.....	14,181	13,716	13,568	13,501	13,474	13,472	13,432
Loans and investments.....	116,284	160,881	170,068	185,165	190,270	199,509	215,441
Loans <sup>2</sup>	38,057	82,601	93,899	98,214	110,832	117,042	124,925
Commercial, including open market paper.....	18,167	33,245	40,526	40,425	40,174	43,125	45,172
Agricultural.....	1,600	4,475	4,056	4,073	5,018	5,076	6,248
For purchasing or carrying securities.....	2,050	5,037	4,221	4,661	4,868	5,117	6,189
Loans to financial institutions.....	115	574	722	719	7,937	8,072	8,444
Real estate.....	9,393	20,809	23,110	25,255	28,060	28,713	30,320
Other loans to individuals.....	5,723	17,185	20,217	20,608	24,166	26,396	27,847
Other.....	947	2,543	2,811	3,437	2,784	2,901	3,412
Investments.....	78,226	78,280	76,169	86,951	79,438	81,867	90,516
U.S. Government obligations.....	69,221	61,592	58,239	66,376	58,937	61,003	69,678
Bills.....	2,193	4,219	5,405	6,204	6,300	8,072	11,488
Certificates of indebtedness.....	7,789	2,318	4,813	7,399	2,420	2,920	2,114
Notes.....	6,034	14,034	10,008	13,396	14,856	19,013	26,336
Bonds.....	53,205	41,021	37,414	39,287	35,360	30,998	26,641
Obligations of States and political subdivisions.....	5,276	12,608	13,915	16,505	16,958	17,570	203,45
Other securities.....	3,729	3,990	4,014	4,070	3,543	3,294	3,592

<sup>1</sup> Based on new loan classification which became effective Dec. 31, 1959.

<sup>2</sup> Beginning 1955, figures for detailed loan items are shown gross (before deduction of valuation reserves). Total loans are shown net for all years.

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*.

# No. 586. CHANGES IN NUMBER AND CLASSIFICATION OF OPERATING BANKING OFFICES, BY INSURANCE STATUS: 1945 to 1961

[As of December 31. Includes Alaska, Hawaii, Puerto Rico, Virgin Islands, American Samoa, Mariana Islands, Canal Zone, Midway Islands, and Marshall Islands]

TYPE OF CHANGE	1945	1950	1955	1957	1958	1959	1960	1961
<b>Banking offices</b> .....	18,881	19,851	21,676	22,907	23,553	24,242	25,105	26,003
Number of banks.....	14,713	14,693	14,285	14,130	14,060	14,004	13,999	13,859
Number of branches.....	4,168	5,158	7,391	8,777	9,493	10,238	11,106	12,644
Net change during year.....	+40	+257	+516	+592	+646	+689	+863	+893
Offices opened.....	292	384	807	792	849	932	1,060	1,112
Banks.....	119	68	117	88	96	118	132	114
Branches.....	173	316	690	704	753	814	928	998
Offices closed.....	252	127	291	200	203	243	197	214
Banks.....	106	105	241	167	165	174	137	151
Branches.....	146	22	50	33	37	69	60	60
<b>INSURED</b>								
<b>Banking offices</b> .....	17,491	18,624	20,656	21,969	22,627	23,435	24,391	25,313
Number of banks.....	13,494	13,040	13,457	13,404	13,365	13,382	13,451	13,445
Number of branches.....	3,997	4,984	7,190	8,565	9,292	10,053	10,940	11,885
Net change during year.....	+57	+325	+648	+630	+658	+808	+956	+922
Offices opened.....	272	352	780	755	815	884	1,023	1,080
Banks.....	103	58	103	74	83	102	111	99
Branches.....	169	294	677	681	732	782	912	981
Offices closed.....	233	117	277	183	193	235	188	193
Banks.....	87	95	230	152	156	107	128	149
Branches.....	146	22	47	31	37	68	60	58
Changes in classification <sup>1</sup> .....	+18	+00	+45	+58	+36	+159	+121	+40
<b>NONINSURED</b>								
<b>Banking offices</b> .....	1,390	1,227	1,020	938	926	807	714	690
Number of banks.....	1,210	1,053	828	726	695	622	548	514
Number of branches.....	171	174	192	212	231	185	166	175
Net change during year.....	-17	-68	-32	-38	-12	-119	-93	-24
Offices opened.....	20	32	27	37	34	48	37	32
Banks.....	16	10	14	14	13	16	21	15
Branches.....	4	22	13	23	21	32	16	17
Offices closed.....	19	10	14	17	10	8	9	10
Banks.....	19	10	11	15	10	7	9	14
Branches.....	-----	-----	3	2	-----	1	-----	2
Changes in classification <sup>1</sup> .....	-18	-90	-45	-58	-36	-150	-121	-40

<sup>1</sup> Net change in number of insured and noninsured banking offices, respectively, resulting from admissions of noninsured banks to insurance and from absorptions or successions of noninsured banks by insured banks and of insured banks by noninsured banks.

Source: Federal Deposit Insurance Corporation; *Annual Report*.

# No. 587. DEPOSIT INSURANCE—NUMBER OF OPERATING BANKS AND BRANCHES, BY INSURANCE STATUS AND CLASS OF BANK: 1961

[As of December 31. "Other areas" comprises Puerto Rico, Virgin Islands, American Samoa, Mariana Islands, Canal Zone, Midway Islands, and Marshall Islands. See also *Historical Statistics, Colonial Times to 1967*, series X 143-151, for U.S. data excluding Alaska and Hawaii]

TYPE OF BANK OR OFFICE	All banks	COMMERCIAL AND STOCK SAVINGS BANKS AND NONDEPOSIT TRUST COMPANIES						MUTUAL SAVINGS BANKS	
		Total	Insured		Not members F. R. sys- tem	Noninsured		In- sured	Non- insured
			Members F. R. system			Banks of de- posit	Non- deposit trust com- panies		
			National	State					
Total.....	26,003	24,943	10,557	4,453	9,545	322	66	758	302
All banks.....	13,950	13,444	4,513	1,598	7,004	277	52	330	185
Unit banks.....	11,187	10,885	3,467	1,178	5,931	261	48	184	118
Banks operating branches.....	2,772	2,559	1,046	420	1,073	16	4	146	67
Branches.....	12,044	11,499	6,044	2,855	2,541	45	14	428	117
United States <sup>1</sup> .....	25,840	24,782	10,554	4,453	9,407	302	66	758	300
All banks.....	13,945	13,431	4,512	1,598	6,997	272	52	330	184
Unit banks.....	11,183	10,881	3,467	1,178	5,930	258	48	184	118
Banks operating branches.....	2,762	2,550	1,045	420	1,067	14	4	146	66
Branches.....	11,895	11,351	6,042	2,855	2,410	30	14	428	116
Other areas.....	163	161	3	-----	138	20	-----	-----	2
All banks.....	14	13	1	-----	7	5	-----	-----	1
Unit banks.....	4	4	-----	-----	1	3	-----	-----	-----
Banks operating branches.....	10	9	1	-----	6	2	-----	-----	1
Branches.....	149	148	2	-----	131	15	-----	-----	-----

<sup>1</sup> Includes Alaska and Hawaii.

Source: Federal Deposit Insurance Corporation; *Annual Report*.



**No. 588. NUMBER AND DEPOSITS OF ALL OPERATING BANKS, 1960 AND 1961, AND BY INSURANCE STATUS OF BANK, 1961, BY STATES, AND OTHER AREAS**

[Deposits in millions of dollars. As of December 31. "Other areas" comprises Puerto Rico, Virgin Islands, American Samoa, Mariana Islands, Canal Zone, Midway Islands, and Marshall Islands]

STATE	1960				1961							
	Number		Deposits		Number				Deposits			
	Com- mer- cial and stock savings banks <sup>1</sup>	Mu- tual savings banks	Com- mer- cial and stock savings banks <sup>1</sup>	Mu- tual savings banks	Commercial and stock savings banks <sup>1</sup>		Mutual sav- ings banks		Commercial and stock savings banks <sup>1</sup>		Mutual sav- ings banks	
					Total	In- sured	Total	In- sured	Total	In- sured	Total	In- sured
<b>Total.....</b>	<b>13,484</b>	<b>515</b>	<b>230,532</b>	<b>36,353</b>	<b>13,444</b>	<b>13,115</b>	<b>515</b>	<b>330</b>	<b>249,504</b>	<b>247,905</b>	<b>38,487</b>	<b>33,400</b>
Ala.....	238	—	2,121	—	238	238	—	—	2,192	2,192	—	—
Alaska.....	13	—	210	—	14	10	1	1	213	192	(2)	(2)
Ariz.....	10	—	1,273	—	12	11	—	—	1,463	1,463	—	—
Ark.....	237	—	1,292	—	237	233	—	—	1,424	1,421	—	—
Calif.....	117	—	24,338	—	122	117	—	—	27,083	27,083	—	—
Colo.....	192	—	2,023	—	195	164	—	—	2,323	2,301	—	—
Conn.....	70	71	2,384	2,522	67	58	71	71	2,557	2,521	2,732	2,732
Del.....	20	2	707	160	20	19	2	2	738	738	170	170
D.C.....	12	—	1,532	—	11	11	—	—	1,646	1,646	—	—
Fla.....	309	—	4,882	—	322	318	—	—	5,264	5,247	—	—
Ga.....	421	—	2,940	—	420	362	—	—	3,126	3,110	—	—
Hawaii.....	12	—	726	—	12	7	—	—	781	787	—	—
Idaho.....	32	—	649	—	32	32	—	—	685	685	—	—
Ill.....	966	—	17,502	—	976	970	—	—	19,092	19,047	—	—
Ind.....	443	4	4,754	57	442	437	4	4	5,065	5,050	58	58
Iowa.....	673	—	3,132	—	674	649	—	—	3,340	3,303	—	—
Kans.....	587	—	2,412	—	590	587	—	—	2,602	2,600	—	—
Ky.....	355	—	2,301	—	351	342	—	—	2,626	2,616	—	—
La.....	190	—	2,966	—	192	191	—	—	3,148	3,147	—	—
Maine.....	47	32	663	415	47	43	32	26	696	667	442	402
Md.....	133	6	2,490	561	132	131	6	5	2,674	2,529	585	579
Mass.....	171	185	5,493	5,793	167	163	184	8	5,862	5,765	6,216	1,176
Mich.....	380	—	8,856	—	373	371	—	—	9,345	9,327	—	—
Minn.....	689	1	4,188	321	689	680	1	1	4,503	4,495	343	343
Miss.....	193	—	1,361	—	193	191	—	—	1,442	1,434	—	—
Mo.....	626	—	6,169	—	626	612	—	—	6,540	6,523	—	—
Mont.....	121	—	829	—	123	122	—	—	864	864	—	—
Nebr.....	426	—	1,678	—	425	394	—	—	1,784	1,758	—	—
Nev.....	7	—	441	—	7	7	—	—	493	493	—	—
N.H.....	74	33	413	543	74	71	33	33	444	435	597	597
N.J.....	253	21	7,231	1,347	247	244	21	21	7,762	7,761	1,417	1,417
N. Mex.....	55	—	713	—	57	57	—	—	770	770	—	—
N.Y.....	402	127	45,101	21,437	390	374	127	127	49,209	48,684	22,551	22,551
N.C.....	133	—	2,927	—	171	170	—	—	3,211	3,176	—	—
N. Dak.....	155	—	759	—	156	153	—	—	771	672	—	—
Ohio.....	585	2	11,281	28	576	575	2	2	11,900	11,898	27	27
Okla.....	389	—	2,710	—	388	385	—	—	2,925	2,923	—	—
Oreg.....	51	1	2,014	43	49	47	1	1	2,175	2,166	45	45
Pa.....	703	7	14,296	2,090	676	666	7	7	15,137	15,107	2,185	2,185
R.I.....	9	8	899	508	9	8	8	8	962	933	552	552
S.C.....	145	—	1,027	—	144	138	—	—	1,110	1,100	—	—
S. Dak.....	174	—	750	—	174	174	—	—	808	808	—	—
Tenn.....	297	—	3,322	—	296	290	—	—	3,625	3,617	—	—
Tex.....	1,011	—	12,325	—	1,020	1,001	—	—	13,462	13,422	—	—
Utah.....	50	—	1,005	—	50	46	—	—	1,063	1,057	—	—
Vt.....	56	6	403	120	53	52	6	6	424	424	120	120
Va.....	305	—	3,264	—	302	302	—	—	3,552	3,552	—	—
Wash.....	87	4	2,741	382	89	88	4	4	2,955	2,934	412	412
W. Va.....	182	—	1,273	—	181	180	—	—	1,340	1,332	—	—
Wis.....	550	4	4,638	25	555	551	4	3	4,949	4,946	26	25
Wyo.....	55	—	421	—	55	55	—	—	455	455	—	—
Other areas.....	13	1	708	(2)	13	8	1	—	835	749	(2)	—

<sup>1</sup> Includes nondeposit trust companies.

<sup>2</sup> Less than \$500,000.

Source: Federal Deposit Insurance Corporation; *Annual Report*.

**No. 589. DEPOSIT INSURANCE—INSURED BANKS REQUIRING DISBURSEMENTS TO PROTECT DEPOSITORS, BY NUMBER OF BANKS AND DEPOSITORS, AND AMOUNT OF DEPOSITS AND DISBURSEMENTS: 1934 TO 1961**

[See also *Historical Statistics, Colonial Times to 1957*, series X 180-191]

CLASSIFICATION AND YEAR	NUMBER OF BANKS			Number of deposit- ors <sup>1</sup>	DEPOSITS <sup>1</sup> (\$1,000)			DISBURSEMENTS BY FDIC <sup>2</sup> (\$1,000)		
	Total	De- posit pay- off cases	De- posit as- sump- tion cases		Total	Payoff cases	As- sump- tion cases	Total	De- posit payoff cases	De- posit as- sump- tion cases
All banks, cumulative total, 1934 to 1961.....	445	263	182	1,460,235	610,985	144,458	466,527	357,704	112,142	245,562
By class of bank:										
National banks.....	79	26	53	311,226	130,556	30,844	90,712	67,542	22,733	44,809
State banks, members Federal Reserve System.....	24	8	16	372,528	190,472	29,353	161,119	122,603	23,061	99,542
Banks not members Federal Reserve System.....	342	229	113	776,481	289,957	84,261	205,696	167,559	66,348	101,211
Banks with deposits of—										
\$100,000 or less.....	107	83	24	38,347	6,418	4,947	1,471	5,242	4,397	845
\$100,000 to \$250,000.....	108	86	23	83,370	17,769	13,920	3,839	13,288	11,733	1,525
\$250,000 to \$500,000.....	59	36	23	89,949	20,976	12,462	8,514	15,318	10,370	4,948
\$500,000 to \$1,000,000.....	67	32	35	157,507	50,966	24,108	26,788	39,379	19,306	16,083
\$1,000,000 to \$2,000,000.....	47	14	33	202,380	67,412	18,595	48,817	39,754	14,258	25,496
\$2,000,000 to \$5,000,000.....	34	9	26	244,766	106,923	30,791	76,138	61,509	21,369	40,140
\$5,000,000 to \$10,000,000.....	13	1	12	201,489	84,404	6,930	77,474	39,605	4,829	31,776
\$10,000,000 to \$25,000,000.....	5	2	3	170,119	96,713	32,646	64,068	51,235	25,760	25,475
\$25,000,000 to \$50,000,000.....	4	4	4	272,328	159,418	-----	159,418	98,374	-----	98,374
Year: <sup>3</sup>										
1950.....	4	-----	4	6,366	5,513	-----	5,513	4,509	-----	4,509
1955.....	5	4	1	17,790	11,953	6,503	5,450	7,555	4,544	3,011
1956.....	2	1	1	15,197	11,329	4,701	6,628	3,471	2,882	589
1957.....	1	1	-----	2,338	1,163	1,163	-----	1,051	1,051	-----
1958.....	4	3	1	9,538	8,240	4,156	4,084	3,088	2,334	264
1959.....	3	3	-----	3,076	2,595	2,595	-----	1,890	1,890	-----
1960.....	1	1	-----	11,186	6,930	6,930	-----	4,829	4,829	-----
1961.....	5	5	-----	8,254	8,819	8,819	-----	6,252	6,252	-----

<sup>1</sup> Adjusted to Dec. 31, 1961.

<sup>2</sup> Includes principal disbursements in all cases; in deposit payoff cases also includes field payoff expenses and other insurance expenses; in deposit assumption cases includes advances for asset protection, liquidation expenses, and other insurance expense; excludes \$106,000 of expenses which could not be allocated to individual cases.

<sup>3</sup> Disbursement totals for each year relate to cases occurring during that year and may thus contain some amounts disbursed in subsequent years for such cases.

Source: Federal Deposit Insurance Corporation; *Annual Report*.

**No. 590. BANK SUSPENSIONS—NUMBER OF BANKS AND AMOUNT OF DEPOSITS: 1930 TO 1961**

[Beginning 1950, includes Alaska and Hawaii. Banks closed either permanently or temporarily, on account of financial difficulties, by order of supervisory authorities or by directors of bank. "Member" refers to membership in Federal Reserve System. All national banks are Federal Reserve System members; all Federal Reserve System members are insured. See also *Historical Statistics, Colonial Times to 1957*, series X 165-178]

YEAR OR PERIOD	NUMBER OF BANKS					DEPOSITS (\$1,000)				
	Total	Nati- onal	State mem- ber	State and private nonmember		Total	National	State member	State and private nonmember	
				Nonin- sured	In- sured <sup>1</sup>				Nonin- sured	In- sured <sup>1</sup>
1930.....	1,352	161	27	1,164	-----	853,363	170,446	202,399	480,518	-----
1931.....	2,294	409	107	1,778	-----	1,690,669	439,171	293,957	957,541	-----
1932.....	1,456	273	55	1,125	-----	715,626	214,150	55,163	446,323	-----
1933.....	4,004	1,101	174	2,729	-----	3,598,975	1,610,549	783,399	1,205,027	-----
1934-1940.....	313	10	6	84	207	131,934	18,872	26,548	40,825	49,880
1941-1946.....	22	6	-----	4	12	12,066	8,126	-----	406	3,524
1947-1950.....	6	-----	-----	6	-----	2,652	-----	-----	2,082	-----
1951-1955.....	17	2	1	7	7	58,317	4,606	10,478	5,195	29,035
1956-1960.....	19	3	1	8	7	41,072	13,397	1,163	5,021	16,491
1960.....	2	-----	-----	1	1	7,987	-----	-----	1,034	6,953
1961.....	9	2	1	4	2	7,827	2,918	1,650	1,608	1,351

<sup>1</sup> Deposit insurance by Federal Deposit Insurance Corporation; became operative Jan. 1, 1934.

Source: Board of Governors of the Federal Reserve System.

# No. 591. FARM CREDIT—LOANS AND DISCOUNTS NOT SECURED BY FARM MORTGAGES, BY TYPE OF LENDER: 1950 TO 1961

[In millions of dollars. Beginning 1960, includes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series K 173-177]

ITEM	1950	1955	1957	1958	1959	1960	1961
Commercial banks:							
Agricultural loans outstanding, Jan. 1 <sup>1</sup>	3,052	4,660	4,102	4,047	4,910	5,019	5,678
Federal intermediate credit banks: <sup>2</sup>							
Loans to and discounts for—							
Private financing institutions:							
Made during year <sup>3</sup>	169	154	160	215	220	222	234
Outstanding, Jan. 1	51	58	60	67	84	90	88
Cooperative associations:							
Made during year <sup>3</sup>	9	11					
Outstanding, Jan. 1	2	2					
Banks for cooperatives:							
Made during year <sup>3</sup>	108	52	11				
Outstanding, Jan. 1	46	27	14				
Banks for cooperatives: <sup>4</sup>							
Loans made during year	399	517	530	543	683	669	784
Loans outstanding, Jan. 1	301	390	451	447	501	614	640
Production credit associations:							
Loans made during year <sup>3</sup>	1,066	1,373	1,718	2,191	2,502	2,594	2,853
Loans outstanding, Jan. 1 <sup>5</sup>	387	577	699	886	1,115	1,361	1,480
Farmers Home Administration: <sup>6</sup>							
Loans made during year	126	205	238	241	219	240	306
Loans outstanding, Jan. 1	355	427	440	446	416	408	432
Rural Electrification Administration: <sup>6,7</sup>							
Loans made during year <sup>8</sup>	272	196	277	282	310	293	371
Loans outstanding, Jan. 1 <sup>9</sup>	1,300	2,207	2,460	2,646	2,824	3,054	3,238
Commodity Credit Corporation:							
Loans outstanding, Jan. 1: <sup>10</sup>							
To farmers	720	489	753	784	1,730	987	632
To cooperatives	222	144	805	684	757	558	463

<sup>1</sup> All operating banks. Includes loans guaranteed by Commodity Credit Corporation and certificates of interest in pool of CCC loans excepting certificates based on pooled loans to cooperatives.

<sup>2</sup> Excludes loans to production credit associations. <sup>3</sup> Includes renewals.

<sup>4</sup> Includes loans guaranteed by Commodity Credit Corporation and all loans made by banks for cooperatives whether or not discounted with FIOB.

<sup>5</sup> Excludes loans guaranteed by Commodity Credit Corporation and loans of associations in liquidation.

<sup>6</sup> Includes loans to cooperatives. <sup>7</sup> Electrification and telephone loans.

<sup>8</sup> Net advances after deducting unused loan funds.

<sup>9</sup> Cumulative net advances minus principal repayments.

<sup>10</sup> Excludes loans guaranteed by Commodity Credit Corporation that are held by banks and other lending institutions. Includes loans to farmers for storage facilities and equipment.

Source: Department of Agriculture, Economic Research Service.

# No. 592. FARM CREDIT—FARM MORTGAGE LOANS HELD BY PRINCIPAL LENDER GROUPS, LOANS CLOSED, AND INTEREST PAYABLE: 1950 TO 1961

[In millions of dollars, except where noted. Beginning 1960, includes loans in Alaska and Hawaii held by Federal land banks, Farmers Home Administration, and commercial and savings banks. There were no life insurance company loans in these States and data for loans by individuals and others were not available. See also *Historical Statistics, Colonial Times to 1957*, series K 162-172]

ITEM	1950	1957	1958	1959	1960	1961
Total debt outstanding, Jan. 1	5,579	9,908	10,507	11,254	12,298	13,097
Federal land banks and Federal Farm Mortgage Corporation <sup>1,2</sup>	965	1,722	1,897	2,065	2,335	2,539
Life Insurance Companies <sup>3</sup>	1,172	2,477	2,579	2,661	2,820	2,975
Commercial and savings banks	937	1,586	1,414	1,512	1,631	1,691
Farmers Home Administration	193	290	340	388	430	484
Individuals and others	2,312	4,033	4,277	4,628	5,072	5,408
INTEREST PAYABLE						
Interest rates on mortgage loans recorded (percent)	( <sup>3</sup> )	5.2	( <sup>3</sup> )	5.4	( <sup>3</sup> )	( <sup>3</sup> )
Interest rates on mortgage loans outstanding, Jan. 1 (percent) <sup>4</sup>	4.5	4.7	4.8	4.9	5.0	5.0
Interest charges <sup>5</sup>	264	487	527	580	636	( <sup>3</sup> )
Index of interest charges per acre (1910-14=100)	89	163	176	194	213	( <sup>3</sup> )

<sup>1</sup> On June 30, 1955, loans of the Federal Farm Mortgage Corporation were sold to the 12 Federal Land Banks.

<sup>2</sup> Includes purchase-money mortgages and sales contracts in addition to regular mortgages.

<sup>3</sup> Not available. <sup>4</sup> Average contract rates. <sup>5</sup> Payable during calendar year on outstanding loans.

Source: Department of Agriculture, Economic Research Service; *Agricultural Finance Review*, and releases.

**No. 593. FEDERAL LAND BANKS—PRINCIPAL ASSETS AND LIABILITIES: 1940 to 1961**

[In millions of dollars. As of December 31. Includes Puerto Rico and, beginning 1956, Alaska]

YEAR	ASSETS				LIABILITIES		
	Total assets	Mortgage loans	U.S. Govt. obligations, direct and fully guaranteed	Cash on hand and in banks	Unmatured farm loan bonds outstanding <sup>1</sup>	Capital stock <sup>2</sup>	Earned net worth
1940.....	2,220	1,843	83	35	1,719	323	105
1945.....	1,232	1,026	145	34	631	236	162
1950.....	1,042	945	88	20	715	60	217
1955.....	1,640	1,494	107	19	1,191	89	263
1956.....	1,805	1,738	109	20	1,436	102	206
1957.....	2,060	1,916	109	16	1,598	113	270
1958.....	2,239	2,085	109	15	1,743	123	275
1959.....	2,521	2,356	110	18	1,986	139	283
1960.....	2,744	2,559	109	16	2,210	162	285
1961.....	3,011	2,822	111	17	2,430	168	293

<sup>1</sup> Excludes bonds owned by banks.<sup>2</sup> For 1940 and 1945, includes U.S. Government capital in the amount of \$212,000,000 and \$168,000,000, respectively. Repayment thereof completed in 1947.

Source: Farm Credit Administration; records.

**No. 594. FARM CREDIT SYSTEM—LOANS AND DISCOUNTS MADE AND OUTSTANDING: 1950 to 1961**

[In thousands of dollars. Includes Puerto Rico and, beginning 1959, Alaska. Data for lending institutions supervised by the Farm Credit Administration]

YEAR	Net total <sup>1</sup>	Federal land banks	FEDERAL INTERMEDIATE CREDIT BANKS, LOANS TO AND DISCOUNTS FOR—		Banks for cooperatives	Production credit associations
			Production credit associations and banks for cooperatives	Other financing institutions <sup>2</sup>		
Made during year—						
1950.....	1,867,524	205,933	1,443,267	183,705	402,176	1,075,710
1951.....	2,343,058	214,220	1,845,205	239,480	568,961	1,320,397
1952.....	2,355,517	254,581	1,789,137	231,109	528,118	1,341,709
1953.....	2,198,798	289,772	1,592,318	185,541	497,016	1,226,469
1954.....	2,222,330	306,276	1,667,971	160,098	482,722	1,273,234
1955.....	2,573,577	487,489	1,792,368	172,111	527,636	1,386,341
1956.....	2,786,229	522,357	1,966,028	167,046	608,646	1,488,180
1957.....	2,846,575	398,093	2,218,423	175,220	541,332	1,731,030
1958.....	3,412,838	429,424	2,768,046	219,792	568,680	2,204,942
1959.....	4,011,564	572,064	3,094,372	226,397	697,741	2,515,862
1960.....	4,024,587	503,888	3,136,068	228,858	684,442	2,607,399
1961.....	4,537,290	632,517	3,458,043	236,203	799,625	2,869,054
Outstanding Dec. 31—						
1950.....	1,816,940	946,469	485,322	70,020	344,979	455,472
1951.....	2,076,585	997,573	611,472	87,441	423,952	567,619
1952.....	2,196,340	1,078,493	627,106	93,226	418,504	606,117
1953.....	2,172,088	1,179,889	545,181	69,673	372,110	550,416
1954.....	2,202,578	1,280,944	602,092	62,794	361,615	587,225
1955.....	2,592,111	1,497,165	621,828	70,785	370,683	653,478
1956.....	2,971,127	1,744,052	683,519	63,381	457,108	706,586
1957.....	3,339,298	1,919,281	861,158	70,688	454,452	894,877
1958.....	3,812,238	2,088,791	1,068,462	88,044	509,829	1,125,574
1959.....	4,449,408	2,359,841	1,295,359	95,285	622,433	1,371,909
1960.....	4,794,720	2,563,772	1,409,415	91,961	648,850	1,490,138
1961.....	5,276,789	2,827,973	1,549,177	100,532	696,650	1,651,634

<sup>1</sup> Excludes interagency loans: that is, Federal intermediate credit bank loans to, and discounts for, production credit associations and banks for cooperatives.<sup>2</sup> Includes Federal intermediate credit bank direct loans to cooperative associations.

Source: Farm Credit Administration; records.

**No. 595. FARM CREDIT SYSTEM—LOANS AND DISCOUNTS MADE AND OUTSTANDING,  
BY STATES AND FOR PUERTO RICO: 1961**

[In thousands of dollars. Loans and discounts made, for year ending December 31; those outstanding, as of December 31. Data for lending institutions supervised by the Farm Credit Administration]

STATE OR OTHER AREA	LOANS AND DISCOUNTS MADE					LOANS AND DISCOUNTS OUTSTANDING				
	Federal land banks	Federal interme- diate credit banks, loans to and dis- counts for—		Banks for coopera- tives	Produc- tion credit associa- tions	Federal land banks	Federal interme- diate credit banks, loans to and dis- counts for—		Banks for coopera- tives	Produc- tion credit associa- tions
		Prod. credit assns., banks for co-ops.	Other financ- ing institu- tions				Prod. credit assns., banks for co-ops.	Other financ- ing institu- tions		
<b>Total.....</b>	<b>632,517</b>	<b>3,458,043</b>	<b>236,203</b>	<b>799,525</b>	<b>2,869,054</b>	<b>2,827,973</b>	<b>1,549,177</b>	<b>100,532</b>	<b>696,650</b>	<b>1,651,634</b>
Ala.....	12,890	40,576	2,312	1,046	34,250	60,921	18,160	1,289	2,453	19,606
Alaska.....	194					828				
Ariz.....	3,383	31,278	18,312	1,907	25,873	18,146	9,970	4,076	3,274	10,403
Ark.....	11,876	132,362	2,851	73,008	94,134	35,175	32,425	640	50,685	38,263
Calif.....	47,696	226,187	22,647	72,423	174,425	187,167	72,035	9,425	92,303	75,342
Colo.....	12,161	109,442	13,891	6,660	94,568	53,123	47,869	5,379	8,318	50,848
Conn.....	2,171	8,632		3,113	7,728	11,238	4,721		528	5,184
Del.....	624	5,291			4,620	3,442	2,525			2,861
Fla.....	9,339	83,123	673	21,549	62,624	34,709	53,208	606	9,002	67,430
Ga.....	17,372	83,885	407	15,658	62,012	64,902	39,290	104	23,311	42,288
Idaho.....	17,845	78,293	1,739	3,904	71,000	76,104	33,175	624	5,142	36,306
Ill.....	30,386	154,376	5,673	35,394	145,521	168,500	80,127	1,706	32,415	84,961
Ind.....	19,899	119,090	1,486	18,151	110,749	90,125	64,358	862	23,534	67,630
Iowa.....	27,320	100,629	7,824	37,863	91,846	185,267	40,361	4,720	33,275	41,665
Kansas.....	20,520	95,406	2,823	40,143	81,692	103,376	40,305	1,413	52,958	42,478
Ky.....	10,640	64,875	319	5,520	55,009	40,315	45,074	218	2,576	47,743
La.....	9,046	65,133	4,128	9,752	46,619	41,294	18,460	891	3,827	21,390
Maine.....	466	12,680	2,835	5,712	9,637	4,157	7,688	2,196	2,009	8,669
Md.....	2,070	27,645		1,910	23,728	13,736	14,558		1,071	14,901
Mass.....	1,380	4,950		25,540	4,422	8,844	2,794		14,067	2,904
Mich.....	25,893	52,810	265	19,201	41,435	94,416	31,151	232	13,036	31,669
Minn.....	32,107	143,583	6,775	109,829	116,911	142,627	67,517	3,964	64,736	69,694
Miss.....	9,799	110,687	21,589	20,418	81,451	53,068	26,095	4,719	21,052	29,776
Mo.....	20,126	126,471	2,877	25,467	108,152	78,017	49,695	1,618	25,897	55,002
Mont.....	18,302	71,678	240	272	63,684	63,714	30,228	62	666	32,260
Nebr.....	20,070	95,290	5,043	10,919	84,864	114,727	39,947	1,918	7,373	42,432
Nev.....	1,392	8,054	5,403		5,540	5,051	2,725	2,813	5	2,806
N.H.....	368	2,206		15	1,918	2,250	1,295		174	1,341
N.J.....	2,308	7,785	84	123	6,908	15,089	3,971	1,46	268	4,318
N.Mex.....	4,995	44,641	5,401	1,158	35,358	20,112	15,599	2,728	3,615	16,297
N.Y.....	12,918	89,439		8,409	70,162	61,868	56,734		11,617	60,666
N.C.....	15,709	97,622	608	1,610	94,805	63,180	40,863	71	5,075	44,906
N.Dak.....	22,542	64,287	2,144	2,540	48,437	56,844	28,163	1,804	2,552	30,019
Ohio.....	22,096	109,865	2,681	22,579	101,459	97,409	78,222	2,170	22,855	82,666
Okl.....	11,862	74,804	10,451	60,547	65,147	44,886	34,333	5,003	18,989	36,463
Oreg.....	10,826	80,881	2,017	18,401	73,035	47,015	34,519	948	20,314	37,262
Pa.....	6,177	40,506		14,157	37,697	31,102	26,693		9,060	27,621
R.I.....	520	1,300			1,449	1,618	817			845
S.C.....	7,805	52,148		1,874	36,208	32,420	24,455		1,848	26,855
S.Dak.....	17,703	61,015	2,242	1,774	57,307	82,455	25,455	1,412	2,066	27,695
Tenn.....	11,197	64,873	2,832	5,452	58,292	41,978	46,269	974	3,851	40,899
Texas.....	38,202	342,619	56,728	66,165	281,519	248,836	114,770	23,362	44,651	122,201
Utah.....	4,903	28,045	8,681	6,454	24,398	19,770	12,805	4,517	5,459	12,874
Vt.....	1,829	12,568		345	12,099	10,055	8,640		284	9,375
Va.....	5,914	33,251		7,558	25,465	25,759	16,901		17,755	17,672
Wash.....	11,550	37,863	924	6,715	28,283	51,961	13,688	709	12,643	13,985
W.Va.....	1,141	6,527		92	5,516	7,546	4,136		146	4,315
Wis.....	16,721	111,882	4,010	12,845	91,019	71,639	65,664	2,807	12,210	67,623
Wyo.....	7,510	22,005	5,137	219	17,795	26,425	10,136	2,660	347	10,780
P.R.....	3,114	23,986	2,201	15,124	15,926	25,847	10,700	1,748	8,659	11,415

Source: Farm Credit Administration; records.

# No. 596. FARMERS HOME ADMINISTRATION—REAL ESTATE AND OTHER LOANS TO INDIVIDUALS, BY STATES AND OTHER AREAS: 1961

[In thousands of dollars. Loans outstanding are as of end of year. Includes loans made from corporation trust funds]

STATE OR OTHER AREA	REAL ESTATE LOANS					OTHER LOANS						
	Direct farm ownership <sup>1</sup>		Rural housing		Soil and water conservation loans outstanding <sup>14</sup>	Operating		Emergency		Special live-stock		Emergency crop and feed loans outstanding
	Loans made <sup>2</sup>	Loans outstanding <sup>3</sup>	Loans made	Loans outstanding		Loans made	Loans outstanding <sup>4</sup>	Loans made <sup>5</sup>	Loans outstanding <sup>7</sup>	Loans made	Loans outstanding	
<b>Total</b> .....	<b>33,692</b>	<b>293,291</b>	<b>89,388</b>	<b>269,549</b>	<b>11,615</b>	<b>270,771</b>	<b>451,105</b>	<b>34,032</b>	<b>40,660</b>	<b>1,318</b>	<b>5,757</b>	<b>2,384</b>
Ala.....	810	11,259	6,981	18,208	13	6,847	6,369	103	133		2	2
Alaska.....	86	638	309	231	4	359	574		4			12
Ariz.....	128	655	211	872	440	663	1,188	5	58		17	7
Ark.....	1,102	8,820	2,997	8,922	18	10,067	10,211	5,339	1,486		25	3
Calif.....	658	3,457	1,374	5,147	951	2,941	5,417	441	805		11	24
Colo.....	527	2,867	789	1,668	382	4,577	8,327	23	765	44	318	82
Conn.....	37	279	74	142		292	649		12			1
Del.....	28	326	77	107	7	135	250		9			5
Fla.....	294	2,771	2,971	11,889	335	3,011	4,703	419	1,385		6	28
Ga.....	1,540	14,328	5,664	15,271	54	9,606	9,570	272	179		31	86
Hawaii.....	110	783	397	1,360	2	321	666	30	112			
Idaho.....	1,063	11,726	1,054	3,949	1,170	7,748	13,188	675	714	29	52	19
Ill.....	1,223	6,808	806	2,146	55	8,716	14,862	56	82		1	4
Ind.....	829	6,045	1,222	2,992	32	4,814	9,375	7	24			4
Iowa.....	1,716	9,837	2,079	5,357	107	9,257	18,725	79	58			2
Kans.....	674	7,294	1,214	3,540	425	4,797	10,368	61	1,364		38	113
Ky.....	1,318	7,402	2,160	6,460	75	3,711	7,456	10	39			2
La.....	990	8,058	1,593	6,618	104	7,775	9,790	875	618	25	26	52
Maine.....	149	1,787	1,642	5,121	2	6,197	10,604		780			12
Md.....	105	1,282	627	1,964	23	1,359	3,180	1	51			27
Mass.....	32	435	42	279		224	455	109	179			2
Mich.....	309	3,714	2,141	5,900	100	6,244	13,703	17	176			16
Minn.....	716	7,445	1,479	4,414	53	8,305	14,921	297	227			29
Miss.....	1,541	19,493	6,076	19,201	146	9,742	14,190	2,104	865			2
Mo.....	1,219	15,166	3,759	10,638	163	9,242	13,437	1,340	803		42	28
Mont.....	721	3,439	1,421	3,642	436	6,368	9,835	184	253	52	124	411
Nehr.....	900	6,418	551	2,037	812	6,408	10,852	28	34			21
Nev.....		384	75	268	58	433	607	1	22		152	(*)
N.H.....	52	538	64	127		243	877	14	23			5
N.J.....	69	1,371	577	1,436	45	1,968	4,293	172	316	2	5	1
N. Mex.....	49	1,412	445	1,836	247	2,133	4,234	293	741	18	421	71
N.Y.....	356	2,722	823	2,228	26	5,049	12,827		72		(*)	2
N.O.....	2,272	15,228	5,445	13,288	90	11,368	11,222	559	351		1	6
N. Dak.....	1,379	9,455	1,947	7,118	112	11,502	22,404	6,418	5,569			300
Ohio.....	810	5,900	830	2,650	17	2,674	6,488	2	17			11
Okl.....	697	7,544	2,883	10,031	512	10,498	19,002	406	1,388	100	329	49
Oreg.....	135	3,438	798	3,263	476	3,175	5,672	47	111	23	100	39
Pa.....	440	4,351	1,326	3,504	14	3,560	11,699	31	35		3	2
R.I.....	8	44	7	17		36	61		(*)			
S.O.....	965	7,600	3,577	11,251	89	4,815	5,565	976	886			39
S. Dak.....	795	6,730	1,271	4,115	233	9,139	21,731	587	362		44	496
Tenn.....	1,315	10,806	6,610	15,408	94	4,519	7,025	60	164		(*)	180
Tex.....	615	13,672	3,526	14,601	1,064	31,066	42,815	9,506	16,755	927	3,783	6
Utah.....	531	4,364	1,967	5,584	958	3,460	6,277	930	918	92	214	15
Vt.....	101	973	120	305		285	903		11			(*)
Va.....	631	4,725	1,245	3,850	4	2,667	4,916	497	177		8	2
Wash.....	1,809	14,055	1,290	5,202	1,280	6,255	11,207	681	803		2	182
W. Va.....	278	2,238	1,227	4,191	12	2,196	5,549	42	76		(*)	2
Wis.....	882	8,401	2,273	6,449	23	7,595	15,645	272	233			24
Wyo.....	226	2,075	301	1,514	231	2,770	4,320	63	155	6	3	6
P.R.....	452	1,893	993	3,109	139	2,714	3,461	(*)	320			3
V.I.....		90	58	39	2	35	41					

<sup>1</sup> Excludes insured loans.

<sup>2</sup> Amount obligated for tenant purchase, farm enlargement, farm development, and loans for refinancing purposes.

<sup>3</sup> Includes project liquidation loans.

<sup>4</sup> Loans made during year totaled \$1,023,000.

<sup>5</sup> Includes production and subsistence, rural rehabilitation, construction, and wartime adjustment loans.

<sup>6</sup> Production emergency and economic emergency loans.

<sup>7</sup> Production emergency, economic emergency, special emergency, fur, flood damage, flood and wind-storm restoration loans, and Regional Agricultural Credit Corporation loans, the latter having been made by Farm Credit Administration prior to transfer of funds to Farmers Home Administration on April 16, 1949.

<sup>8</sup> Less than \$500.

Source: Department of Agriculture, Farmers Home Administration.

## No. 597. MORTGAGE LOANS HELD BY BANKS: 1950 TO 1961

[In millions of dollars. Represents all banks in U.S. (including Alaska and Hawaii) and outlying areas. See also *Historical Statistics, Colonial Times to 1957*, series N 154-155, for nonfarm residential holdings]

ITEM	1950	1954	1955	1957	1958	1959	1960	1961 (prel.)
<b>Commercial bank holdings<sup>1</sup></b> .....	13,664	18,573	21,004	23,337	25,523	28,145	28,806	30,480
Nonfarm residential.....	10,481	14,152	15,888	17,147	18,591	20,321	20,362	21,850
FHA-insured.....	-----	4,106	4,500	4,823	5,476	6,122	5,851	6,020
VA-guaranteed.....	-----	3,350	3,711	3,589	3,335	3,161	2,859	2,730
Conventional.....	-----	6,695	7,617	8,735	9,780	11,037	11,652	12,600
Other nonfarm.....	2,264	3,263	3,819	4,823	5,461	6,237	6,796	7,350
Farm.....	968	1,159	1,297	1,367	1,471	1,588	1,648	1,780
<b>Mutual savings bank holdings</b> .....	8,262	15,007	17,457	21,169	23,263	24,992	26,935	29,033
Nonfarm residential.....	7,054	13,211	15,568	19,010	20,935	22,486	24,306	26,275
FHA-insured.....	-----	3,800	4,150	4,669	5,501	6,276	7,074	8,013
VA-guaranteed.....	-----	4,262	5,773	7,790	8,361	8,589	8,086	9,465
Conventional.....	-----	5,149	5,645	6,561	7,073	7,622	8,240	8,797
Other nonfarm.....	1,104	1,740	1,831	2,102	2,275	2,451	2,575	2,706
Farm.....	44	56	58	57	53	55	54	52

<sup>1</sup> Includes loans held by nondeposit trust companies; excludes holdings of trust departments of commercial banks.

<sup>2</sup> Holdings of commercial banks increased and those of mutual savings banks declined by \$143 million as a result of the absorption of a mutual savings bank by a commercial bank.

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*.

## No. 598. FEDERAL NATIONAL MORTGAGE ASSOCIATION—HOLDINGS, PURCHASES, AND SALES OF FHA AND VA MORTGAGES: 1950 TO 1961

[In millions of dollars. As of December 31, except where noted. Includes Alaska, Hawaii, Puerto Rico, Virgin Islands, and Guam. FNMA provides supplementary assistance to the secondary market for residential mortgages (guaranteed by the Veterans Administration or insured by Federal Housing Administration.) It also provides special assistance for financing housing programs and residential mortgages generally. See also *Historical Statistics, Colonial Times to 1957*, series N 159 and N 186-187]

TYPE OF ACTIVITY	1950	1955	1956	1957	1958	1959	1960	1961	
								Total	Secondary market
Commitments undisbursed.....	485	76	360	704	1,541	568	576	631	212
Mortgage holdings.....	1,347	2,615	3,047	3,974	3,901	5,531	6,159	6,093	2,872
FHA-insured.....	169	901	978	1,237	1,483	2,546	3,356	3,490	1,615
VA-guaranteed.....	1,177	1,714	2,069	2,737	2,418	2,985	2,803	2,603	1,257
Mortgage purchases (during year).....	1,044	411	609	1,096	623	1,907	1,248	815	624
Mortgage sales (during year).....	469	62	6	3	482	5	357	641	522

Source: Housing and Home Finance Agency, Federal National Mortgage Association; *Semiannual Report*. Published currently in *Federal Reserve Bulletin*.

## No. 599. FEDERAL HOME LOAN BANK SYSTEM—MEMBER INSTITUTIONS: 1950 TO 1961

[Money figures in millions of dollars. Includes Alaska, Hawaii, Puerto Rico, and Guam. Federal Home Loan Bank System is composed of savings and loan associations, savings banks, and insurance companies engaged in home financing. Federal Home Loan Banks provide a permanent reserve credit system for member institutions. The Banks are privately owned by their members and are entirely self-sustaining. Federal Home Loan Bank Board supervises the operations of the 11 Federal Home Loan Banks, and of the Federal Savings and Loan Insurance Corporation, and charters and regulates Federal savings and loan associations. See also *Historical Statistics, Colonial Times to 1957*, series N 188, for advances outstanding]

ITEM	1950	1955	1956	1957	1958	1959	1960	1961
<b>Member institutions as of Dec. 31:</b>								
Number.....	3,930	4,336	4,426	4,501	4,570	4,624	4,716	4,815
Federal savings and loan associations.....	1,526	1,683	1,739	1,772	1,804	1,841	1,873	1,906
State-chartered savings and loan associations.....	2,368	2,624	2,659	2,703	2,739	2,758	2,821	2,889
Savings banks.....	29	26	26	24	25	24	22	20
Life insurance companies.....	7	3	2	2	2	1	-----	-----
<b>Assets:</b>	16,245	36,725	41,799	46,860	53,819	62,097	69,901	80,648
Federal savings and loan associations.....	8,457	20,035	22,973	25,733	29,652	34,362	38,511	43,805
State-chartered savings and loan associations.....	7,089	16,111	18,301	20,721	23,716	27,274	30,981	36,348
Savings banks.....	640	550	515	395	439	450	409	1,495
Life insurance companies.....	89	28	10	11	12	11	-----	-----
<b>Federal Home Loan Bank loans to members:</b>								
Advances made during year.....	675	1,252	745	1,116	1,364	2,067	1,943	2,882
Repayments during year.....	292	702	934	1,079	1,331	1,231	2,097	2,201
Advances outstanding Dec. 31.....	816	1,417	1,228	1,265	1,298	2,134	1,981	2,662

<sup>1</sup> Preliminary.

Source: Federal Home Loan Bank Board; *Savings and Home Financing Source Book*, and records.

### No. 600. FEDERAL HOME LOAN BANKS—PRINCIPAL ASSETS AND LIABILITIES: 1940 TO 1961

[In millions of dollars. As of December 31. Includes Alaska, Hawaii, Puerto Rico, and Guam. See headnote, table 599]

YEAR	ASSETS				LIABILITIES AND CAPITAL				
	Total assets <sup>1</sup>	Ad- vances out- stand- ing	Invest- ment securi- ties (face amount)	Cash <sup>1</sup>	Member deposits	Consoli- dated oblig- ations	Paid-in on capital stock		Re- serves and un- divided profits
							Mem- bers	U.S. Govt.	
1940.....	301	201	50	48	27	91	45	125	11
1945.....	343	195	117	29	46	69	74	125	21
1950.....	1,060	816	197	41	224	561	133	56	30
1955.....	2,249	1,417	766	62	698	973	516	-----	46
1956.....	2,326	1,228	1,028	62	683	963	607	-----	52
1957.....	2,289	1,265	906	106	653	826	685	-----	53
1958.....	2,390	1,208	1,000	82	819	714	769	-----	64
1959.....	3,344	2,134	1,095	104	689	1,774	866	-----	72
1960.....	3,302	1,981	1,238	166	938	1,266	989	-----	83
1961.....	4,066	2,662	1,157	236	1,180	1,571	1,107	-----	94

<sup>1</sup> Includes interbank deposits.

### No. 601. FEDERAL SAVINGS AND LOAN INSURANCE CORPORATION—SUMMARY OF INSURED INSTITUTIONS: 1950 TO 1961

[Money figures in millions of dollars. As of December 31. Includes Alaska, Hawaii, Puerto Rico, and Guam. See headnote, table 603. Federal Savings and Loan Insurance Corporation protects up to \$10,000 the savings of each investor in each insured savings and loan association]

ITEM	1950	1955	1956	1957	1958	1959	1960	1961
Number of associations.....	2,860	3,544	3,666	3,772	3,881	3,979	4,098	4,221
Total assets.....	13,691	34,198	39,338	44,459	51,311	59,550	67,430	77,984
Total mortgage loans, less pledged shares.....	11,181	28,686	32,917	37,094	42,594	49,970	58,812	65,525
Savings capital, private.....	11,374	29,241	34,152	38,773	44,670	51,160	58,662	67,312
FHLB advances.....	753	1,376	1,104	1,237	1,274	2,110	1,962	2,639
General reserves and undivided profits.....	956	2,246	2,637	3,041	3,521	4,057	4,631	5,349
Number of investors.....	1,000	8,111	15,627	17,764	19,788	21,832	24,324	27,129
Operations:								
New savings capital.....	4,543	12,521	14,346	15,685	17,470	20,902	23,789	26,782
Withdrawals.....	3,211	7,972	9,637	11,050	11,703	14,541	16,407	18,346
Mortgage loans made.....	4,352	10,457	9,695	9,668	11,560	14,577	13,801	16,836

### No. 602. ALL SAVINGS AND LOAN ASSOCIATIONS—TOTAL NUMBER AND SELECTED FINANCIAL ITEMS: 1940 TO 1961

[Money figures in millions of dollars. Includes Alaska, Hawaii, Puerto Rico, and Guam. See headnote, table 603. See also *Historical Statistics, Colonial Times to 1957*, series N 196-203]

END OF YEAR	Num- ber of associa- tions	Total assets	U.S. Gov- ern- ment obliga- tions	Savings capital— private	MORTGAGE LOANS OUTSTANDING				MORTGAGE LOANS MADE DURING YEAR		
					Total	FHA- In- sured	VA- guar- anteed	Con- ven- tional <sup>1</sup>	Total <sup>2</sup>	New con- struc- tion	Home pur- chase
1940.....	7,521	5,733	71	4,322	4,125	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	1,200	399	426
1950.....	5,992	16,893	1,487	13,992	13,667	848	2,673	9,836	5,237	1,767	2,246
1955.....	6,071	37,656	2,338	32,142	31,408	1,404	5,883	24,121	11,255	3,984	5,155
1957.....	6,169	48,138	3,173	41,912	40,007	1,643	7,011	31,353	10,160	3,484	4,591
1958.....	6,207	55,139	3,819	47,976	45,627	2,206	7,077	36,344	12,182	4,050	5,172
1959.....	6,223	63,830	4,477	54,583	53,141	2,995	7,186	42,960	15,151	5,201	6,613
1960.....	6,320	71,476	4,596	62,142	60,070	3,524	7,222	49,324	14,304	4,678	6,132
1961 (prel.).....	6,358	82,096	5,222	70,851	68,833	4,167	7,152	57,514	17,364	5,081	7,207

<sup>1</sup> Beginning 1958 includes shares pledged against mortgage loans.

<sup>2</sup> Includes loans for other purposes (repair, additions and alterations, refinancing, etc.).

<sup>3</sup> Not available.

Source of tables 600-602: Federal Home Loan Bank Board; *Savings and Home Financing Source Book*, and records.



**No. 603. ALL SAVINGS AND LOAN ASSOCIATIONS—TOTAL NUMBER AND SELECTED FINANCIAL ITEMS, BY STATES AND OTHER AREAS: 1959 AND 1960**

[Money figures in millions of dollars. As of December 31. Major balance sheet items for all operating and insured associations not identical with those shown in table 602, primarily because some State-chartered associations submit their reports on dates other than December 31]

STATE OR OTHER AREA	1959				1960			
	Number of associations	Total assets	First mortgage loans outstanding	Savings capital—private	Number of associations	Total assets	First mortgage loans outstanding	Savings capital—private
<b>Total.....</b>	<b>6,223</b>	<b>63,401</b>	<b>52,990</b>	<b>54,517</b>	<b>6,320</b>	<b>71,314</b>	<b>59,932</b>	<b>62,015</b>
Alabama.....	37	403	328	305	41	405	384	423
Alaska.....	3	12	10	11	3	14	12	13
Arizona.....	8	242	201	197	9	282	235	236
Arkansas.....	47	269	234	238	51	613	206	279
California.....	243	0,096	7,041	7,359	251	10,700	9,170	8,912
Colorado.....	56	734	607	628	55	842	706	726
Connecticut.....	43	643	545	558	41	702	596	600
Delaware.....	39	63	46	40	38	65	49	48
District of Columbia.....	24	1,134	1,007	968	24	1,257	1,121	1,080
Florida.....	107	2,826	2,283	2,503	112	3,236	2,640	2,905
Georgia.....	92	974	815	856	96	1,080	904	953
Hawaii.....	8	116	100	100	8	137	118	113
Idaho.....	13	101	139	139	12	168	145	151
Illinois.....	586	6,092	5,073	5,130	590	6,752	5,654	5,772
Indiana.....	225	1,657	1,340	1,452	221	1,834	1,480	1,623
Iowa.....	92	688	562	602	91	785	644	701
Kansas.....	103	728	614	628	102	828	703	710
Kentucky.....	120	810	681	723	127	913	763	817
Louisiana.....	87	856	745	745	88	944	811	839
Maine.....	32	94	82	78	32	107	92	91
Maryland.....	413	1,427	1,196	1,202	480	1,596	1,353	1,352
Massachusetts.....	214	2,001	1,640	1,746	209	2,103	1,757	1,831
Michigan.....	73	1,844	1,293	1,456	73	1,848	1,460	1,650
Minnesota.....	82	1,355	1,169	1,208	82	1,520	1,316	1,369
Mississippi.....	65	262	225	233	71	302	257	270
Missouri.....	155	1,590	1,374	1,365	156	1,781	1,530	1,553
Montana.....	18	119	101	107	18	128	109	116
Nebraska.....	56	401	326	350	53	475	373	419
Nevada.....	4	79	67	66	5	94	79	80
New Hampshire.....	26	148	127	128	26	163	141	141
New Jersey.....	438	2,510	2,130	2,247	431	2,782	2,385	2,502
New Mexico.....	23	154	128	139	26	178	147	161
New York.....	227	4,347	3,707	3,789	231	4,841	4,125	4,276
North Carolina.....	183	1,210	1,052	1,072	184	1,377	1,207	1,221
North Dakota.....	14	173	144	150	14	198	163	174
Ohio.....	578	6,032	4,802	5,208	577	6,589	5,272	5,795
Oklahoma.....	60	645	556	577	59	725	625	651
Oregon.....	25	402	320	331	27	407	379	397
Pennsylvania.....	841	3,530	3,040	3,018	831	3,869	3,351	3,326
Rhode Island.....	9	247	210	217	9	265	224	235
South Carolina.....	79	580	499	505	79	645	554	571
South Dakota.....	15	72	61	63	15	83	69	75
Tennessee.....	52	644	544	570	56	744	629	665
Texas.....	235	2,161	1,797	1,904	242	2,525	2,097	2,252
Utah.....	21	329	271	265	21	361	298	293
Vermont.....	8	43	37	37	8	44	39	39
Virginia.....	69	599	515	527	71	697	598	618
Washington.....	61	1,158	935	993	64	1,282	1,041	1,131
West Virginia.....	37	191	161	166	37	223	185	195
Wisconsin.....	154	1,616	1,391	1,383	154	1,767	1,529	1,517
Wyoming.....	10	72	60	63	11	82	70	73
Puerto Rico.....	6	71	58	57	7	82	64	69
Guam.....	1	1	1	1	1	2	1	1

Source: Federal Home Loan Bank Board; annual study, *Trends in the Savings and Loan Field*.

# **No. 604. INVESTMENTS OF INDIVIDUALS IN SAVINGS ACCOUNTS, U.S. SAVINGS BONDS, AND LIFE INSURANCE RESERVES: 1929 TO 1961**

[In millions of dollars. As of December 31. Includes Alaska and Hawaii. Minus sign (—) denotes decrease]

YEAR	Total	SAVINGS ACCOUNTS					U. S. savings bonds <sup>6</sup>	Life insurance reserves <sup>7</sup>	Net increase during year
		Savings and loan assns. <sup>1</sup>	Mutual savings banks <sup>2</sup>	Commercial banks <sup>3</sup>	Postal savings <sup>4</sup>	Credit unions <sup>5</sup>			
1929.....	47,206	6,237	8,797	19,165	169	37	-----	12,801	1,347
1930.....	48,304	6,296	9,384	18,647	260	37	-----	13,690	1,098
1933.....	41,113	4,750	9,606	10,979	1,229	36	-----	14,613	—1,470
1935.....	45,581	4,254	9,829	12,899	1,229	47	120	17,203	2,500
1940.....	59,336	4,322	10,618	15,403	1,342	235	2,753	24,663	3,457
1945.....	136,483	7,365	15,332	29,929	3,013	400	42,935	37,509	19,800
1950.....	176,303	13,992	20,002	35,200	3,035	892	49,552	53,630	5,844
1955.....	234,970	32,142	28,113	46,331	1,985	2,446	50,220	73,733	13,160
1957.....	262,515	41,912	31,652	53,751	1,401	3,382	48,226	82,191	14,014
1958.....	281,392	47,976	33,993	60,020	1,212	3,870	47,703	86,618	18,877
1959.....	295,536	54,583	34,934	62,949	1,016	4,442	46,907	91,705	14,144
1960.....	312,782	62,182	36,343	67,070	836	4,982	46,642	95,758	17,246
1961 (prel.).....	338,223	70,851	38,280	75,870	712	5,670	46,440	100,400	25,441

<sup>1</sup> Comprises savings accounts, deposits, and investment certificates. Excludes shares pledged against mortgage loans or investments by U.S. Government. Source: Federal Home Loan Bank Board.

<sup>2</sup> Source: Time deposits, 1929 to 1945, National Association of Mutual Savings Banks; and 1950 to 1959, Federal Deposit Insurance Corporation; total deposits, 1960 to date, National Association of Mutual Savings Banks.

<sup>3</sup> Time deposits of individuals, partnerships, and corporations. Source: 1929 to 1945, Comptroller of the Currency; and 1950 to date, Federal Deposit Insurance Corporation.

<sup>4</sup> Outstanding principal and accrued interest due depositors. Source: Post Office Department.

<sup>5</sup> Share capital and members' deposits. Source: Department of Health, Education, and Welfare.

<sup>6</sup> Current redemption value of savings held by individuals at year-end. Source: Treasury Department.

<sup>7</sup> Accumulations in U.S. legal reserve life insurance companies include reserves plus dividends left to accumulate minus premium notes and policy loans. Source: Institute of Life Insurance.

Source: Federal Home Loan Bank Board.

## **No. 605. STATE AND FEDERAL CREDIT UNIONS—SUMMARY: 1940 TO 1960**

[Federal unions include Alaska, Hawaii, Puerto Rico, Virgin Islands, and Canal Zone; State unions exclude Alaska, Canal Zone, Delaware, Hawaii, Nevada, South Dakota, Virgin Islands, and Wyoming. Data for State unions as furnished by State officials charged with supervision of State unions to the Bureau of Federal Credit Unions, the agency responsible for supervising Federal unions. See also *Historical Statistics, Colonial Times to 1957*, series X 403-414]

YEAR	CREDIT UNIONS REPORTING <sup>1</sup>			MEMBERS (1,000)			AMOUNTS OF LOANS OUTSTANDING AT END OF YEAR (\$1,000,000)			ASSETS (\$1,000,000)		
	Total	State	Federal	Total	State	Federal	Total	State	Federal	Total	State	Federal
1940.....	8,914	5,175	3,730	2,827	1,700	1,126	191	135	56	253	181	73
1943.....	8,983	5,124	3,859	3,024	1,721	1,302	123	87	35	355	228	127
1944.....	8,702	4,907	3,795	2,934	1,630	1,304	121	87	34	398	254	144
1945.....	8,615	4,858	3,757	2,843	1,626	1,217	126	91	35	435	282	153
1946.....	8,715	4,954	3,761	3,020	1,718	1,302	188	131	57	495	322	173
1947.....	8,942	5,097	3,845	3,340	1,804	1,446	280	189	91	591	381	210
1948.....	9,329	5,271	4,058	3,749	2,121	1,628	398	261	138	702	443	258
1949.....	9,897	5,402	4,495	4,091	2,271	1,820	516	329	186	827	511	316
1950.....	10,571	5,587	4,984	4,609	2,483	2,127	680	416	264	1,005	600	406
1951.....	11,284	5,886	5,398	5,196	2,732	2,464	747	447	300	1,198	694	505
1952.....	12,249	6,324	5,925	5,888	3,035	2,853	985	570	415	1,516	854	662
1953.....	13,504	6,986	6,518	6,636	3,380	3,255	1,308	734	574	1,895	1,041	864
1954.....	14,940	7,713	7,227	7,356	3,757	3,599	1,552	870	682	2,270	1,237	1,033
1955.....	16,064	8,258	7,806	8,154	4,121	4,032	1,934	1,071	863	2,743	1,476	1,267
1956.....	17,113	8,768	8,350	9,051	4,549	4,502	2,326	1,277	1,040	3,271	1,742	1,520
1957.....	18,049	9,314	8,735	9,802	4,904	4,898	2,778	1,521	1,257	3,810	2,021	1,789
1958.....	18,770	9,740	9,030	10,539	5,329	5,210	3,077	1,698	1,380	4,347	2,312	2,035
1959.....	19,408	9,961	9,447	11,320	5,677	5,643	3,718	2,051	1,667	5,029	2,676	2,353
1960.....	20,056	10,151	9,905	12,058	5,971	6,087	4,403	2,381	2,021	5,658	2,989	2,670

<sup>1</sup> Does not represent total number of credit unions chartered; reports are not received from all credit unions in operation, and some credit unions are inactive. Beginning 1945, the number of Federal credit unions reporting is the same as the number in operation.

Source: Department of Health, Education, and Welfare, Social Security Administration; *Report of Operations of Federal Credit Unions*, and *Social Security Bulletin*.

## No. 606. POSTAL SAVINGS BUSINESS—SUMMARY: 1940 TO 1961

[As of June 30 in 1940 and 1950, and varying dates in June thereafter. Includes Alaska, Hawaii, Puerto Rico, and Virgin Islands. See also *Historical Statistics, Colonial Times to 1967*, series X 240-244]

ITEM	1940	1950	1957	1958	1959	1960	1961
Depositories in operation-----	7,980	8,235	7,369	6,871	6,324	5,923	5,484
Offices-----	7,172	7,215	6,483	6,037	5,537	5,189	4,848
Branches and stations-----	808	1,020	886	834	787	734	636
Deposits-----\$1,000-----	923,266	1,827,913	353,628	241,239	192,887	145,082	114,884
Withdrawals-----do-----	892,149	2,007,999	656,830	489,900	363,042	360,475	251,248
Balance to credit of depositors <sup>1</sup> \$1,000-----	1,293,409	3,097,316	1,462,268	1,213,608	1,043,453	838,060	701,696
Number of depositors <sup>1</sup> -----	2,816,408	3,779,784	2,200,508	1,925,852	1,740,082	1,550,930	1,397,538
Average principal per depositor-----	\$459	\$819	\$665	\$630	\$600	\$540	\$502
Balance on deposit in banks--\$1,000--	43,132	9,507	27,214	24,340	21,760	19,138	17,846

<sup>1</sup> Includes accounts shown on balance sheet as unclaimed.

Source: Post Office Department, Office of the Postmaster General; annual report, *Report of Operations of the Postal Savings System, 1961*.

## No. 607. SHORT- AND INTERMEDIATE-TERM CONSUMER CREDIT, BY MAJOR PARTS: 1940 TO 1962

[In millions of dollars. Beginning 1959, includes Alaska and Hawaii. 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 1967*, series X 416-422]

TYPE OF CREDIT	1940	1950	1955	1957	1958	1959	1960	1961	1962, Mar.
Credit outstanding-----	8,338	21,471	38,807	44,848	44,984	51,331	55,757	57,139	55,680
Installment-----	5,514	14,703	28,883	33,745	33,497	39,034	42,588	43,163	42,704
Automobile paper <sup>1</sup> -----	2,071	6,074	13,437	15,213	14,007	16,209	17,444	16,960	17,039
Other consumer goods paper <sup>1</sup> -----	1,827	4,799	7,641	8,844	9,028	10,630	11,525	11,771	11,256
Repair and modernization loans <sup>2</sup> -----	371	1,016	1,693	2,101	2,346	2,809	3,139	3,177	3,084
Personal loans-----	1,245	2,814	6,112	7,682	8,116	9,386	10,480	11,255	11,325
Noninstallment-----	2,824	6,768	9,924	11,103	11,487	12,297	13,160	13,976	12,976
Single-payment loans-----	800	1,821	3,002	3,394	3,627	4,129	4,507	4,955	5,056
Charge accounts-----	1,471	3,367	4,795	5,146	5,060	5,104	5,329	5,438	4,191
Service credit-----	553	1,580	2,127	2,563	2,800	3,064	3,333	3,583	3,729
INSTALLMENT CREDIT									
Extended-----	8,219	21,558	38,944	41,871	39,962	47,818	49,313	47,084	4,301
Repaid-----	7,208	18,445	33,629	39,775	40,211	42,435	45,759	47,412	4,220

<sup>1</sup> Comprises credit for purchases (which may be used in part for business), whether held by retail outlets or financial institutions.

<sup>2</sup> Holdings of financial institutions. Holdings of retail outlets are included in "Other consumer goods paper."

Source: Board of Governors of the Federal Reserve System; published currently in *Federal Reserve Bulletin*.

## No. 608. CONSUMER INSTALLMENT CREDIT, BY HOLDER: 1940 TO 1962

[In millions of dollars. As of end of year or month. Beginning 1959, includes Alaska and Hawaii. Estimated amounts outstanding]

HOLDER	1940	1945	1950	1955	1958	1959	1960	1961	1962, Mar.
Total-----	5,514	2,462	14,703	28,883	33,497	39,034	42,588	43,163	42,704
Financial institutions-----	3,918	1,776	11,805	24,375	28,514	33,359	36,974	37,680	37,509
Commercial banks-----	1,452	745	6,798	10,001	12,780	15,227	16,672	16,843	16,779
Sales finance companies-----	1,575	300	3,711	8,424	8,699	10,108	11,238	11,052	11,049
Credit unions-----	171	102	590	1,678	2,085	3,280	3,923	4,362	4,355
Consumer finance companies <sup>1</sup> -----			1,286	2,623	3,085	3,337	3,670	3,798	3,795
Other <sup>1</sup> -----	720	629	420	1,049	1,282	1,407	1,481	1,535	1,531
Retail outlets-----	1,596	686	2,898	4,508	4,983	5,676	5,615	5,583	5,195
Department stores <sup>2</sup> -----	394	131	746	1,611	1,882	2,292	2,414	2,421	2,227
Furniture stores-----	474	240	827	1,044	1,128	1,225	1,107	1,080	1,018
Household appliance stores-----	196	17	267	365	292	310	333	359	305
Automobile dealers <sup>3</sup> -----	107	28	287	487	806	881	859	859	856
Other-----	865	270	771	1,101	1,175	1,368	1,402	1,401	1,230

<sup>1</sup> Consumer finance companies included with "Other" financial institutions until September 1950.

<sup>2</sup> Includes mail-order houses.

<sup>3</sup> Automobile paper only; other installment credit held by automobile dealers is included with "Other" retail outlets.

Source: Board of Governors of the Federal Reserve System; published currently in *Federal Reserve Bulletin*.

### No. 609. CONSUMER INSTALLMENT CREDIT HELD BY FINANCIAL INSTITUTIONS, BY TYPE OF CREDIT: 1940 TO 1962

[In millions of dollars. As of end of year or month. Beginning 1959, includes Alaska and Hawaii. Estimated amounts outstanding]

HOLDER AND TYPE OF CREDIT	1940	1945	1950	1955	1958	1959	1960	1961	1962, Mar.
<b>Held by commercial banks.....</b>	<b>1,452</b>	<b>745</b>	<b>5,798</b>	<b>10,601</b>	<b>12,780</b>	<b>15,227</b>	<b>16,672</b>	<b>16,843</b>	<b>16,779</b>
Automobile paper.....	615	209	2,471	5,305	6,184	7,352	8,136	8,169	8,232
Purchased.....	339	66	1,177	3,243	4,014	4,827	5,316	5,307	5,364
Direct.....	276	143	1,294	2,062	2,170	2,525	2,820	2,862	2,918
Other consumer goods paper.....	232	114	1,466	2,042	2,269	2,640	2,759	2,684	2,540
Repair and modernization loans.....	165	110	834	1,398	1,715	2,039	2,200	2,180	2,100
Personal loans.....	440	312	1,037	1,916	2,612	3,196	3,577	3,810	3,848
<b>Held by sales finance companies.....</b>	<b>1,575</b>	<b>300</b>	<b>3,711</b>	<b>8,424</b>	<b>8,699</b>	<b>10,108</b>	<b>11,228</b>	<b>11,052</b>	<b>11,049</b>
Automobile paper.....	1,187	164	2,656	6,882	6,165	6,976	7,284	6,590	6,564
Other consumer goods paper.....	138	24	632	1,048	1,717	2,114	2,739	3,100	3,118
Repair and modernization loans.....	190	58	61	28	36	72	139	161	163
Personal loans.....	62	54	162	466	781	946	1,066	1,201	1,214
<b>Held by other financial institutions.....</b>	<b>891</b>	<b>731</b>	<b>2,296</b>	<b>5,350</b>	<b>7,035</b>	<b>8,024</b>	<b>9,074</b>	<b>9,685</b>	<b>9,681</b>
Automobile paper.....	102	54	360	763	1,152	1,400	1,665	1,842	1,847
Other consumer goods paper.....	30	20	200	530	565	681	771	763	760
Repair and modernization loans.....	16	14	121	327	595	698	800	836	821
Personal loans.....	743	643	1,615	3,730	4,723	5,244	5,837	6,244	6,233

### No. 610. MONEY MARKET RATES: 1940 TO 1961

[Percent per annum. See also *Historical Statistics, Colonial Times to 1967*, series X 805-311]

YEARLY AVERAGE	Prime commercial paper, 4 to 6 months <sup>1</sup>	Finance company paper placed directly, 3 to 6 months <sup>1</sup>	Prime bankers' acceptances, 90 days <sup>1</sup>	Stock exchange time loans, 90 days <sup>1</sup>	Stock exchange call loan renewals <sup>2</sup>	U.S. GOVT. SECURITIES (TAXABLE) <sup>3</sup>			
						3-month bills		9- to 12-month issues <sup>4</sup>	3- to 5-year issues <sup>5</sup>
						Market yield	Rate on new issues <sup>4</sup>		
1940.....	0.56	0.75	0.44	1.25	1.00	-----	0.014	-----	-----
1945.....	0.75	0.63	0.44	1.25	1.00	-----	0.375	0.81	1.18
1950.....	1.45	1.41	1.15	1.59	1.63	1.20	1.218	1.26	1.50
1955.....	2.18	1.97	1.71	3.01	3.20	1.73	1.753	1.89	2.50
1957.....	3.81	3.55	3.45	4.35	4.50	3.23	3.267	3.53	3.92
1958.....	2.46	2.12	2.04	3.62	3.72	1.78	1.839	2.09	2.90
1960.....	3.85	3.54	3.51	4.99	4.99	2.87	2.928	3.55	3.99
1961.....	2.97	2.68	2.81	4.50	4.50	2.36	2.378	2.91	3.60

<sup>1</sup> For 1940, average of weekly prevailing rates; thereafter, of daily prevailing rates.

<sup>2</sup> Averages of daily prevailing rates; beginning 1960, only a going rate is quoted.

<sup>3</sup> Except for new bill issues, yields are averages computed from daily closing bid prices.

<sup>4</sup> For 1940, tax-exempt bills.

<sup>5</sup> Comprises certificates of indebtedness and selected note and bond issues.

<sup>6</sup> Comprises selected note and bond issues.

### No. 611. BANK RATES ON SHORT-TERM BUSINESS LOANS, BY BANKS IN SELECTED CITIES AND BY SIZE OF LOAN: 1940 TO 1961

[Percent per annum. Estimates based on statistics reported by large banks in 19 leading cities. Short-term loans comprise loans maturing in one year or less. "Interest rate," as used here, includes discount rates. See also *Historical Statistics, Colonial Times to 1967*, series X 322-325]

YEAR	Average, 19 cities	New York City	7 other Northern and Eastern cities	11 Southern and Western cities	SIZE OF LOAN			
					\$1,000 to \$10,000	\$10,000 to \$100,000	\$100,000 to \$200,000	\$200,000 and over
1940.....	2.1	1.8	2.0	2.5	4.3	3.0	2.0	1.8
1945.....	2.2	2.0	2.5	2.5	4.3	3.2	2.3	2.0
1950.....	2.7	2.4	2.7	3.2	4.5	3.6	3.0	2.4
1955.....	3.7	3.5	3.7	4.0	5.0	4.4	4.0	3.5
1960.....	5.2	5.0	5.2	5.5	6.0	5.7	5.4	5.0
1961.....	5.0	4.8	5.0	5.3	5.9	5.5	5.2	4.8

Source of tables 609-611: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*, and records.

**No. 612. SECURITIES LISTED ON NEW YORK STOCK EXCHANGE—VALUES AND AVERAGE PRICE: 1940 TO 1962**

[Value, except average price, in millions of dollars. As of January 1]

YEAR	BONDS <sup>1</sup>			STOCKS			YEAR	BONDS <sup>1</sup>			STOCKS		
	Face value	Market value	Average price	Shares (millions)	Market value	Average price		Face value	Market value	Average price	Shares (millions)	Market value	Average price
1940....	54,067	49,920	\$92.33	1,435	46,408	\$32.37	1957....	108,109	99,022	\$91.59	4,462	219,176	\$40.12
1945....	111,116	112,621	101.35	1,492	55,512	37.21	1958....	111,830	106,073	94.85	4,804	195,570	40.71
1950....	125,410	128,464	102.43	2,166	76,292	35.22	1959....	115,981	105,866	91.28	5,017	276,666	55.15
1954....	101,539	99,828	98.32	2,927	117,257	40.06	1960....	120,508	105,422	87.48	5,847	307,708	52.62
1955....	106,438	106,517	100.07	3,174	169,149	53.29	1961....	116,147	108,257	93.21	6,458	306,967	47.53
1956....	107,898	104,760	97.08	3,836	207,699	54.14	1962....	113,416	104,634	92.26	7,088	387,841	54.72

<sup>1</sup> Beginning 1950, figures include bonds of International Bank for Reconstruction and Development.

Source: New York Stock Exchange, New York, N.Y.; *Fact Book*. Monthly data published by Department of Commerce, Office of Business Economics, in *Survey of Current Business*.

**No. 613. SALES OF STOCKS AND BONDS ON ALL REGISTERED EXCHANGES: 1940 TO 1961**

[All money figures in millions of dollars; number of shares of stock in millions. Stock sales include rights and warrants and cover actual volume of sales as distinguished from ticker or "reported" volume in table 614]

YEAR	ALL REGISTERED EXCHANGES						NEW YORK STOCK EXCHANGE					
	Market value of all sales	Stocks		Bonds		Market value of all sales	Stocks		Bonds		Market value of all sales	Market value
		Shares	Market value	Par value	Market value		Shares	Market value	Par value	Market value		
1940.....	9,726	377	8,412	2,081	1,314	8,223	285	7,171	1,760	1,053		
1945.....	18,112	767	16,270	2,691	1,842	15,190	507	13,474	2,509	1,716		
1950.....	22,840	892	21,802	1,278	1,038	19,735	682	18,735	1,228	1,000		
1951.....	22,127	863	21,302	955	825	19,013	643	18,215	915	797		
1952.....	18,179	732	17,388	899	791	15,531	522	14,761	898	769		
1953.....	17,488	716	16,708	909	781	15,010	520	14,250	875	760		
1954.....	29,156	1,053	28,130	1,121	1,026	25,267	749	24,204	1,089	1,003		
1955.....	30,261	1,320	28,029	1,261	1,231	34,038	910	32,830	1,226	1,207		
1956.....	36,360	1,182	35,133	1,253	1,227	31,064	784	29,855	1,229	1,209		
1957.....	33,360	1,292	32,206	1,253	1,154	28,686	914	27,547	1,235	1,140		
1958.....	39,962	1,400	38,408	1,583	1,554	34,351	999	32,818	1,561	1,533		
1959.....	53,877	1,698	51,985	1,816	1,892	45,368	1,115	43,504	1,733	1,864		
1960.....	46,901	1,440	45,294	1,614	1,607	39,552	987	37,972	1,587	1,580		
1961.....	66,068	2,141	64,045	1,954	2,023	54,785	1,765	52,820	1,909	1,964		

Source: Securities and Exchange Commission; *Statistical Bulletin*, published monthly.

**No. 614. SALES ON NEW YORK STOCK EXCHANGE—VOLUME: 1910 TO 1961**

[See also *Historical Statistics, Colonial Times to 1957*, series X 373-377]

YEAR	Stocks, millions of shares <sup>1</sup>	BONDS, PAR VALUE (mil. dol.) <sup>2</sup>				YEAR	Stocks, millions of shares <sup>1</sup>	BONDS, PAR VALUE (mil. dol.) <sup>2</sup>			
		Total <sup>3</sup>	Corpo-rate	U. S. Gov-ernment	State, munic-ipal, foreign <sup>3</sup>			Total	Corpo-rate	U. S. Gov-ernment	State, munic-ipal, foreign
1910.....	164	635	592	(4)	43	1948.....	295	1,014	925	1	87
1915.....	173	961	907	3	51	1949.....	271	818	725	(4)	93
1920.....	227	3,977	3,227	2,861	289	1950.....	525	1,112	1,008	2	103
1925.....	464	3,384	2,532	391	661	1951.....	444	824	730	2	92
1929.....	1,125	2,982	2,182	142	658	1952.....	338	773	693	(4)	80
1930.....	810	2,764	1,927	116	721	1953.....	355	776	683	(4)	93
1932.....	425	2,967	1,642	570	755	1954.....	573	980	856	(4)	124
1933.....	655	3,369	2,099	501	769	1955.....	650	1,046	962	(4)	84
1935.....	382	3,339	2,287	674	378	1956.....	556	1,069	1,013	(4)	56
1940.....	208	1,669	1,414	39	216	1957.....	560	1,082	1,031	(4)	50
1945.....	378	2,262	2,148	8	106	1958.....	747	1,382	1,314	(4)	68
1946.....	364	1,364	1,265	19	81	1959.....	820	1,586	1,517	(4)	69
1947.....	254	1,076	970	3	102	1960.....	767	1,346	1,271	(4)	76
						1961.....	1,021	1,636	1,556	(4)	70

<sup>1</sup> Data cover ticker or "reported" volume which excludes odd-lots, stopped sales, private sales, split openings, crossed transactions, and errors of omission. Totals are therefore less than the actual volume shown in table 613.

<sup>2</sup> Exclusive of stopped sales.

<sup>3</sup> Beginning July 1947, includes bonds of the International Bank for Reconstruction and Development.

<sup>4</sup> Less than \$500,000.

Source: William B. Dana Co., New York, N.Y.; *Commercial and Financial Chronicle*.

# No. 615. PRINCIPAL COMMODITY FUTURES—VOLUME OF TRADING ON ALL CONTRACT MARKETS: 1940 TO 1961

[For years ending June 30. Includes trading by persons located in Alaska and Hawaii. Compiled from daily reports of all clearing members of each contract market]

YEAR	Wheat	Corn	Oats	Rye	Soybeans	Cotton	Eggs
	<i>Mil. bu.</i>	<i>Mil. bu.</i>	<i>Mil. bu.</i>	<i>Mil. bu.</i>	<i>Mil. bu.</i>	<i>1,000 bales</i>	<i>Carlots</i>
1940.....	8,375	1,892	451	409	118	44,561	49,271
1945.....	2,425	491	1,090	3,979	(1)	37,813	40,720
1950.....	4,202	2,013	1,048	582	3,614	52,697	56,838
1955.....	3,909	2,214	758	815	4,952	50,395	268,507
1956.....	4,181	2,762	687	574	5,542	39,594	425,900
1957.....	4,880	2,276	643	913	4,480	22,306	368,816
1958.....	5,205	2,011	454	998	3,943	25,202	371,701
1959.....	4,559	2,009	533	781	2,794	19,709	374,302
1960.....	2,577	1,681	577	713	5,612	4,903	412,297
1961.....	2,489	2,126	840	462	12,593	2,878	489,750

<sup>1</sup> Trading suspended.

Source: Department of Agriculture, Commodity Exchange Authority; annual report, *Commodity Futures Statistics*.

# No. 616. SECURITIES—SALES EFFECTED ON SECURITIES EXCHANGES: 1951 TO 1961

[In thousands. Value and volume of sales effected on registered securities exchanges are reported in connection with fees paid under sec. 31 of the Securities Exchange Act of 1934. For most exchanges, figures represent transactions cleared during year]

EXCHANGE	Total market value	STOCKS <sup>1</sup>		BONDS <sup>2</sup>		RIGHTS AND WARRANTS	
		Market value	Number of shares	Market value	Prin- cipal amount	Mar- ket value	Num- ber of units
REGISTERED EXCHANGES							
1951.....	\$22,127,166	\$21,250,671	786,132	\$825,066	\$955,294	\$45,489	76,650
1952.....	18,178,365	17,327,702	626,922	791,442	899,125	59,221	104,601
1953.....	17,488,453	16,660,515	633,532	780,782	909,032	47,155	82,128
1954.....	29,156,725	28,075,114	993,876	1,026,318	1,121,048	55,294	58,987
1955.....	39,260,611	37,808,054	1,212,369	1,231,372	1,261,489	161,185	108,017
1956.....	36,359,779	35,018,892	1,083,789	1,226,986	1,252,598	113,002	97,873
1957.....	33,300,273	32,059,020	1,070,093	1,154,256	1,252,704	146,997	222,332
1958.....	39,961,671	38,264,291	1,306,297	1,553,627	1,583,051	143,754	93,302
1959.....	63,877,250	51,863,025	1,604,623	1,891,894	1,816,130	121,731	93,814
1960.....	46,900,630	45,218,847	1,388,610	1,606,985	1,614,233	74,797	51,316
1961.....	66,067,787	63,802,451	2,010,436	2,022,766	1,953,823	242,571	130,842
American.....	6,921,030	6,751,977	525,289	57,910	44,622	111,133	22,872
Boston.....	318,944	318,520	6,269	-----	-----	424	283
Cincinnati.....	46,607	46,539	894	60	84	8	14
Detroit.....	240,617	240,632	6,533	-----	-----	85	58
Midwest.....	1,764,807	1,761,746	43,791	158	176	2,903	3,734
New York Stock.....	64,784,685	62,698,552	1,292,280	1,964,379	1,908,652	121,754	100,293
Pacific Coast.....	1,279,840	1,275,109	70,639	24	17	4,707	2,550
Philadelphia-Baltimore.....	665,110	663,320	16,093	233	272	1,557	1,020
Pittsburgh.....	35,400	35,400	1,026	-----	-----	-----	-----
Salt Lake.....	3,049	3,049	19,573	-----	-----	-----	-----
San Francisco Mining.....	2,894	2,894	20,129	-----	-----	-----	-----
Spokane.....	4,815	4,815	8,011	-----	-----	-----	-----
EXEMPTED EXCHANGES <sup>3</sup>							
1961.....	26,726	26,453	1,225	28	30	245	142
Colorado Springs.....	80	80	313	-----	-----	-----	-----
Honolulu.....	25,635	25,361	889	28	30	245	142
Richmond.....	686	686	16	-----	-----	-----	-----
Wheeling.....	325	325	7	-----	-----	-----	-----

<sup>1</sup> Includes voting trust certificates, American depositary receipts, and certificates of deposit for stocks.

<sup>2</sup> Excludes U.S. Government bonds.

<sup>3</sup> Exchanges exempted from registration by reason of the limited volume of transactions effected.

Source: Securities and Exchange Commission.

# No. 617. SELECTED DEBIT AND CREDIT BALANCES OF STOCK EXCHANGE FIRMS CARRYING MARGIN ACCOUNTS: 1940 TO 1961

[In millions of dollars. As of June 30. Data relate to member firms of New York Stock Exchange carrying margin accounts. Figures derived from money balances as shown by ledger and exclude value of securities carried for customers or owned by firms. See also *Historical Statistics, Colonial Times to 1957*, series X 381-384, for related data as of end of year]

YEAR	DEBIT BALANCES				CREDIT BALANCES				
	Custom- ers' debit balances (net) <sup>1</sup>	Debit balances in investment and trading accounts of—		Cash on hand and in banks	Money bor- rowed <sup>2</sup>	Custom- ers' credit bal- ances <sup>1</sup>	Credit balances in investment and trading accounts of—		Credit balances in capital accounts (net)
		Partners	Firm				Partners	Firm	
1940.....	653	12	58	223	375	329	22	5	269
1945.....	1,223	11	333	220	854	670	14	13	264
1950.....	1,256	12	386	314	827	839	26	11	312
1951.....	1,275	10	375	364	680	1,059	26	13	319
1952.....	1,327	9	427	365	912	927	23	16	324
1953.....	1,684	7	347	282	1,216	816	23	16	319
1954.....	1,857	10	492	309	1,173	1,086	23	45	372
1955.....	2,768	14	673	337	2,115	1,158	31	62	469
1956 <sup>3</sup> .....	2,811	21	625	322	2,266	1,044	34	34	466
1958.....	3,179	35	821	324	2,386	1,401	34	82	483
1959.....	3,535	36	622	363	2,507	1,347	38	71	604
1960.....	3,185	37	683	366	2,331	1,252	37	61	612
1961.....	4,072	58	875	422	2,880	1,599	47	100	797

<sup>1</sup> Excludes balances of member firms of New York Stock Exchange and other national securities exchanges and of firms' own partners.

<sup>2</sup> Comprises money borrowed from banks and from other lenders (excluding member firms of national securities exchanges).

<sup>3</sup> 1957 data not collected.

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*.

## No. 618. MARGIN REQUIREMENTS ON SECURITIES CREDIT: 1945 TO 1962

[Prescribed in accordance with Securities Exchange Act of 1934. Regulations limit the amount of credit that may be extended on a security by prescribing a maximum loan value, which is a specified percentage of its market value at the time of the extension; the margin requirement is the difference between the market value (100 percent) and the maximum loan value. Data shown here are for regular accounts. For rates for 1934 to 1945, see *Statistical Abstract, 1957*, table 554. See also *Historical Statistics, Colonial Times to 1957*, series X 378-380]

EFFECTIVE DATE	MARGIN REQUIRED (percent of market value)			EFFECTIVE DATE	MARGIN REQUIRED (percent of market value)		
	For credit by brokers and dealers on listed securities	For short sales	For loans by banks on stocks		For credit by brokers and dealers on listed securities	For short sales	For loans by banks on stocks
Feb. 5, 1945.....	50	50	50	Jan. 4, 1955 <sup>1</sup> .....	60	60	60
July 5, 1945.....	75	75	75	Apr. 23, 1955.....	70	70	70
Jan. 21, 1946.....	100	100	100	Jan. 16, 1958.....	50	50	50
Feb. 1, 1947.....	75	75	75	Aug. 5, 1958.....	70	70	70
Mar. 30, 1949.....	50	50	50	Oct. 16, 1958.....	90	90	90
Jan. 17, 1951.....	75	75	75	July 28, 1960.....	70	70	70
Feb. 20, 1953 <sup>1</sup> .....	50	50	50	In effect July 10, 1962.	50	50	50

<sup>1</sup> Effective after the close of business.

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*.

# No. 619. DIVIDENDS PER SHARE (ANNUAL RATES) FOR 200 COMMON STOCKS: 1940 to 1961

YEAR	Total, 200 stocks <sup>1</sup>	Industrial, 125 stocks	Public utility, 24 stocks	Railroad, 25 stocks	Bank, 15 stocks	Insurance, 10 stocks
1940.....	\$1.78	\$1.67	\$1.54	\$1.08	\$2.08	\$1.62
1945.....	1.92	1.75	1.30	2.19	2.00	1.62
1950.....	3.53	3.77	1.76	2.18	2.50	2.46
1955.....	4.76	5.13	2.21	3.43	3.19	3.40
1958.....	5.29	5.75	2.50	3.32	3.76	4.08
1959.....	5.41	5.81	2.61	3.42	3.82	4.29
1960.....	6.59	6.03	2.08	3.53	3.97	4.75
1961.....	5.70	6.07	2.81	3.37	4.21	5.18

<sup>1</sup> Includes American Telephone and Telegraph Co. stock; excluded from "public utility."

Source: Moody's Investors Service, New York, N. Y. Monthly data published by Department of Commerce, Office of Business Economics, in *Survey of Current Business*.

## No. 620. BOND AND STOCK PRICES: 1940 TO 1961

[See also *Historical Statistics, Colonial Times to 1967*, series X 348-354]

CLASS	1940	1950	1955	1957	1958	1959	1960	1961
<b>BOND PRICES</b> (dollars per \$100 bond)								
U. S. Government <sup>1</sup> .....		102.5	102.4	93.2	94.0	85.5	86.2	87.6
Standard and Poor's Corporation:								
Municipal (15 bonds) <sup>2</sup> .....	123.6	133.4	123.1	105.8	106.4	100.7	103.9	107.8
Corporate, high grade (21 bonds, A1+ issues) <sup>3</sup> .....	116.3	121.9	114.4	101.3	102.0	95.0	94.6	95.2
<b>STOCK PRICES</b> (dollars per share, except indexes)								
Standard and Poor's Corporation:								
Preferred (14 stocks) <sup>4</sup> .....	169.2	181.7	174.8	151.4	157.4	149.5	147.4	150.2
Common (index, 1941-43=10) <sup>5</sup> .....								
Total (500 stocks).....	11.02	18.40	40.49	44.38	46.24	57.38	55.85	66.27
Industrial (425 stocks).....	10.60	18.33	42.40	47.63	49.36	61.45	59.43	69.09
Railroad (25 stocks).....	9.41	15.63	32.94	28.11	27.05	35.09	30.31	32.83
Public utility (50 stocks).....	15.05	19.06	31.37	32.19	37.22	44.15	46.86	60.20
Dow Jones and Co., Inc. <sup>6</sup> .....								
Total (35 stocks).....	45.28	77.69	161.34	164.83	169.27	212.78	204.57	232.44
Industrial (30 stocks).....	134.74	216.31	442.72	475.71	491.66	632.12	618.04	661.55
Railroad (20 stocks).....	28.60	60.72	155.04	134.97	125.33	161.14	138.93	143.62
Public utility (15 stocks).....	22.61	41.29	64.27	69.60	78.56	89.71	91.39	117.10
Moody's per share, monthly average: <sup>7</sup>								
Total (200 stocks).....	33.84	56.23	117.36	125.46	132.02	163.47	155.46	185.68
Industrial (125 stocks).....	31.76	57.83	130.66	143.65	149.81	186.26	173.18	199.95
Railroad (25 stocks).....	20.16	33.60	70.21	59.51	59.29	74.11	62.46	68.24
Public utility (24 stocks).....	25.64	31.23	49.24	49.42	57.06	66.35	69.82	90.56
Securities and Exchange Commission: <sup>8</sup>								
Common (index, 1957-59=100):								
Total (300 stocks).....	25.3	41.4	81.8	89.8	93.2	116.7	113.9	134.2
Manufacturing (193 stocks).....	19.8	35.2	79.5	90.7	92.5	116.5	110.9	126.7
Durable (108 stocks).....	20.6	33.5	78.7	88.5	90.4	120.8	117.3	129.2
Nondurable (85 stocks).....	19.1	36.6	80.1	92.8	94.4	112.6	104.9	124.4
Transportation (18 stocks).....	33.5	54.1	108.2	93.2	91.0	115.6	95.8	105.7
Public utility (34 stocks).....	55.4	60.4	84.8	86.3	95.8	117.6	129.3	168.4
Trade, finance, and service (45 stocks).....	26.5	53.9	87.1	82.2	95.1	122.3	127.4	160.2
Mining (10 stocks).....	22.1	42.0	91.6	107.2	97.0	95.0	73.8	92.5

<sup>1</sup> Through 1950, straight average of market prices of all taxable marketable bonds due or callable in 15 years and over; thereafter, on the basis of an assumed 3 percent 20-year bond.

<sup>2</sup> Prices derived from average yields on basis of an assumed 4 percent 20-year bond based on Wednesday closing prices.

<sup>3</sup> Based on composite of data (including industrial, utility, and railroad) and are a conversion of yield indexes, based on yield to maturity of each bond and assuming a 4-percent coupon with 20 years to maturity. Prices are averages of weekly data for A1+ bonds (17 to 21 bonds represented).

<sup>4</sup> Prices derived from averages of median yields on noncallable high-grade stocks on basis of a \$7 annual dividend. Data from Board of Governors, Federal Reserve System.

<sup>5</sup> Based on daily closing prices; indexes weighted by number of shares of each stock outstanding in base period, with adjustment when necessary to offset changes in capitalization. Number of stocks represents number currently used; continuity of series not affected by change in number.

<sup>6</sup> Averages of daily closing figures. Changes have been made in stocks used at various times. However, the number of stocks has remained constant over the period shown here.

<sup>7</sup> Based on prices end of month. 200 stocks used represent for the most part an identical list, except in public utility group, which is a continuous series composed of 24 electric utilities (representing combined holding and operating electric companies for 1940 and operating electric companies thereafter). Data for A. T. & T. Co. included in figures for 200 stocks; excluded from utilities in order to show more clearly the trend for electric companies.

<sup>8</sup> Includes also 15 banks and 10 insurance stocks and 1 additional public utility stock (see footnote 7).

<sup>9</sup> Averages of weekly closing prices. Number of stocks represents number currently used.

Source: Department of Commerce, Office of Business Economics (except as noted); monthly data published in *Survey of Current Business*. (For original sources, see table stub.)



## No. 621. BOND AND STOCK YIELDS—PERCENT: 1940 TO 1961

[See also *Historical Statistics, Colonial Times to 1957*, series X 330-347]

CLASS	1940	1950	1955	1957	1958	1959	1960	1961
<b>BONDS</b>								
U. S. Government <sup>1</sup> .....		2.32	2.84	3.47	3.43	4.07	4.01	3.90
Municipal (Standard & Poor's Corp., 15 bonds).....	2.50	1.98	2.63	3.60	3.56	3.95	3.73	3.46
Municipal (Bond Buyer, 20 bonds).....	2.62	1.90	2.49	3.28	3.18	3.58	3.51	3.46
Corporate (Moody's Investors Service), by type: <sup>2</sup>								
Total (110 bonds).....	3.55	2.86	3.25	4.21	4.16	4.65	4.73	4.66
Industrial (38 bonds).....	3.10	2.67	3.19	4.12	3.98	4.53	4.59	4.54
Railroad (32 bonds).....	4.30	3.10	3.34	4.32	4.39	4.73	4.92	4.82
Public utility (40 bonds).....	3.25	2.82	3.22	4.18	4.10	4.70	4.69	4.57
Corporate, by years to maturity: <sup>3</sup>								
5 years.....	1.28	1.90	2.70	3.50	3.25	3.80	4.73	3.75
10 years.....	1.95	2.30	2.80	3.50	3.33	4.08	4.60	4.00
20 years.....	2.55	2.48	2.95	3.50	3.47	4.10	4.55	4.12
30 years.....	2.70	2.58	3.04	3.78	3.61	4.10	4.55	4.22
<b>STOCKS</b>								
Preferred (Standard & Poor's Corp., 14 stocks) <sup>4</sup> .....	4.14	3.85	4.01	4.63	4.45	4.69	4.75	4.66
Common (Moody's Investors Service): <sup>5</sup>								
Total (200 stocks) <sup>7</sup> .....	5.3	6.3	4.1	4.3	4.1	3.8	3.6	3.1
Industrial (125 stocks).....	5.3	6.5	3.9	4.1	3.9	3.1	3.5	3.0
Railroad (25 stocks).....	5.4	6.5	4.9	6.8	5.7	4.6	5.7	4.9
Public utility (24 stocks).....	6.0	5.7	4.5	4.9	4.3	3.9	3.8	3.1

<sup>1</sup> Through 1950, average yields on taxable bonds due or callable after 15 years; beginning 1955, on those due or callable in 10 years or more.

<sup>2</sup> Number of issues as of Dec. 1, 1961; number varies for earlier years.

<sup>3</sup> Estimated yields prevailing on highest grade issues in first quarter of each year prior to 1951 and in February only beginning 1951. Data from National Bureau of Economic Research through 1950; thereafter, Scudder, Stevens and Clark.

<sup>4</sup> More than usually liable to error.

<sup>5</sup> 1940, yield based on 15 stocks and determined from average of 9 median yields; thereafter, on 14 stocks and average of 8 median yields. Issues converted to a price equivalent to \$100 par and a 7 percent annual dividend before averaging.

<sup>7</sup> Yields are obtained by dividing the average per-share dividend by the average per-share price in each group.

<sup>8</sup> Includes also 15 banks and 10 insurance stocks, and 1 additional public utility (see footnote 7, table 620).

Source: Department of Commerce, Office of Business Economics (except as noted); monthly data published in *Survey of Current Business*.

## No. 622. SECURITIES—NET CHANGE IN CORPORATE SECURITIES OUTSTANDING: 1940 TO 1961

[In millions of dollars. Includes Alaska and Hawaii. Covers estimated cash transactions only. New issues exclude foreign and include offerings of investment companies, sales of securities held by affiliated companies, special offerings to employees, and also new stock issues and cash proceeds connected with conversions of bonds into stocks. Retirements include the same types of issues, and also securities retired with internal funds or with proceeds of issues for that purpose shown in table 623. See also *Historical Statistics, Colonial Times to 1957*, series X 363-365]

YEAR	ALL TYPES			BONDS AND NOTES			STOCKS		
	New issues	Retirements	Net change	New issues	Retirements	Net change	New issues	Retirements	Net change
1940.....	2,801	3,074	-273	2,477	2,814	-337	824	260	64
1945.....	5,457	9,046	-449	4,924	5,696	-1,072	1,533	910	623
1950.....	7,224	3,501	3,724	4,805	2,802	2,004	2,418	698	1,720
1955.....	12,474	5,599	6,875	7,571	3,383	4,188	4,903	2,216	2,687
1960.....	13,201	5,038	8,162	7,934	3,203	4,731	5,267	1,836	3,432
1957.....	14,350	3,609	10,741	9,638	2,834	7,053	4,712	1,024	3,688
1958.....	14,761	5,296	9,465	9,673	3,817	5,856	5,088	1,479	3,609
1959.....	12,855	4,853	7,998	7,125	3,049	4,076	5,730	1,809	3,922
1960.....	12,958	4,760	8,198	8,044	3,010	5,034	4,914	1,751	3,164
1961.....	16,745	6,967	9,778	9,205	4,000	5,114	7,540	2,876	4,664

Source: Securities and Exchange Commission.

# No. 623. NEW CORPORATE SECURITY ISSUES—GROSS PROCEEDS AND PROPOSED USE OF NET PROCEEDS, BY MAJOR ISSUER: 1940 TO 1961

[In millions of dollars. Includes Alaska and Hawaii. Estimates of new corporate security issues maturing in more than 1 year sold for cash in the United States. Gross proceeds represent amount paid for securities by investors; net proceeds are equal to gross proceeds minus costs of flotation. See also *Historical Statistics, Colonial Times to 1867*, series X 356-362.]

ISSUER AND PROPOSED USE	1940	1950	1955	1957	1958	1959	1960	1961 (prel.)
<b>ALL ISSUES</b>								
Estimated gross proceeds <sup>1</sup>	2,677	6,361	10,240	12,884	11,558	9,748	10,154	13,147
Bonds and notes	2,386	4,020	7,420	9,957	9,653	7,190	8,081	9,425
Preferred stock	183	631	635	411	571	631	409	449
Common stock	108	811	2,185	2,516	1,334	2,027	1,664	3,273
Estimated net proceeds	2,615	6,261	10,049	12,661	11,372	9,527	9,924	12,874
New money	589	4,006	7,957	11,784	9,907	8,578	8,758	10,829
Plant and equipment	424	2,966	5,333	9,040	7,792	6,084	5,062	7,539
Working capital	145	1,041	2,624	2,744	2,115	2,494	3,097	3,280
Retirement of securities	1,854	1,271	1,227	214	549	135	271	895
Other purposes	192	984	864	663	915	814	895	1,160
<b>MANUFACTURING<sup>2</sup></b>								
Estimated gross proceeds <sup>1</sup>	692	1,200	2,994	4,234	3,515	2,073	2,152	4,112
Estimated net proceeds	661	1,175	2,930	4,154	3,459	2,011	2,076	4,014
New money	167	688	2,021	3,704	2,351	1,884	1,711	3,060
Plant and equipment	82	513	1,265	2,644	2,027	1,864	945	1,022
Working capital	85	375	766	1,120	824	820	766	1,138
Retirement of securities	738	149	553	49	195	70	79	306
Other purposes	56	338	376	340	414	257	286	649
<b>ELECTRIC, GAS, AND WATER<sup>2</sup></b>								
Estimated gross proceeds <sup>1</sup>	1,203	2,649	2,464	3,938	3,804	3,258	2,851	3,030
Estimated net proceeds	1,180	2,608	2,428	3,872	3,743	3,204	2,805	2,997
New money	245	1,728	2,218	3,659	3,441	3,057	2,656	2,809
Plant and equipment	229	1,711	2,206	3,646	3,411	3,037	2,624	2,793
Working capital	16	17	12	13	30	20	31	16
Retirement of securities	922	682	174	51	138	15	51	104
Other purposes	13	199	36	161	164	132	99	84
<b>TRANSPORTATION<sup>3</sup></b>								
Estimated gross proceeds <sup>1</sup>	324	613	893	824	824	967	719	713
Estimated net proceeds	319	606	882	816	816	957	710	706
New money	115	544	465	792	681	920	626	620
Plant and equipment	113	523	435	783	647	869	598	602
Working capital	1	21	18	8	34	50	27	24
Retirement of securities	196	196	338	14	38	15	39	20
Other purposes	18	65	61	10	97	22	46	54
<b>COMMUNICATION<sup>2</sup></b>								
Estimated gross proceeds <sup>1</sup>		399	1,182	1,462	1,424	717	1,050	1,821
Estimated net proceeds		395	1,121	1,444	1,412	707	1,036	1,805
New money		304	1,040	1,428	1,265	703	1,032	1,408
Plant and equipment		300	1,038	1,426	1,262	701	1,023	1,398
Working capital		4	2	2	3	2	9	10
Retirement of securities		81	77	4	118	(*)	1	378
Other purposes		10	5	13	28	4	4	19
<b>FINANCIAL AND REAL ESTATE (EXCL. INVESTMENT COMPANIES)</b>								
Estimated gross proceeds <sup>1</sup>	159	747	1,899	1,795	1,088	1,853	2,525	2,275
Estimated net proceeds	155	739	1,868	1,768	1,061	1,807	2,472	2,212
New money	42	480	1,606	1,636	1,000	1,569	2,143	2,016
Plant and equipment	(*)	24	33	241	187	301	268	499
Working capital	42	456	1,673	1,394	713	1,268	1,876	1,515
Retirement of securities	9	100	56	67	47	6	71	36
Other purposes	104	169	206	65	114	232	258	161
<b>COMMERCIAL AND OTHER<sup>2</sup></b>								
Estimated gross proceeds <sup>1</sup>		553	859	631	903	881	887	1,188
Estimated net proceeds		538	820	607	881	840	823	1,141
New money		262	620	505	769	646	592	911
Plant and equipment		94	355	299	257	313	204	325
Working capital		168	204	206	512	333	388	586
Retirement of securities		63	51	29	13	28	30	46
Other purposes		213	149	74	99	167	202	184

<sup>1</sup> Derived by multiplying principal amounts or numbers of units by offering prices.

<sup>2</sup> For 1940, Commercial and other included in Manufacturing, and Communication and other transportation (see footnote 3) in Electric, gas, and water. Extractive included in Commercial and other.

<sup>3</sup> Railroad only for 1940.

<sup>4</sup> Less than \$600,000.

Source: Securities and Exchange Commission; *Annual Report*. Monthly data published in *Statistical Bulletin*.

# No. 624. SECURITIES—NEW SECURITIES OFFERED FOR CASH SALE, BY TYPE AND ISSUER: 1940 TO 1961

[In millions of dollars. Includes Alaska and Hawaii. Estimated gross proceeds are derived by multiplying principal amounts or number of units by offering prices, except for municipal issues where principal amount is used. Covers substantially all new issues of securities offered for cash sale in United States in amounts over \$100,000 and with terms of maturity of more than 1 year. Includes issues privately placed, publicly offered, unregistered issues, and those registered under Securities Act of 1933. See also *Historical Statistics, Colonial Times to 1957*, series X 355 and X 359-362]

SECURITY AND ISSUER	1940	1945	1950	1955	1957	1958	1959	1960	1961 (prel.)
<b>TYPE OF SECURITY</b>									
All types.....	6,564	54,712	19,893	26,772	30,571	34,443	31,074	27,541	35,494
Corporate.....	2,677	6,011	6,361	10,240	12,884	11,558	9,748	10,154	13,147
Noncorporate.....	3,887	48,701	13,532	16,532	17,687	22,885	21,326	17,387	22,347
Bonds, debentures, and notes.....	6,273	53,556	18,451	23,952	27,644	32,538	28,516	25,468	31,772
Corporate.....	2,386	4,855	4,920	7,420	9,957	9,053	7,190	8,081	9,425
Noncorporate.....	3,887	48,701	13,532	16,532	17,687	22,885	21,326	17,387	22,347
Preferred stock.....	183	758	631	635	411	571	531	409	449
Common stock.....	108	397	811	2,185	2,516	1,334	2,027	1,664	3,273
<b>ISSUER</b>									
Corporate.....	2,677	6,011	6,361	10,240	12,884	11,558	9,748	10,154	13,147
Manufacturing <sup>1</sup> .....	992	2,026	1,200	2,994	4,234	3,515	2,073	2,162	4,112
Extractive <sup>1</sup> .....				415	289	247	161	246	261
Electric, gas, and water <sup>1</sup> .....	1,203	2,310	2,649	2,464	3,038	3,804	3,258	2,851	3,039
Communication <sup>1</sup> .....			399	1,132	1,462	1,424	717	1,050	1,821
Railroad.....	324	1,454	554	543	344	238	174	211	179
Other transportation <sup>1</sup> .....			259	345	480	586	793	507	534
Real estate and financial.....	159	211	747	1,899	1,795	1,088	1,853	2,525	2,275
Commercial and other <sup>1</sup> .....			553	433	342	656	719	612	926
Noncorporate.....	3,887	48,701	13,532	16,532	17,687	22,885	21,326	17,387	22,347
U. S. Government (including issues guaranteed).....	2,517	47,353	9,687	9,028	9,601	12,063	12,322	7,906	12,253
Federal agency (issues not guaranteed).....	109	506	30	746	572	2,321	707	1,672	1,448
State and municipal.....	1,238	795	3,532	5,977	6,958	7,449	7,681	7,290	8,345
Foreign government.....	0	45	265	150	2,595	2,995	546	504	2,280
Nonprofit institutions.....	24	2	20	32	52	57	70	74	66

<sup>1</sup> For 1940 and 1945, Commercial and other included with Manufacturing, and Communication and Other transportation included with Electric, gas, and water. Through 1950, Extractive included with Commercial and other.

<sup>2</sup> Includes International Bank as follows: 1950, \$101 million; 1958, \$418 million; 1959, \$22 million; 1960, \$109 million; 1961, \$16 million.

Source: Securities and Exchange Commission; *Annual Report*. Monthly data published in *Statistical Bulletin*.

# No. 625. STOCK OWNERSHIP—INDIVIDUAL SHAREOWNERS, BY SEX, AGE, INCOME, EDUCATION, AND CITY SIZE: 1956, 1959, AND 1962

[In thousands. Includes Alaska, Hawaii, and outlying areas of the U.S. Also includes most members of the Armed Forces, citizens living abroad, and minor children. Represents all publicly owned issues of common and preferred stocks. Based on national probability samples; see source for detailed explanation]

SUBJECT	1956	1959	1962	SUBJECT	1956	1959	1962
<b>Total.....</b>	<b>8,630</b>	<b>12,490</b>	<b>17,010</b>	<b>Education:</b>			
<b>Sex:</b> <sup>1</sup>				8th grade or less.....	620	2,804	3,007
Male.....	4,020	5,740	7,965	High school:			
Female.....	4,280	6,347	8,281	1 to 3 years.....	950		
<b>Age:</b>				4 years.....	2,750	3,130	4,823
Under 21 years.....	(2)	197	450	College:			
21 to 34 years.....	2,230	2,444	2,390	1 to 3 years.....	1,540	2,587	3,284
35 to 44 years.....	1,240	2,064	3,528	4 years or more.....	2,420	2,587	5,137
45 to 54 years.....	1,700	2,800	4,519	Minors.....			450
55 to 64 years.....	2,020	2,666	3,202	Unclassified.....	350	403	304
65 years and over.....	1,090	2,113	2,617	<b>City size groups:</b>			
Unclassified.....	350	206	304	500,000 and over.....	1,088	3,370	3,728
<b>Income:</b>				100,000 to 500,000.....	1,357	2,063	2,935
Under \$3,000.....	983	1,106	1,002	25,000 to 100,000.....	1,187	2,357	3,660
\$3,000 to \$5,000.....	2,212	2,460	2,072	2,500 to 25,000.....	2,654	2,429	4,351
\$5,000 to \$7,500.....	2,243	3,145	3,592	Rural areas (farm and non-farm).....	1,594	2,172	2,193
\$7,500 and over.....	3,042	5,564	10,040	Unclassified.....	150	99	143
Unclassified.....	150	206	304				

<sup>1</sup> Adults only; excludes minors and persons living outside conterminous U.S. not classified by sex.

<sup>2</sup> Not available.

Source: New York Stock Exchange, New York, N. Y.; 1958 Census of Shareowners—Who Owns American Business and 1962 Census of Shareowners in America—The 17 Million.

# No. 626. STOCK OWNERSHIP—INDIVIDUAL SHAREOWNERS, BY STATES AND OTHER AREAS: 1962

[In thousands. See headnote, table 625]

STATE	Individual share-owners	STATE	Individual share-owners	STATE	Individual share-owners
<b>Total</b> .....	17,010	<b>West North Central—</b>		<b>West South Central—</b>	860
United States.....	10,867	Continued.....		Arkansas.....	58
New England.....	1,463	Missouri.....	408	Louisiana.....	161
Maine.....	94	North Dakota.....	86	Oklahoma.....	134
New Hampshire.....	75	South Dakota.....	38	Texas.....	517
Vermont.....	55	Nebraska.....	90		
Massachusetts.....	681	Kansas.....	157	<b>Mountain.....</b>	493
Rhode Island.....	99			Montana.....	59
Connecticut.....	459	<b>South Atlantic.....</b>	1,973	Idaho.....	33
<b>Middle Atlantic.....</b>	4,621	Delaware.....	75	Wyoming.....	30
New York.....	2,341	Maryland.....	367	Colorado.....	157
New Jersey.....	902	District of Colum- bia.....	126	New Mexico.....	46
Pennsylvania.....	1,378	Virginia.....	302	Arizona.....	95
<b>East North Central.....</b>	3,439	West Virginia.....	1,021	Utah.....	50
Ohio.....	791	North Carolina.....	238	Nevada.....	23
Indiana.....	374	South Carolina.....	71	<b>Pacific.....</b>	2,414
Illinois.....	1,157	Georgia.....	170	Washington.....	202
Michigan.....	794	Florida.....	522	Oregon.....	152
Wisconsin.....	323	<b>East South Central.....</b>	433	California.....	2,037
<b>West North Central.....</b>	1,171	Kentucky.....	124	Alaska.....	5
Minnesota.....	255	Tennessee.....	134	Hawaii.....	18
Iowa.....	187	Alabama.....	114	<b>Other areas.....</b>	5
		Mississippi.....	61	<b>Foreign countries.....</b>	138

Source: New York Stock Exchange, New York, N.Y.; 1962 Census of Shareowners in America—The 17 Million.

# No. 627. STOCK OWNERSHIP—PERCENT DISTRIBUTION OF SPENDING UNITS, BY INCOME, OCCUPATION, AND AGE: 1960

[As of date of interview in early part of year. Excludes Alaska and Hawaii. For definition of spending unit, see headnote, table 442. Income as of 1959 before taxes. Comprises common and preferred stock of corporations open to investment by general public; excludes stock of privately held corporations]

ITEM	Per- cent of sample cases	No stock owned <sup>1</sup>	STOCK OWNED						
			Total	Under \$500	\$500 to \$999	\$1,000 to \$4,999	\$5,000 to \$9,999	\$10,000 and over	Amount not as- certained
INCOME									
All spending units.....	100	86	14	3	2	4	2	3	(2)
Under \$3,000.....	100	95	5	1	(2)	2	1	1	(2)
\$3,000 to \$4,999.....	100	93	7	1	1	2	1	2	(2)
\$5,000 to \$7,499.....	100	87	13	4	2	4	2	1	(2)
\$7,500 to \$9,999.....	100	78	22	6	4	8	(2)	4	(2)
\$10,000 to \$14,999.....	100	61	39	7	10	10	5	6	1
\$15,000 and over.....	100	44	56	3	3	12	12	25	1
OCCUPATION OF HEAD OF SPENDING UNIT									
Professional and semiprofessional.....	100	70	30	6	6	10	2	5	1
Managerial; self-employed.....	100	73	27	4	2	7	4	9	1
Clerical and sales.....	100	80	20	5	3	6	3	1	2
Skilled.....	100	90	10	2	2	3	1	1	1
Semiskilled.....	100	94	6	2	1	1	(2)	1	1
Unskilled and service.....	100	88	2	(2)	(2)	1	1	(2)	(2)
Farm operator.....	100	93	6	1	1	1	1	2	(2)
Retired.....	100	86	14	1	1	3	2	6	1
AGE OF HEAD OF SPENDING UNIT									
18 to 24.....	100	96	4	1	2	1	(2)	(2)	(2)
25 to 34.....	100	88	12	3	2	4	1	1	1
35 to 44.....	100	84	16	3	4	4	2	2	1
45 to 54.....	100	84	16	4	1	5	2	4	(2)
55 to 64.....	100	83	17	2	1	5	3	5	1
65 and over.....	100	86	14	1	2	3	2	5	1

<sup>1</sup> Includes the less than 1 percent of spending units for whom stock ownership was not ascertained.

<sup>2</sup> No cases reported or less than one-half of 1 percent.

Source: University of Michigan, Survey Research Center; Survey of Consumer Finances.

## No. 628. LIFE INSURANCE COMPANIES—SUMMARY: 1940 TO 1961

[Money figures in millions of dollars. Beginning 1959, includes Alaska and Hawaii. Covers domestic and foreign business of U.S. companies. See also *Historical Statistics, Colonial Times to 1967*, series X 435 and X 441-468]

ITEM	1940	1950	1955	1957	1958	1959	1960	1961
Number of companies in U.S.	444	649	1,107	1,273	1,365	1,426	1,444	1,466
Sales	11,087	29,989	150,243	71,748	72,918	75,107	78,417	85,120
Ordinary	7,022	18,260	32,207	48,937	50,839	55,138	56,183	58,691
Group	747	6,237	11,637	16,016	15,061	13,077	15,323	19,181
Industrial	3,318	5,492	6,399	6,795	7,018	6,892	6,906	7,248
Income <sup>1</sup>	5,658	11,337	16,544	19,333	20,249	21,790	23,007	24,897
Life insurance premiums	3,501	6,249	8,903	10,241	10,753	11,487	11,998	12,546
Annuity considerations	386	939	1,288	1,408	1,424	1,494	1,341	1,885
Investment and other income	1,771	3,148	3,908	4,558	4,778	5,168	5,642	6,139
Disbursements	3,914	7,190	11,274	14,197	15,127	16,139	17,499	18,608
Payments to policyholders <sup>2</sup>	2,081	4,403	7,268	9,223	9,891	10,389	11,425	12,288
Death payments <sup>3</sup>	977	1,593	2,290	2,786	2,972	3,171	3,443	3,625
Matured endowments	275	494	615	733	760	625	679	719
Annuity payments	142	267	453	529	578	629	690	733
Policy dividends <sup>4</sup>	456	679	1,271	1,474	1,566	1,664	1,889	2,081
Surrender values	689	666	923	1,291	1,457	1,620	1,650	1,820
Disability and accidental death benefits <sup>5</sup>	142	133	118	128	133	127	140	149
Commissions, expenses, taxes, and other disbursements	1,215	2,697	3,892	4,837	5,082	5,671	5,914	6,134
Dividends to stockholders	18	00	115	137	153	180	160	186
Assets	30,802	64,020	90,432	101,309	107,580	113,650	119,576	126,816
Bonds	17,092	39,366	47,741	51,356	54,233	56,686	58,555	60,932
Stocks	805	2,103	3,633	3,391	4,109	4,561	4,981	6,258
Mortgages	5,972	16,102	29,445	35,236	37,062	39,197	41,771	44,203
Real estate	2,065	1,445	2,581	3,119	3,364	3,651	3,765	4,007
Other <sup>6</sup>	5,068	5,004	7,032	8,207	8,812	9,555	10,504	11,416
Net rate of interest earned on assets (percent) <sup>7</sup>	3.45	3.13	3.51	3.75	3.85	3.96	4.11	4.22
Liabilities <sup>4</sup>	28,964	59,381	83,424	93,085	98,773	104,533	109,902	116,240
Policy reserves <sup>4</sup>	27,238	54,946	75,359	84,075	88,004	93,975	98,473	103,285
Capital and surplus <sup>4</sup>	1,838	4,639	7,008	8,224	8,807	9,117	9,674	10,576

<sup>1</sup> Includes \$1,928,000,000 group life insurance for Federal employees.

<sup>2</sup> Beginning 1950, total income and payments to policyholders include data on operations of accident and health departments of life insurance companies; since these data not shown separately, components do not add to totals.

<sup>3</sup> Beginning 1955, accidental death benefits included with death benefits.

<sup>4</sup> For all years, business of accident and health departments of U.S. life insurance companies included in "Liabilities" and "Capital and surplus"; beginning 1950, also included in "Policy dividends" and "Policy reserves."

<sup>5</sup> Includes cash, policy loans, collateral loans, due and deferred premiums, and all other assets.

<sup>6</sup> For 1940, calculated after some Federal income taxes; beginning 1950, calculated before all such taxes.

Source: The Spectator, Philadelphia, Pa.; *Insurance Yearbook*, Life Volume; and Institute of Life Insurance, New York, N.Y.; *Life Insurance Fact Book*, and records.

## No. 629. LIFE INSURANCE IN FORCE: 1900 TO 1961

[In millions of dollars. As of December 31. Beginning 1959, includes Alaska and Hawaii. Represents all life insurance in force on the lives of residents of U.S. whether issued by U.S. or foreign companies. See also *Historical Statistics, Colonial Times to 1967*, series X 436-440]

YEAR	Total amount	Ordinary	Group	Industrial	Credit <sup>1</sup>	YEAR	Total amount	Ordinary	Group	Industrial	Credit <sup>1</sup>
1900	7,573	6,124		1,449		1951	253,140	159,054	54,398	34,870	4,818
1905	11,863	9,585		2,278		1952	276,591	170,795	62,913	36,448	6,435
1910	14,908	11,733		3,125		1953	304,259	184,859	72,913	37,781	8,706
1915	21,029	16,650	100	4,279		1954	333,719	198,419	80,395	38,664	10,241
1920	40,540	32,018	1,570	6,948	4	1955	372,332	216,600	101,300	39,682	14,750
1925	69,475	52,892	4,247	12,318	18	1956	412,630	238,099	117,324	40,109	17,098
1930	106,413	78,576	9,801	17,963	73	1957	468,359	264,678	133,794	40,139	19,748
1935	98,464	70,684	10,208	17,471	101	1958	493,561	287,834	144,607	39,646	21,474
1940	115,530	79,346	14,938	20,866	380	1959	542,128	315,953	159,807	39,809	26,559
1945	151,762	101,550	22,172	27,675	365	1960	588,448	340,268	175,434	39,563	31,183
1949	213,672	138,847	40,207	32,087	2,531	1961	620,493	364,347	192,202	39,451	35,493
1950	234,168	149,071	47,793	33,415	3,889						

<sup>1</sup> Insures borrower to cover loans in case of death.

Source: The Spectator, Philadelphia, Pa.; *Insurance Yearbook*, Life Volume; and Institute of Life Insurance, New York, N.Y.; *Life Insurance Fact Book*.

## No. 630. LIFE INSURANCE IN FORCE, BY STATES: 1960 AND 1961

[See headnote, table 620]

STATE	1960		1961									
	Number of policies <sup>1</sup>	Value	Total		Ordinary		Group		Industrial		Credit <sup>2</sup>	
			Number of policies <sup>1</sup>	Value	Number of policies	Value	Number of certificates	Value	Number of policies	Value	Number of policies <sup>1</sup>	Value
U.S.-----	Thous. 281,899	Mil. 586,448	Thous. 286,161	Mil. 629,493	Thous. 96,925	Mil. 364,347	Thous. 46,154	Mil. 192,202	Thous. 97,840	Mil. 39,461	Thous. 45,262	Mil. 33,493
Ala.-----	8,200	8,231	8,439	9,013	938	4,361	653	2,418	5,940	1,554	908	680
Alaska-----	122	417	144	478	42	253	65	208	9	2	28	15
Ariz.-----	1,844	3,858	1,354	3,683	514	2,386	270	909	196	80	374	200
Ark.-----	1,660	3,092	1,695	3,875	805	2,164	201	756	649	243	240	212
Calif.-----	18,632	54,291	19,227	59,591	6,911	32,331	5,065	21,823	3,804	1,766	3,387	3,071
Colo.-----	2,302	5,813	2,430	6,514	1,033	4,101	466	1,775	448	238	483	400
Conn.-----	4,693	11,145	4,757	11,912	1,883	7,177	988	3,715	1,109	559	717	461
Del.-----	932	2,181	926	2,492	278	1,124	157	1,008	341	151	150	149
D.C.-----	1,975	4,128	2,071	4,431	421	1,841	695	2,151	687	255	268	184
Fla.-----	8,825	18,859	8,854	15,140	2,073	9,050	832	3,292	4,401	1,722	1,548	1,076
Ga.-----	9,080	11,569	9,203	12,476	1,498	6,178	866	3,452	5,286	1,850	1,553	996
Hawaii-----	695	2,599	812	2,903	325	1,938	262	791	5	1	220	173
Idaho-----	598	1,604	653	1,778	359	1,198	148	444	40	15	108	121
Ill.-----	17,903	39,521	18,283	42,295	7,219	25,139	3,434	13,300	5,392	2,331	2,238	1,405
Ind.-----	8,132	15,792	8,090	16,605	2,784	9,201	1,134	5,145	2,698	1,144	1,474	1,055
Iowa.-----	3,281	7,638	3,271	8,116	1,776	5,849	488	1,699	524	198	483	370
Kans.-----	2,728	6,118	2,788	6,641	1,359	4,463	405	1,556	619	258	425	364
Ky.-----	4,363	6,510	4,437	9,990	1,177	3,942	418	1,802	2,176	827	671	425
La.-----	6,502	8,437	7,015	9,162	930	4,547	603	2,469	4,293	1,385	1,189	761
Maine.-----	1,259	2,438	1,284	2,616	495	1,707	215	588	813	145	261	176
Md.-----	5,651	10,308	5,655	10,861	1,621	6,209	698	3,267	2,551	962	785	423
Mass.-----	8,929	18,364	8,941	19,541	3,177	11,441	1,357	6,945	3,051	1,369	1,356	796
Mich.-----	11,926	26,141	12,009	27,739	4,220	14,673	2,052	10,225	3,368	1,464	1,763	1,476
Minn.-----	3,749	9,775	3,833	10,512	1,774	6,569	963	3,165	595	235	551	542
Miss.-----	1,941	3,376	2,026	3,726	462	2,117	249	945	791	256	534	408
Mo.-----	7,382	13,840	7,666	14,922	2,639	8,824	1,171	4,377	2,335	983	1,521	1,038
Mont.-----	638	1,752	646	1,871	326	1,291	127	390	49	17	144	133
Neb.-----	1,669	4,054	1,731	4,484	902	3,141	271	904	252	101	306	338
Nev.-----	203	729	292	828	113	541	98	23	6	6	63	46
N.H.-----	1,035	1,979	996	2,098	391	1,347	123	413	283	128	199	210
N.J.-----	9,998	26,022	10,001	27,559	4,452	16,956	1,661	8,604	3,304	1,547	584	452
N. Mex.-----	827	2,320	826	2,517	327	1,514	182	780	108	60	149	133
N.Y.-----	26,532	70,405	26,755	78,975	11,645	43,709	4,827	24,406	5,982	2,706	4,301	3,151
N.C.-----	7,744	10,854	8,039	11,892	1,845	6,446	857	3,130	3,563	1,346	1,774	970
N. Dak.-----	521	1,358	543	1,488	313	1,081	92	270	8	3	130	134
Ohio.-----	16,313	34,948	16,388	36,975	5,914	21,011	2,657	11,803	5,986	2,644	1,831	1,517
Okla.-----	2,561	6,134	2,883	6,873	1,145	4,167	392	1,910	624	284	722	512
Oreg.-----	1,749	4,943	1,763	5,390	787	3,338	410	1,455	167	65	389	532
Pa.-----	22,813	42,093	22,718	44,429	7,941	25,966	2,981	12,985	8,554	3,609	3,242	1,869
R.I.-----	1,690	3,006	1,717	3,201	578	1,999	254	716	610	268	275	216
S.C.-----	5,229	5,707	5,085	6,058	915	2,030	399	1,448	3,100	1,255	671	425
S. Dak.-----	567	1,468	592	1,627	360	1,253	95	273	10	4	118	97
Tenn.-----	6,275	9,179	6,148	9,896	1,195	4,390	766	3,094	3,308	1,224	880	688
Tex.-----	13,582	28,271	13,752	30,743	4,419	18,300	2,159	8,873	4,349	1,915	2,825	1,354
Utah.-----	1,178	2,714	1,313	3,051	525	1,814	261	861	174	64	353	312
Vt.-----	529	1,053	535	1,118	232	770	64	211	121	55	118	82
Va.-----	6,965	11,530	6,947	12,547	1,661	6,554	853	3,898	3,263	1,220	1,170	775
Wash.-----	2,829	7,985	2,959	8,759	1,270	5,273	816	2,990	347	132	526	364
W. Va.-----	2,380	4,395	2,415	4,562	698	2,322	328	1,508	876	374	513	298
Wis.-----	5,004	12,088	5,072	13,024	2,407	8,543	1,043	3,607	966	396	656	578
Wyo.-----	304	885	312	980	106	648	63	258	12	5	71	69

<sup>1</sup> Includes group credit certificates.<sup>2</sup> Insures borrower to cover loans in case of death.Source: Institute of Life Insurance, New York, N.Y.; *Life Insurance Fact Book*.

### No. 631. LIFE INSURANCE AND DISPOSABLE PERSONAL INCOME PER FAMILY: 1930 TO 1961

[Beginning 1959, includes Alaska and Hawaii. Covers life insurance with life insurance companies only. "Families" include families, subfamilies, and unrelated individuals; see definitions, p. 3]

YEAR	Dispos- able per- sonal income per family	LIFE INSURANCE			Pre- miums <sup>2</sup> as per- cent of dis- posable per- sonal income	YEAR	Dispos- able per- sonal income per family	LIFE INSURANCE			Pre- miums <sup>2</sup> as per- cent of dis- posable per- sonal income
		Policies in force <sup>1</sup> (mil- lions)	Policy- holders (mil- lions)	Cover- age per family				Policies in force <sup>1</sup> (mil- lions)	Policy- holders (mil- lions)	Cover- age per family	
1930.....	\$1,900	124	68	\$2,800	4.7	1956.....	\$5,400	261	106	\$7,600	3.7
1935.....	1,400	121	63	2,400	6.3	1957.....	5,600	266	109	8,300	3.8
1940.....	1,700	134	68	2,700	5.1	1958.....	5,700	267	112	8,800	3.8
1945.....	3,200	163	75	3,200	3.4	1959.....	5,900	275	115	9,500	3.8
1950.....	4,100	202	88	4,600	3.5	1960.....	6,100	282	118	10,200	3.8
1955.....	5,100	251	103	6,900	3.7	1961.....	6,300	286	120	10,800	3.8

<sup>1</sup> Total of ordinary, group, industrial, and credit. <sup>2</sup> Premiums paid for life insurance and annuities.

Source: Institute of Life Insurance, New York, N.Y.; *Life Insurance Fact Book*. (Based on data from Institute of Life Insurance; The Spectator, *Insurance Yearbook*; and Department of Commerce, Office of Business Economics.)

### No. 632. FAMILIES, INCOME, AND LIFE INSURANCE PAYMENTS, BY INCOME GROUP: 1950 AND 1959

Percent, except as noted. Excludes Alaska and Hawaii. Covers all types of life insurance, including national service and fraternal. "Family" refers to spending unit; for definition, see headnote, table 442]

INCOME GROUP	ALL FAMILIES				INSURED FAMILIES					
	Number		Income <sup>1</sup>		Number		Premiums paid		Mean premiums paid per family	
	1950	1959	1950	1959	1950	1959	1950	1959	1950	1959
Total.....	100	100	100	100	100	100	100	100	\$145	\$210
Under \$3,000.....	49	29	22	8	40	19	19	9	70	95
\$3,000 to \$4,999.....	31	22	35	16	36	23	31	13	125	120
\$5,000 to \$7,499.....	14	26	23	28	17	31	24	24	205	165
\$7,500 and over.....	6	23	20	48	7	27	26	54	525	410

<sup>1</sup> Total money income after taxes.

Source: Institute of Life Insurance, New York, N.Y.

### No. 633. LIFE INSURANCE OF FRATERNAL ORDERS: 1940 TO 1960

[Beginning 1955, figures are on accrual basis. Covers transactions (domestic and foreign) of U.S. fraternal orders. Excludes U.S. business of foreign concerns]

ITEM	1940	1945	1950	1955	1958	1959	1960
Number reporting.....	215	180	196	281	246	239	241
Income.....mil. dol.	223	268	296	351	359	404	432
Net amount received from members.....do.	158	182	202	246	248	277	294
All other receipts.....do.	65	86	94	105	111	127	138
Expenditures <sup>1</sup> .....do.	166	171	205	324	342	385	415
Paid for claims.....do.	118	101	132	168	159	182	199
Agents' commissions and examiners' fees.....do.	10	13	19	22	24	26	29
Expenses of management <sup>2</sup> .....do.	29	35	40	53	56	66	83
Increase of reserves.....do.	(4)	(5)	(5)	72	83	91	94
Assets, invested and other, Dec. 31.....do.	1,253	1,645	2,040	2,590	2,615	3,032	3,103
Liabilities, Dec. 31.....do.	1,081	1,384	1,730	2,181	2,177	2,455	2,583
Insurance account:							
Number of certificates in force at end of year.....1,000	7,036	7,740	8,364	9,239	8,378	8,721	8,761
Amount written during year.....mil. dol.	522	669	880	1,284	1,141	1,213	1,362
Amount in force at end of year.....do.	6,282	6,923	8,349	10,533	9,181	10,406	11,077

<sup>1</sup> Prior to 1955, includes expenditures not shown separately.

<sup>2</sup> Includes taxes. <sup>3</sup> Operating expenses. <sup>4</sup> Not available.

Source: The Spectator, Philadelphia, Pa.; *Insurance Yearbook*, Life Volume.

# No. 634. LIFE INSURANCE OF ASSESSMENT LIFE ASSOCIATIONS: 1940 TO 1960

[Covers transactions (domestic and foreign) of U.S. associations. Excludes U.S. business of foreign associations]

ITEM	1940	1945	1950	1955	1958	1959	1960
Number reporting.....	58	43	51	163	143	136	133
Income..... mil. dol.....	26	70	116	218	258	280	318
Net amount received from members..... do.....	24	65	111	210	250	278	310
All other receipts..... do.....	1	4	5	8	8	8	8
Expenditures..... do.....	21	54	108	213	244	284	294
Paid for death claims..... do.....	3	5	8	7	7	6	10
Other payments to members..... do.....	8	25	56	118	142	155	173
Paid to agents and medical examiners..... do.....	6	14	22	39	46	53	56
Expenses of management <sup>1</sup> ..... do.....	4	8	22	29	39	38	48
Other expenditures <sup>2</sup> ..... do.....		2		20	10	32	7
Total admitted assets, Dec. 31..... do.....	27	77	144	223	287	289	324
Total liabilities, Dec. 31..... do.....	21	51	89	129	185	189	215
Insurance account:							
Number of certificates in force at end of year							
1,000.....	1,073	2,193	3,294	3,481	2,226	2,282	2,338
Amount written during year..... mil. dol.....	71	68	4,65	206	199	171	186
Amount in force at end of year..... do.....	204	285	440	798	809	633	701

<sup>1</sup> Includes taxes.

<sup>2</sup> Includes agents' balances charged off; gross loss on sale or maturity of ledger assets; gross decrease by adjustment, in book value of ledger assets.

<sup>3</sup> 22 companies reporting. <sup>4</sup> 42 companies reporting.

Source: The Spectator, Philadelphia, Pa.; *Insurance Yearbook*, Life Volume.

# No. 635. MEDICAL CARE INSURANCE—ESTIMATED ENROLLMENT AND RATE PER 1,000 CIVILIAN POPULATION, BY TYPE OF INSURANCE: 1940 TO 1960

[Beginning 1958, includes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series X 460-482]

YEAR	HOSPITALIZATION INSURANCE				SURGICAL INSURANCE				MEDICAL INSURANCE <sup>4</sup>		
	Insurance companies		Blue Cross plans	All other plans <sup>1</sup>	Insurance companies		Blue Shield plans <sup>2</sup>	All other plans <sup>3</sup>	Insurance companies		All other plans <sup>4</sup>
	Group policies	Individual policies			Group policies	Individual policies			Group policies	Individual policies	
ENROLLMENT (1,000)											
1940.....	2,500	1,200	6,012	2,300	1,430	850	370	2,300			3,000
1945.....	7,804	2,700	18,881	3,300	5,537	1,800	2,535	3,300			4,700
1950.....	22,305	17,296	37,435	5,006	21,219	13,718	16,054	6,512	5,587	2,714	14,301
1955.....	39,029	26,706	47,719	7,525	39,725	22,445	34,071	9,410	20,678	6,264	34,090
1956.....	45,211	27,629	50,108	7,709	45,906	23,074	36,896	10,585	25,177	6,789	39,183
1957.....	48,439	28,673	51,857	8,013	48,955	24,928	30,343	11,637	28,317	7,371	42,945
1958.....	49,508	29,372	52,368	7,702	49,917	25,819	40,404	11,592	29,868	7,869	44,875
1959.....	51,255	31,718	53,649	8,038	51,756	27,456	42,672	11,984	32,469	8,582	49,346
1960.....	55,218	32,902	56,063	7,529	55,504	28,209	44,493	12,361	35,802	8,902	51,700
RATE PER 1,000 POPULATION <sup>5</sup>											
1940.....	19	9	46	17	11	6	3	17			23
1945.....	61	21	148	26	43	14	20	26			37
1950.....	148	115	249	33	141	91	107	43	37	18	96
1955.....	240	165	294	46	245	138	210	58	127	39	210
1956.....	274	167	303	47	278	140	223	64	152	41	237
1957.....	288	170	308	48	291	148	234	69	168	44	255
1958.....	288	171	304	45	290	150	235	67	173	46	261
1959.....	293	181	306	46	295	157	244	68	185	49	282
1960.....	310	185	315	42	312	158	250	69	201	60	291

<sup>1</sup> Includes members of Blue Shield plans that provide hospitalization benefits, and members of independent plans (i.e., fraternal, community, employer-employee plans).

<sup>2</sup> Excludes medical-society sponsored plans not affiliated with Blue Shield Commission.

<sup>3</sup> Includes members of Blue Cross plans that provide surgical benefits, of medical-society sponsored plans not affiliated with Blue Shield Commission, and of independent plans that provide surgical benefits.

<sup>4</sup> Medical insurance includes insurance against costs of (a) in-hospital, medical (nonsurgical), physicians' visits, (b) visits to doctor's office, and (c) visits to patient's home. Since about 1950 most of the increase shown has been for insurance limited to in-hospital medical care.

<sup>5</sup> Beginning 1950, includes members of Blue Shield plans, Blue Cross plans that provide in-hospital medical benefits, and medical-society sponsored and all other independent plans.

<sup>6</sup> For 1940-1957, based on civilian population, excluding Alaska and Hawaii, as of July 1; beginning 1958, includes Alaska and Hawaii. 5 to 15 percent of population with each type of insurance benefit has protection from more than one kind of plan or policy; rates not corrected for such duplication.

Source: Department of Health, Education, and Welfare, Social Security Administration, records; and Health Insurance Institute, New York, N.Y., annual report, *Source Book of Health Insurance Data*.



**No. 636. MEDICAL CARE INSURANCE—ESTIMATED NUMBER OF PERSONS AND PERCENT OF POPULATION COVERED, BY TYPE OF VOLUNTARY INSURANCE, BY STATES: 1960**

[In thousands. As of December 31. Adjusted for duplication. See also *Historical Statistics, Colonial Times to 1857*, series X 469, X 474, and X 479, for U.S. totals]

STATE	NUMBER OF PERSONS COVERED BY—			PERCENT OF POPULATION COVERED <sup>1</sup>		
	Hospital insurance	Surgical insurance	Medical insurance <sup>1</sup>	Hospital	Surgical	Medical
United States.....	131,962	121,045	87,541	74.1	67.9	49.1
New England:						
Maine.....	632	524	410	66.1	54.8	42.9
New Hampshire.....	407	405	269	67.8	67.5	49.8
Vermont.....	310	297	220	79.5	78.2	55.4
Massachusetts.....	3,975	3,761	3,276	77.6	73.4	61.0
Rhode Island.....	740	669	636	88.3	79.8	75.9
Connecticut.....	2,108	2,059	1,715	86.6	81.2	67.7
Middle Atlantic:						
New York.....	15,375	14,239	10,611	91.6	84.9	63.2
New Jersey.....	4,211	3,830	2,276	69.6	63.3	54.1
Pennsylvania.....	9,999	8,319	5,867	88.3	73.5	51.8
East North Central:						
Ohio.....	8,456	7,194	4,049	87.0	74.0	50.9
Indiana.....	3,759	3,578	2,484	80.5	76.6	53.2
Illinois.....	8,532	8,018	5,882	84.8	79.7	58.4
Michigan.....	6,359	6,082	5,111	81.2	77.7	65.3
Wisconsin.....	2,920	2,750	2,011	74.0	69.5	50.8
West North Central:						
Minnesota.....	2,626	2,406	1,743	76.8	70.3	51.0
Iowa.....	1,843	1,082	1,191	66.8	60.9	43.2
Missouri.....	3,611	3,081	2,225	81.7	71.7	51.7
North Dakota.....	433	409	310	68.9	65.1	50.3
South Dakota.....	384	386	233	66.8	57.1	34.5
Nebraska.....	940	852	545	67.2	60.9	39.0
Kansas.....	1,463	1,387	1,013	67.8	64.7	47.3
South Atlantic:						
Delaware.....	359	341	320	61.4	77.3	72.6
Maryland.....	1,949	1,549	1,128	63.7	50.6	30.8
District of Columbia <sup>2</sup> .....	1,348	1,308	881	181.4	176.0	118.6
Virginia.....	2,215	2,036	1,213	57.5	52.8	31.5
West Virginia.....	1,426	1,369	1,069	76.8	73.8	57.6
North Carolina.....	3,014	2,714	938	67.2	60.5	20.9
South Carolina.....	1,414	1,203	552	60.6	51.6	23.7
Georgia.....	2,405	2,136	907	64.3	55.1	23.4
Florida.....	2,940	2,618	1,770	59.8	53.2	36.2
East South Central:						
Kentucky.....	1,775	1,603	1,279	59.2	56.4	42.0
Tennessee.....	2,412	2,189	1,131	67.8	61.6	31.8
Alabama.....	1,820	1,726	1,265	56.2	53.1	38.9
Mississippi.....	1,006	921	500	40.6	42.7	25.9
West South Central:						
Arkansas.....	890	879	518	50.5	49.4	29.1
Louisiana.....	1,712	1,546	992	62.7	47.6	20.6
Oklahoma.....	1,587	1,472	932	68.9	63.9	43.1
Texas.....	5,781	5,513	3,602	61.2	58.4	38.1
Mountain:						
Montana.....	409	387	268	61.0	57.7	39.0
Idaho.....	336	274	182	60.5	41.1	27.3
Wyoming.....	223	218	152	67.8	66.8	43.2
Colorado.....	1,357	1,284	1,054	77.2	74.2	60.9
New Mexico.....	423	348	204	45.3	37.3	21.8
Arizona.....	870	636	398	61.6	49.0	30.6
Utah.....	629	612	512	70.4	68.5	57.3
Nevada.....	156	152	105	55.7	54.3	37.5
Pacific:						
Washington.....	2,065	2,111	1,732	74.7	75.3	61.8
Oregon.....	1,327	1,263	947	76.1	71.4	58.6
California.....	10,752	10,270	8,559	69.2	66.1	55.1
Alaska.....	72	51	44	37.1	26.3	22.7
Hawaii.....	305	298	275	62.4	51.2	47.3

<sup>1</sup> Mainly persons enrolled only for in-hospital medical benefits. <sup>2</sup> Based on civilian population July 1, 1960.

<sup>3</sup> Includes persons living in Maryland and Virginia but enrolled in insurance or prepayment plans in the District of Columbia.

Source: Number of persons covered, The Health Insurance Council, New York, N.Y., *The Extent of Voluntary Health Insurance Coverage in the United States as of December 31, 1960*; percent of population covered, Department of Health, Education, and Welfare, Social Security Administration.

**No. 637. MAJOR MEDICAL EXPENSE INSURANCE—NUMBER OF PERSONS COVERED, BY TYPE OF COVERAGE: 1953 TO 1961**

[In thousands. As of December 31. Includes Alaska and Hawaii. Represents persons covered by insurance companies only. Excludes members of Blue Cross-Blue Shield, medical-society-sponsored, and all other independent plans. Major medical expense insurance provides protection against especially heavy medical bills resulting from "catastrophic" or prolonged illness, and is used as a supplement to 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]

TYPE OF COVERAGE	1953	1954	1955	1956	1957	1958	1959	1960	1961
Total.....	1,220	2,198	5,241	8,876	13,262	17,375	21,850	27,448	34,138
Group policies.....	1,044	1,892	4,759	8,204	12,428	16,229	20,353	25,608	31,517
Supplementary.....	1,044	1,841	3,928	6,881	9,290	11,072	13,900	17,285	22,281
Comprehensive.....		51	831	1,413	3,138	5,167	6,453	8,323	9,236
Individual and family policies.....	176	306	482	582	834	1,146	1,497	1,840	2,621

Source: The Health Insurance Council, New York, N.Y.; annual report, *The Extent of Voluntary Health Insurance Coverage in the United States*.

**No. 638. EMPLOYEE-BENEFIT PLANS—ESTIMATED WAGE AND SALARY WORKERS AND THEIR DEPENDENTS COVERED, TOTAL EMPLOYER AND EMPLOYEE CONTRIBUTIONS, AND BENEFITS PAID, BY TYPE OF BENEFIT: 1959 AND 1960**

[In millions. Excludes Alaska and Hawaii. Comprises plans whose benefits flow from the employment relationship and are not underwritten or paid directly by government. Excludes workmen's compensation required by statute and employer's liability]

YEAR AND TYPE OF BENEFIT	COVERAGE				CONTRIBUTIONS <sup>1</sup>		Benefits paid
	Total	Employees		Dependents	Amount	Percent of total wages and salaries	
		Number	Percent of employed wage and salary workers				
1959							
Private and public employees:							
Life insurance and death benefits.....	45	42	72.5	3	\$1,336	0.54	\$940
Accidental death and dismemberment.....	20	20	34.1		66	0.03	43
Hospitalization <sup>2</sup> .....	98	38	66.4	60	2,230	0.90	2,108
Written in compliance with law.....	2	2					9
Surgical <sup>3</sup> .....	94	37	63.6	57	1,187	0.48	1,024
Regular medical <sup>4</sup> .....	70	28	48.7	42			
Major medical expense <sup>5</sup> .....	20	8	13.6	12	357	0.14	332
Private employees only:							
Temporary disability <sup>6</sup> .....	25	25	\$ 51.2		1,071	\$ 0.50	928
Written in compliance with law.....	7	7			236		190
Supplemental unemployment benefits <sup>7</sup> .....	2	2	\$ 3.8		125	\$ 0.06	75
Retirement <sup>8</sup> .....	20	20	\$ 40.9		5,180	\$ 2.43	1,520
1960							
Private and public employees:							
Life insurance and death benefits.....	46	43	73.9	3	1,471	0.56	1,056
Accidental death and dismemberment.....	21	21	35.5		70	0.03	47
Hospitalization <sup>2</sup> .....	103	40	68.7	63	2,505	0.96	2,355
Written in compliance with law.....	1	1					8
Surgical <sup>3</sup> .....	99	39	65.8	60	1,272	0.49	1,116
Regular medical <sup>4</sup> .....	75	30	51.0	45			
Major medical expense <sup>5</sup> .....	26	10	16.6	16	470	0.18	427
Private employees only:							
Temporary disability <sup>6</sup> .....	26	26	\$ 50.8		1,155	\$ 0.52	1,007
Written in compliance with law.....	7	7			245		193
Supplemental unemployment benefits <sup>7</sup> .....	2	2	\$ 3.4		120	\$ 0.05	105
Retirement <sup>8</sup> .....	22	22	\$ 43.1		5,260	\$ 2.36	1,995

<sup>1</sup> Excludes dividends in group insurance.

<sup>2</sup> Coverage data include employees and their dependents covered by group major medical expense insurance under both supplementary and comprehensive plans.

<sup>3</sup> Includes private hospital benefits written in compliance with California temporary disability insurance law, shown separately.

<sup>4</sup> Group supplementary and comprehensive major medical insurance underwritten by commercial insurance companies.

<sup>5</sup> Includes private plans written in compliance with State temporary disability insurance laws in California, New Jersey, and New York, shown separately, and formal sick-leave plans.

<sup>6</sup> Computed as percent of private wage and salary labor force and private wages and salaries.

<sup>7</sup> Excludes dismissal wage and separation allowances, except when financed from unemployment benefit funds.

<sup>8</sup> Includes pay-as-you-go and deferred profit-sharing plans, plans for nonprofit organizations, union pension plans and railroad plans supplementing the Federal railroad retirement program.

Source: Department of Health, Education, and Welfare, Social Security Administration (based on data from various life insurance agencies and trade union and industry reports); *Social Security Bulletin*, April 1962.

# **No. 639. ACCIDENT AND HEALTH BUSINESS OF PROPERTY AND LIFE INSURANCE COMPANIES: 1959 AND 1960**

[Money figures in millions of dollars. Excludes Alaska and Hawaii]

ITEM	1959			1960		
	Total	Property	Life	Total	Property	Life
Number of companies reporting.....	420	79	341	588	138	450
Admitted assets.....	108,162	15,441	92,721	120,687	19,180	101,497
Total liabilities.....	96,099	10,652	85,447	106,060	12,002	93,458
Premiums written <sup>1</sup> .....	4,175	804	3,371	4,631	909	3,722
Premiums earned <sup>1</sup> .....	4,089	789	3,300	4,569	902	3,667
Losses incurred.....	3,027	580	2,447	3,384	674	2,710
Total expenses incurred <sup>2</sup> .....	1,052	190	862	1,147	211	936
Ratio of losses incurred to premiums earned.....	74.0	73.5	74.2	74.1	74.8	73.9
CLASSIFICATION OF BUSINESS						
Group accident and health:						
Premiums earned <sup>1</sup> .....	2,598	591	2,007	2,922	673	2,249
Losses incurred.....	2,281	488	1,793	2,552	560	1,992
Ratio.....	87.8	82.6	89.3	87.4	83.2	88.6
Accidents only:						
Premiums earned <sup>1</sup> .....	166	65	101	184	73	111
Losses incurred.....	66	26	40	77	33	44
Ratio.....	40.1	40.6	39.8	41.8	45.3	39.4
Accident and health:						
Premiums earned <sup>1</sup> .....	458	60	398	508	83	425
Losses incurred.....	233	29	204	258	45	213
Ratio.....	51.0	48.7	51.4	50.8	53.7	50.2
Noncancellable accident and health:						
Premiums earned <sup>1</sup> .....	261	1	260	298	4	294
Losses incurred.....	113	(?)	113	128	1	127
Ratio.....	43.4	35.6	43.4	43.2	30.7	43.4
Hospital and medical:						
Premiums earned <sup>1</sup> .....	606	71	535	658	70	588
Losses incurred.....	332	35	297	369	36	333
Ratio.....	54.8	50.0	55.5	56.0	51.4	56.6

<sup>1</sup> Less dividends to policyholders or earned income credits.

<sup>2</sup> Including adjustment expenses.

<sup>3</sup> Less than \$500,000.

Source: The Spectator, Philadelphia, Pa.; *Accident Insurance Register*.

# **No. 640. ACCIDENT AND HEALTH INSURANCE—PREMIUMS WRITTEN AND BENEFIT PAYMENTS OF INSURANCE COMPANIES, BY TYPE OF PROTECTION AND COVERAGE: 1950 TO 1961**

[In millions of dollars. Includes Alaska and Hawaii. Represents premiums written and benefits paid by insurance companies only. Excludes Blue Cross-Blue Shield, medical-society sponsored, and all other independent plans]

PREMIUMS AND BENEFIT PAYMENTS	1950	1955	1958	1959	1960	1961
Premiums written.....	1,266	2,743	3,791	4,217	4,671	5,029
Group policies.....	629	1,573	2,310	2,560	2,895	3,187
Individual and family policies.....	637	1,170	1,481	1,657	1,776	1,842
Benefit payments.....	755	1,785	2,591	2,840	3,069	3,394
Type of protection:						
Group policies.....	438	1,252	1,954	2,146	2,350	2,616
Individual and family policies.....	317	533	637	694	719	778
Type of coverage:						
Loss of income <sup>1</sup> .....	(?)	(?)	782	838	839	855
Hospital expense <sup>1</sup> .....	(?)	(?)	1,046	1,119	1,231	1,353
Surgical expense <sup>1</sup> .....	(?)	(?)	394	409	423	452
Medical expense <sup>1</sup> .....	(?)	(?)	73	75	82	86
Nurse expense.....	(?)	(?)	1	1	1	1
Laboratory and X-ray.....	(?)	(?)	26	30	32	37
Pallio.....	(?)	(?)	7	7	6	6
Major medical expense.....	(?)	(?)	238	336	431	577
Accident "medical reimbursement".....	(?)	(?)	23	25	24	27

<sup>1</sup> Excludes accidental death and dismemberment benefits.

<sup>2</sup> Not available.

<sup>3</sup> Excludes benefits received by major medical expense policyholders.

Source: Health Insurance Association of America, New York, N. Y.

## No. 641. FIRE LOSSES, TOTAL AND PER CAPITA: 1901 TO 1961

[Amounts, except per capita, in thousands of dollars. Excludes Alaska and Hawaii. Prior to 1916 figures are as compiled by the New York Journal of Commerce and include losses of \$10,000 or over in the principal cities of the United States, plus 15 percent for small and unreported losses. These figures are not comparable with those shown for later years (the 1916 Journal of Commerce figure being \$214,531,000 as against \$253,378,000) which cover all fires reported to the Actuarial Bureau Committee, plus 25 percent for unreported and uninsured losses prior to 1935 and 30 percent thereafter. Estimated fire losses are based on paid losses through 1953, on incurred losses thereafter]

YEARLY AVERAGE	Amount	YEARLY AVERAGE OR YEAR	Amount	YEAR	Amount	Per capita
1901-1905.....	173,324	1941-1945.....	382,547	1955.....	885,218	5.39
1906-1910.....	270,858	1946-1950.....	643,489	1956.....	989,290	5.91
1911-1915.....	204,136	1951-1955.....	833,257	1957.....	1,023,190	6.01
1916-1920.....	334,044	1956-1960.....	1,044,720	1958.....	1,056,266	6.10
1921-1925.....	529,160	1940.....	285,879	1959.....	1,047,073	5.93
1926-1930.....	492,190	1945.....	484,274	1960.....	1,107,824	6.10
1931-1935.....	326,083	1950.....	648,909	1961.....	1,209,042	6.04
1936-1940.....	268,215					

<sup>1</sup> Based on population estimates of the Bureau of the Census. Excludes Armed Forces abroad.

Source: National Board of Fire Underwriters, New York, N.Y.; *Report of the Committee on Statistics and Origin of Losses.*

## No. 642. ESTIMATED NUMBER OF FIRES IN COMMUNITIES OF 2,500 OR MORE: 1950 TO 1961

[Excludes Alaska and Hawaii. Estimates based on reports received from fire chiefs]

ITEM	1950	1955	1957	1958	1959	1960	1961
Number of cities reporting fires.....	1,917	2,344	2,573	2,513	2,486	2,461	2,777
Number of fires, total.....	888,145	822,392	847,396	846,097	906,135	923,492	1,023,946
Per 1,000 population.....	(1)	(1)	(1)	(1)	10.2	10.4	8.9
Building fires.....	389,910	409,044	400,858	414,578	419,656	437,023	481,592
Per 1,000 population.....	(1)	(1)	(1)	(1)	4.7	4.9	4.2
Residential.....	280,399	291,324	288,704	299,861	285,796	310,251	341,537
Nonresidential assembly.....	13,917	14,944	15,426	16,602	17,409	17,599	20,201
Mercantile.....	45,408	46,279	44,334	45,608	46,651	48,108	53,242
Manufacturing.....	21,054	21,424	20,099	20,419	21,760	22,893	25,050
Storage.....	7,501	8,330	7,780	7,763	6,898	7,351	8,497
Miscellaneous.....	21,511	26,743	24,509	24,325	41,042	30,853	32,375
Nonbuilding fires.....	448,235	413,348	446,538	431,619	480,679	480,499	542,414
Per 1,000 population.....	(1)	(1)	(1)	(1)	5.5	5.5	4.7
In grass or brush.....	250,202	248,804	262,669	241,849	272,616	253,904	271,937
Other.....	189,033	164,544	183,869	189,670	214,063	232,595	270,477

<sup>1</sup> Not available.

Source: National Board of Fire Underwriters, New York, N.Y.; *Report of the Committee on Statistics and Origin of Losses.*

## No. 643. FIRES RESULTING FROM KNOWN CAUSES—NUMBER OF CLAIMS AND PROPERTY LOSS: 1953-60

[Excludes Alaska and Hawaii. Figures are for reported fires where the cause is ascertainable and do not represent either total number of fires or total property loss in the United States. Excludes all unreported losses as well as all fires resulting from unknown causes. Estimated aggregate property loss in the United States during this period was approximately \$7,883 million]

CAUSES	CLAIMS		PROPERTY LOSS	
	Number	Percent	Amount (\$1,000)	Percent
Total.....	1,834,234	100.0	3,545,960	100.0
Matches and smoking.....	429,355	23.4	537,714	15.2
Electricity and electrical equipment except lightning and static.....	376,867	20.6	1,181,033	33.3
Lightning.....	221,902	12.1	195,063	5.5
Heat, flames or sparks from sources other than defective heating units or welding torches.....	223,354	12.2	236,589	6.7
Defective heating units—All fuels combined.....	184,866	10.1	391,059	11.0
Exposure.....	118,650	6.5	252,047	7.1
Defective or overheated chimneys, flues, etc.....	66,074	3.6	116,543	3.3
Sparks from bonfires, rubbish, etc.....	51,782	2.8	76,906	2.2
Open lights.....	40,536	2.2	38,946	1.1
Spontaneous ignition.....	31,530	1.7	133,942	3.8
Incendiarism, vandalism, etc.....	18,466	1.0	91,548	2.6
Welding torches.....	10,558	0.6	113,991	3.2
Friction and friction sparks.....	9,119	0.5	47,238	1.3
Backfire or hot exhaust from internal combustion engines.....	4,286	0.2	9,962	0.3
Fireworks, firecrackers.....	2,405	0.1	4,106	0.1
Static electricity and static sparks.....	1,729	0.1	8,275	0.2
Miscellaneous.....	42,750	2.3	110,989	3.1

Source: National Board of Fire Underwriters, New York, N.Y.; *Report of the Committee on Statistics and Origin of Losses.*

# No. 644. LIFE AND FIRE AND CASUALTY INSURANCE BUSINESS, BY STATES AND OTHER AREAS: 1960

[In millions of dollars. Figures for life insurance differ from those shown in preceding tables because slightly different groups of companies were used in compiling the data]

STATE OR OTHER AREA	LIFE INSURANCE				FIRE AND CASUALTY INSURANCE	
	Premiums received	In force, Dec. 31	Sales <sup>1</sup>	Terminations <sup>2</sup>	Direct premiums earned	Direct losses incurred
<b>Total</b> .....	<b>12,628</b>	<b>652,519</b>	<b>111,036</b>	<b>60,345</b>	<b>21,276</b>	<b>13,307</b>
Alabama.....	172	8,099	1,884	1,079	217	132
Alaska.....	6	348	84	33	24	12
Arizona.....	61	3,368	799	424	122	78
Arkansas.....	64	3,248	798	562	134	80
California.....	956	55,502	9,583	4,219	2,168	1,335
Colorado.....	111	5,867	1,240	664	192	129
Connecticut.....	219	11,611	1,627	720	391	242
Delaware.....	40	2,240	423	182	47	29
District of Columbia.....	64	4,048	583	315	131	91
Florida.....	317	14,157	4,036	2,568	533	376
Georgia.....	216	11,028	2,559	1,802	318	192
Hawaii.....	44	2,507	543	245	51	33
Idaho.....	31	1,599	334	150	66	40
Illinois.....	786	40,763	5,996	3,142	1,354	820
Indiana.....	294	15,988	2,727	1,461	533	325
Iowa.....	150	7,651	1,153	650	293	179
Kansas.....	120	6,065	1,037	645	234	139
Kentucky.....	131	6,571	1,314	860	226	135
Louisiana.....	235	8,027	1,765	1,158	290	172
Maine.....	52	2,411	360	185	89	49
Maryland.....	205	10,228	1,684	1,064	302	178
Massachusetts.....	386	19,254	2,790	1,267	758	484
Michigan.....	478	26,577	3,863	2,195	970	647
Minnesota.....	182	9,875	1,447	731	402	275
Mississippi.....	64	3,556	1,001	690	145	88
Missouri.....	271	14,139	2,519	1,500	491	300
Montana.....	34	1,725	267	156	73	41
Nebraska.....	79	4,009	904	611	161	87
Nevada.....	14	725	154	72	35	24
New Hampshire.....	42	2,021	344	176	81	50
New Jersey.....	517	26,276	3,244	1,408	820	529
New Mexico.....	41	2,332	499	270	88	52
New York.....	1,604	72,148	9,380	4,616	2,663	1,696
North Carolina.....	241	10,876	2,324	1,453	354	222
North Dakota.....	28	1,360	258	133	61	38
Ohio.....	991	35,413	4,897	2,615	1,030	658
Oklahoma.....	114	6,285	1,233	726	241	181
Oregon.....	97	4,984	814	499	202	117
Pennsylvania.....	907	42,801	6,127	3,387	1,208	763
Rhode Island.....	64	3,067	520	252	102	72
South Carolina.....	108	5,215	1,158	753	174	102
South Dakota.....	26	1,485	316	163	64	40
Tennessee.....	170	9,261	2,025	1,247	316	210
Texas.....	524	29,180	5,484	3,532	969	564
Utah.....	48	2,723	573	316	72	44
Vermont.....	23	1,046	167	95	49	21
Virginia.....	233	11,379	2,699	1,304	315	195
Washington.....	147	7,912	2,092	678	202	164
West Virginia.....	81	4,387	768	474	135	70
Wisconsin.....	238	12,139	1,822	831	420	260
Wyoming.....	17	893	183	107	32	19
Miscellaneous.....	222	10,761	3,509	2,620	-----	-----
Puerto Rico.....	13	614	165	85	-----	-----
Canada.....	741	40,091	6,943	3,209	864	529
Canal Zone.....	1	145	45	35	-----	-----
Mexico.....	1	236	65	37	-----	-----
Philippine Islands.....	7	163	23	25	-----	-----

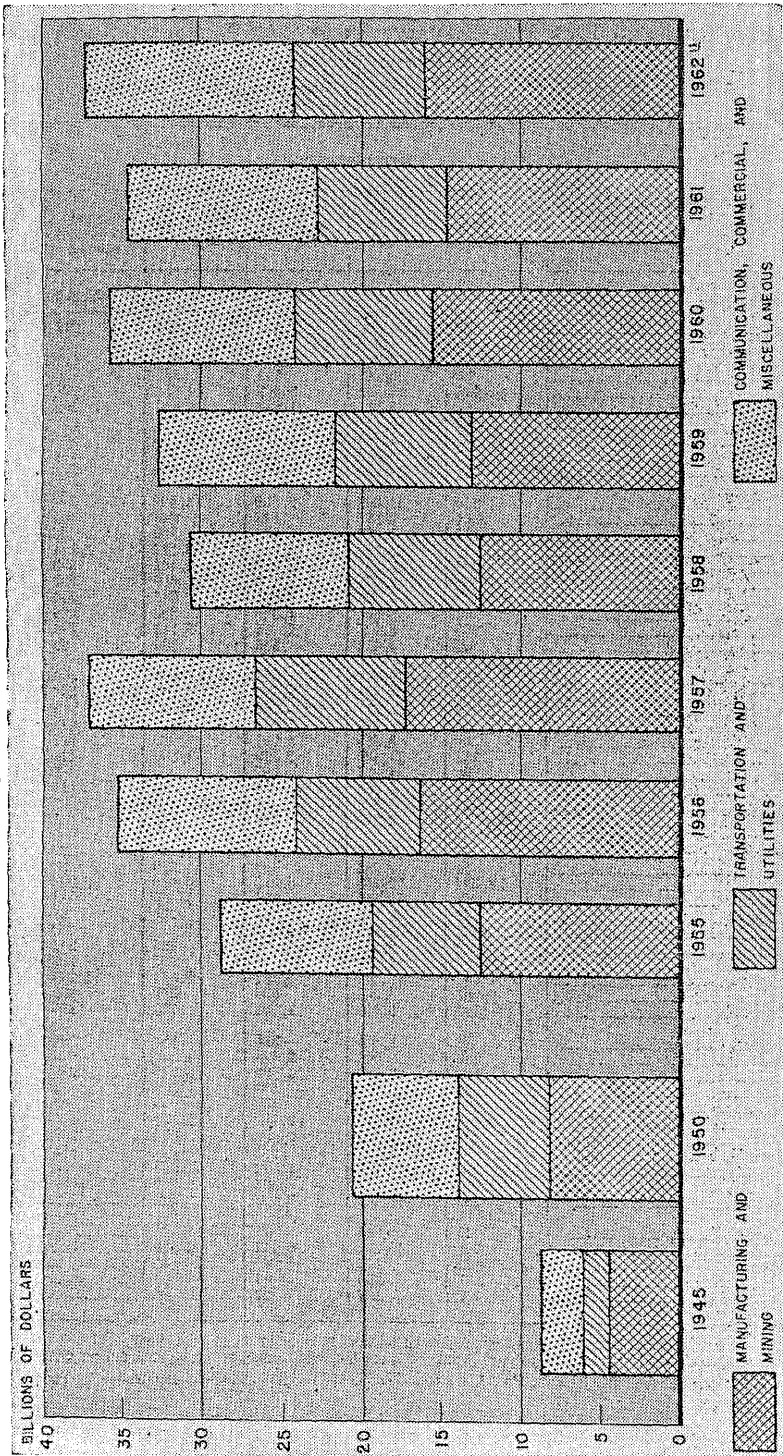
<sup>1</sup> Comprises new policies issued, policies revived, and policies increased during the year.

<sup>2</sup> Comprises insurance terminated by death, maturity, expiry, surrender, lapse, decrease, and withdrawal.

Source: The Spectator, Philadelphia, Pa., *Insurance Yearbook*, Life Volume, and Insurance by States Volume.

FIG. XXVII. BUSINESS EXPENDITURES FOR NEW PLANT AND EQUIPMENT: 1945 to 1962

[See table 664]



<sup>1</sup> Estimated; see footnote 1, table 664.

Source: Chart prepared by Department of Commerce, Bureau of the Census, Data from Securities and Exchange Commission and Department of Commerce, Office of Business Economics.

## Section 17

### Business Enterprise

Statistics in this section relate in general to the place and behavior of the business firm and of business initiative in the American economy. The data include measures of and changes in the numbers of businesses; assets and liabilities of corporations; types of business income and expenditures; business sales and inventories; and consumer cooperatives.

The principal sources of these data are the *Survey of Current Business* and its *National Income Supplement* (1954) and *U.S. Income and Output* (1958), published by the Office of Business Economics, Department of Commerce; the *Federal Reserve Bulletin* issued by the Board of Governors of the Federal Reserve System; and monthly statements published by Dun & Bradstreet, Inc. Other sources are publications of the Securities and Exchange Commission and the Internal Revenue Service.

**Firms in operation, entering, and leaving.**—The number of firms in existence and the number of new, discontinued, and transferred businesses are estimated by the Office of Business Economics on the basis of data from the Internal Revenue Service and the Bureau of Old-Age and Survivors Insurance.

A business firm is defined by the Office of Business Economics as a business organization under a single management and may include one or more plants or outlets; a firm doing business in more than one industry is classified by industry according to the major activity of the firm as a whole. A self-employed person is considered a firm only if he has either one or more employees or has an established place of business. This count of firms differs from that of the Bureau of the Census which ordinarily represents a count of establishments, e.g., manufacturing plants or retail stores, larger than a minimum specified size.

New businesses include firms which are newly established; discontinued businesses refer only to liquidations. Business transfers represent purchases of going businesses, acquisitions of businesses through inheritance, transfers of businesses to a trustee or executor, as well as changes in the form of business organization.

**Industrial and commercial failures.**—These data are collected by Dun & Bradstreet, and are available by years since 1857 and by months since 1900. The number of failures includes concerns involved in court proceedings or voluntary actions likely to end in loss to creditors; discontinuances with outside obligations paid in full are not included. Data cover manufacturers, wholesalers, retailers, building contractors, and certain types of commercial service, but do not encompass all business enterprises. Specific types of business not listed are: Finance, insurance, and real estate companies; railroads and steamship lines; amusement enterprises. Failures data are published monthly in summary form in *Dun's Review & Modern Industry*.

**Corporate assets and liabilities.**—Data on corporate assets and liabilities are from the Internal Revenue Service and the Securities and Exchange Commission. In its annual report, *Statistics of Income, Corporation Income Tax Returns*, the Internal Revenue Service presents balance sheet and income account data for all United States corporations. In a quarterly release entitled *Net Working Capital of U.S. Corporations*, the Securities and Exchange Commission publishes data on the net working capital position of all United States corporations, exclusive of banks, savings and loan associations, and insurance companies, showing the principal components of current assets and liabilities.

**Corporate income, profits, dividends, and taxes.**—Several agencies (the Internal Revenue Service, the Office of Business Economics, and the Federal Reserve Board)

compile corporate income account data. These data, however, are not comparable because of differing methods of compilation.

The Internal Revenue Service publishes corporate data based on income tax returns in the aforementioned *Statistics of Income*.

The corporate data issued by the Office of Business Economics are a part of its national income and product accounts and are defined as required for purposes of national income estimation. The primary sources of data for the Office of Business Economics estimates of profits, taxes, dividends, and undistributed profits are the original corporate tax returns submitted to the Internal Revenue Service. Various adjustments of the *Statistics of Income* data are required by the national income treatment, particularly with respect to depletion, capital gain or loss, and intercorporate dividends, and because the original corporate income statements do not represent the final stage of information.

Federal Reserve Board data relating to profits and dividends apply to particular industrial segments only, such as large manufacturing and public utility corporations.

**Sources and uses of corporate funds.**—These data indicate capital requirements of corporations and the manner in which they are financed. Sources of funds are equal to their uses. Certain discrepancies, however, apart from errors in estimation, interfere with this equality. These discrepancies are not particularly significant and are due to omission of such factors as (1) money accruing to corporations from an excess of sales over purchases of used plant and equipment, and (2) transactions in securities held as permanent investments except public offerings.

**Business sales and inventories.**—Business sales and inventories as defined by the Office of Business Economics are the sum of data for manufacturing, wholesale, and retail trade. 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 the cost price or market price, whichever is lower. The data on sales and inventories for manufacturers (see tables 668 and 669) are based on annual data, published by the Internal Revenue Service in *Statistics of Income*.

**Net change in business inventories.**—To ascertain net physical change in nonfarm inventories, book values of beginning and ending inventories of each year are expressed in terms of constant base year prices by means of selected Bureau of Labor Statistics wholesale price indexes appropriate to each industry. Net increment in deflated book value figures is then converted to a current price basis by index ratios of current prices to base year prices. No inventory valuation adjustment is shown for farm inventories because change in farm inventories is estimated by the Department of Agriculture from physical quantity data.

**Plant and equipment expenditures.**—A joint survey by the Securities and Exchange Commission and the Department of Commerce presents quarterly data on actual plant and equipment expenditures, and on anticipated expenditures for the next two quarters. In addition, at the beginning of each year, a survey is made of plans of business as regards capital expenditures during that year. The data are based on reports submitted by corporations registered with the Securities and Exchange Commission, by transportation companies under Interstate Commerce Commission jurisdiction, and by a large sample of nonregistered companies, unincorporated as well as corporate, reporting to the Department of Commerce.

**Alaska and Hawaii.**—For a general statement concerning the treatment of data for Alaska and Hawaii, see preface.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics, Colonial Times to 1957*, series V 4-19") provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.



# No. 645. NUMBER OF FIRMS IN OPERATION, AND NEW AND DISCONTINUED BUSINESSES: 1940 TO 1962

[In thousands. Excludes Alaska and Hawaii, except as noted. Excludes firms in agriculture and the professional services. New businesses include only firms which have been newly established; going concerns which have been purchased are considered business transfers. Discontinued businesses include closures of all kinds without reference to reason for discontinuing—e.g., failure, retirement, illness of proprietor, etc. See also *Historical Statistics, Colonial Times to 1957, series V 4-19*]

STATUS OF FIRMS AND YEAR	All industries	Mining and quarrying	Contract construction	Manufacturing	Transportation, communication, and other public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Service industries
<b>FIRMS IN OPERATION</b>									
Annual averages:									
1940.....	3,290.8	35.6	198.8	226.0	140.6	186.4	1,567.4	300.6	626.8
1945.....	3,113.9	32.2	176.8	258.4	144.2	196.9	1,403.5	310.3	591.5
1950 <sup>1</sup> .....	4,050.7	37.0	370.5	320.7	179.5	266.2	1,815.8	325.5	735.6
Number in operation as of Jan. 1—									
1955.....	4,286.8	38.8	420.8	320.1	193.4	291.9	1,874.5	359.5	772.6
1956.....	4,381.2	40.9	451.7	327.3	200.1	296.9	1,903.2	371.5	789.6
1957.....	4,470.7	42.2	465.4	332.3	208.4	303.7	1,925.6	383.0	810.0
1958.....	4,533.5	42.7	465.9	328.9	210.5	309.0	1,954.6	393.9	828.1
1959.....	4,582.6	42.8	464.4	323.2	200.9	312.0	1,978.8	405.3	848.1
1960.....	4,658~	(2)	476	323	(2)	317	1,997	(2)	872
1961.....	4,713	(2)	477	322	(2)	322	2,011	(2)	895
1962 (prel.).....	4,752	(2)	473	318	(2)	326	2,022	(2)	917
<b>NEW BUSINESSES</b>									
1940.....	275.2	5.3	21.9	20.2	16.7	20.4	117.0	14.7	49.2
1945.....	422.7	4.0	55.8	37.2	20.7	30.2	161.4	22.9	84.5
1950.....	348.2	4.1	64.1	30.0	21.4	21.6	133.0	18.6	55.5
1955.....	408.2	5.4	68.7	20.4	26.1	22.3	161.4	27.5	67.4
1956.....	431.2	5.4	68.0	31.4	30.2	24.2	170.2	28.3	73.5
1957.....	398.1	4.4	57.0	25.4	25.2	22.8	165.7	26.7	71.0
1958.....	396.6	4.3	57.6	24.0	23.8	22.0	160.4	28.5	76.2
1959.....	422	(2)	67	27	(2)	23	161	(2)	82
1960.....	438	(2)	66	27	(2)	24	170	(2)	89
1961 (prel.).....	437	(2)	64	27	(2)	25	170	(2)	90
<b>DISCONTINUED</b>									
1940.....	318.1	3.6	30.0	21.7	20.7	13.9	137.6	16.8	73.7
1945.....	175.6	3.0	16.9	26.4	13.5	7.3	59.2	11.2	33.3
1950.....	289.6	3.7	39.2	24.7	18.3	16.3	115.0	14.5	57.8
1955.....	313.8	3.3	46.8	28.2	19.5	17.3	132.7	15.5	50.4
1956.....	341.7	4.1	54.3	26.4	21.8	17.3	147.8	16.9	53.1
1957.....	335.3	3.9	56.6	28.9	23.1	17.5	136.6	15.8	52.9
1958.....	347.5	4.1	59.0	29.7	24.4	18.0	138.2	17.0	56.2
1959.....	346	(2)	60	27	(2)	18	140	(2)	59
1960.....	384	(2)	64	29	(2)	19	157	(2)	65
1961 (prel.).....	393	(2)	67	31	(2)	21	159	(2)	68
<b>TRANSFERS</b>									
1945.....	473.2	2.4	9.9	21.3	11.9	15.7	307.6	21.5	82.9
1950.....	419.4	2.3	14.8	20.6	16.2	14.4	277.8	16.1	63.1
1955.....	384.3	2.0	13.4	16.6	9.6	12.6	268.7	16.5	55.0
1956.....	392.7	2.1	14.0	16.7	10.6	13.3	261.1	16.9	58.0
1957.....	376.2	1.7	13.2	15.0	9.7	12.4	251.7	16.2	56.2
1958 <sup>1</sup> .....	370.9	1.6	11.8	14.4	9.1	11.4	248.2	16.0	58.5
<b>Summary Table</b>									
ITEM	1945	1950	1955	1956	1957	1958	1959	1960	1961
New incorporations <sup>1</sup> .....	36.1	93.1	139.9	141.2	137.1	150.8	193.1	182.7	181.5

<sup>1</sup> Not available after 1952. <sup>2</sup> Not available. <sup>3</sup> Not available after 1958.

<sup>4</sup> Compiled by Dun & Bradstreet, Inc. Beginning 1950, includes Hawaii and 1960, Alaska.

<sup>5</sup> July to December only.

Source: Department of Commerce, Office of Business Economics; published periodically in *Survey of Current Business*.

# NO. 646. SOLE PROPRIETORSHIPS, PARTNERSHIPS, AND CORPORATIONS—NUMBER BUSINESS RECEIPTS, DEPRECIATION, AND NET PROFIT, BY INDUSTRY: 1959

[Number in thousands; money figures in millions of dollars. Includes Alaska and Hawaii. Based on sample of unaudited tax returns filed for accounting periods ending between July 1 of year shown and June 30 of following year]

INDUSTRY	Sole proprietorships <sup>1</sup>	Active partnerships	Active corporations
<b>NUMBER</b>	<b>9,142</b>	<b>949</b>	<b>1,074</b>
<b>All industries</b>			
Agriculture, forestry, and fisheries	3,505	142	16
Mining	34	13	13
Construction	646	67	66
Manufacturing	187	48	156
Transportation, communication, electric, gas, and sanitary services	284	18	43
Wholesale and retail trade	2,010	304	335
Wholesale	269	50	110
Retail	1,582	241	200
Not allocable	169	12	25
Finance, insurance, and real estate	447	185	319
Services	1,980	160	110
Nature of business not allocable	50	12	17
<b>BUSINESS RECEIPTS<sup>2</sup></b>			
<b>All industries</b>	<b>176,205</b>	<b>77,047</b>	<b>772,915</b>
Agriculture, forestry, and fisheries	27,816	4,307	3,677
Mining	1,005	967	9,897
Construction	15,719	7,788	31,082
Manufacturing	6,726	7,793	356,973
Transportation, communication, electric, gas, and sanitary services	4,045	1,106	80,609
Wholesale and retail trade	92,390	41,660	252,868
Wholesale	19,084	14,565	124,124
Retail	66,167	24,882	118,156
Not allocable	7,139	2,213	10,587
Finance, insurance, and real estate	4,407	4,217	36,062
Services	23,481	9,044	20,954
Nature of business not allocable	616	265	194
<b>DEPRECIATION</b>			
<b>All industries</b>	<b>6,914</b>	<b>2,103</b>	<b>20,494</b>
Agriculture, forestry, and fisheries	3,073	311	164
Mining	94	91	691
Construction	416	234	602
Manufacturing	233	173	9,228
Transportation, communication, electric, gas, and sanitary services	399	75	4,808
Wholesale and retail trade	1,335	435	1,669
Wholesale	225	112	647
Retail	960	296	1,208
Not allocable	144	27	114
Finance, insurance, and real estate	226	445	1,763
Services	1,113	328	1,260
Nature of business not allocable	23	10	7
<b>NET PROFIT<sup>3</sup></b>			
<b>All industries</b>	<b>21,517</b>	<b>8,845</b>	<b>46,797</b>
Agriculture, forestry, and fisheries	2,914	589	100
Mining	46	26	646
Construction	1,980	713	570
Manufacturing	627	650	24,986
Transportation, communication, electric, gas, and sanitary services	554	132	6,791
Wholesale and retail trade	5,782	2,529	5,567
Wholesale	1,169	701	2,563
Retail	4,122	1,692	2,763
Not allocable	491	137	241
Finance, insurance, and real estate	1,505	1,201	7,163
Services	8,084	2,964	968
Nature of business not allocable	77	42	2

<sup>1</sup> Individually owned businesses and farms.

<sup>2</sup> Receipts from sales and services less returns and allowances.

(a) For sole proprietorships, excludes capital gains or losses and investment income not associated with the taxpayer's business.

(b) For partnerships and corporations engaged in finance, insurance, and real estate, excludes a sizable part of their income because reporting instructions prescribe separate entries for investment income.

<sup>3</sup> Net profit or net income less loss or deficit.

(a) Sole proprietorships: Business receipts less total deductions, including cost of goods sold.

(b) Partnerships: Total receipts less total deductions, including cost of goods sold. Net profit includes investment and other income.

(c) Corporation returns: Net income is the gross income subject to tax, less ordinary and necessary business deductions.

<sup>4</sup> Net loss exceeds net profit.

Source: Treasury Department, Internal Revenue Service, *Statistics of Income, 1959-60, U.S. Business Tax Returns*.

**No. 647. SALES, ASSETS, PROFIT, AND INVESTED CAPITAL OF LARGEST INDUSTRIAL CORPORATIONS AND MERCHANDISING FIRMS, BY GROUP RANK OF SALES VOLUME: 1959 AND 1960**

[In millions of dollars. Excludes certain large corporations which did not report sales, such as Hughes Tool, Deering Milliken, etc.]

CORPORATIONS AND FIRMS GROUPED BY SALES	1959				1960			
	Sales <sup>1</sup>	Assets <sup>2</sup>	Net profit <sup>3</sup>	Invested capital <sup>4</sup>	Sales <sup>1</sup>	Assets <sup>2</sup>	Net profit <sup>3</sup>	Invested capital <sup>4</sup>
<b>INDUSTRIAL CORPORATIONS</b>								
500 largest, total.....	197,398	168,505	11,987	108,939	204,724	176,187	11,623	115,230
Lowest hundred.....	8,242	6,912	430	4,516	8,474	7,400	362	4,850
Second hundred.....	11,385	9,169	651	5,886	11,699	9,553	528	6,214
Third hundred.....	17,989	15,166	1,012	9,807	18,524	14,693	924	9,421
Fourth hundred.....	31,732	23,934	1,672	15,197	32,637	25,939	1,488	16,080
Highest hundred.....	128,051	113,334	8,221	74,054	133,390	118,602	8,320	78,666
<b>MERCHANDISING FIRMS</b>								
50 largest, total.....	34,272	11,872	791	7,276	35,702	12,481	770	7,760
Lowest ten.....	1,924	658	37	278	2,221	999	57	531
Second ten.....	2,646	1,223	76	708	2,818	1,488	70	863
Third ten.....	4,008	1,676	69	1,023	4,100	1,474	59	791
Fourth ten.....	6,258	2,217	125	1,270	6,436	2,194	117	1,278
Highest ten.....	19,435	6,098	486	3,998	20,126	6,327	471	4,297

<sup>1</sup> Includes sales of subsidiaries when they are consolidated. For industrial corporations: Net sales include service and rental revenues, but all 500 companies must have derived at least 50 percent of their revenues from manufacturing or mining for years ending not later than Jan. 3, 1960, and Jan. 1, 1961. Excludes excise taxes collected by manufacturer. For merchandising firms: Net sales include all operating revenues for years ending not later than Apr. 2, 1960, and Apr. 1, 1961.

<sup>2</sup> Total assets employed in business, at end of fiscal year, less depreciation and depletion, but including Government securities, held as offsets against tax liabilities.

<sup>3</sup> After taxes, and after special charges or credits when shown on income statement.

<sup>4</sup> Capital stock, surplus, and retained earnings (i.e., net worth) at end of year.

Source: Fortune, New York, N.Y.; annual supplement, *The Fortune Directory* (copyright, 1961, by Time Inc.).

**No. 648. SELECTED FINANCIAL ITEMS FOR LARGEST INDUSTRIAL CORPORATIONS, BY INDUSTRY: 1960**

[Figures are medians for 500 largest corporations based on sales in 1960. See headnote, table 18, for definition of median. Minus sign (-) denotes decrease]

INDUSTRY <sup>1</sup>	Assets per employee	Sales per employee	Sales per dollar of invested capital	Return on invested capital	Return on sales	CHANGE FROM 1959 IN—	
						Sales	Profit
<b>Total</b> <sup>2</sup> .....	Dollars 15,511	Dollars 20,835	Dollars 1.98	Percent 9.1	Percent 4.4	Percent 3.7	Percent -3.0
Mining.....	53,241	33,655	.95	9.4	10.8	-0.4	10.8
Food and beverage.....	16,005	33,773	3.29	8.9	2.6	1.9	1.4
Tobacco.....	46,984	38,861	1.59	11.7	9.0	8.1	4.2
Textiles.....	10,895	14,481	1.96	8.3	3.9	5.5	11.1
Lumber and wood products.....	21,562	21,891	2.24	6.4	3.6	-3.1	-33.2
Paper and allied products.....	20,004	19,372	1.57	8.4	6.0	5.0	0.7
Publishing and printing.....	13,143	19,291	2.51	9.5	3.7	9.5	4.7
Chemicals.....	22,158	24,700	1.64	11.0	6.3	3.9	-0.2
Petroleum refining.....	69,589	53,266	1.22	8.6	6.8	2.8	3.9
Rubber.....	10,791	17,118	2.68	10.4	3.7	-0.1	-14.0
Glass, cement, gypsum, concrete.....	19,630	20,107	1.42	10.2	8.4	1.5	-15.7
Metal manufacturing.....	20,365	19,777	1.48	6.6	4.7	-2.1	-22.1
Metal products.....	12,411	17,446	2.06	6.1	3.0	-3.4	-18.2
Machinery.....	13,823	16,766	1.94	8.8	4.0	3.4	-11.3
Appliances, electronics.....	10,094	16,701	2.77	10.3	4.0	6.0	-1.1
Autos, aircraft, shipbuilding.....	11,042	20,535	2.99	9.1	2.9	1.0	-14.9

<sup>1</sup> Industry groupings are based on classifications established by the Bureau of the Budget.

<sup>2</sup> Includes only companies in the 500.

Source: Fortune, New York, N.Y.; *Fortune*, July 1961 (copyright, 1961, by Time Inc.).

## No. 649. CONSUMER COOPERATIVES, BY TYPE OF ASSOCIATION: 1959 AND 1960

[Includes Alaska and Hawaii]

TYPE OF ASSOCIATION	1959			1960 (prel.)		
	Associa- tions	Members	Business (\$1,000)	Associa- tions	Members	Business (\$1,000)
Credit unions <sup>1</sup> .....	19,408	11,319,884	3,717,736	20,056	12,058,224	4,402,616
Electric power cooperatives <sup>2</sup> .....	888	4,321,274	530,021	888	4,422,374	558,718
Rural telephone cooperatives <sup>3</sup> .....	203	310,223	22,017	209	348,386	26,495
Group nonprofit voluntary prepayment health plans <sup>4</sup> .....	(5)	8,319,000	259,200	(5)	(5)	311,200
Community and consumer.....	(5)	4,481,000	95,900	(5)	(5)	129,309
Employer-employee-union.....	(5)	3,838,000	163,300	(5)	(5)	181,900
Housing <sup>5</sup> .....	1,097	56,615	622,611	1,334	64,418	740,121
Farmer retail supply cooperatives <sup>7</sup> .....	7,406	(9)	2,371,061	7,102	(9)	2,408,157
Producers' goods.....	4,500+	(9)	1,459,199	4,500+	(9)	1,479,362
Petroleum products.....	2,839	(9)	580,150	2,830	(9)	566,180
Meats and groceries.....	953	(9)	52,513	905	(9)	52,753
Other supplies.....	6,388	(9)	279,199	6,349	(9)	279,862
Associations principally engaged in farm supply business <sup>7</sup> .....	3,387	3,643,525	(9)	3,297	3,600,465	(9)

<sup>1</sup> Department of Health, Education, and Welfare, Social Security Administration. "Business" refers to loans outstanding.

<sup>2</sup> Department of Agriculture, Rural Electrification Administration. Distribution cooperatives currently borrowing from REA, average number of consumers served, and electric revenues.

<sup>3</sup> Department of Agriculture, Rural Electrification Administration. Cooperatives currently borrowing from REA, number of subscribers at end of year, annual revenues.

<sup>4</sup> Department of Health, Education, and Welfare, Social Security Administration. "Business" refers to income of the associations.

<sup>5</sup> Not available.

<sup>6</sup> Federal Housing Administration. Cooperative projects insured, housing units, and value of mortgages, cumulative from beginning of Section 213 program through December 31.

<sup>7</sup> Department of Agriculture, Farmer Cooperative Service. Data cover fiscal years 1958-59 and 1959-60.

Source: Compiled by Department of Labor, Bureau of Labor Statistics, from sources indicated above.

## No. 650. EMPLOYERS REPORTING UNDER SOCIAL SECURITY ACT, EMPLOYMENT, AND TAXABLE WAGES, BY SIZE OF FIRM: FIRST QUARTER, 1945 TO 1956

[Employers and employment in thousands, wages in millions. Includes Alaska, Hawaii, Puerto Rico, and Virgin Islands. Data represent commercial and industrial employers in the scope of *County Business Patterns* (see table 651), but also include estimates for late returns excluded from that publication. Excludes self-employed and railroads. Data for 1945 through 1949 represent all employers reporting. Additional types of employers, first required to report for 1951 and later years, are excluded. An employer is a legal entity, such as a corporation, partnership, or single ownership, for which a single tax return is filed]

ITEM AND PERIOD JAN.-MAR.	Total	EMPLOYEE-SIZE CLASS OF FIRM <sup>1</sup>									
		0	1 to 3	4 to 7	8 to 19	20 to 49	50 to 99	100 to 499	500 to 999	1,000 to 9,999	10,000 or more
EMPLOYERS											
1945.....	2,001.0	23.3	1,174.3	404.0	233.4	100.5	34.0	25.6	3.2	2.6	0.2
1947.....	2,486.7	40.4	1,416.7	519.6	314.8	121.6	39.6	28.9	3.3	2.8	0.2
1949.....	2,639.3	50.0	1,544.8	535.4	317.1	120.0	38.4	27.7	3.1	2.6	0.2
1951.....	2,776.6	(2)	<sup>2</sup> 1,670.9	562.3	333.5	130.5	42.1	30.8	3.4	2.9	0.2
1953.....	2,813.4	(2)	<sup>2</sup> 1,682.4	572.8	340.7	135.8	43.9	31.1	3.5	2.9	0.2
1956.....	3,006.5	(2)	<sup>2</sup> 1,834.0	563.9	381.5	142.3	46.0	32.3	3.4	2.8	0.2
EMPLOYMENT <sup>2</sup>											
1945.....	32,803	0	1,949	2,078	2,769	3,018	2,322	5,269	2,233	6,554	6,623
1947.....	35,067	0	2,382	2,650	3,704	3,699	2,870	5,782	2,269	6,794	5,201
1949.....	34,689	0	2,549	2,716	3,732	3,576	2,809	5,485	2,139	6,492	5,391
1951.....	38,101	0	2,775	2,899	3,987	3,928	2,885	6,122	2,311	7,110	6,084
1953.....	39,977	0	2,778	2,949	4,067	4,086	3,016	6,095	2,372	7,438	7,177
1956.....	41,006	0	3,084	2,906	4,544	4,291	3,136	6,346	2,303	7,205	7,192
WAGES <sup>3</sup>											
1945.....	\$17,938	\$23	\$862	\$793	\$1,148	\$1,408	\$1,165	\$2,740	\$1,242	\$4,043	\$4,715
1947.....	20,905	28	950	1,193	1,917	2,086	1,595	3,542	1,437	4,534	3,523
1949.....	23,376	42	1,121	1,366	2,204	2,360	1,760	3,754	1,523	4,940	4,207
1951.....	29,000	(2)	<sup>2</sup> 1,390	1,614	2,617	2,872	2,182	4,769	1,882	6,173	5,501
1953.....	34,030	(2)	<sup>2</sup> 1,525	1,798	2,923	3,271	2,502	5,244	2,141	7,165	7,490
1956.....	39,233	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)

<sup>1</sup> Measured by number of persons employed during pay period ending nearest March 15.

<sup>2</sup> Firm size "0" combined with size "1 to 3." <sup>3</sup> For pay period ending nearest March 15.

<sup>3</sup> Wages paid by employers for covered employment during period, excluding wages over \$3,000 paid by any employer to any worker in a calendar year prior to 1951, and over \$3,600 beginning 1951.

<sup>4</sup> Not available.

Source: Department of Health, Education, and Welfare, Social Security Administration, Bureau of Old-Age and Survivors Insurance.

# No. 651. REPORTING UNITS UNDER SOCIAL SECURITY ACT, EMPLOYMENT, AND TAXABLE PAYROLLS, BY STATES AND OTHER AREAS: FIRST QUARTER, 1950

[Based on reports of employers under old-age and survivors insurance provisions of the Social Security Act. A reporting unit is, generally, a single establishment or group of similar establishments of an employer. Excludes self-employed and railroads]

STATE OR OTHER AREA	Employees, mid-March (1,000)	Taxable payrolls, January-March (\$1,000)	Total reporting units	NUMBER OF REPORTING UNITS, BY EMPLOYEE-SIZE CLASS					
				0 to 3	4 to 7	8 to 19	20 to 49	50 to 99	100 or more
<b>Total<sup>1</sup></b>	<b>41,904</b>	<b>44,098,335</b>	<b>3,302,524</b>	<b>1,915,639</b>	<b>623,656</b>	<b>461,326</b>	<b>186,735</b>	<b>61,418</b>	<b>54,850</b>
Alabama	579	494,671	43,810	23,447	9,095	7,068	2,633	791	782
Alaska	23	33,639	3,180	1,984	599	390	134	42	25
Arizona	286	244,641	22,236	12,558	4,427	3,286	1,315	394	255
Arkansas	261	191,107	20,263	17,020	5,979	4,102	1,428	413	321
California	3,713	4,452,625	294,710	169,016	57,232	40,803	17,437	5,750	4,472
Colorado	359	371,755	35,810	20,987	6,888	4,976	1,945	624	390
Connecticut	766	890,825	50,197	30,071	8,771	6,666	2,776	928	985
Delaware	126	154,192	8,422	4,573	1,712	1,272	540	172	153
District of Columbia	259	258,964	18,548	9,955	3,535	2,646	1,290	485	337
Florida	1,019	902,662	101,641	58,127	19,860	14,786	5,830	1,848	1,190
Georgia	797	656,678	60,845	32,602	12,498	9,743	3,787	1,221	1,094
Hawaii	117	106,221	9,406	4,975	1,823	1,564	672	194	178
Idaho	112	103,627	13,471	7,757	2,780	1,941	698	182	113
Illinois	2,807	3,820,615	195,908	115,454	34,564	26,767	11,138	4,021	3,994
Indiana	1,280	1,277,004	80,087	46,755	14,882	11,126	4,423	1,441	1,460
Iowa	514	479,749	58,913	37,184	10,749	7,345	2,393	712	530
Kansas	402	378,788	45,752	23,201	8,434	5,953	2,194	588	582
Kentucky	491	445,460	45,544	26,433	8,973	6,497	2,340	672	623
Louisiana	594	555,303	49,312	26,443	9,678	8,008	3,211	971	801
Maine	201	172,494	19,511	12,254	3,418	2,407	881	265	286
Maryland	688	690,962	46,639	24,833	9,680	7,289	2,967	1,020	850
Massachusetts	1,528	1,557,471	99,089	53,082	19,930	14,830	6,203	2,214	2,234
Michigan	1,896	2,300,170	127,191	76,889	22,701	16,898	6,611	2,147	2,095
Minnesota	710	729,205	63,094	36,166	12,086	8,864	3,428	1,101	849
Mississippi	289	210,423	27,843	15,386	5,771	4,264	1,574	467	351
Missouri	1,058	1,058,980	85,260	50,132	15,575	11,915	4,598	1,566	1,483
Montana	109	103,594	15,002	9,100	3,044	1,983	620	160	95
Nebraska	258	223,752	31,123	16,588	5,655	3,765	1,455	378	282
Nevada	69	77,630	6,535	3,761	1,356	902	331	80	105
New Hampshire	154	134,684	12,987	7,914	2,316	1,652	630	230	245
New Jersey	1,610	1,824,596	117,148	70,823	19,764	15,135	6,792	2,378	2,285
New Mexico	158	158,555	16,124	8,706	3,495	2,563	915	278	169
New York	5,018	5,751,853	380,721	226,514	67,128	50,498	22,443	7,602	6,536
North Carolina	944	733,592	69,584	38,084	14,086	10,666	4,154	1,591	1,453
North Dakota	80	65,232	12,434	7,640	2,452	1,568	589	124	61
Ohio	2,540	2,920,081	164,379	92,894	31,748	23,482	9,651	3,298	3,306
Oklahoma	436	405,857	47,193	27,926	8,885	6,577	2,844	677	484
Oregon	359	384,000	37,891	22,461	6,846	4,953	1,908	609	464
Pennsylvania	3,041	3,194,012	197,847	112,096	38,225	27,292	11,673	4,226	4,425
Rhode Island	230	212,234	17,484	10,663	3,190	2,309	1,088	394	350
South Carolina	442	334,243	33,243	18,735	6,559	4,952	1,768	533	596
South Dakota	87	69,045	14,157	9,099	2,632	1,750	495	128	53
Tennessee	708	609,055	55,121	30,940	10,847	8,162	3,159	1,020	1,003
Texas	1,997	1,898,643	182,368	106,248	34,098	25,469	10,638	3,360	2,555
Utah	168	173,200	15,855	8,876	3,225	2,385	889	295	185
Vermont	70	68,401	8,583	5,272	1,531	1,124	423	120	113
Virginia	745	647,130	61,086	33,254	12,285	9,725	3,673	1,183	966
Washington	595	673,518	54,808	33,051	10,193	7,188	2,876	849	651
West Virginia	371	382,740	30,573	18,084	5,715	4,290	1,522	472	490
Wisconsin	926	967,475	76,761	46,843	13,735	10,093	3,631	1,262	1,197
Wyoming	56	55,225	8,028	4,733	1,700	1,111	355	82	47
Puerto Rico	205	89,646	13,133	7,196	2,319	1,933	884	401	400
Virgin Islands	5	2,309	467	216	85	106	46	8	6

<sup>1</sup> Includes covered employment on oceanborne vessels; not included in State figures.

Source: Department of Commerce, Bureau of the Census, and Department of Health, Education, and Welfare, Social Security Administration, Bureau of Old-Age and Survivors Insurance; cooperative report, *County Business Patterns, First Quarter, 1950*, Part 1, U.S. Summary.

## No. 652. INCOME OF UNINCORPORATED ENTERPRISES, BY INDUSTRY: 1940 TO 1960

[In millions of dollars. Beginning 1960, includes Alaska and Hawaii. Income equals business receipts (exclusive of capital gains and expenses) less business expenses (exclusive of capital losses and depletion allowances)]

INDUSTRY	1940	1945	1950	1955	1958	1959	1960
All industries.....	13,055	30,941	38,635	42,347	46,108	46,472	48,233
Agriculture, forestry, and fisheries.....	4,633	11,072	14,273	12,129	13,943	11,093	12,376
Mining.....	69	108	235	261	265	222	220
Contract construction.....	689	1,088	3,071	4,034	4,322	4,825	4,932
Manufacturing.....	515	2,361	1,085	1,626	1,493	1,511	1,396
Wholesale and retail trade.....	3,893	9,076	10,439	11,645	11,729	12,307	12,640
Finance, insurance, and real estate.....	365	757	1,573	2,455	2,455	2,704	2,848
Transportation.....	285	426	650	754	786	800	811
Communications and public utilities.....	7	23	34	62	74	72	74
Services.....	2,639	4,530	6,675	9,381	11,041	12,248	13,036

Source: Department of Commerce, Office of Business Economics; *National Income Supplement, 1964, U.S. Income and Output*, a supplement to the *Survey of Current Business*, and *Survey of Current Business*, July 1961.

## No. 653. ASSETS AND LIABILITIES OF ACTIVE CORPORATIONS: 1940 TO 1959

[Assets and liabilities in millions of dollars. Includes Alaska and Hawaii. See headnote, table 518. See also *Historical Statistics, Colonial Times to 1867*, series V 38 and V 65-85]

ITEM	1940	1950	1955	1956	1957	1958	1959
Number of active corporation returns.....	473,042	629,314	807,303	835,747	940,147	990,381	1,074,120
With assets at end of year.....	413,716	569,061	746,962	827,916	879,106	927,635	1,017,767
Total assets or liabilities.....	320,478	598,369	888,621	948,951	996,400	1,064,481	1,136,668
ASSETS							
Cash.....	41,423	71,018	87,375	89,780	89,222	93,248	91,856
Notes and accounts receivable <sup>1</sup> .....	42,864	108,639	191,779	210,392	193,226	210,141	227,994
Inventories.....	19,463	54,406	70,920	78,744	80,560	80,047	83,304
Investments, government obligations.....	29,570	109,822	131,897	122,071	121,621	132,947	134,293
Other current assets <sup>2</sup> .....							8,512
Mortgage and real estate loans <sup>3</sup> .....					93,552	105,900	117,855
Other investments.....	80,429	96,780	179,558	198,829	142,804	154,519	166,585
Capital assets <sup>4</sup> .....	100,214	144,690	206,388	225,862	244,463	259,613	275,772
Other assets.....	6,514	12,944	20,703	23,273	25,052	28,065	25,496
LIABILITIES							
Notes and accounts payable <sup>5</sup> .....	22,683	47,143	76,048	85,116	90,735	95,490	105,926
Bonded debt and mortgages <sup>6</sup> .....	49,199	65,719	98,369	108,928	122,515	132,082	142,913
Other current liabilities <sup>7</sup> .....							33,204
Other liabilities.....	110,210	261,899	408,726	427,240	438,799	466,752	465,621
Capital stock:							
Preferred.....	17,133	14,906	15,796	15,627	16,419	16,302	16,522
Common <sup>8</sup> .....	72,292	79,310	96,832	103,977	107,941	112,104	118,573
Surplus and undivided profits <sup>9</sup> .....	61,633	137,361	192,820	208,064	219,990	240,751	253,908
Surplus deficit.....	12,076	7,968					
Net surplus.....	48,957	129,393	192,820	208,064	219,990	240,751	253,908

<sup>1</sup> Less reserve for bad debts. Includes loans and discounts of banks.

<sup>2</sup> Before 1959, included partly in "Other investments" and partly in "Other assets."

<sup>3</sup> Before 1957, included partly in "Notes and accounts receivable" and partly in "Other assets."

<sup>4</sup> Less depreciation and depletion reserves. Includes land.

<sup>5</sup> Includes bonds, notes, and mortgages payable with maturity of less than 1 year.

<sup>6</sup> Represents "Bonded debt and mortgages" with maturity of 1 year or more.

<sup>7</sup> Before 1959, included partly in "Other liabilities."

<sup>8</sup> Includes stock not designated as to type.

<sup>9</sup> Sum of positive amounts, 1940 and 1950; less negative amounts, 1955-1959.

Source: Treasury Department, Internal Revenue Service; *Statistics of Income*

**No. 654. CURRENT ASSETS AND LIABILITIES OF U.S. CORPORATIONS: 1945 TO 1961**

In billions of dollars. As of December 31. Includes Alaska and Hawaii. Covers all U.S. corporations excluding banks, savings and loan associations, and insurance companies. 1945-1958 based on Bureau of Internal Revenue, *Statistics of Income*, covering virtually all corporations in U.S.; 1960-1961 estimated (subject to revision), based on data compiled from many different sources, including data on corporations registered with SEC.

ASSETS AND LIABILITIES	1945	1950	1955	1956	1957	1958	1959	1960	1961
<b>Current assets</b> .....	97.4	161.5	224.0	237.9	244.7	255.3	277.3	286.0	302.0
Cash on hand and in banks.....	21.7	28.1	34.6	34.8	34.9	37.4	36.3	36.1	39.0
U. S. Government securities.....	21.1	19.7	23.5	19.1	18.6	18.8	22.8	19.9	19.4
Receivables from U.S. Government <sup>1</sup> .....	2.7	1.1	2.3	2.6	2.8	2.8	2.9	3.1	3.4
Other notes and accounts receivable.....	23.2	55.7	86.6	95.1	99.4	106.9	117.7	125.1	133.5
Inventories.....	26.3	55.1	72.8	80.4	82.2	81.9	88.4	91.6	95.2
Other current assets <sup>2</sup> .....	2.4	1.7	4.2	5.9	6.7	7.5	9.1	10.2	11.5
<b>Current liabilities</b> .....	45.8	79.8	121.0	130.5	133.1	136.6	153.1	157.0	165.6
Advances and prepayments, U. S. Govt. <sup>1</sup> .....	.9	.4	2.3	2.4	2.3	1.7	1.7	1.8	1.8
Other notes and accounts payable.....	24.8	47.9	73.8	81.5	84.3	88.7	99.3	103.1	109.5
Federal income tax liabilities.....	10.4	16.7	19.3	17.6	15.4	12.9	15.0	13.5	14.1
Other current liabilities.....	9.7	14.9	25.7	29.0	31.1	33.3	37.0	38.6	40.3
<b>Net working capital</b> .....	51.6	81.6	103.0	107.4	111.6	118.7	124.2	129.0	136.4

<sup>1</sup> Receivables from and payables to U.S. Government exclude amounts offsetting each other on corporation's books or amounts arising from subcontracting not directly due from or to U.S. Government. Wherever possible, adjustments have been made to include U.S. Government advances offsetting inventories on corporation's books.

<sup>2</sup> Includes marketable securities other than U.S. Government.

Source: Securities and Exchange Commission; Statistical Series, *Net Working Capital of U.S. Corporations*. Data are published quarterly.

**No. 655. RECEIPTS, DEDUCTIONS, PROFITS, AND TAX OF ACTIVE CORPORATIONS: 1940 TO 1959**

[Amounts in millions of dollars. Includes Alaska and Hawaii. See headnote and footnotes, table 518. See also *Historical Statistics, Colonial Times to 1967*, series V 113, and, for related but not comparable data, series V 86-97]

ITEM	1940	1950	1955	1956	1957	1958	1959
<b>Number of active corporation returns</b> .....	473,042	629,314	807,303	885,747	940,147	990,381	1,074,120
With assets at end of year.....	413,716	569,961	746,962	827,916	879,106	927,635	1,017,767
Under \$50,000.....	225,000	236,854	299,654	332,685	387,046	370,787	412,100
\$50,000 to \$99,999.....	61,053	101,645	131,610	150,165	158,511	166,581	177,542
\$100,000 to \$249,999.....	59,059	111,603	150,350	171,122	179,341	195,025	212,573
\$250,000 to \$499,999.....	27,832	49,735	70,483	76,029	82,274	88,311	99,553
\$500,000 to \$999,999.....	17,505	29,093	39,301	41,336	43,634	46,346	52,048
\$1,000,000 to \$4,999,999.....	17,627	30,643	40,853	39,861	41,780	43,321	46,104
\$5,000,000 to \$9,999,999.....	2,603	4,987	6,794	7,295	7,667	7,870	8,022
\$10,000,000 to \$49,999,999.....	2,266	4,217	6,246	6,547	6,709	7,220	7,476
\$50,000,000 and over.....	771	1,284	1,861	1,976	2,084	2,204	2,319
With no assets at end of year.....	59,326	59,353	60,341	57,831	61,041	62,746	66,353
<b>Compiled receipts</b> .....	148,237	458,130	642,248	679,868	720,414	735,338	816,800
Gross sales.....	114,642	374,406	514,864	540,040	567,691	596,594	772,915
Gross receipts from other operations.....	24,483	65,475	97,819	106,633	117,193		
Other taxable receipts.....	8,329	17,854	20,015	32,593	34,863	37,983	42,945
Wholly and partially tax-exempt interest on Government obligations <sup>1</sup> .....	783	304	550	603	677	761	940
<b>Compiled deductions</b> .....	138,889	415,299	594,299	632,456	675,340	696,114	769,145
Cost of goods sold.....	86,789	284,699	390,923	409,013	429,838		
Cost of operations.....	12,287	39,558	58,242	64,263	70,136	505,252	557,032
Interest paid.....	2,701	3,212	7,058	8,281	10,004	11,070	12,568
Taxes paid <sup>2</sup> .....	4,317	9,013	14,203	15,039	16,393	16,692	19,189
Depreciation, amortization, depletion.....	4,003	9,611	18,815	20,663	22,779	23,825	25,299
Other deductions.....	28,882	72,206	105,658	115,102	120,192	130,276	155,037
Compiled net profit or loss.....	9,348	42,831	47,949	47,413	45,073	39,224	47,655
Net income or deficit.....	8,919	42,613	47,478	46,885	44,476	38,523	46,797
Statutory prior year loss deduction.....	123	345	336	918	963	1,074	1,436
Total income and profit taxes.....	2,540	17,317	21,741	21,804	20,582	18,814	22,525
Compiled net profit less total tax.....	6,800	25,514	26,208	26,048	24,491	20,410	25,180
<b>Distributions to stockholders:</b>							
Cash.....	6,089	11,553	13,562	14,498	14,914	14,952	16,180
Stock.....	140	1,292	1,996	2,725	1,778	1,604	2,174

<sup>1</sup> Interest on Treasury notes issued on or after Dec. 1, 1940, and obligations issued on or after Mar. 1, 1941, by the United States or any agency or instrumentality thereof, is wholly taxable and is included in "Other taxable receipts" for 1941-1959.

<sup>2</sup> Excludes (a) Federal income and profits taxes; (b) estate, inheritance, legacy, succession, and gift taxes; (c) income and profits taxes paid to a foreign country or possession of the United States if any portion was claimed as a tax credit; (d) taxes assessed against certain local benefits; (e) Federal taxes on tax-free covenant bonds; and (f) unidentifiable amounts of taxes reported in "Cost of sales and operations," 1955-1959. For prior years, excludes all taxes reported in these costs.

<sup>3</sup> Excludes \$61,000,000 nondividend distributions of small business corporations taxed through shareholders.

Source: Treasury Department, Internal Revenue Service; *Statistics of Income*.

# No. 656. ACTIVE CORPORATION INCOME TAX RETURNS, BY ASSET SIZE-CLASS, BY INDUSTRIAL DIVISION: 1959

[Money figures in millions of dollars. Includes Alaska and Hawaii. See headnotes and footnotes, tables 518 and 520. See also *Historical Statistics, Colonial Times to 1967*, series V 113-127, for asset size-class, and series V 98-112, for industrial divisions]

ITEM	Total	ASSET SIZE-CLASS							
		Under \$100 thousand	\$100 to \$249 thousand	\$250 to \$499 thousand	\$500 to \$999 thousand	\$1 to \$5 million	\$5 to \$10 million	\$10 to \$50 million	\$50 million and over
<b>All industrial divisions:</b>									
Number of returns.....	1,017,767	689,642	212,573	99,583	52,048	46,104	8,022	7,476	2,319
Total assets or liabilities.....	1,136,068	21,244	33,842	34,789	36,188	97,228	55,994	154,186	703,347
Total compiled receipts.....	806,955	48,710	64,464	63,631	61,857	114,483	40,877	89,434	323,494
Net income or deficit.....	46,570	442	1,444	1,545	1,612	4,478	2,222	6,016	28,811
Income tax.....	22,342	328	575	662	783	2,253	1,085	2,903	13,764
<b>Agriculture, forestry, and fisheries:</b>									
Number of returns.....	14,502	8,052	3,705	1,487	797	413	32	15	1
Total assets or liabilities.....	3,537	322	597	515	547	790	223	268	354
Total compiled receipts.....	3,753	557	634	496	543	743	170	153	458
Net income or deficit.....	109	113	11	19	7	30	12	24	19
Income tax.....	61	8	8	8	6	15	4	9	9
<b>Mining:</b>									
Number of returns.....	11,968	5,765	2,458	1,036	825	910	173	141	48
Total assets or liabilities.....	16,039	197	402	586	587	1,892	1,208	3,115	8,053
Total compiled receipts.....	10,239	266	417	578	477	1,405	767	1,960	4,368
Net income or deficit.....	646	120	115	(2)	111	25	21	133	513
Income tax.....	469	2	5	8	7	32	20	73	320
<b>Construction:</b>									
Number of returns.....	63,212	40,253	12,141	5,820	2,834	1,912	159	85	8
Total assets or liabilities.....	14,222	1,330	1,928	2,033	1,977	3,613	1,099	1,549	689
Total compiled receipts.....	31,923	4,888	5,352	5,251	4,678	6,971	1,869	2,280	624
Net income or deficit.....	581	17	65	87	57	181	49	86	41
Income tax.....	330	20	35	42	43	100	27	47	18
<b>Manufacturing:</b>									
Number of returns.....	151,689	72,113	32,554	19,302	12,286	11,625	1,660	1,570	579
Total assets or liabilities.....	262,134	2,787	5,250	6,770	8,538	24,022	11,580	32,588	100,599
Total compiled receipts.....	360,721	7,811	13,128	16,419	19,080	47,683	18,777	45,942	191,280
Net income or deficit.....	24,928	117	256	425	627	2,227	1,206	3,727	16,477
Income tax.....	12,367	42	118	199	312	1,164	621	1,897	8,013
<b>Transportation, communication, electric, gas, and sanitary services:</b>									
Number of returns.....	40,065	25,194	7,196	3,223	1,757	1,794	312	315	274
Total assets or liabilities.....	137,319	807	1,141	1,143	1,266	3,740	2,201	6,974	120,047
Total compiled receipts.....	61,839	1,745	1,676	1,604	1,769	4,365	2,153	3,804	44,724
Net income or deficit.....	6,765	26	56	56	73	253	146	312	5,844
Income tax.....	3,510	15	24	25	34	129	74	174	3,036
<b>Wholesale and retail trade:</b>									
Number of returns.....	323,103	195,232	73,155	30,832	14,367	8,236	742	507	92
Total assets or liabilities.....	87,557	7,430	11,567	10,718	9,037	15,460	5,054	9,625	17,765
Total compiled receipts.....	261,383	20,356	37,602	34,788	30,552	44,653	13,501	24,991	39,040
Net income or deficit.....	5,490	131	585	546	518	979	367	670	1,694
Income tax.....	2,591	106	209	213	237	471	181	334	840
<b>Finance, insurance, and real estate:<sup>1</sup></b>									
Number of returns.....	297,922	155,237	65,376	30,943	16,154	19,367	4,764	4,725	1,296
Total assets or liabilities.....	606,824	6,005	10,450	10,788	11,224	44,054	33,392	97,703	393,210
Total compiled receipts.....	65,180	2,180	2,404	2,058	1,953	4,747	2,578	7,982	41,272
Net income or deficit.....	7,091	244	369	312	253	615	352	882	4,064
Income tax.....	2,523	91	126	122	98	245	123	275	1,447
<b>Services:</b>									
Number of returns.....	102,668	76,299	15,245	6,115	2,912	1,785	174	117	21
Total assets or liabilities.....	13,555	2,176	2,395	2,116	1,989	3,555	1,196	2,298	2,690
Total compiled receipts.....	21,713	4,778	3,222	2,420	2,198	3,998	1,062	2,310	1,728
Net income or deficit.....	957	78	118	97	86	168	69	182	158
Income tax.....	431	47	49	44	46	95	34	95	71
<b>Nature of business not allocable:</b>									
Number of returns.....	12,590	11,437	743	225	116	62	6	1	-----
Total assets or liabilities.....	631	191	112	71	73	127	41	17	-----
Total compiled receipts.....	203	132	29	17	6	18	(2)	1	-----
Net income or deficit.....	2	13	11	2	2	1	(2)	(2)	-----
Income tax.....	5	2	1	1	1	1	-----	-----	-----

<sup>1</sup> Deficit.

<sup>2</sup> Less than \$500,000.

<sup>3</sup> Includes lessors of real property.

Source: Treasury Department, Internal Revenue Service; *Statistics of Income*.



## No. 657. CORPORATE PROFITS, BY INDUSTRY: 1950 TO 1960

[In millions of dollars. Beginning 1960, includes Alaska and Hawaii. Data are for corporations organized for profit. Represent profits accruing to U.S. residents, measured before and after Federal and State profit taxes, 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. In other major respects, the definition of profits is in accordance with Federal income tax regulations. The inclusion of depletion charges has an important effect on data for mining industries]

INDUSTRY	BEFORE TAXES				AFTER TAXES			
	1950	1955	1959	1960	1950	1955	1959	1960
All industries.....	40,628	44,862	46,827	45,026	22,763	23,035	23,723	22,684
Agriculture, forestry, and fisheries.....	182	43	60	40	84	-17	-8	-18
Mining.....	1,868	1,321	974	995	972	890	759	796
Contract construction.....	538	419	636	683	282	158	250	279
Manufacturing.....	23,579	26,310	25,112	23,117	12,666	13,201	12,793	11,707
Wholesale and retail trade.....	6,255	4,925	5,568	4,752	3,546	2,384	2,595	2,203
Finance, insurance, and real estate.....	3,043	4,150	5,611	6,170	1,629	2,015	2,363	2,400
Transportation.....	1,981	1,468	986	694	1,081	626	805	147
Communications and public utilities.....	2,202	4,096	5,437	6,025	1,263	1,999	2,657	3,079
Services.....	480	572	652	688	240	212	212	229
Rest of the world.....	1,000	1,568	1,791	1,862	1,000	1,558	1,791	1,862

## No. 658. CORPORATE PROFITS, TAXES, AND DIVIDENDS: 1940 TO 1960

[In millions of dollars. Beginning 1960, includes Alaska and Hawaii. See headnote, table 657. Taxes refer to Federal and State corporate income and excess profits taxes. Carryback tax refunds deducted from tax liability for year in which liability incurred. Cash dividends represent amount disbursed to U.S. residents, and therefore are measured after elimination of intercorporate dividends. Undistributed profits represent difference between corporate profits after taxes and net dividend payments]

YEAR	Profits before taxes	Income tax liability	Profits after taxes	Cash dividends	Undistributed profits
1940.....	9,320	2,834	6,486	4,043	2,443
1945.....	18,977	10,689	8,288	4,691	3,597
1950.....	40,628	17,865	22,763	9,208	13,555
1955.....	44,862	21,827	23,035	11,215	11,820
1956.....	44,683	21,227	23,456	12,132	11,324
1957.....	43,208	20,622	22,586	12,588	9,998
1958.....	37,410	18,646	18,764	12,358	6,406
1959.....	46,827	23,104	23,723	13,408	10,315
1960.....	45,026	22,342	22,684	14,116	8,569

Source of tables 657 and 658: Department of Commerce, Office of Business Economics; *Survey of Current Business*, July 1961, and its supplement, *U.S. Income and Output*.

## No. 659. PROFITS AND DIVIDENDS OF PUBLIC UTILITY CORPORATIONS: 1940 TO 1961

[In millions of dollars]

PUBLIC UTILITY	1940	1945	1950	1955	1958	1959	1960	1961 (prel.)
Railroad: <sup>1</sup>								
Operating revenue.....	4,297	8,902	9,473	10,106	9,565	9,825	9,514	9,187
Profits before taxes <sup>2</sup> .....	249	756	1,385	1,341	843	845	649	627
Profits after taxes.....	189	450	784	927	602	578	445	332
Dividends.....	159	246	312	448	419	406	383	350
Electric power: <sup>3</sup>								
Operating revenue.....	2,797	3,682	5,528	8,360	10,195	11,129	11,861	12,595
Profits before taxes <sup>2</sup> .....	692	905	1,313	2,304	2,704	2,983	3,189	3,316
Profits after taxes.....	648	834	822	1,244	1,519	1,655	1,795	1,894
Dividends.....	447	407	610	942	1,134	1,219	1,302	1,375
Telephone: <sup>4</sup>								
Operating revenue.....	1,206	1,979	3,342	5,425	6,939	7,572	8,111	8,615
Profits before taxes <sup>2</sup> .....	257	433	580	1,282	1,860	2,153	2,326	2,478
Profits after taxes.....	193	174	331	638	921	1,073	1,155	1,233
Dividends.....	167	162	276	496	674	743	806	867

<sup>1</sup> Class I line-haul railroads, covering about 95 percent of all railroad operations.

<sup>2</sup> After all charges and before Federal income taxes and dividends.

<sup>3</sup> Class A and B electric utilities, covering about 95 percent of all electric power operations.

<sup>4</sup> Revenues and profits for telephone operations of Bell System Consolidated (including the 20 operating subsidiaries and Long Lines and General departments of American Telephone and Telegraph Company) and of 2 affiliated telephone companies, which together represent about 85 percent of all telephone operations. Dividends for the 20 operating subsidiaries and 2 affiliates.

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*.

# No. 660. SALES, PROFITS, AND DIVIDENDS OF LARGE MANUFACTURING CORPORATIONS: 1946 TO 1961

[In millions of dollars. Includes data for 180 corporations each with sales of \$150,000,000 or more in 1957. Profits before and after taxes are as published by the 180 companies except for certain adjustments, chiefly to exclude special charges and credits and intercorporate dividends where large. Figures include little or no representation of some important nondurable goods groups such as meatpacking and rubber]

INDUSTRY	1946	1948	1950	1955	1958	1959	1960	1961 (prel.)
<b>Total (180 corporations):</b>								
Sales.....	32,846	55,882	66,720	104,402	105,134	118,423	120,742	122,634
Profits before taxes <sup>1</sup> .....	3,253	7,889	11,610	14,803	10,460	14,090	13,353	13,271
Profits after taxes.....	1,929	4,850	5,999	7,564	5,714	7,440	7,077	7,178
Dividends.....	1,300	1,780	3,061	3,847	4,078	4,342	4,492	4,710
<b>Nondurable goods industries (79 corporations):<sup>2</sup></b>								
Sales.....	15,552	23,371	25,598	36,858	41,541	45,442	46,813	49,227
Profits before taxes <sup>1</sup> .....	2,259	3,595	4,354	5,013	4,402	5,648	5,526	5,649
Profits after taxes.....	1,388	2,304	2,392	2,814	2,574	3,210	3,161	3,043
Dividends.....	634	851	1,275	1,688	1,785	1,912	1,978	2,030
<b>Durable goods industries (101 corporations):<sup>3</sup></b>								
Sales.....	17,294	32,511	41,151	67,544	63,593	72,981	73,923	73,406
Profits before taxes <sup>1</sup> .....	993	4,204	7,256	9,790	6,005	8,442	7,837	7,032
Profits after taxes.....	540	2,546	3,607	4,750	3,140	4,231	3,915	3,935
Dividends.....	665	929	1,787	2,259	2,294	2,430	2,515	2,674
<b>Selected nondurable goods industries:</b>								
<b>Food and kindred products (25 corporations):</b>								
Sales.....	5,189	6,657	6,643	8,632	10,707	11,303	11,814	12,578
Profits before taxes <sup>1</sup> .....	663	696	833	868	1,152	1,274	1,323	1,421
Profits after taxes.....	387	425	448	414	555	604	629	672
Dividends.....	179	224	245	260	312	344	376	392
<b>Chemicals and allied products (21 corporations):</b>								
Sales.....	3,520	5,443	6,324	9,584	10,390	11,979	12,319	12,738
Profits before taxes <sup>1</sup> .....	687	1,008	1,608	1,866	1,538	2,187	1,999	2,006
Profits after taxes.....	374	562	757	955	829	1,131	1,062	1,050
Dividends.....	219	218	533	690	717	793	794	843
<b>Petroleum refining (16 corporations):</b>								
Sales.....	3,887	7,212	7,872	11,515	12,838	13,372	13,728	14,409
Profits before taxes <sup>1</sup> .....	480	1,297	1,157	1,344	919	1,187	1,261	1,255
Profits after taxes.....	378	967	800	979	791	909	986	1,011
Dividends.....	145	282	353	438	516	518	521	628
<b>Selected durable goods industries:</b>								
<b>Primary metals and products (35 corporations):</b>								
Sales.....	7,098	12,015	14,044	20,744	19,226	21,035	20,898	20,155
Profits before taxes <sup>1</sup> .....	627	1,707	2,321	3,207	2,182	2,331	2,263	2,004
Profits after taxes.....	380	1,051	1,195	1,652	1,154	1,222	1,178	1,085
Dividends.....	278	401	529	730	802	831	840	844
<b>Machinery (25 corporations):</b>								
Sales.....	3,173	6,717	8,036	12,480	14,685	17,095	16,503	17,531
Profits before taxes <sup>1</sup> .....	90	784	1,296	1,253	1,463	1,800	1,482	1,078
Profits after taxes.....	30	453	651	637	734	934	793	841
Dividends.....	138	179	291	368	422	448	482	497
<b>Automobiles and equipment (14 corporations):</b>								
Sales.....	4,606	10,328	14,772	24,624	18,460	22,731	24,175	22,781
Profits before taxes <sup>1</sup> .....	65	1,305	2,840	4,011	1,332	2,985	3,100	2,788
Profits after taxes.....	22	738	1,347	1,841	706	1,470	1,523	1,408
Dividends.....	139	208	771	872	758	807	833	997

<sup>1</sup> After all charges and before Federal income taxes and dividends.

<sup>2</sup> Includes 17 companies in groups not shown separately.

<sup>3</sup> Includes 27 companies in groups not shown separately.

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*.

# No. 661. PROFITS AFTER TAXES OF ALL MANUFACTURING CORPORATIONS, BY INDUSTRY GROUP: 1960 AND 1961

[Includes Alaska and Hawaii. Based on sample; see source for discussion of methodology]

INDUSTRY GROUP	1960				1961			
	First quarter	Second quarter	Third quarter	Fourth quarter	First quarter	Second quarter	Third quarter	Fourth quarter
<b>PROFITS PER DOLLAR OF SALES (in cents)</b>								
<b>Total</b> .....	4.7	4.6	4.3	4.0	3.5	4.4	4.3	4.8
<b>Durable goods</b> .....	4.6	4.6	3.6	3.4	2.7	4.2	3.8	4.7
Transportation equipment.....	5.2	4.9	2.6	4.0	3.1	4.4	2.9	5.4
Electrical machinery, equipment, and supplies.....	3.9	3.6	3.5	3.2	2.9	3.2	3.3	4.3
Other machinery.....	4.1	4.5	3.6	3.0	3.2	4.6	4.2	4.4
Other fabricated metal products.....	2.4	2.9	3.0	1.3	1.2	3.0	3.1	2.4
Primary metal industries.....	6.7	5.6	3.9	4.1	3.5	5.3	4.7	5.7
Stone, clay, and glass products.....	5.0	8.2	7.4	5.4	2.4	6.8	7.0	6.2
Furniture and fixtures.....	1.9	1.9	2.6	2.1	— .4	1.3	2.1	2.9
Lumber and wood products, except furniture.....	1.7	2.7	2.1	.1	— .3	2.9	3.0	1.7
Instruments and related products.....	6.0	6.2	6.2	5.3	4.0	5.3	6.0	6.2
Miscellaneous manufacturing and ord- nance.....	2.4	3.1	4.1	4.1	2.5	2.8	4.2	4.7
<b>Nondurable goods</b> .....	4.7	4.7	4.9	4.7	4.2	4.6	4.8	5.0
Food and kindred products.....	2.1	2.4	2.6	2.2	1.9	2.4	2.6	2.3
Tobacco manufactures.....	5.2	5.4	5.5	5.8	5.3	5.7	5.9	5.9
Textile mill products.....	2.8	2.5	2.5	2.1	1.2	1.8	2.5	2.7
Apparel and other finished products.....	1.0	1.3	2.0	1.1	1.4	.5	1.8	2.1
Paper and allied products.....	4.9	5.4	4.8	4.8	4.1	4.8	4.3	5.2
Printing and publishing, except news- papers.....	4.0	3.6	3.9	2.9	2.6	2.3	3.7	2.7
Chemicals and allied products.....	7.6	7.8	7.4	6.9	6.5	7.8	7.4	7.6
Petroleum refining and related indus- tries.....	9.2	8.7	10.0	10.8	10.1	9.7	9.7	11.0
Rubber and miscellaneous plastics prod- ucts.....	3.8	3.9	3.3	3.2	2.9	4.2	3.8	4.2
Leather and leather products.....	2.7	1.6	.9	1.4	.9	.7	1.2	1.6
<b>ANNUAL RATES ON STOCKHOLDERS' EQUITY (percent)</b>								
<b>Total</b> .....	9.8	9.9	8.7	8.4	6.8	9.2	8.8	10.5
<b>Durable goods</b> .....	10.0	10.1	7.1	7.0	5.2	8.9	7.8	10.4
Transportation equipment.....	15.7	14.2	5.9	10.9	7.6	12.1	6.7	15.8
Electrical machinery, equipment, and supplies.....	10.4	10.0	9.1	8.6	7.3	8.2	8.1	12.0
Other machinery.....	8.1	9.7	6.9	5.6	5.7	9.1	7.8	8.5
Other fabricated metal products.....	5.3	6.9	7.2	3.0	2.5	7.3	7.7	6.2
Primary metal industries.....	10.7	8.1	5.0	4.9	4.2	7.3	6.3	8.0
Stone, clay, and glass products.....	6.7	13.1	11.9	7.8	2.9	10.9	11.7	9.7
Furniture and fixtures.....	5.5	5.8	8.2	6.5	— 1.1	4.0	7.0	9.6
Lumber and wood products, except fur- niture.....	3.3	6.2	4.6	.3	— .6	6.2	6.8	3.7
Instruments and related products.....	11.6	12.1	11.9	10.8	7.1	9.9	11.6	13.5
Miscellaneous manufacturing and ord- nance.....	5.7	7.9	11.5	11.6	5.9	7.2	12.6	13.7
<b>Nondurable goods</b> .....	9.6	9.8	10.2	9.8	8.5	9.6	9.0	10.6
Food and kindred products.....	7.6	8.8	9.8	8.7	7.2	9.2	10.0	9.1
Tobacco manufactures.....	12.0	13.6	13.7	14.2	12.0	14.1	14.8	14.2
Textile mill products.....	6.6	6.1	5.7	5.0	2.6	4.3	6.0	7.1
Apparel and other finished products.....	5.2	6.9	11.9	6.8	2.1	2.6	11.2	12.3
Paper and allied products.....	8.5	9.3	8.2	8.1	6.6	8.3	7.3	9.1
Printing and publishing, except news- papers.....	11.3	10.2	11.8	9.0	7.5	6.8	11.2	8.4
Chemicals and allied products.....	12.5	13.6	12.1	10.6	9.8	13.2	11.8	12.2
Petroleum refining and related indus- tries.....	9.7	8.8	10.5	11.5	10.5	9.6	9.7	11.3
Rubber and miscellaneous plastics prod- ucts.....	9.8	10.5	8.2	7.9	6.7	10.6	9.2	10.7
Leather and leather products.....	10.4	6.2	3.6	5.0	3.3	2.6	4.7	6.9

Sources: Federal Trade Commission and Securities Exchange Commission; *Quarterly Financial Report for Manufacturing Corporations*.

# No. 662. PROFITS OF ALL MANUFACTURING CORPORATIONS, BY ASSET SIZE-CLASS: 1960 AND 1961

[Includes Alaska and Hawaii. Based on sample; see source for discussion of methodology. Excludes newspapers]

ITEM	All asset sizes	ASSET SIZE-CLASS					
		Under \$1,000,000	\$1,000,000 to \$4,999,999	\$5,000,000 to \$9,999,999	\$10,000,000 to \$49,999,999	\$50,000,000 to \$99,999,999	\$100,000,000 and over
PROFITS PER DOLLAR OF SALES (in cents)							
Before Federal income taxes:							
1960: First quarter.....	8.7	2.6	4.7	6.0	7.6	8.8	11.4
Second quarter.....	8.4	3.2	5.0	7.0	7.9	8.6	10.7
Third quarter.....	7.6	3.5	4.6	6.4	7.4	8.2	9.4
Fourth quarter.....	7.1	1.1	2.7	4.5	6.6	7.4	10.0
1961: First quarter.....	6.5	1.4	2.5	4.4	5.3	6.8	9.0
Second quarter.....	8.0	2.9	4.5	5.7	7.4	8.0	10.4
Third quarter.....	7.7	3.4	5.0	6.8	7.5	8.1	9.5
Fourth quarter.....	8.5	2.6	4.6	6.5	7.6	8.4	11.3
After Federal income taxes:							
1960: First quarter.....	4.7	1.1	2.1	2.7	3.7	4.4	6.4
Second quarter.....	4.6	1.6	2.3	3.4	3.9	4.4	6.2
Third quarter.....	4.3	1.9	2.1	3.1	3.7	4.2	5.6
Fourth quarter.....	4.0	.1	.9	2.1	3.3	3.8	6.1
1961: First quarter.....	3.5	.2	.6	1.8	2.4	3.4	5.4
Second quarter.....	4.4	1.5	2.1	2.7	3.8	4.0	6.0
Third quarter.....	4.3	1.8	2.4	3.4	3.7	4.1	5.7
Fourth quarter.....	4.8	1.3	2.2	3.2	3.8	4.4	6.8
ANNUAL RATE ON STOCK- HOLDERS' EQUITY (percent)							
Before Federal income taxes:							
1960: First quarter.....	18.4	11.7	14.1	14.3	16.3	18.1	20.1
Second quarter.....	18.0	15.2	15.6	17.9	17.6	18.4	18.6
Third quarter.....	15.4	16.7	14.1	15.6	16.1	16.7	15.2
Fourth quarter.....	14.8	5.0	8.2	11.0	13.9	15.3	16.8
1961: First quarter.....	12.6	6.3	7.5	9.8	10.5	13.6	14.1
Second quarter.....	16.8	13.7	15.0	14.2	15.9	16.9	17.5
Third quarter.....	15.8	15.8	16.7	17.2	16.0	16.8	15.4
Fourth quarter.....	18.5	12.5	15.8	16.5	16.7	18.2	19.8
After Federal income taxes:							
1960: First quarter.....	9.8	5.0	6.3	6.4	7.9	9.2	11.3
Second quarter.....	9.0	8.0	7.1	8.6	8.8	9.3	10.8
Third quarter.....	8.7	9.0	6.5	7.5	7.9	8.5	9.1
Fourth quarter.....	8.4	.5	2.8	5.2	7.1	7.8	10.3
1961: First quarter.....	6.8	.9	1.8	3.9	4.7	6.9	8.5
Second quarter.....	9.2	6.8	7.0	6.7	8.1	8.6	10.1
Third quarter.....	8.8	8.4	8.0	8.5	7.9	8.4	9.2
Fourth quarter.....	10.5	6.3	7.4	8.3	8.5	9.4	11.8

Source: Federal Trade Commission and Securities Exchange Commission; *Quarterly Financial Report for Manufacturing Corporations*.

# No. 663. CORPORATE DISTRIBUTIONS TO STOCKHOLDERS, BY INDUSTRIAL DIVISIONS: 1945 to 1959

[In millions of dollars. Includes Alaska and Hawaii. See headnotes, tables 518 and 520]

INDUSTRIAL DIVISION	1945		1950		1955		1959	
	Cash	Stock	Cash	Stock	Cash	Stock	Cash	Stock
All industrial divisions.....	6,080.8	334.4	11,553.0	1,292.5	13,592.4	1,996.5	16,180.2	2,173.5
Agriculture, forestry, and fisheries.....	27.6	1.0	108.5	4.8	45.7	4.4	31.8	4.8
Mining.....	159.8	1.9	552.8	10.5	784.6	55.7	718.8	55.5
Construction.....	28.5	3.2	82.7	27.9	85.7	30.1	91.1	39.1
Manufacturing.....	2,824.7	140.2	6,061.9	799.7	6,825.0	1,198.1	7,666.5	1,230.7
Transportation, communication, elec- tric, gas, and sanitary services.....	1,243.0	6.7	1,649.0	94.1	2,384.2	87.5	3,039.9	178.6
Wholesale and retail trade.....	557.4	60.7	1,144.8	225.2	1,012.6	270.4	1,130.8	276.1
Finance, insurance, and real estate.....	1,101.1	108.7	1,778.2	115.3	2,275.8	327.3	3,283.3	334.3
Services.....	132.3	7.9	172.2	14.8	178.9	23.0	215.5	53.7
Nature of business not allocable.....	5.5	.2	4.9	.2	2.0	-----	2.6	.8

<sup>1</sup> Excludes \$91.3 million nondividend distributions of small business corporations taxed through shareholders.

Source: Treasury Department, Internal Revenue Service; *Statistics of Income*.

**No. 664. BUSINESS EXPENDITURES FOR NEW PLANT AND EQUIPMENT: 1945 TO 1962**

(In billions of dollars. Excludes Alaska and Hawaii. Excludes expenditures of agricultural business and outlays charged to current account)

INDUSTRY GROUP	1945	1950	1955	1957	1958	1959	1960	1961	1962 <sup>1</sup>
<b>Total</b> .....	8.69	20.60	28.70	36.96	30.53	32.54	35.68	34.37	37.16
<b>Manufacturing</b> .....	3.98	7.40	11.44	15.96	11.43	12.07	14.48	13.68	14.90
Durable goods industries.....	1.59	3.14	5.44	8.02	5.47	5.77	7.18	6.27	7.29
Primary iron and steel.....	.20	.60	.86	1.72	1.19	1.04	1.60	1.13	1.48
Primary nonferrous metals.....	.05	.13	.21	.81	.44	.31	.31	.26	.31
Electrical machinery and equipment.....	.12	.24	.44	.60	.46	.52	.68	.69	.67
Machinery except electrical.....	.32	.41	.81	1.28	.92	.91	1.10	1.10	1.24
Motor vehicles and equipment.....	.26	.51	1.13	1.06	.56	.64	.89	.75	.90
Transportation equipment, excluding motor vehicles.....	.06	.08	.27	.54	.37	.39	.42	.38	.46
Stone, clay and glass products.....	.10	.28	.50	.57	.40	.53	.62	.51	.59
Other durable goods <sup>2</sup> .....	.48	.87	1.21	1.44	1.14	1.44	1.56	1.45	1.65
<b>Nondurable goods industries</b> .....	2.39	4.36	6.00	7.94	5.96	6.29	7.30	7.40	7.82
Food and beverages.....	.43	.76	.72	.85	.74	.83	.92	.98	1.00
Textile-mill products.....	.21	.45	.37	.41	.29	.41	.53	.50	.50
Paper and allied products.....	.12	.33	.52	.81	.68	.63	.75	.68	.68
Chemicals and allied products.....	.38	.77	1.02	1.72	1.32	1.23	1.60	1.62	1.71
Petroleum and coal products.....	.88	1.59	2.80	3.45	2.43	2.49	2.64	2.76	2.82
Rubber products.....	.12	.10	.15	.20	.13	.19	.23	.22	.28
Other nondurable goods <sup>3</sup> .....	.26	.36	.44	.49	.47	.51	.64	.65	.65
<b>Mining</b> .....	.38	.71	.96	1.24	.94	.99	.99	.98	1.01
<b>Railroad</b> .....	.55	1.11	.92	1.40	.75	.92	1.03	.67	.80
<b>Transportation, other than rail</b> .....	.57	1.21	1.60	1.77	1.50	2.02	1.94	1.85	1.84
<b>Public utilities</b> .....	.50	3.31	4.31	6.20	6.09	5.67	5.68	5.52	5.60
<b>Communication</b> .....	.32	1.10	1.98	3.03	2.02	2.67	3.13	3.22	13.00
<b>Commercial and other<sup>4</sup></b> .....	2.38	5.67	7.49	7.37	7.20	8.21	8.44	8.46	

<sup>1</sup> Estimates based on anticipated capital expenditures as reported by business in late January and February, 1962.<sup>2</sup> Comprises fabricated metal products, lumber products, furniture and fixtures, instruments, ordnance, and miscellaneous manufactures.<sup>3</sup> Comprises apparel and related products, tobacco, leather and leather products, and printing and publishing.<sup>4</sup> Comprises trade, service, finance, and construction.Source: Securities and Exchange Commission and Department of Commerce, Office of Business Economics. Data published quarterly in Statistical Series releases of the Securities and Exchange Commission and in *Survey of Current Business*.**No. 665. BUSINESS EXPENDITURES FOR NEW PLANT AND EQUIPMENT, QUARTERLY TOTALS AT ANNUAL RATES: 1960 TO 1962**

(In billions of dollars. Excludes Alaska and Hawaii. Seasonally adjusted. Excludes expenditures of agricultural business and outlays charged to current account)

INDUSTRY	1960				1961				1962		
	Jan.-Mar.	Apr.-June	July-Sept.	Oct.-Dec.	Jan.-Mar.	Apr.-June	July-Sept.	Oct.-Dec.	Jan.-Mar.	Apr.-June <sup>1</sup>	July-Sept. <sup>1</sup>
<b>Total</b> .....	35.1	36.3	35.9	35.5	33.9	33.5	34.7	35.4	35.7	36.9	37.7
<b>Manufacturing</b> .....	14.1	14.7	14.6	14.4	13.7	13.5	13.6	14.0	14.2	14.7	14.8
Durable goods.....	7.1	7.4	7.3	6.9	6.5	6.2	6.1	6.4	6.6	7.0	7.1
Nondurable goods.....	6.9	7.3	7.3	7.0	7.2	7.3	7.6	7.6	7.6	7.7	7.7
<b>Mining</b> .....	1.0	1.0	1.0	.9	1.0	1.0	1.0	1.0	1.2	1.0	1.1
<b>Railroad</b> .....	1.0	1.1	1.0	1.0	.7	.7	.7	.6	.7	.9	.8
<b>Transportation, other than rail</b> .....	2.0	2.1	1.9	1.8	1.8	1.8	1.9	1.9	2.0	2.1	1.8
<b>Public utilities</b> .....	5.7	5.7	5.6	5.7	5.3	5.5	5.7	5.5	5.2	5.3	5.7
<b>Commercial and other<sup>2</sup></b> .....	11.3	11.6	11.8	11.7	11.3	11.0	11.8	12.3	12.5	12.8	13.5

<sup>1</sup> Estimates based on anticipated capital expenditures as reported by business in May 1962.<sup>2</sup> Comprises trade, service, finance, construction, and communication.

Source: Department of Commerce, Office of Business Economics, and Securities and Exchange Commission.

# No. 666. GROSS PRIVATE DOMESTIC INVESTMENT AND ITS COMPONENTS: 1940 TO 1961

[In billions of dollars. Beginning 1960, includes Alaska and Hawaii. Consists of acquisitions of newly produced capital goods by private business and nonprofit institutions and of value of change in volume of inventories held by them; covers all private new dwellings, including those acquired by owner-occupants. Series revised beginning 1946. For details, see *U.S. Income and Output*, a supplement to the *Survey of Current Business*. See also *Historical Statistics, Colonial Times to 1957*, series F 72-80]

CLASS	1940	1950	1955	1957	1958	1959	1960	1961 (prel.)
Gross private domestic investment.....	13.2	50.0	63.8	66.1	56.6	72.4	72.4	69.6
Nonfarm producers' plant and equipment <sup>1</sup> .....	7.0	23.4	33.4	41.4	33.7	36.7	40.2	38.9
Equipment <sup>2</sup> .....	4.9	16.2	20.6	26.2	20.3	23.0	25.1	23.4
Construction <sup>3</sup> .....	2.0	7.2	12.8	15.2	13.5	13.7	15.1	15.5
Farm equipment and construction <sup>4</sup> .....	.8	4.4	4.1	3.9	4.3	4.5	4.1	4.3
Residential construction (nonfarm).....	3.0	14.1	18.7	17.0	18.0	22.3	21.1	21.2
Other private construction <sup>5</sup> .....	.2	1.3	1.8	2.2	2.5	2.6	2.9	3.1
Net change in business inventories <sup>6</sup> .....	2.2	6.8	5.8	1.6	-2.0	6.3	4.2	2.2
Nonfarm.....	1.9	6.0	5.5	.8	-2.9	6.2	4.0	1.8
Farm.....	.3	.8	.3	.8	.9	1.1	.3	.3

<sup>1</sup> Items for nonfarm producers' plant and equipment are not comparable with those shown in table 664 principally because the latter exclude equipment and construction outlays charged to current expense and also investment by nonprofit organizations and professional persons.

<sup>2</sup> Total producers' durable equipment less farm machinery and equipment, and farmers' purchases of tractors and business motor vehicles.

<sup>3</sup> Industrial buildings, public utilities, gas- and oil-well drilling, warehouses, office and loft buildings, stores, restaurants, garages, miscellaneous nonresidential construction, and all other private construction.

<sup>4</sup> Farm construction (residential and nonresidential) plus farm machinery and equipment, and farmers' purchases of tractors and business motor vehicles. (See footnote 2.)

<sup>5</sup> Includes religious, educational, social and recreational, and hospital and institutional.

<sup>6</sup> After inventory valuation adjustment.

Source: Department of Commerce, Office of Business Economics.

## No. 667. SOURCES AND USES OF CORPORATE FUNDS: 1950 TO 1961

[In billions of dollars. Excludes Alaska and Hawaii. Covers nonfinancial business corporations only, excluding banking and insurance companies which are primarily suppliers of capital funds for business or intermediaries in flow of savings from consumers to business. Based on Securities and Exchange Commission and other financial data. Data through 1955 have been adjusted to Internal Revenue Service statistics. Minus sign (-) indicates a reduction in assets or liabilities]

USE OR SOURCE	1950	1955	1956	1957	1958	1959	1960	1961 (prel.)
Uses.....	45.3	50.6	45.0	40.3	35.3	51.9	41.2	48.5
Increase in physical assets.....	26.7	30.9	37.5	34.8	24.0	33.4	33.8	32.2
Plant and equipment.....	16.9	24.2	29.9	32.7	26.4	27.7	30.8	30.4
Inventories (book value).....	9.8	6.7	7.6	2.1	-2.4	5.7	3.0	1.8
Increase in financial assets.....	18.6	19.7	7.5	5.5	11.2	18.5	7.5	16.3
Receivables.....	13.8	11.9	8.8	4.5	6.7	12.2	7.7	9.0
Consumer.....	1.8	3.3	1.4	.9	-3	2.6	1.7	.4
Other.....	12.0	8.6	7.4	3.6	7.0	9.6	6.0	8.2
Cash and U.S. Government securities.....	4.5	5.0	-4.3	-3	2.6	3.6	-3.1	2.6
Cash (including deposits).....	1.6	1.2	-.2	1	2.5	-.2	-.2	3.0
U.S. Government securities.....	2.9	3.8	-4.5	-4	.1	3.8	-2.9	-.4
Other assets.....	.3	2.8	8.0	1.3	1.9	2.7	2.9	4.0
Sources.....	44.2	50.3	47.9	42.5	39.5	54.7	43.6	51.5
Internal sources.....	20.8	26.6	27.8	28.0	26.0	30.6	30.3	32.1
Retained profits <sup>1</sup> .....	13.0	10.9	10.5	8.9	5.7	9.1	7.4	7.7
Depreciation.....	7.8	15.7	17.3	19.1	20.3	21.5	22.9	24.4
External long-term sources.....	4.2	8.6	11.1	11.9	11.0	9.5	9.6	10.9
Stocks.....	1.7	2.7	3.2	3.5	3.6	3.7	3.0	4.5
Bonds.....	2.0	4.2	4.7	7.0	5.9	4.1	5.0	5.1
Other debt.....	.5	1.7	3.2	1.4	1.5	1.7	1.6	1.3
Short-term sources.....	19.2	15.1	9.0	2.6	2.7	14.6	3.7	8.5
Bank loans.....	2.1	3.7	2.2	.3	-.4	3.5	1.5	.8
Trade payables.....	8.8	5.5	5.5	2.4	3.8	6.7	2.2	5.5
Federal income tax liabilities.....	7.3	3.8	-1.7	-2.2	-2.5	2.4	-1.5	.6
Other.....	1.0	2.1	3.0	2.1	1.8	2.0	1.5	1.7
Discrepancy (uses less sources).....	1.1	.3	-2.9	-2.2	-4.2	-2.8	-2.4	-3.0

<sup>1</sup> Includes depletion.

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, November 1961, May 1962, and records.

## No. 668. MANUFACTURING AND TRADE—SALES, INVENTORIES, AND ORDERS: 1940 TO 1962

[In billions of dollars. Data for manufacturing include Alaska and Hawaii, all years; for retail trade, beginning 1960; and for wholesale trade, beginning 1961. Data include all corporate and noncorporate companies, major activities of which are in manufacturing or trade. Beginning 1955, retail trade estimates based on a new method of estimation adopted by Bureau of the Census. Beginning 1950, wholesale trade estimates adjusted to the scope of the 1954 Census of Wholesale Trade and not strictly comparable with data for prior years. See also *Historical Statistics, Colonial Times to 1967*, series T 360-386]

ITEM	1940	1950	1955	1957	1958	1959	1960	1961		1962, April
								Total	April	
MANUFACTURING AND TRADE										
Sales.....	145.6	479.7	627.3	675.8	648.2	719.7	732.5	738.3	58.4	65.1
Manufacturing.....	70.3	231.4	316.1	340.6	314.7	356.8	365.0	368.7	29.4	33.3
Durable goods.....	29.7	105.6	156.9	169.9	148.6	174.1	176.2	174.5	14.0	16.4
Nondurable goods.....	40.6	125.8	159.1	170.7	166.1	182.8	188.7	194.2	15.4	16.8
Wholesale trade.....	28.9	101.0	127.4	135.2	133.1	147.5	148.0	150.7	11.7	12.7
Durable goods.....	7.5	35.4	48.2	50.4	47.3	55.4	53.3	51.4	4.0	4.6
Nondurable goods.....	21.4	65.6	79.2	84.8	85.8	92.1	94.7	99.3	7.7	8.1
Retail trade.....	46.4	147.2	183.9	200.0	200.4	215.4	219.5	218.9	17.4	19.2
Durable goods.....	13.6	54.3	67.0	68.4	63.4	71.7	70.7	67.4	5.4	6.3
Nondurable goods.....	32.8	92.9	116.9	131.6	136.9	143.8	148.8	151.5	12.0	12.9
Inventories (seasonally adjusted) book value <sup>1</sup> .....	22.2	62.9	80.6	90.8	85.5	90.6	94.1	95.5	93.0	97.3
Manufacturing.....	12.8	34.3	46.4	53.5	49.2	52.4	53.7	55.2	53.4	56.8
Durable goods.....	6.3	16.8	26.7	31.1	27.8	30.1	30.9	31.5	30.2	32.5
Nondurable goods.....	6.5	17.5	19.7	22.4	21.4	22.3	22.9	23.7	23.2	24.3
Wholesale trade.....	3.2	9.1	11.4	12.7	12.0	12.6	13.2	13.5	13.4	13.7
Durable goods.....	1.1	4.3	5.8	6.6	6.3	6.6	6.8	6.9	6.8	6.9
Nondurable goods.....	2.1	4.8	5.6	6.1	5.7	6.1	6.4	6.6	6.7	6.8
Retail trade.....	6.1	19.5	22.8	24.6	24.3	25.5	27.2	26.9	26.2	26.9
Durable goods.....	2.5	8.3	10.5	11.4	10.7	11.3	12.3	11.5	11.2	11.4
Nondurable goods.....	3.6	11.2	12.2	13.2	13.6	14.3	14.9	15.3	14.9	15.4
Ratio of inventories to sales: <sup>2</sup>										
Manufacturing.....	2.06	1.57	1.68	1.89	1.93	1.72	1.79	1.75	1.77	1.69
Durable goods.....	2.29	1.68	1.90	2.22	2.34	2.03	2.15	2.11	2.13	1.98
Nondurable goods.....	1.88	1.48	1.46	1.56	1.57	1.43	1.45	1.43	1.45	1.42
Wholesale trade.....	1.30	.96	1.02	1.13	1.10	1.00	1.05	1.07	1.11	1.05
Durable goods.....	1.70	1.27	1.34	1.57	1.60	1.40	1.54	1.58	1.66	1.50
Nondurable goods.....	1.16	.80	.83	.88	.83	.76	.78	.80	.83	.80
Retail trade.....	1.49	1.38	1.43	1.44	1.43	1.39	1.45	1.45	1.47	1.37
Durable goods.....	1.97	1.62	1.70	1.91	2.01	1.86	2.02	2.04	2.08	1.80
Nondurable goods.....	1.29	1.29	1.22	1.19	1.17	1.16	1.18	1.19	1.20	1.16
MANUFACTURING										
Inventories, by stages of fabri- cation (seasonally adjusted) <sup>1</sup> .....	12.8	34.3	46.4	53.5	49.2	52.4	53.7	55.2	53.4	56.8
Purchased materials.....	4.7	14.5	15.5	17.1	16.1	17.2	16.8	17.2	16.7	18.1
Goods in process.....	2.9	8.5	13.9	15.8	14.3	15.1	15.1	16.0	15.0	16.4
Finished goods.....	5.2	11.3	17.0	20.6	18.8	20.1	21.8	22.0	21.7	22.3
Durable goods.....	6.8	16.8	26.7	31.1	27.8	30.1	30.9	31.5	30.2	32.5
Purchased materials.....	2.1	6.1	7.4	8.3	7.5	8.3	8.0	8.1	7.8	8.6
Goods in process.....	2.0	6.0	11.1	12.7	11.3	12.1	12.1	12.6	11.9	13.0
Finished goods.....	2.2	4.7	8.2	10.1	9.0	9.7	10.8	10.7	10.5	10.9
Nondurable goods.....	6.5	17.5	19.7	22.4	21.4	22.3	22.9	23.7	23.2	24.3
Purchased materials.....	2.6	8.4	8.1	8.8	8.6	8.9	8.7	9.1	8.9	9.5
Goods in process.....	0.9	2.5	2.8	3.1	3.0	3.0	3.1	3.4	3.1	3.4
Finished goods.....	3.0	6.6	8.8	10.5	9.8	10.4	11.1	11.3	11.2	11.3
Ratio of inventories to sales: <sup>2</sup>										
Durable goods:										
Purchased materials.....	.74	.58	.52	.60	.63	.57	.58	.54	.55	.52
Goods in process.....	.67	.58	.78	.93	.94	.81	.85	.84	.84	.79
Finished goods.....	.88	.62	.60	.68	.77	.64	.72	.73	.74	.67
Nondurable goods:										
Purchased materials.....	.74	.65	.60	.62	.63	.58	.57	.55	.56	.56
Goods in process.....	.24	.22	.21	.21	.21	.20	.20	.20	.20	.20
Finished goods.....	.90	.61	.65	.73	.73	.66	.68	.69	.70	.66
New orders.....	81.7	251.8	326.0	327.1	310.8	361.5	358.8	371.6	29.6	32.7
Durable goods.....	40.5	123.8	166.2	167.0	144.5	178.2	170.9	176.8	14.1	15.9
Nondurable goods.....	41.2	128.0	169.8	170.1	166.4	183.3	187.9	194.8	15.5	16.8
Unfilled orders <sup>1</sup> .....	18.4	41.1	56.9	50.7	46.8	51.5	45.4	48.2	45.8	48.6
Durable goods.....	16.5	36.6	53.4	48.1	44.0	48.1	42.8	45.1	42.8	45.5
Nondurable goods.....	1.8	4.6	3.6	2.6	2.8	3.4	2.5	3.1	3.0	3.1

<sup>1</sup> End of period.

<sup>2</sup> For annual periods, ratio of average inventories to average monthly sales. Average inventories based on weighted averages of end of month figures. April ratios based on inventories at end of month and sales for month, seasonally adjusted.

Source: Department of Commerce, Office of Business Economics and Bureau of the Census; *Survey of Current Business*, and records.

## No. 669. NET CHANGE IN BUSINESS INVENTORIES: 1929 TO 1961

[In millions of dollars. Beginning 1960, includes Alaska and Hawaii. Net change in business inventories measures change in physical inventories, valued at average prices current during year. Difference between change in business inventories as thus measured and change in book value of inventories constitutes inventory valuation adjustment]

ITEM	1929	1933	1940	1945	1950	1955	1959	1960	1961 (prel.)
<b>Net change in business inventories</b>									
Farm	1,674	-1,629	2,172	-1,057	6,815	5,783	6,253	4,216	2,200
Nonfarm	-162	-259	270	-462	815	297	92	258	300
	1,836	-1,370	1,902	-695	6,000	5,486	6,161	3,958	1,800
<b>Net change in nonfarm inventories</b>									
Corporate	1,836	-1,370	1,902	-595	6,000	5,486	6,161	3,958	1,800
Noncorporate	1,558	-871	1,586	-1,027	4,823	4,927	5,264	3,061	(1)
	278	-499	316	432	1,177	559	897	897	(1)
<b>Change in book value</b>									
Corporate	1,222	1,298	2,147	75	12,059	7,420	6,765	3,986	(1)
Noncorporate	1,086	1,272	1,786	-463	9,788	6,663	5,729	3,019	(1)
	136	26	361	538	2,271	757	1,036	967	(1)
<b>Inventory valuation adjustment</b>									
Corporate	614	-2,688	-245	-670	-6,059	-1,934	-604	-28	(1)
Noncorporate	472	-2,143	-200	-864	-4,965	-1,736	-465	42	100
	142	-525	-45	-106	-1,094	-198	-130	-70	(1)
<b>Net change in nonfarm inventories by industrial groups</b>									
Manufacturing	1,836	-1,370	1,902	-595	6,000	5,486	6,161	3,958	1,800
Change in book value	911	-578	1,218	-1,556	2,164	2,626	3,659	1,589	(1)
Inventory valuation adjustment	598	828	1,357	-1,121	5,496	4,008	4,021	1,415	1,700
	313	-1,406	-139	-435	-3,332	-1,382	-362	174	(1)
Wholesale trade	31	-89	183	560	1,356	1,115	1,310	764	(1)
Change in book value	-74	268	173	665	2,468	1,195	1,255	895	460
Inventory valuation adjustment	105	-357	10	-105	-1,102	-80	55	-131	(1)
Retail trade	250	-488	482	272	2,131	2,092	1,005	1,403	(1)
Change in book value	77	220	563	358	3,161	2,294	1,200	1,600	-300
Inventory valuation adjustment	173	-708	-81	-86	-1,220	-202	-195	-197	(1)
All other	644	-215	19	129	349	-347	187	202	(1)
Change in book value	621	-18	54	173	750	-77	289	76	(1)
Inventory valuation adjustment	23	-197	-35	-44	-405	-270	-102	126	(1)

<sup>1</sup> Not available.

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, July 1961, and *National Income Supplement*, 1954, and records.

## No. 670. MERGERS AND ACQUISITIONS—MANUFACTURING AND MINING CONCERNS ACQUIRED, BY INDUSTRY GROUP OF ACQUIRING CONCERN: 1948 TO 1961

[See headnote, table 671]

INDUSTRY GROUP OF ACQUIRING CONCERN	1948-1953, total	1954	1955	1956	1957	1958	1959	1960	1961
<b>Total</b>	1,385	388	525	537	490	457	656	635	671
<b>Mining</b>	60	12	34	35	31	39	29	17	30
<b>Manufacturing:</b>									
Food and kindred products	189	54	54	53	32	36	55	52	62
Tobacco manufacturers	4		2	3	4	1	3	3	5
Textiles and apparel	95	22	32	34	26	19	36	42	43
Lumber and furniture	35	5	5	11	5	7	19	25	13
Paper and allied products	46	14	18	21	30	26	32	44	27
Printing and publishing	18	6	4	8	4	10	15	17	20
Chemicals	131	37	42	53	35	41	62	59	66
Petroleum and coal products	28	7	7	13	4	9	18	12	21
Rubber products	15	8	4	5	6	4	4	6	9
Leather products	19	2	3	5	1	1	5	1	4
Stone, clay, and glass products	56	14	18	13	22	16	26	10	22
Primary metals	63	15	40	23	31	22	37	19	21
Fabricated metals	122	39	45	27	46	34	50	41	35
Machinery, except electrical	193	56	79	79	87	59	76	61	67
Electrical machinery	92	19	45	39	40	40	60	92	88
Transportation equipment	99	26	39	46	25	38	47	47	38
Professional and scientific instruments	34	13	12	14	16	21	30	17	25
Miscellaneous manufactures	12	8	16	12	23	9	19	28	13
<b>Nonmanufacturing</b>	65	31	26	43	52	25	33	33	61

Source: Federal Trade Commission; *Report on Corporate Mergers and Acquisitions*, 1955, and records.



# **No. 671. MERGERS AND ACQUISITIONS—MANUFACTURING AND MINING CONCERNS ACQUIRED: 1920 TO 1961**

[Includes Alaska and Hawaii. Data limited to actions reported by Moody's Investors Service and Standard and Poor's Corporation. Many smaller acquisitions are not reported in these sources. Includes partial acquisitions when they comprise whole divisions of other companies. See also *Historical Statistics, Colonial Times to 1967*, series V 30]

PERIOD	Number	YEAR	Number	YEAR	Number	YEAR	Number
1920-1924-----	2,285	1940-----	140	1948-----	223	1956-----	537
1925-1929-----	4,583	1941-----	111	1949-----	126	1957-----	490
1930-1934-----	1,687	1942-----	118	1950-----	219	1958-----	457
1935-1939-----	577	1943-----	213	1951-----	235	1959-----	650
1940-1944-----	906	1944-----	324	1952-----	288	1960-----	635
1945-1949-----	1,505	1945-----	333	1953-----	295	1961-----	671
1950-1954-----	1,424	1946-----	419	1954-----	387		
1955-1959-----	2,685	1947-----	404	1955-----	525		

Source: Federal Trade Commission; *Report on Corporate Mergers and Acquisitions*, 1955, and records.

# **No. 672. MERGERS AND ACQUISITIONS—MANUFACTURING AND MINING CONCERNS ACQUIRED, BY SIZE OF ASSETS OF ACQUIRING CONCERN: 1948 TO 1961**

[See headnote, table 671]

ASSETS OF ACQUIRING CONCERN	1948-1958		1959		1960		1961	
	Number acquired	Per- cent	Number acquired	Per- cent	Number acquired	Per- cent	Number acquired	Per- cent
<b>Total</b> -----	<b>3,782</b>	<b>100.0</b>	<b>656</b>	<b>100.0</b>	<b>635</b>	<b>100.0</b>	<b>671</b>	<b>100.0</b>
Under \$1,000,000-----	72	1.9	4	0.6	3	0.5	8	1.2
\$1,000,000 to \$4,999,999-----	452	12.0	85	12.9	79	12.5	76	11.3
\$5,000,000 to \$9,999,999-----	489	12.9	71	10.8	66	10.3	94	14.0
\$10,000,000 to \$49,999,999-----	1,320	35.1	209	31.9	204	32.1	197	29.4
\$50,000,000 and over-----	1,169	30.9	268	40.9	256	40.3	259	38.6
Assets unknown-----	271	7.2	19	2.9	27	4.3	37	5.5

Source: Federal Trade Commission; *Report on Corporate Mergers and Acquisitions*, 1955, and records.

# **No. 673. INDUSTRIAL AND COMMERCIAL FAILURES—PERCENT DISTRIBUTION BY NUMBER OF YEARS IN BUSINESS: 1945 TO 1961**

[Excludes Alaska and Hawaii]

YEAR	Total failures	5 years or less	6 to 10 years	Over 10 years	YEAR	Total failures	5 years or less	6 to 10 years	Over 10 years
1945-----	100.0	59.1	19.8	21.1	1955-----	100.0	56.6	26.0	17.4
1946-----	100.0	71.8	13.9	14.3	1956-----	100.0	58.6	23.1	18.3
1947-----	100.0	77.6	13.3	9.1	1957-----	100.0	58.9	21.8	19.3
1948-----	100.0	76.5	12.5	11.0	1958-----	100.0	57.2	21.4	21.4
1949-----	100.0	74.6	14.5	10.9	1959-----	100.0	57.1	22.3	20.6
1950-----	100.0	68.2	19.0	12.8	1960-----	100.0	58.6	20.8	20.6
1951-----	100.0	68.2	23.5	13.3	1961-----	100.0	56.2	22.4	21.4
1952-----	100.0	59.9	25.8	14.3					
1953-----	100.0	58.5	26.7	14.8					
1954-----	100.0	57.2	27.3	15.5					

Source: Dun & Bradstreet, Inc., New York, N.Y.; *The Failure Record Through 1960*, and records.

# No. 674. INDUSTRIAL AND COMMERCIAL FAILURES—PERCENT DISTRIBUTION BY MAJOR INDUSTRY GROUP AND YEARS IN BUSINESS: 1961

[Excludes Alaska and Hawaii]

YEARS IN BUSINESS	All concerns	Manufacturing	Wholesale	Retail	Construction	Commercial service
Number of failures.....	17,075	2,825	1,734	8,292	2,762	1,472
Total.....	100.0	100.0	100.0	100.0	100.0	100.0
First year.....	3.2	2.4	2.0	4.1	1.6	3.7
Second year.....	16.6	14.2	11.5	20.9	10.9	13.8
Third year.....	17.0	16.3	15.9	18.0	15.8	17.3
Fourth year.....	11.6	11.0	10.7	11.7	12.1	13.0
Fifth year.....	7.8	7.1	7.5	7.0	9.0	8.4
Sixth year.....	6.2	6.6	5.7	5.4	7.8	6.7
Seventh year.....	5.6	4.9	5.6	5.4	6.6	6.5
Eighth year.....	4.0	4.6	4.4	3.4	5.1	3.9
Ninth year.....	3.6	4.1	3.0	3.1	4.8	3.0
Tenth year.....	3.0	3.0	3.4	2.8	3.7	2.7
Over 10 years.....	21.4	25.8	30.3	17.6	22.6	20.1

Source: Dun & Bradstreet, Inc., New York, N.Y.; *The Failure Record Through 1960*, and records.

# No. 675. INDUSTRIAL AND COMMERCIAL FAILURES—NUMBER AND LIABILITIES: 1921 TO 1961

[Excludes Alaska and Hawaii. Excludes all railroad failures. Series revised beginning 1933 to exclude real estate and financial companies. These revisions bring "Failures" more nearly in accordance with type of concerns covered by "Total concerns in business," in which no changes were made. Beginning 1939, new series includes voluntary discontinuances with loss to creditors and small concerns forced out of business with insufficient assets to cover all claims, in addition to failures included in former series. See also *Historical Statistics, Colonial Times to 1957*, series V 1-3]

YEARLY AVERAGE OR YEAR	Total concerns in business <sup>1</sup> (1,000)	FAILURES <sup>2</sup>				YEAR OR MONTH	Total concerns in business <sup>1</sup> (1,000)	FAILURES <sup>3</sup>			
		Number	Rate per 10,000 concerns	Current liabilities <sup>3</sup> (\$1,000)	Average liability			Number	Rate per 10,000 concerns <sup>4</sup>	Current liabilities <sup>3</sup> (\$1,000)	Average liability
1921-1925.....	2,013	20,775	103	555,531	\$26,740	1953.....	2,667	8,862	33	894,153	\$44,477
1926-1930.....	2,185	23,005	108	514,086	21,779	1954.....	2,632	11,086	42	402,628	41,731
1931-1935.....	2,024	20,860	102	553,336	26,526	1955.....	2,633	10,969	42	440,380	40,968
1936-1940.....	2,088	12,004	68	190,427	16,282	1956.....	2,620	12,686	48	562,697	44,356
1941-1945.....	2,022	5,301	25	68,852	12,088	1957.....	2,652	13,739	52	615,203	44,784
1946-1950.....	2,493	5,652	21	212,695	44,733	1958.....	2,675	14,064	56	728,258	48,067
1951-1955.....	2,035	9,317	35	369,804	39,322	1959.....	2,708	14,053	62	692,808	49,300
1956-1960.....	2,674	14,177	53	707,537	49,570	1960.....	2,708	15,445	57	938,630	60,772
1941.....	2,171	11,848	55	136,104	11,488	1961.....	2,641	17,075	64	1,090,123	63,843
1942.....	2,152	9,405	45	100,793	10,713	Jan.....	2,695	1,404	61	81,520	58,063
1943.....	2,023	3,221	16	45,839	14,076	Feb.....	(5)	1,449	64	88,083	60,780
1944.....	1,855	1,222	7	31,660	25,908	Mar.....	2,681	1,610	63	126,622	78,047
1945.....	1,900	809	4	30,225	37,361	Apr.....	(5)	1,441	61	86,114	59,790
1946.....	2,142	1,129	5	67,349	50,654	May.....	2,655	1,645	64	80,471	52,085
1947.....	2,405	3,474	14	204,612	68,898	June.....	(5)	1,403	61	83,828	59,749
1948.....	2,550	5,250	20	234,620	44,690	July.....	2,641	1,275	63	69,168	54,249
1949.....	2,679	9,240	34	308,109	33,323	Aug.....	(5)	1,604	74	102,693	64,023
1950.....	2,687	9,162	34	248,283	27,090	Sept.....	2,631	1,285	68	116,664	60,789
1951.....	2,608	8,058	31	259,547	32,210	Oct.....	(5)	1,446	70	70,257	48,587
1952.....	2,637	7,611	29	283,314	37,224	Nov.....	2,627	1,335	64	119,214	80,299
						Dec.....	(5)	1,278	64	65,489	51,243

<sup>1</sup> Annual data represent number of names listed in July issue of *Dun & Bradstreet Reference Book*; monthly data are listings in edition published in specified month. See table 676 for class of industries covered.

<sup>2</sup> Includes concerns discontinuing 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, since June 1934, reorganization or arrangement which may or may not lead to discontinuance; and businesses making voluntary compromise with creditors out of court.

<sup>3</sup> Liabilities exclude long-term publicly held obligations; offsetting assets are not taken into account.

<sup>4</sup> Monthly data represent annual rate at which business concerns would fail if number of concerns and failures listed in that month prevailed for entire year. Adjustments have been made for seasonal fluctuations.

<sup>5</sup> Not available.

Source: Dun & Bradstreet, Inc., New York, N.Y.; *The Failure Record Through 1960*, and records.

**No. 676. INDUSTRIAL AND COMMERCIAL FAILURES—NUMBER AND LIABILITIES, BY INDUSTRY AND SIZE OF LIABILITY: 1955 TO 1961**

[Liabilities in thousands of dollars. Excludes Alaska and Hawaii. See footnotes 2 and 3, table 675]

INDUSTRY AND SIZE OF LIABILITY	FAILURES				CURRENT LIABILITIES			
	1955	1959	1960	1961	1955	1959	1960	1961
<b>Total</b> .....	10,969	14,053	15,445	17,075	449,380	692,808	938,630	1,090,123
<b>Mining and manufacturing</b> .....	2,202	2,465	2,612	2,825	156,945	207,736	289,635	325,282
By industry:								
Mining—Coal, oil, misc.....	55	91	98	103	5,150	8,363	10,050	16,814
Food and kindred products.....	165	176	173	182	14,198	14,288	31,276	26,767
Textile-mill prod. and apparel.....	506	420	435	467	25,334	24,125	30,374	40,047
Lumber and products.....	336	503	520	497	13,658	24,599	38,292	36,824
Paper, printing, and publishing.....	114	164	200	238	6,760	8,881	12,084	16,415
Chemicals and allied products.....	49	62	63	94	3,454	4,508	5,062	9,135
Leather and products.....	80	72	82	75	4,358	6,724	12,786	6,074
Stone, clay, and glass products.....	49	48	44	64	1,821	4,143	4,000	5,632
Iron, steel, and products.....	120	136	107	183	14,219	15,098	27,046	70,337
Machinery.....	291	264	289	294	37,278	43,049	44,682	32,872
Transportation equipment.....	47	108	133	136	5,827	9,457	16,854	27,332
Miscellaneous.....	390	431	408	492	25,882	44,441	40,929	36,833
By size of liability:								
Under \$5,000.....	188	220	173	185	565	618	483	482
\$5,000 to \$25,000.....	905	957	898	950	11,617	12,032	11,315	12,226
\$25,000 to \$100,000.....	704	835	941	1,062	36,288	39,827	46,364	52,042
\$100,000 and over.....	345	453	600	628	108,476	165,264	231,473	260,532
<b>Wholesale trade</b> .....	1,164	1,387	1,473	1,734	57,682	82,174	107,156	158,465
By industry:								
Food and farm products.....	274	290	321	318	12,635	22,602	29,318	53,402
Apparel.....	62	42	46	56	2,176	1,722	3,513	3,038
Dry goods.....	54	42	35	43	4,107	1,954	1,403	2,896
Lumber, bldg. materials, hardware.....	135	163	184	241	7,014	10,171	14,040	23,012
Chemicals and drugs.....	36	60	45	58	1,187	1,672	1,626	2,407
Motor vehicles and auto equip.....	68	74	116	128	2,020	3,340	7,404	6,167
Miscellaneous.....	535	726	726	890	28,543	40,713	49,852	67,543
By size of liability:								
Under \$5,000.....	97	97	94	109	282	281	270	279
\$5,000 to \$25,000.....	535	557	560	631	7,103	7,205	7,597	8,177
\$25,000 to \$100,000.....	412	533	577	673	19,680	25,191	27,889	32,493
\$100,000 and over.....	120	200	242	321	30,007	40,497	71,400	117,516
<b>Retail trade</b> .....	5,339	6,873	7,386	8,292	121,619	226,832	241,094	333,043
By industry:								
Food and liquor.....	1,053	1,113	1,059	1,151	19,556	29,973	28,557	67,604
General merchandise.....	193	281	255	304	5,193	10,202	12,844	15,482
Apparel and accessories.....	865	1,011	978	1,107	17,774	38,841	25,763	39,748
Furniture, home furnishings.....	719	816	968	1,033	21,072	35,869	38,782	51,681
Lumber, bldg. materials, hardware.....	324	453	487	530	10,367	15,140	20,063	21,611
Automotive group.....	544	1,015	1,338	1,535	12,915	26,922	49,944	51,848
Eating and drinking places.....	956	1,334	1,426	1,593	20,330	35,528	41,589	51,278
Drug stores.....	128	122	166	204	2,574	3,111	5,817	6,623
Miscellaneous.....	557	728	709	835	11,838	25,260	17,745	27,808
By size of liability:								
Under \$5,000.....	1,121	1,066	1,002	1,132	3,273	3,210	2,905	3,212
\$5,000 to \$25,000.....	2,936	3,686	3,836	4,079	35,078	44,146	47,814	51,456
\$25,000 to \$100,000.....	1,101	1,783	2,164	2,513	48,197	77,420	94,846	112,957
\$100,000 and over.....	181	338	384	568	36,071	102,056	95,529	165,418
<b>Construction</b> .....	1,404	2,064	2,607	2,752	83,179	121,883	201,369	193,005
By industry:								
General building contractors.....	443	749	1,020	1,068	39,827	66,075	110,658	94,042
Building subcontractors.....	880	1,159	1,419	1,520	34,485	42,492	74,177	76,685
Other contractors.....	81	156	168	164	8,867	13,316	16,536	22,278
By size of liability:								
Under \$5,000.....	162	206	223	272	507	570	639	728
\$5,000 to \$25,000.....	615	858	957	1,035	8,230	11,313	12,667	14,102
\$25,000 to \$100,000.....	462	739	991	1,020	21,779	35,014	48,040	51,303
\$100,000 and over.....	165	261	436	419	62,663	74,986	140,033	126,872
<b>Commercial service</b> .....	860	1,264	1,367	1,472	29,955	54,183	99,376	80,328
By industry:								
Passenger and freight trans.....	255	437	410	409	11,870	22,714	38,356	30,690
Miscellaneous public services.....	30	43	62	58	4,028	2,623	3,874	2,239
Hotels.....	41	68	82	97	5,901	9,880	23,271	23,786
Cleaning, dyeing, repairing.....	95	138	122	153	1,229	2,461	3,381	4,057
Laundries.....	50	53	68	77	1,344	1,612	2,459	2,719
Undertakers.....	8	11	7	14	401	282	172	520
Other personal services.....	61	83	81	105	536	3,949	3,563	1,872
Business and repair services.....	320	431	535	559	4,464	11,262	24,280	14,445
By size of liability:								
Under \$5,000.....	217	252	196	205	629	743	605	593
\$5,000 to \$25,000.....	421	606	633	683	5,077	7,623	7,956	8,627
\$25,000 to \$100,000.....	177	312	405	451	8,049	13,691	17,823	21,418
\$100,000 and over.....	45	94	133	133	16,200	32,126	72,992	49,690

Source: Dun & Bradstreet, Inc., New York, N. Y.; *The Failure Record Through 1960*, and records.

# No. 677. INDUSTRIAL AND COMMERCIAL FAILURES—NUMBER AND LIABILITIES, BY STATES: 1959 TO 1961

STATE	TOTAL CONCERNS IN BUSINESS <sup>1</sup>			FAILURES <sup>2</sup>						
				Number			As per- cent of con- cerns in busi- ness, 1961	Current liabilities (\$1,000)		
	1959	1960	1961	1959	1960	1961		1959	1960	1961
United States <sup>3</sup> .....	2,708,168	2,707,519	2,641,469	14,053	15,445	17,075	0.65	692,808	938,630	1,090,123
New England.....	182,999	175,369	168,555	809	717	737	0.44	40,341	56,688	54,308
Maine.....	16,077	15,523	15,208	38	39	26	0.17	824	875	1,160
New Hampshire.....	10,283	10,213	9,674	23	33	19	0.20	2,403	2,424	900
Vermont.....	6,784	6,692	6,698	13	14	22	0.33	629	1,223	1,043
Massachusetts.....	94,226	88,627	85,266	377	295	301	0.35	17,501	28,887	30,210
Rhode Island.....	16,422	15,903	15,679	150	103	131	0.84	6,260	5,730	6,010
Connecticut.....	39,207	38,511	36,160	208	233	238	0.60	12,824	14,549	14,067
Middle Atlantic.....	540,632	529,082	521,790	4,566	4,609	4,873	0.93	238,749	276,280	297,483
New York.....	263,202	253,471	250,371	3,190	3,093	3,249	1.30	173,178	191,546	201,562
New Jersey.....	98,921	90,181	98,812	639	714	717	0.73	27,019	49,071	63,282
Pennsylvania.....	178,479	176,430	172,607	737	802	907	0.53	37,952	35,663	42,639
East North Central.....	532,647	526,957	519,466	2,401	2,683	3,127	0.60	124,268	146,212	166,606
Ohio.....	185,791	132,646	134,214	740	838	1,045	0.78	29,431	38,003	53,340
Indiana.....	66,549	60,344	64,037	143	151	192	0.30	10,391	9,686	9,223
Illinois.....	153,975	152,962	148,834	663	836	982	0.63	59,003	47,367	53,621
Michigan.....	105,432	104,091	102,470	406	524	554	0.55	30,000	37,687	36,560
Wisconsin.....	70,900	70,914	69,011	359	336	344	0.50	14,328	12,869	13,857
West North Central.....	268,231	266,327	258,678	448	492	631	0.24	23,754	29,204	40,052
Minnesota.....	55,216	54,680	52,154	118	101	167	0.32	4,098	5,050	8,142
Iowa.....	51,508	51,272	50,109	74	92	136	0.27	4,369	4,303	8,709
Missouri.....	70,945	70,700	67,763	158	132	150	0.23	7,948	7,439	10,008
North Dakota.....	10,734	10,654	10,293	4	13	11	0.11	195	1,496	364
South Dakota.....	12,121	12,266	12,108	6	5	9	0.07	115	179	391
Nebraska.....	27,905	27,802	27,354	13	32	35	0.13	384	2,366	4,443
Kansas.....	39,802	38,953	38,897	75	117	114	0.20	6,645	8,231	7,906
South Atlantic.....	355,236	363,439	348,146	1,262	1,695	2,188	0.63	68,806	78,940	108,631
Delaware.....	6,480	6,257	6,314	12	18	22	0.35	3,097	1,532	1,142
Maryland.....	35,914	36,553	37,092	142	160	185	0.50	4,425	7,043	8,663
Dist. of Columbia.....	8,093	9,484	9,740	27	30	33	0.34	4,081	2,161	4,676
Virginia.....	48,584	49,170	47,013	129	143	181	0.38	7,385	10,681	18,665
West Virginia.....	27,269	20,094	25,183	89	85	95	0.38	5,123	4,051	3,933
North Carolina.....	63,596	65,137	63,880	131	152	192	0.30	4,467	4,874	7,146
South Carolina.....	29,620	29,168	28,251	133	162	227	0.80	3,207	2,349	3,126
Georgia.....	53,483	55,019	51,196	177	227	286	0.56	11,904	11,813	19,480
Florida.....	31,373	30,557	29,377	422	718	967	1.22	24,267	34,436	41,091
East South Central.....	150,034	150,966	150,801	328	406	473	0.31	12,763	33,016	34,271
Kentucky.....	42,884	41,501	40,711	59	86	88	0.22	2,027	11,593	4,526
Tennessee.....	44,576	46,272	45,482	133	172	200	0.44	5,746	10,850	19,237
Alabama.....	36,715	37,253	37,777	80	85	115	0.30	3,202	4,149	6,195
Mississippi.....	26,859	26,440	26,831	56	63	70	0.26	1,788	6,424	4,313
West South Central.....	280,337	283,784	273,047	752	888	897	0.33	42,325	77,942	62,267
Arkansas.....	28,193	28,046	28,872	65	76	52	0.18	2,506	5,231	2,231
Louisiana.....	46,323	47,687	45,927	192	190	167	0.34	6,676	9,725	9,568
Oklahoma.....	40,675	42,333	41,332	89	105	119	0.29	2,977	8,078	7,099
Texas.....	165,146	165,718	158,916	435	517	509	0.36	30,166	54,908	43,450
Mountain.....	111,182	116,081	114,363	364	452	538	0.47	17,890	26,020	30,398
Montana.....	12,891	12,882	12,252	21	17	17	0.14	744	555	971
Idaho.....	10,737	10,879	10,479	20	40	42	0.40	555	1,987	1,655
Wyoming.....	6,582	6,735	6,709	17	5	1	0.01	1,077	630	11
Colorado.....	32,576	34,072	32,343	103	110	154	0.48	5,108	6,348	9,447
New Mexico.....	14,740	15,693	16,149	7	43	60	0.37	1,374	2,222	4,047
Arizona.....	16,635	18,277	19,150	123	183	196	1.02	5,921	11,662	10,040
Utah.....	12,566	12,832	12,623	46	37	43	0.34	1,543	1,623	2,001
Nevada.....	4,435	4,711	4,649	27	17	25	0.54	1,628	993	2,226
Pacific.....	286,810	295,514	286,623	3,123	3,503	3,611	1.26	123,922	214,328	296,167
Washington.....	42,237	42,082	40,118	356	428	414	1.03	8,715	15,534	12,859
Oregon.....	28,637	28,433	28,005	471	541	498	1.78	9,785	13,407	15,432
California.....	215,916	224,999	218,506	2,296	2,534	2,699	1.24	105,422	185,387	267,816

<sup>1</sup> Represents number of names listed in July issue of *Dun & Bradstreet Reference Book*. See table 676 for class of industries covered. <sup>2</sup> See footnotes 2 and 3, table 675.

<sup>3</sup> Excludes Alaska and Hawaii.

Source: *Dun & Bradstreet, Inc., New York, N. Y.; The Failure Record Through 1960*, and records.

## No. 678. BANKRUPTCY CASES FILED AND PENDING: 1905 TO 1961

[For years ending June 30. Covers all U.S. District Courts. A bankruptcy case is a proceeding filed in a U.S. District Court under the National Bankruptcy Act. "Filed" means the commencement of a proceeding through the presentation of a petition to the clerk of the court; "pending" is a proceeding in which the administration has not been completed]

YEAR	Filed	Pending	YEAR	Filed	Pending	YEAR	Filed	Pending
1905.....	16,946	27,957	1946.....	10,196	17,388	1955.....	59,404	55,592
1910.....	18,058	25,302	1947.....	13,170	17,290	1956.....	62,086	59,864
1915.....	27,632	43,515	1948.....	18,510	25,064	1957.....	73,761	68,459
1920.....	13,558	29,728	1949.....	26,021	30,569	1958.....	81,668	80,446
1925.....	45,641	59,959	1950.....	33,392	38,376	1959.....	100,672	84,273
1930.....	62,845	61,410	1951.....	35,193	40,922	1960.....	110,034	94,090
1935.....	69,153	65,347	1952.....	34,873	36,184	1961.....	146,643	123,690
1940.....	52,320	54,740	1953.....	40,087	38,780			
1945.....	12,862	21,461	1954.....	53,136	48,428			

Source: Administrative Office of the United States Courts; *Tables of Bankruptcy Statistics*, 1940 to date; earlier years, annual reports of the Attorney General of the United States.

## No. 679. BANKRUPTCY CASES FILED, BY TYPE OF BANKRUPTCY: 1940 TO 1961

[For years ending June 30. Covers all U.S. District Courts. The majority of cases filed are voluntary straight bankruptcy petitions filed by employees and individuals not engaged in business (see table 680)]

YEAR	Total	STRAIGHT BANKRUPTCIES		Corporate reorganization <sup>1</sup>	Arrangements <sup>2</sup>	Wage earners' plans <sup>3</sup>	Other
		Voluntary	Involuntary				
1940.....	52,320	43,902	1,752	320	1,139	3,247	1,060
1945.....	12,862	11,101	264	72	46	1,248	131
1950.....	33,392	25,263	1,369	134	614	6,007	5
1951.....	35,193	26,594	1,099	88	481	6,924	7
1952.....	34,873	25,890	1,059	74	434	7,307	10
1953.....	40,087	29,815	1,064	86	452	8,670	
1954.....	53,136	41,335	1,398	104	661	9,634	4
1955.....	59,404	47,050	1,249	73	566	9,564	2
1956.....	62,086	50,655	1,240	40	612	9,535	4
1957.....	73,761	60,235	1,139	65	623	11,549	
1958.....	81,668	76,048	1,413	67	747	13,391	2
1959.....	100,672	85,502	1,288	78	808	12,993	3
1960.....	110,034	94,414	1,296	90	634	13,599	1
1961.....	146,643	124,386	1,444	112	978	19,723	

<sup>1</sup> Includes petitions filed under Chapter X (Corporate Reorganization) of the National Bankruptcy Act.

<sup>2</sup> Includes petitions filed under Chapter XI (Arrangements) and Chapter XII (Real Estate Arrangements) of the National Bankruptcy Act.

<sup>3</sup> Includes petitions filed under Chapter XIII (Wage Earners' Plans) of the National Bankruptcy Act.

## No. 680. BANKRUPTCY CASES FILED, BY OCCUPATION OF DEBTOR: 1950 TO 1961

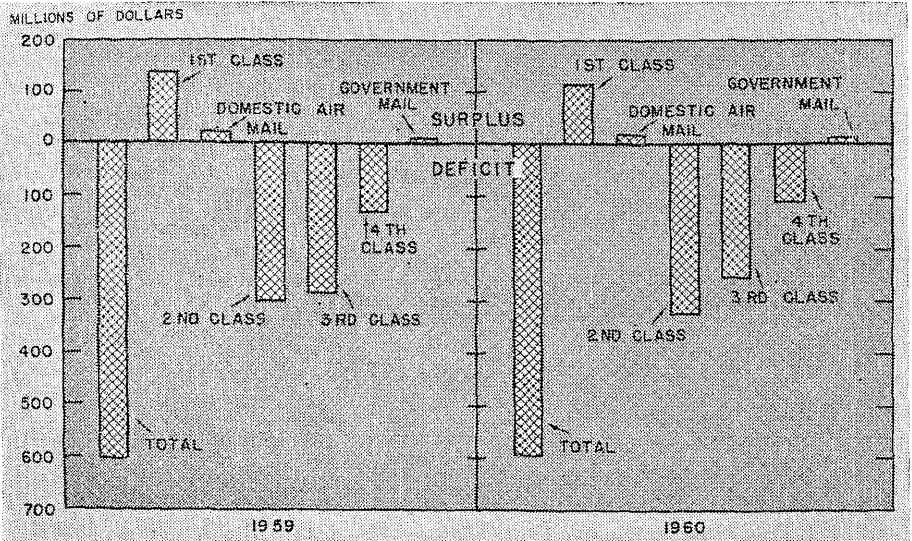
[For years ending June 30. Covers all U.S. District Courts]

YEAR	Total	Merchants	Manufacturers	Farmers	Employees	Members of professions	OTHER	
							In business	Not in business
1950.....	33,392	2,565	803	290	22,933	126	4,568	2,107
1951.....	35,193	2,360	522	205	25,984	127	4,173	1,822
1952.....	34,873	2,319	532	196	26,627	137	3,358	1,804
1953.....	40,087	2,402	518	214	31,253	140	3,498	2,062
1954.....	53,136	3,191	745	322	40,889	154	4,476	3,359
1955.....	59,404	3,317	750	386	46,163	217	4,515	4,056
1956.....	62,086	3,155	730	400	48,784	212	4,981	3,824
1957.....	73,761	3,160	665	403	59,053	204	5,712	4,564
1958.....	81,668	3,504	758	332	73,379	284	6,525	6,396
1959.....	100,672	3,400	634	408	81,516	430	6,857	7,427
1960.....	110,034	3,157	624	453	89,639	495	7,555	8,111
1961.....	146,643	4,244	790	546	119,117	623	9,038	12,285

Source of tables 679 and 680: Administrative Office of the United States Courts; *Tables of Bankruptcy Statistics*.

FIG. XXVIII. SURPLUS OR DEFICIT IN POSTAL REVENUES AND OBLIGATIONS: 1959 AND 1960

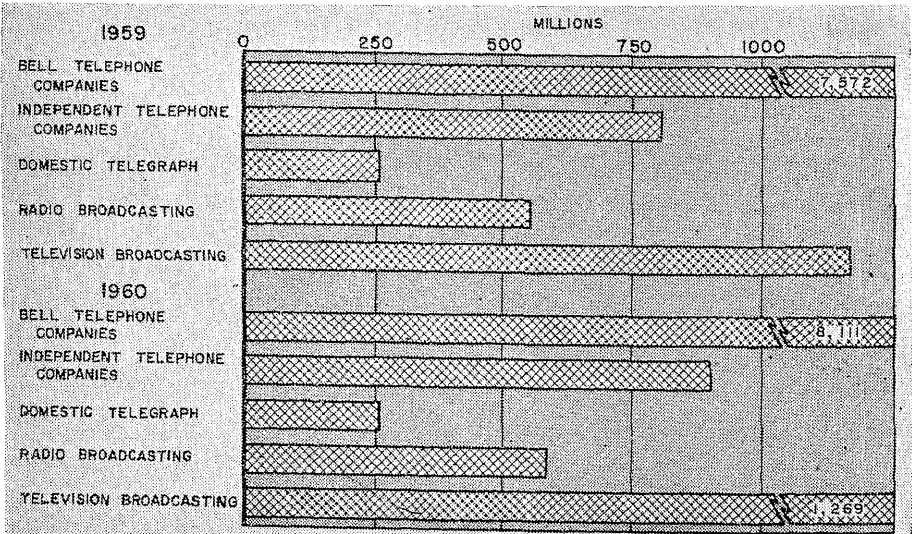
[See table 683]



Source: Chart prepared by Department of Commerce, Bureau of the Census. Data are from Post Office Department.

FIG. XXIX. OPERATING REVENUES OF SELECTED COMMUNICATIONS MEDIA: 1959 AND 1960

[See tables 690, 691, 696, 702, and 703]



Source: Chart prepared by Department of Commerce, Bureau of the Census. Data are from American Telephone & Telegraph Company, United States Independent Telephone Association, and Federal Communications Commission.

## Section 18

### Communications

This section presents statistics on usage, finances, and operations of the various communications media: Postal service, telephone, telegraph, radio, television, newspapers, and books. Data on the postal service are included in the *Annual Report of the Postmaster General*. Statistics on revenues, volume of mail, and distribution of expenditures by classes of mail and services are presented in the Post Office Department's annual *Cost Ascertainment Report*. Principal sources of wire and wireless data are the Federal Communications Commission's *Annual Report* and its annual *Statistics of Communications Common Carriers* (prior to 1957 titled *Statistics of the Communications Industry in the United States*). Statistics on number and circulation of newspapers and periodicals and on sales of books and pamphlets are issued by the Bureau of the Census in reports of the Census of Manufactures. Annual data on number and circulation of daily and Sunday newspapers appear in Editor and Publisher's *International Yearbook Number*. Monthly data on new books and new editions of books are presented by R. R. Bowker Company in *Publishers' Weekly*.

**Postal Service.**—"Cost ascertainment" is the term used by the Post Office Department to describe its system for developing data on revenues, expenses, volume, and average hauls fairly attributable to each class of mail handled by the Postal Service (first, second, third, fourth, foreign, penalty, franked, free for the blind, and air mail) and similar data for each of its special services (special delivery, money order, insurance, collect-on-delivery, registry, certified, and postal savings).

**Telephone and telegraph systems.**—Statistical coverage of wire and wireless communications has been concentrated in the Federal Communications Commission since its establishment in 1934. According to the Communications Act of 1934, as amended, the Commission has full jurisdiction only over carriers engaged in interstate or foreign communications service by means of their own facilities or those of another carrier under direct or indirect common control. The Commission requires all except the smallest of these carriers to file annual and monthly reports and requires the companies controlling any but the smallest to file annual reports. Full jurisdiction applies to practically all wire-telegraph, ocean-cable, and radiotelegraph carriers but not to a large number of telephone carriers which are engaged in interstate or foreign service only by connection with the facilities of another unaffiliated carrier. However, the gross operating revenues of the telephone carriers reporting annually to the Commission are estimated to cover over 90 percent of the revenues of all telephone carriers in the United States.

**Broadcasting.**—The number of broadcast stations refers to the number licensed or holding construction permits. Total broadcast revenues are defined as total time sales of all networks and stations, less commissions to agencies and plus incidental revenues, such as sale of talent, program material, etc. Reports filed with the Federal Communications Commission by broadcast stations and networks cover substantially all units operating in the United States and its outlying areas.

**Alaska and Hawaii.**—For a general statement concerning the treatment of data for Alaska and Hawaii, see preface.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics, Colonial Times to 1957*, series R 139-141) provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

## No. 681. UNITED STATES POSTAL SERVICE—SUMMARY: 1900 TO 1961

[For years ending June 30. Includes Alaska, Hawaii, and outlying areas. See text, p. 509. See also *Historical Statistics, Colonial Times to 1867*, series R 139-141 and R 145]

YEAR	Number of post offices	FINANCES <sup>1</sup>			Revenue per capita	MONEY ORDERS ISSUED		Sales of postage stamps and other stamped paper	Postage paid under permit (1st, 2d, 3d, and 4th class)	Number of pieces of mail handled <sup>4</sup>
		Revenues	Expenditures <sup>2</sup>	Surplus (+) or deficit (—)		Domes- tic <sup>3</sup>	Inter- national			
		<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>Dollars</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>Millions</i>
1900.....	78,688	102	108	—5	1.34	239	17	94	-----	7, 139
1905.....	68,131	153	167	—15	1.32	402	43	140	1	10, 183
1910.....	59,580	224	230	—6	2.43	558	90	202	4	14, 850
1915.....	56,380	287	299	—11	2.85	605	52	266	8	-----
1920.....	52,641	437	454	—17	4.11	1,342	23	380	13	-----
1925.....	50,957	600	639	—40	5.28	1,549	36	508	39	25, 835
1930.....	49,063	705	804	—98	5.75	1,735	52	575	74	27, 888
1935.....	45,686	631	697	—66	4.94	1,820	22	473	96	22, 332
1940.....	44,024	767	808	—41	5.84	2, 103	13	522	177	27, 749
1945.....	41,792	1, 314	1, 145	+169	9.44	4, 806	21	954	252	37, 912
1950.....	41,464	1, 677	2, 223	—545	11.14	5, 165	16	862	675	45, 054
1952.....	40,919	1, 947	2, 667	—720	12.50	5, 946	27	948	836	49, 906
1953.....	40,809	2, 062	2, 742	—650	13.20	6, 033	30	985	931	50, 948
1954.....	39,405	2, 269	2, 668	—399	14.08	6, 048	33	999	1, 053	52, 213
1955.....	38,316	2, 340	2, 712	—363	14.33	5, 865	31	999	1, 136	55, 234
1956.....	37,515	2, 419	2, 883	—464	14.50	5, 926	32	1, 010	1, 197	56, 441
1957.....	37,012	2, 497	3, 044	—548	14.70	5, 880	31	1, 013	1, 246	59, 078
1958.....	36,308	2, 560	3, 441	—881	14.76	5, 442	29	1, 015	1, 303	60, 130
1959.....	35,750	3, 035	3, 640	—605	17.28	5, 168	26	1, 243	1, 537	61, 247
1960.....	35,238	3, 277	3, 874	—597	18.27	5, 031	27	1, 243	1, 701	63, 675
1961.....	34,955	3, 423	4, 240	—826	18.78	4, 958	25	1, 261	1, 829	64, 953

<sup>1</sup> After allowance for reimbursements, embossed envelope purchases, indemnity claims, and miscellaneous revenue and expenditure offsets. Revenues, expenditures, and deficits through 1953 on cash-disbursement basis, i.e., they include payments and receipts in a year applicable to prior years; beginning 1954, expenditures are shown in year in which obligation was incurred, and revenues in year which gave rise to the earnings, whether collected or accrued. During fiscal 1954, the Department began receiving reimbursement for penalty and franked mail, and discontinued payment of subsidies to airlines. These and other changes affect the comparability of the figures from year to year.

<sup>2</sup> 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 Post Office Department by other agencies. Beginning 1954, amounts shown represent obligations incurred.

<sup>3</sup> Includes postal notes issued under act of Congress, 1945-1951.

<sup>4</sup> Data for years prior to 1930 are estimates.

<sup>5</sup> Expenditures and deficit for fiscal 1957 have been increased by \$26 million for retroactive increases in rail rates for eastern roads granted by the Interstate Commerce Commission in 1958.

Source: Post Office Department; *Annual Report of the Postmaster General and Cost Ascertainment Report*.

## No. 682. POSTAL SERVICE REVENUES, BY SOURCE: 1920 TO 1961

[In millions of dollars. For years ending June 30. Includes Alaska, Hawaii, and outlying areas. See text, p. 509]

ITEM	1920	1930	1940	1945	1950	1955	1959	1960	1961
<b>Total.....</b>	<b>437</b>	<b>705</b>	<b>767</b>	<b>1,314</b>	<b>1,677</b>	<b>2,349</b>	<b>3,035</b>	<b>3,277</b>	<b>3,423</b>
Ordinary postal revenue <sup>1</sup> .....	424	686	732	1,247	1,606	2,266	2,960	3,189	3,354
Stamps, postal cards, etc.....	380	575	522	954	802	999	1,243	1,243	1,291
Second-class postage paid in money (pound rates) <sup>2</sup> .....	25	29	23	25	40	64	72	86	96
Other postage paid in money under permit <sup>3</sup> .....	13	74	177	252	678	1,136	1,537	1,701	1,829
Box rents.....	6	9	8	11	14	20	28	29	30
Miscellaneous <sup>4</sup> .....	1	1	3	4	11	41	81	130	145
Money-order revenues.....	10	17	24	47	63	66	67	81	101
Postal Savings System, income transferred to Post Office Department.....	2	2	11	21	8	18	8	7	5

<sup>1</sup> Net revenue after refunds of postage.

<sup>2</sup> Beginning 1950, includes fees; previously, fees included with miscellaneous.

<sup>3</sup> Beginning 1955, includes controlled circulation publications.

<sup>4</sup> For 1960 and 1961, includes \$37.4 million and \$49.0 million, respectively, appropriated to postal revenues for public services as provided by the Postal Policy Act of 1958.

Source: Post Office Department; *Annual Report of the Postmaster General*.



# No. 683. POSTAL REVENUES AND OBLIGATIONS, BY CLASS OF MAIL AND TYPE OF SERVICE: 1959 to 1961

[In thousands of dollars. For years ending June 30. Includes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1967*, series R 146-160]

MAIL AND SERVICE	1959			1960			Revenues, 1961 <sup>1</sup>
	Revenues	Appor- tioned obligations	Excess of revenues (+) or obligations (-)	Revenues	Appor- tioned obligations	Excess of revenues (+) or obligations (-)	
All operations.....	3,077,031	3,682,148	-605,117	3,322,802	3,919,937	-597,134	3,485,558
Net total.....	3,035,251	3,640,368	-605,117	3,276,818	3,873,953	-597,134	3,423,050
Deductions <sup>2</sup> .....	41,780	41,780	-----	46,984	46,984	-----	62,499
All mails and special services.....	3,075,289	3,662,171	-586,882	3,320,724	3,900,707	-579,983	3,483,595
Prepaid domestic mail.....	2,654,882	3,224,698	-569,817	2,862,806	3,426,193	-563,387	3,031,724
1st class.....	1,438,733	1,303,383	+135,350	1,510,113	1,395,293	+114,820	1,558,072
Domestic airmail.....	173,979	152,524	+21,455	180,317	161,333	+18,983	206,176
2d class.....	69,081	372,537	-303,456	86,975	412,157	-325,182	96,548
Controlled circulation publications.....	6,826	9,849	-3,023	7,520	10,346	-2,827	8,199
3d class.....	390,645	677,726	-287,081	454,649	711,057	-256,408	517,260
4th class (parcel post).....	575,618	708,081	-133,063	623,292	736,007	-112,715	645,469
Government mail.....	68,451	60,106	+8,345	85,780	73,070	+12,710	89,806
Penalty.....	66,150	54,198	+11,952	82,458	69,426	+13,031	85,915
Registry (official).....	-----	2,875	-2,875	-----	-----	-----	-----
Franked.....	2,301	3,033	-732	3,322	3,644	-322	3,891
Free for the blind.....	-----	1,276	-1,276	1,137	1,399	-262	1,881
International mail.....	97,940	105,830	-7,889	103,277	115,385	-12,107	108,409
Special services.....	242,125	257,947	-15,822	253,477	269,697	-16,219	233,245
Registry (paid).....	38,623	37,553	+1,070	37,145	37,679	-534	35,923
Certified mail.....	7,649	5,918	+1,731	7,998	6,594	+1,404	8,501
Insurance.....	27,100	22,887	+4,213	27,431	24,107	+3,324	26,863
Collect on delivery.....	13,111	22,185	-9,074	12,778	22,992	-10,213	11,785
Special delivery.....	34,153	43,153	-9,000	34,109	49,131	-14,992	33,353
Money orders.....	67,089	78,801	-11,712	81,189	82,708	-1,519	64,164
Postal savings.....	3,084	4,180	-1,096	7,010	3,074	+3,936	5,492
Box rent service.....	27,877	25,671	+2,206	28,786	25,965	+2,821	30,156
Stamped envelope service.....	18,439	17,599	+840	16,971	16,546	+425	16,943
Unassignable.....	11,891	12,313	-422	14,188	14,963	-775	19,030
Nonpostal services.....	1,742	19,978	-18,235	2,078	19,229	-17,151	1,963
Alien address reporting.....	256	256	-----	256	256	-----	275
U.S. savings bonds and stamps.....	692	907	-214	872	749	+123	898
Civil service.....	-----	5,327	-5,327	-----	4,053	-4,053	-----
Documentary stamps.....	-----	309	-309	-----	350	-350	-----
Migratory bird stamps.....	152	147	+5	98	121	-23	119
Official mail messenger service.....	-----	190	-190	-----	264	-264	-----
Custodial service (public bldgs.).....	487	12,614	-12,127	423	13,026	-12,603	462
Miscellaneous items, other agencies.....	156	168	-12	430	411	+18	209

<sup>1</sup> Includes appropriated public service revenues.

<sup>2</sup> Includes reimbursements, embossed envelope purchases, indemnity claims, and miscellaneous revenue and expenditure offsets.

Source: Post Office Department; *Cost Ascertainment Report*.

## No. 684. PIECES OF MAIL RECEIVED PER CAPITA: 1945 to 1961

[For years ending June 30. Includes Alaska and Hawaii]

ITEM	1945	1950	1954	1955	1956	1957	1958	1959	1960	1961
Major domestic mail..... pieces.....	257	287	310	324	325	334	335	335	341	342
Letters (1st class and airmail)..... do.....	166	168	177	184	189	194	195	192	193	196
2d class..... do.....	42	42	40	41	41	41	41	40	42	44
3d class..... do.....	41	69	86	92	88	92	92	97	100	97
Parcels..... do.....	8	8	7	7	7	7	7	6	6	5

Source: Post Office Department; *Annual Report of the Postmaster General and Cost Ascertainment Report*.

**No. 685. POSTAL SERVICE OBLIGATIONS, BY OBJECT: 1955 TO 1961**  
 [In millions of dollars. For years ending June 30. Includes Alaska, Hawaii, and Puerto Rico]

OBJECT	1955	1957	1958	1959	1960	1961
<b>Total apportioned obligations<sup>1</sup></b>	<b>2,738</b>	<b>2,3,072</b>	<b>3,473</b>	<b>3,682</b>	<b>3,920</b>	<b>4,312</b>
Post Office operations.....	2,266	2,543	2,847	3,046	3,170	3,514
Salaries and travel of postmasters and assistants <sup>2</sup> .....	240	278	319	361	378	425
Salaries and travel of clerks, etc.....	826	906	1,017	<sup>4</sup> 1,200	1,230	1,388
City delivery service.....	535	631	728	783	814	<sup>6</sup> 917
Rural delivery service.....	195	200	227	245	253	273
Postal transportation service.....	180	192	212	<sup>6</sup> 104	101	103
All other.....	281	327	344	353	385	408
Transportation of mails.....	420	<sup>2</sup> 468	492	508	535	574
Railroad.....	297	<sup>2</sup> 318	336	335	341	352
Star route.....	40	42	44	47	53	59
Short haul truck.....	9	12	13	14	17	19
Domestic water transportation.....	3	3	3	3	4	5
Highway post offices.....	4	5	6	6	7	6
Domestic airmail.....	34	38	40	44	49	56
Foreign airmail.....	27	31	33	41	44	56
Other foreign mail <sup>7</sup> .....	16	18	19	19	21	21
Claims and miscellaneous.....	6	6	7	7	8	9
General administration and overhead apportioned.....	38	55	127	120	207	215

<sup>1</sup> Before allowance for reimbursements, embossed envelope purchases, indemnity claims, and miscellaneous revenue and expenditure offsets.

<sup>2</sup> Obligations for 1957 have been increased by \$26 million for retroactive increase in rail rates for eastern roads granted by the Interstate Commerce Commission in 1953.

<sup>3</sup> Includes supervisors.

<sup>4</sup> Includes stationary postal transportation service employees.

<sup>5</sup> Excludes vehicle service drivers. <sup>6</sup> Mobile units only.

<sup>7</sup> Includes terminal and transportation charges by foreign countries.

Source: Post Office Department; *Cost Ascertainment Report*.

**No. 686. POST OFFICES, BY STATES AND FOR OTHER AREAS: 1959 TO 1961**  
 [For years ending June 30]

STATE OR OTHER AREA	1959	1960	1961	STATE OR OTHER AREA	1959	1960	1961
<b>Total</b> .....	<b>35,750</b>	<b>35,238</b>	<b>34,955</b>	<b>South Atlantic—Con.</b>			
<b>United States</b> .....	<b>35,630</b>	<b>35,118</b>	<b>34,837</b>	South Carolina.....	437	435	433
<b>New England</b> .....	<b>2,089</b>	<b>2,068</b>	<b>2,051</b>	Georgia.....	723	714	708
Maine.....	608	599	591	Florida.....	525	514	505
New Hampshire.....	300	297	295	<b>East South Central</b> .....	<b>3,637</b>	<b>3,575</b>	<b>3,543</b>
Vermont.....	325	323	322	Kentucky.....	1,608	1,643	1,624
Massachusetts.....	525	519	515	Tennessee.....	658	651	645
Rhode Island.....	62	62	62	Alabama.....	754	738	734
Connecticut.....	269	268	266	Mississippi.....	557	543	540
<b>Middle Atlantic</b> .....	<b>4,449</b>	<b>4,394</b>	<b>4,365</b>	<b>West South Central</b> .....	<b>3,840</b>	<b>3,797</b>	<b>3,778</b>
New York.....	1,708	1,767	1,751	Arkansas.....	809	795	791
New Jersey.....	564	553	549	Louisiana.....	598	593	587
Pennsylvania.....	2,117	2,084	2,065	Oklahoma.....	723	718	713
<b>East North Central</b> .....	<b>5,169</b>	<b>5,121</b>	<b>5,100</b>	Texas.....	1,710	1,691	1,687
Ohio.....	1,188	1,169	1,157	<b>Mountain</b> .....	<b>2,524</b>	<b>2,480</b>	<b>2,455</b>
Indiana.....	833	823	820	Montana.....	462	439	435
Illinois.....	1,372	1,365	1,364	Idaho.....	332	321	317
Michigan.....	938	933	931	Wyoming.....	227	222	218
Wisconsin.....	838	831	828	Colorado.....	479	475	474
<b>West North Central</b> .....	<b>5,580</b>	<b>5,525</b>	<b>5,498</b>	New Mexico.....	406	404	403
Minnesota.....	951	943	941	Arizona.....	244	242	235
Iowa.....	1,033	1,026	1,024	Utah.....	260	266	265
Missouri.....	1,160	1,142	1,139	Nevada.....	115	111	108
North Dakota.....	544	540	539	<b>Pacific</b> .....	<b>2,676</b>	<b>2,617</b>	<b>2,583</b>
South Dakota.....	482	476	472	Washington.....	589	583	574
Nebraska.....	613	608	604	Oregon.....	450	431	422
Kansas.....	797	790	779	California.....	1,328	1,305	1,290
<b>South Atlantic</b> .....	<b>5,666</b>	<b>5,541</b>	<b>5,464</b>	Alaska.....	218	215	215
Delaware.....	61	61	61	Hawaii.....	85	83	82
Maryland.....	493	486	484	<b>Other</b> .....	<b>120</b>	<b>120</b>	<b>118</b>
Dist. of Columbia.....	1	1	1	Puerto Rico.....	105	105	103
Virginia.....	1,281	1,228	1,195	Virgin Islands.....	5	5	5
West Virginia.....	1,300	1,267	1,247	Other areas <sup>1</sup> .....	10	10	10
North Carolina.....	845	835	830				

<sup>1</sup> Comprises Canton Island, Guam, Samoa (Tutulla), and Wake, Caroline, Mariana, and Marshall Islands.

Source: Post Office Department; *Annual Report of the Postmaster General*.

## No. 687. POST OFFICE MAIL, BY CLASSES: 1950 TO 1961

[For years ending June 30. Includes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series R 145-100]

CLASS OF MAIL	1950	1955	1957	1958	1959	1960	1961
PIECES OF MAIL (1,000,000)							
All mail	45,064	55,234	59,078	60,130	61,247	63,675	64,933
Domestic	44,646	54,722	58,519	59,595	60,694	63,115	64,359
1st class	24,500	28,713	31,561	32,218	32,274	33,235	34,289
Airmail	853	1,467	1,483	1,435	1,368	1,356	1,453
2d class	6,265	6,740	6,888	7,148	7,090	7,534	7,966
3d class	10,343	15,050	15,702	15,849	16,978	17,910	17,569
4th class (parcel post)	1,179	1,136	1,184	1,170	1,038	1,016	978
Publications	( <sup>1</sup> )	85	125	145	126	125	153
Penalty	1,472	1,480	1,510	1,560	1,721	1,826	1,860
Franked	32	48	61	67	86	109	86
Free for blind	2	3	4	4	4	5	5
International	417	512	559	534	553	560	574
Regular mail <sup>2</sup>	100	235	240	224	215	212	197
Parcel post	9	8	9	8	9	9	8
U.S.A. gift parcels	12					145	150
Publishers' 2d class	85	110	120	120	138	145	150
Airmail <sup>3</sup>	121	157	188	181	190	193	209
Air parcel post	1	1	1	1	1	1	1
WEIGHT OF MAIL (1,000,000 pounds)							
All mail	11,521	10,844	11,071	11,119	11,332	11,689	11,342
Domestic	11,176	10,668	10,893	10,945	11,150	11,500	11,162
1st class	620	804	905	921	920	955	996
Airmail	53	85	95	92	97	103	112
2d class	2,287	2,582	2,716	2,695	2,708	2,883	2,900
3d class	646	892	940	988	1,156	1,277	1,280
4th class (parcel post)	7,370	6,035	5,931	5,861	5,897	5,879	5,436
Publications	( <sup>1</sup> )	44	63	69	58	63	68
Penalty	183	201	206	289	291	305	335
Franked	5	5	5	6	8	9	7
Free for blind	12	20	23	24	25	26	28
International	345	177	179	174	182	189	180
Regular mail <sup>2</sup>	25	33	33	33	31	36	32
Parcel post	95	82	82	76	79	77	68
U.S.A. gift parcels	177					60	69
Publishers' 2d class	43	54	55	57	63	7	8
Airmail <sup>3</sup>	4	6	7	6	7	7	7
Air parcel post	1	1	2	2	2	3	3

<sup>1</sup> Included with 3d and 4th class. <sup>2</sup> Comprises letters, cards, and other articles.

Source: Post Office Department; *Cost Ascertainment Report*.

## No. 688. POST OFFICE EMPLOYEES, BY TYPE: 1950 TO 1961

[As of June 30. Includes Alaska and Hawaii. Includes classified and war-service regular employees of all activities. See also *Historical Statistics, Colonial Times to 1957*, series R 161, for total employees]

TYPE	1950	1955	1957	1958	1959	1960	1961
Total	500,578	511,613	521,198	538,416	549,951	562,868	582,447
Full time	363,774	366,901	379,721	392,599	402,776	403,987	423,739
Departmental (bureaus and offices)	1,775	1,530	1,300	1,329	1,389	1,481	1,521
Regional <sup>1</sup>		2,599	6,679	6,277	6,094	6,491	6,314
Postmasters	41,464	38,316	37,012	36,221	35,595	35,165	34,866
Post Office supervisors	23,540	20,607	21,755	23,268	25,930	27,070	27,878
Post Office clerks and mail handlers	141,092	128,457	132,097	138,264	171,018	171,914	180,077
City carriers <sup>2</sup>	90,216	91,418	97,284	102,083	106,285	109,749	118,908
Rural carriers	32,553	32,022	31,615	31,411	31,296	31,296	31,269
Postal transportation	27,126	20,224	27,611	29,056	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Custodial service	15,743	13,338	13,835	13,895	14,373	14,969	15,665
All other	10,265	9,390	10,533	10,705	10,796	10,852	7,241
Part time (field)	136,804	144,712	141,477	145,817	147,175	153,881	158,708

<sup>1</sup> Comprises regional office and disbursement personnel, money order center, and supply center personnel, and beginning 1958, mailbag repair center and mailbag depository personnel formerly reported under Post Office clerks and mail handlers. 1960 includes mail equipment shops, cartography, and equipment examiners formerly reported under "All other."

<sup>2</sup> Assistant postmasters only.

<sup>3</sup> Includes Post Office supervisors.

<sup>4</sup> Postal transportation employees included in Post Office clerks and mail handlers, and in Post Office supervisors.

<sup>5</sup> Includes village carriers through 1955.

Source: Post Office Department; *Annual Report of the Postmaster General*.

## No. 689. TELEPHONES, CALLS, AND RATES: 1940 TO 1961

[Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series R 1-13]

ITEM	1940	1950	1956	1957	1958	1959	1960	1961
Telephones (Dec. 31).....1,000.....	21,928	43,004	60,190	63,024	66,645	70,558	74,057	77,108
Total per 1,000 population.....	105.1	280.9	354.5	308.3	379.4	395.0	408.1	418.2
Bell companies <sup>1</sup> .....1,000.....	18,311	36,795	51,844	54,241	56,760	60,110	62,089	65,508
Dial operated <sup>1</sup> .....do.....	10,915	27,893	46,089	49,328	53,332	57,006	61,144	64,253
Independent companies.....do.....	3,617	6,209	8,346	9,383	9,886	10,448	11,060	11,600
Average daily conversations (1,000):								
Bell companies <sup>1,2</sup> .....	82,367	144,990	183,863	193,794	202,461	214,040	225,385	232,869
Local <sup>1</sup> .....	79,515	138,881	175,848	185,804	193,627	204,401	215,317	222,320
Long distance <sup>1,2</sup> .....	2,852	6,118	8,015	8,490	8,834	9,549	10,068	10,539
Independent companies <sup>1</sup> .....	16,042	30,205	43,881	45,777	49,837	53,875	58,456	61,484
Local.....	16,484	29,078	41,863	44,175	48,192	52,097	56,408	59,393
Long distance <sup>1,2</sup> .....	508	1,217	1,518	1,602	1,645	1,778	1,988	2,091
Toll rates in effect (Dec. 31), from New York City to: <sup>3</sup>								
Philadelphia.....	\$0.45	\$0.45	\$0.50	\$0.50	\$0.50	\$0.50	\$0.50	\$0.50
Chicago.....	1.90	1.55	1.50	1.50	1.50	1.45	1.45	1.45
Denver.....	3.25	2.20	2.20	2.20	2.20	1.95	1.80	1.80
San Francisco.....	4.00	2.50	2.50	2.50	2.50	2.25	2.25	2.25

<sup>1</sup> Comprises American Telephone and Telegraph Company and its principal telephone subsidiaries, which constitute the Bell Telephone System, plus Southern New England and Cincinnati and Suburban Bell Telephone Companies, together with telephones serviced by these companies.

<sup>2</sup> Includes messages originating in independent company areas routed in part over Bell facilities.

<sup>3</sup> Source: Federal Communications Commission. Represents rate for station-to-station, daytime, 3-minute call.

Source: American Telephone and Telegraph Company, New York, N.Y., except as noted; compiled from annual reports of A.T. & T. Co. and its principal telephone subsidiaries, and Southern New England and Cincinnati and Suburban Companies, and other records.

## No. 690. BELL TELEPHONE COMPANIES—SUMMARY: 1940 TO 1961

[As of December 31 or calendar year, as applicable. Includes Alaska and Hawaii. Comprises American Telephone and Telegraph Company and its principal telephone subsidiaries, which constitute the Bell Telephone System, plus Southern New England and Cincinnati and Suburban Bell Telephone Companies. See also *Historical Statistics, Colonial Times to 1957*, series R 14-27]

ITEM	1940	1950	1956	1957	1958	1959	1960	1961
Central offices, number.....	7,189	8,656	10,255	10,563	10,807	10,987	11,212	11,440
Miles of wire <sup>1</sup> .....1,000.....	91,274	144,256	220,154	243,729	260,464	282,287	307,876	327,319
Percent total wire mileage in cable.....	95.8	96.6	97.4	97.5	97.6	97.7	97.8	97.9
Miles of coaxial tube.....		62,741	82,435	88,484	90,442	94,093	96,783	105,597
Miles of microwave radio relay, broad band 1-way channel.....		7,517	143,470	179,267	230,788	252,652	298,091	365,167
Book value of plant (cost) \$1,000,000.....	4,887	10,375	17,556	19,654	21,225	22,819	24,722	26,587
Depreciation and amortization reserves.....\$1,000,000.....	1,397	2,905	4,220	4,487	4,760	5,085	5,402	5,750
Operating revenues.....do.....	1,206	3,342	5,966	6,468	6,938	7,572	8,111	8,616
Local exchange.....do.....	811	1,997	3,458	3,744	4,049	4,362	4,665	4,921
Toll.....do.....	361	1,208	2,220	2,407	2,543	2,843	3,058	3,284
Operating expenses <sup>2</sup> .....do.....	913	2,653	4,439	4,790	4,912	5,235	5,586	5,905
Federal income taxes.....do.....	64	248	714	773	940	1,080	1,172	1,245
Interest expense.....do.....	43	115	148	177	216	227	263	289
Net income.....do.....	224	370	797	873	1,006	1,176	1,270	1,355
Dividends declared <sup>3</sup> .....do.....	180	263	547	608	649	731	770	871
Employees, number.....	282,224	534,751	653,074	656,100	666,340	597,107	594,860	581,245
Wages and salaries.....\$1,000,000.....	522	1,742	2,884	3,043	3,029	3,138	3,283	3,261

<sup>1</sup> Excludes drop and block wire.

<sup>2</sup> Includes operating taxes other than Federal income.

<sup>3</sup> Includes dividends on all minority holdings of preferred and common stocks, but excludes intercompany dividends.

Source: American Telephone and Telegraph Company, New York, N.Y.; compiled from annual reports of A.T. & T. Co., and its principal telephone subsidiaries, and Southern New England and Cincinnati and Suburban Companies, and other records.

## No. 691. INDEPENDENT TELEPHONE COMPANIES—SUMMARY: 1940 TO 1960

[As of December 31 or calendar year, as applicable. Includes reporting companies in Hawaii for all years; beginning 1950, Puerto Rico; and beginning 1957, 3 of the 13 companies in Alaska. Covers only those companies submitting operating information to the U.S. Independent Telephone Association; in 1960, reporting companies represented 85 percent of the independent telephones in service. See also *Historical Statistics, Colonial Times to 1957*, series R 28-42]

ITEM	1940	1950	1956	1957	1958	1959	1960
Reporting companies, number.....	218	379	437	477	504	533	550
Number of telephones (incl. service telephones).....							
1,000.....	2, 194	4, 922	7, 395	7, 929	8, 434	9, 032	9, 718
do.....	(2)	9, 176	17, 478	20, 502	22, 667	25, 188	28, 594
Miles of wire <sup>1</sup> .....	375	878	1, 927	2, 271	2, 609	2, 968	3, 396
Telephone plant in service, book value..\$1,000,000.....	85	203	365	410	461	522	600
Depreciation reserves.....	81	270	571	634	704	801	906
Operating revenues.....	60	171	371	412	460	519	585
Local exchange.....	19	92	179	199	217	254	289
Toll.....	61	211	402	454	503	560	630
Operating expenses <sup>2</sup> .....	(2)	19	67	69	76	94	107
Federal income taxes.....	6	12	26	35	43	48	57
Interest expense.....	13	29	77	80	86	103	117
Net income.....	(2)	(2)	52	58	63	72	81
Dividends declared.....							
Employees.....	(2)	63	78	81	81	82	85
Wages and salaries.....\$1,000,000.....	(2)	147	261	293	310	331	359

<sup>1</sup> Miles of open wire and miles of wire in aerial, underground, and other cable.

<sup>2</sup> Not available. <sup>3</sup> Excludes Federal income taxes.

Source: United States Independent Telephone Association, Washington, D.C.; annual report, *Statistics of the Independent Telephone Industry* (copyright).

## No. 692. TELEPHONE SYSTEMS—SUMMARY, CLASS A CARRIERS: 1930 TO 1960

[All money figures in millions. Includes Hawaii and Puerto Rico; no class A carriers in Alaska. Excludes inter-company duplications. Covers class A telephone carriers filing annual reports with FCC. Class A carriers are those whose annual operating revenues exceeded \$100,000 for years prior to 1952, and \$250,000 thereafter; comparability of data relatively unaffected by change in coverage. Gross operating revenues of class A carriers (excluding intercompany duplications of Bell System) reporting in 1960 represented approximately 92 percent of revenues of all telephone carriers as estimated by U.S. Independent Telephone Association]

YEAR	Miles of wire (1,000)	Tele-phones (1,000)	Employ-ees, number <sup>1</sup>	Total compen-sation	YEAR	Miles of wire (1,000)	Tele-phones (1,000)	Employ-ees, number <sup>1</sup>	Total compen-sation
1930.....	80,660	17,139	347,106	<sup>2</sup> \$556	1954.....	188,839	46,482	614,369	\$2,497
1935.....	82,578	15,157	265,699	403	1955.....	204,879	49,753	648,827	2,693
1940.....	93,688	19,336	304,595	537	1956.....	224,513	53,251	683,020	2,954
1945.....	104,383	24,814	398,263	936	1957.....	249,221	56,436	686,959	3,122
1950.....	147,380	38,525	564,064	1,708	1958.....	266,746	59,167	637,025	3,115
1952.....	164,776	42,404	615,141	2,201	1959.....	289,093	62,683	627,127	3,230
1953.....	175,920	44,363	625,832	2,379	1960.....	315,641	65,735	626,684	3,384

YEAR	Number of carriers	Invest-ment in telephone plant	DEPRECIATION AND AMORTIZATION RESERVES		Operating revenues	Operating ratio <sup>3</sup> (percent)	Taxes	Net operating income after all tax deductions	Net income	Divi-dends declared
			Amount	Ratio to investment (percent)						
1935 <sup>4</sup> .....	91	\$4,472	\$1,106	24.74	\$673	60.65	\$90	\$196	\$151	\$187
1940.....	78	5,071	1,438	28.35	1,243	65.33	194	237	221	185
1945.....	76	6,057	2,167	35.77	2,087	65.89	421	274	191	193
1950.....	71	10,072	2,979	27.84	3,445	71.62	526	455	372	270
1952.....	54	12,609	3,411	27.06	4,229	70.63	738	504	421	346
1953.....	54	13,750	3,618	26.31	4,628	69.64	838	507	497	399
1954.....	52	14,899	3,836	25.75	5,013	68.55	929	648	570	450
1955.....	53	16,224	4,098	25.26	5,562	66.60	1,094	764	694	498
1956.....	56	18,081	4,332	23.96	6,122	66.39	1,218	840	783	563
1957.....	54	20,317	4,607	22.68	6,642	65.89	1,331	934	861	626
1958.....	54	21,098	4,898	22.27	7,140	62.47	1,558	1,122	1,002	670
1959.....	58	23,693	5,240	22.12	7,799	60.62	1,773	1,297	1,159	754
1960.....	52	25,714	5,577	21.69	8,365	60.07	1,941	1,399	1,250	796

<sup>1</sup> As of Dec. 31 prior to 1945; end of October, thereafter. <sup>2</sup> Includes estimates.

<sup>3</sup> Ratio of operating expenses (excluding all taxes) to operating revenues.

<sup>4</sup> Not exactly comparable with later years because of revisions of Uniform System of Accounts, effective Jan. 1, 1937.

Source: Federal Communications Commission; annual report, *Statistics of Communications Common Carriers* (prior to 1957 titled *Statistics of the Communications Industry in the United States*).

# No. 693. TELEPHONE SYSTEMS—SELECTED DATA OF CLASS A CARRIERS, BY STATES AND FOR PUERTO RICO: 1960

[For year ending December 31. Represents class A carriers (those having annual operating revenues exceeding \$250,000) reporting to Federal Communications Commission; no class A carriers in Alaska.]

STATE OR OTHER AREA	Miles of wire in cable <sup>1</sup>	Miles of aerial wire	Central offices	NUMBER OF CALLS ORIGINATING FROM COMPANY AND SERVICE TELEPHONES <sup>2</sup>		COMPANY TELEPHONES <sup>3</sup>		
				Local	Toll	Total	Business	Residence
Total.....	1,000 368,063	1,000 7,538	12,746	1,000 101,300,804	1,000 3,942,466	1,000 65,063	1,000 18,505	1,000 46,558
United States.....	307,672	7,526	12,680	101,117,157	3,938,076	64,980	18,456	46,524
Alabama.....	3,061	203	148	1,664,508	29,227	745	179	508
Arizona.....	2,610	89	101	708,800	17,620	439	147	292
Arkansas.....	1,664	142	134	654,714	19,943	340	103	246
California.....	34,038	358	961	9,797,894	344,289	6,365	1,998	4,307
Colorado.....	3,231	156	226	1,197,600	32,896	778	240	538
Connecticut.....	6,739	98	105	1,746,625	123,055	1,302	355	947
Delaware.....	1,065	20	36	279,461	15,960	218	62	156
Dist. of Col.....	2,324	-----	39	963,906	21,405	642	302	340
Florida.....	8,142	136	134	2,332,100	68,010	1,368	457	911
Georgia.....	5,500	273	250	2,293,672	54,490	1,121	301	820
Hawaii.....	587	15	68	413,908	1,255	208	62	146
Idaho.....	648	88	115	343,407	12,020	208	60	148
Illinois.....	20,510	173	494	5,047,638	278,019	4,020	1,216	2,804
Indiana.....	7,050	185	334	2,540,140	94,199	1,554	403	1,151
Iowa.....	2,658	175	205	1,132,706	38,362	767	188	571
Kansas.....	3,422	167	223	1,079,200	31,516	728	188	540
Kentucky.....	2,605	203	227	1,223,563	30,649	620	150	479
Louisiana.....	4,065	160	240	2,420,160	46,594	1,016	265	751
Maine.....	1,270	88	145	403,300	19,042	293	77	216
Maryland.....	6,768	146	224	1,806,700	58,182	1,300	319	981
Massachusetts.....	10,310	133	381	3,359,400	181,919	2,304	668	1,696
Michigan.....	14,442	387	637	5,393,400	161,902	3,238	811	2,427
Minnesota.....	4,760	173	225	1,893,500	36,891	1,120	299	821
Mississippi.....	1,003	184	214	603,124	26,672	432	112	320
Missouri.....	7,506	200	307	2,409,666	81,235	1,487	420	1,067
Montana.....	596	97	122	327,061	10,561	216	63	153
Nebraska.....	1,279	70	128	527,700	16,239	335	91	244
Nevada.....	357	37	28	83,024	4,450	59	23	36
New Hampshire.....	818	60	120	256,600	20,435	216	55	160
New Jersey.....	14,089	85	317	3,371,695	501,659	2,932	752	2,180
New Mexico.....	1,177	76	83	474,571	14,758	280	97	183
New York.....	36,777	218	977	11,422,756	486,304	8,194	2,556	6,638
North Carolina.....	4,767	293	279	1,827,578	53,487	938	252	686
North Dakota.....	335	77	148	244,100	7,984	135	39	96
Ohio.....	15,471	290	635	5,286,615	168,421	3,468	876	2,592
Oklahoma.....	3,932	186	250	1,427,000	46,891	818	243	675
Oregon.....	2,055	102	207	1,070,638	38,884	668	193	475
Pennsylvania.....	18,058	193	540	5,437,040	269,807	4,303	1,073	3,230
Rhode Island.....	1,728	22	48	530,315	24,628	364	96	258
South Carolina.....	2,054	145	130	980,707	21,830	483	130	363
South Dakota.....	509	93	138	274,400	8,654	178	48	130
Tennessee.....	5,157	270	200	2,467,753	42,835	1,074	273	796
Texas.....	18,665	465	818	6,048,768	152,425	3,146	964	2,182
Utah.....	1,350	59	92	672,100	13,650	343	93	250
Vermont.....	424	48	89	140,900	9,903	117	32	85
Virginia.....	6,379	216	263	1,876,644	56,579	1,129	312	817
Washington.....	5,115	162	288	1,810,400	56,459	1,132	316	816
West Virginia.....	2,172	103	175	891,897	30,992	496	126	370
Wisconsin.....	5,309	154	183	1,496,300	48,284	1,160	327	823
Wyoming.....	476	53	70	173,800	7,085	125	38	87
Puerto Rico.....	331	12	66	183,647	4,390	83	40	34

<sup>1</sup> Excludes ocean cable.

<sup>2</sup> Partly estimated.

<sup>3</sup> Comprises main, P. B. X. (those directly connected with private branch exchanges), and extension telephones.

Source: Federal Communications Commission; annual report, *Statistics of Communications Common Carriers* (prior to 1957 titled *Statistics of the Communications Industry in the United States*).

# No. 694. RURAL ELECTRIFICATION ADMINISTRATION—TELEPHONE PROGRAM, SUMMARY OF OPERATIONS: 1950 TO 1961

[Beginning 1955, includes Alaska]

ITEM	1950	1955	1957	1958	1959	1960	1961
Loans approved, cumulative, Dec. 31: <sup>1</sup>							
Borrowers.....	61	415	576	638	686	727	768
Amount.....\$1,000..	18,831	273,680	426,093	526,540	633,180	736,805	855,751
Route miles of line provided for, cumulative, Dec. 31	21,408	178,633	258,590	297,322	338,644	377,754	420,841
To be added <sup>2</sup> .....	19,833	163,484	224,515	257,392	292,922	326,716	366,676
To be retained <sup>3</sup> .....	1,575	15,149	34,075	39,930	45,722	51,038	55,165
Subscribers provided for, cumulative, Dec. 31.....	74,585	606,894	928,861	1,100,234	1,288,856	1,466,998	1,666,719
To receive initial service.....	45,449	310,700	427,321	495,994	578,851	672,677	794,027
To receive improved service.....	29,136	296,194	501,540	604,240	710,005	794,321	872,692
Borrowers' operations:							
Borrowers reporting, Dec. 31.....	(4)	285	515	588	649	605	678
Subscribers served, Dec. 31.....	(4)	283,581	604,702	778,458	958,896	1,142,004	1,220,014
Telephones in service, Dec. 31.....	(4)	303,823	655,094	852,803	1,062,574	1,280,270	1,376,831
Total operating revenues during year.....\$1,000..	(4)	16,359	40,835	55,830	73,490	93,581	102,440

<sup>1</sup> Net loans (recissions deducted).<sup>2</sup> Route miles of line to be constructed or rebuilt.<sup>3</sup> Excludes route miles of line to be rebuilt.<sup>4</sup> Not available.<sup>5</sup> As of June 30.<sup>6</sup> For 12 months ending June 30.Source: Department of Agriculture, Rural Electrification Administration; annual report, *Agricultural Statistics*.

# No. 695. RADIO AND OCEAN-CABLE TELEPHONE SERVICE, BY CLASS: 1958 TO 1960

[In thousands. Includes Hawaii. For 1960, covers radio and ocean-cable telephone service offered by 35 of the 52 class A telephone carriers; in addition, service between fixed stations and marine service with revenue amounting to \$1,986,390 is offered by 3 radio-telegraph carriers, 1 cable carrier, and 1 class B telephone carrier, details for which were not reported]

CLASS OF SERVICE	1958		1959		1960	
	Number of chargeable calls	Gross revenues	Number of chargeable calls	Gross revenues	Number of chargeable calls	Gross revenues
<b>FIXED STATIONS AND OCEAN-CABLE</b>						
Message service, total.....	2,802	\$28,914	3,203	\$34,436	3,839	\$43,886
Overseas, total.....	2,427	27,841	2,780	33,110	3,301	42,322
Bermuda and trans-Atlantic.....	773	10,142	868	12,074	1,129	16,795
Central and South American and Caribbean.....	1,156	9,895	1,228	10,583	1,472	13,221
Trans-Pacific.....	498	7,803	610	10,353	700	12,306
Within Hawaii.....	375	1,073	467	1,326	538	1,564
Private line service, overseas.....		1,479		3,442		5,623
<b>MOBILE STATIONS</b>						
Marine service to mobile stations.....	678	1,240	678	1,254	665	1,240
General service.....	621	1,191	622	1,206	627	1,205
Dispatching service.....	57	49	56	48	38	35
Domestic public land mobile radio services <sup>2</sup> .....	4,141	6,485	4,638	6,971	4,569	6,956
General service.....	3,499	5,604	3,958	6,107	3,903	6,143
Direct dispatching service.....	570	795	612	773	577	665
Signalling or paging service.....	72	85	68	91	89	148
Private mobile radiotelephone systems.....		8,779		7,849		5,205

<sup>1</sup> Includes telephone calls between Hawaii and Puerto Rico and coterminous U.S., which are classified as international.<sup>2</sup> In addition, there were in operation other mobile radio systems, of which most were operated by small miscellaneous common carriers. As of Dec. 31, 1958, 1959, and 1960, there were, respectively, 438, 463, and 489 such systems, with gross operating revenues of \$3,378,350, \$3,819,446, and \$4,100,000.Source: Federal Communications Commission; annual report, *Statistics of Communications Common Carriers* (prior to 1957 titled *Statistics of the Communications Industry in the United States*).

### No. 696. DOMESTIC AND INTERNATIONAL TELEGRAPH CARRIERS—SUMMARY: 1940 TO 1960

[Figures cover principal carriers filing annual reports with Federal Communications Commission. See also *Historical Statistics, Colonial Times to 1957*, series R 53-65, for domestic, and series R 72-85, for international telegraph data]

ITEM	1940	1950	1957	1958	1959	1960
<b>DOMESTIC TELEGRAPH <sup>1</sup></b>						
Number of carriers.....	2	1	1	1	1	1
Investment in plant and equipment.....\$1,000..	375,021	294,451	350,860	304,498	380,216	398,023
Revenue messages transmitted <sup>2</sup> .....1,000..	191,645	178,904	143,947	131,867	130,993	124,319
Message revenues.....\$1,000..	97,906	152,248	194,249	185,156	194,012	189,789
Total operating revenues.....do.....	114,587	177,994	245,549	240,729	260,849	262,365
Operating income <sup>3</sup> .....do.....	3,731	8,664	11,336	10,608	14,087	11,247
Miles of wire in cable.....1,000..	449	369	391	398	399	417
Miles of aerial wire.....do.....	1,820	929	687	677	659	647
Number of employees <sup>4</sup> .....	59,670	40,482	36,467	33,620	33,151	32,055
Total compensation.....\$1,000..	74,736	116,937	159,157	154,032	159,842	164,524
<b>INTERNATIONAL TELEGRAPH <sup>5</sup></b>						
Ocean-cable:						
Number of carriers.....	5	4	3	3	3	3
Investment in plant and equipment.....\$1,000..	111,129	97,283	96,324	97,515	99,323	98,558
Revenue messages transmitted <sup>2</sup> .....1,000..	7,067	9,969	10,647	10,460	10,807	11,186
Message revenues.....\$1,000..	16,733	20,231	23,398	23,814	26,673	29,691
Total operating revenues.....do.....	17,840	24,249	35,442	35,095	36,599	36,160
Operating income <sup>3</sup> .....do.....	1,434	1,937	955	2,086	1,902	617
Miles (nautical) of ocean cable.....1,000..	95	88	76	76	75	71
Miles of wire in non-ocean cable.....do.....	8	8	7	14	14	14
Number of aerial wire.....do.....	8	7	7	7	7	6
Number of employees <sup>4</sup> .....	4,534	5,495	6,101	5,912	5,868	5,614
Total compensation.....\$1,000..	6,602	12,031	17,875	17,728	17,853	19,085
Radiotelegraph:						
Number of carriers.....	8	7	6	6	6	6
Investment in plant and equipment.....\$1,000..	30,886	38,885	53,115	56,924	58,234	65,240
Revenue messages transmitted <sup>2</sup> .....1,000..	8,952	12,609	17,191	16,460	17,326	17,092
Message revenues.....\$1,000..	12,537	22,239	31,434	30,818	33,278	33,295
Total operating revenues.....do.....	14,217	25,684	41,403	42,216	47,778	50,807
Operating income <sup>3</sup> .....do.....	2,259	1,867	4,261	3,285	4,935	4,993
Number of employees <sup>4</sup> .....	3,549	5,264	5,401	5,270	5,371	5,397
Total compensation.....\$1,000..	6,207	18,209	24,119	25,127	26,678	28,551

<sup>1</sup> Covers telegrams between coterminous U.S. and Alaska.

<sup>2</sup> Principally as estimated by reporting carriers on basis of actual counts for test periods.

<sup>3</sup> Beginning 1950, press messages included on unequated basis; equated basis for 1940.

<sup>4</sup> After recorded provision for Federal income taxes including those on noncommunications activities.

<sup>5</sup> 1940, end of December; thereafter, end of October.

<sup>6</sup> Covers Hawaii and Puerto Rico and also international telegrams originating or terminating in Alaska.

Source: Federal Communications Commission; annual report, *Statistics of Communications Common Carriers* (prior to 1957 titled *Statistics of the Communications Industry in the United States*).

### No. 697. WESTERN UNION TELEGRAPH COMPANY—LINE AND WIRE MILEAGE, OFFICES, AND FINANCES: 1930 TO 1961

[As of December 31. Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1967*, series R 42-53, for related but not comparable data]

YEAR	Miles of pole line and cable <sup>1</sup>	Miles of wire <sup>1</sup>	Channel miles in telegraph circuits <sup>2</sup>	Number of offices <sup>3</sup>	Receipts	Expenses	Net income
	1,000	1,000	1,000		\$1,000	\$1,000	\$1,000
1930.....	257	1,949	4	24,268	133,236	123,988	9,248
1935.....	255	1,906	4	20,064	91,389	86,131	5,258
1940.....	249	1,915	27	19,140	101,278	97,656	3,622
1945.....	276	2,291	150	18,687	194,271	189,837	4,435
1950.....	132	1,338	1,788	16,202	187,821	180,501	7,320
1955.....	112	1,137	3,622	12,398	243,392	230,321	13,041
1956.....	111	1,125	4,023	11,956	254,161	240,390	13,771
1957.....	111	1,116	4,188	11,401	261,977	249,348	12,629
1958.....	110	1,114	4,446	10,515	256,982	245,055	11,927
1959.....	109	1,097	4,652	9,301	278,794	262,294	16,500
1960.....	109	1,102	4,855	8,370	277,260	265,758	11,502
1961.....	108	1,082	5,144	7,501	279,459	269,444	10,015

<sup>1</sup> Pole and wire mileages reflect acquisition, on Oct. 7, 1943, of facilities of Postal Telegraph Companies.

<sup>2</sup> In use chiefly on the company's trunk lines through 1950; beginning 1955, all telegraph circuits.

<sup>3</sup> Excludes agency and commission offices, numbering 9,583 on Dec. 31, 1961.

Source: Western Union Telegraph Company, New York, N. Y.



**No. 698. DOMESTIC TELEGRAPH AND TELETYPEWRITER (TWX) RATES, INTERNATIONAL CABLE AND RADIOTELEGRAPH RATES, AND INTERNATIONAL TELEPHONE RATES BETWEEN NEW YORK CITY AND SELECTED CITIES: 1919 to 1962**

[See also *Historical Statistics, Colonial Times to 1957*, series R 68-71 and R 86-89]

EFFECTIVE DATE	BETWEEN NEW YORK CITY AND—				EFFECTIVE DATE	BETWEEN NEW YORK CITY AND—			
	Phila- delphia	Chicago	Denver	San Francisco		London	Cairo	Tokyo	Buenos Aires
<b>TELEGRAPH RATES <sup>1</sup></b>					<b>INTERNATIONAL CABLE AND RADIO- TELEGRAPH RATES <sup>4</sup></b>				
1919, April 1.....	\$0.30	\$0.60	\$0.90	\$1.20	1940.....	\$0.20	\$0.42	\$0.72	\$0.42
1946, June 12.....	.33	.66	.99	1.32	1943, August 16.....	.20	.42	.72	.26
1946, December 29.....	.36	.72	1.08	1.44	1945, May 1.....	.20	.42	.24	.20
1950, February 1.....	.40	.75	1.25	1.45	1946, May 1.....	.20	.30	.20	.20
1951, September 1.....	.60	1.00	1.45	1.60	1947, August 5.....	.25	.30	.30	.22
1952, July 6.....	.65	1.10	1.55	1.70	1948, April 28.....	.25	.30	.30	.28
1954, July 15.....	.85	1.25	1.70	1.70	1949, February 2.....	.25	.40	.40	.35
1956, August 26.....	.95	1.30	1.75	1.75	1950, July 1.....	.19	.30	.30	.27
1958, August 1.....	1.05	1.40	1.85	1.85	1958, August 1.....	.21	.34	.34	.31
1960, October 17.....	1.10	1.45	1.90	1.90	In effect Jan. 1, 1962..	.21	.34	.34	.31
In effect Jan. 1, 1962..	1.10	1.45	1.90	1.90	<b>INTERNATIONAL TELEPHONE RATES <sup>5</sup></b>				
<b>TELETYPEWRITER EXCHANGE SERVICE (TWX) RATES <sup>2</sup></b>					1940.....	21.00	30.00	19.50	15.00
1931, November 21 <sup>3</sup> .....	.35	1.10	1.80	2.40	1944.....	21.00	30.00	19.50	12.00
1946, February 1.....	.35	1.05	1.55	1.75	1945.....	12.00	30.00	19.50	12.00
1963, July 1.....	.45	1.20	1.65	1.75	1946.....	12.00	12.00	12.00	12.00
1960, February 7.....	.45	1.15	1.65	1.75	In effect Jan. 1, 1962..	12.00	12.00	12.00	12.00
In effect Jan. 1, 1962..	.45	1.15	1.65	1.75					

<sup>1</sup> Beginning Sept. 1, 1951, minimum charge for 15 text words or less; prior to that, for 10 text words or less.

<sup>2</sup> For 3 minutes or less, 2-way. <sup>3</sup> Beginning of service.

<sup>4</sup> Per plain language telegraph-word, including address and signature. <sup>5</sup> For 3-minute conversations.

Source: Federal Communications Commission; records.

**No. 699. BROADCAST AND OTHER RADIO STATIONS AUTHORIZED AND OPERATORS LICENSED, BY CLASS: 1959, 1960, AND 1961**

[As of June 30. Includes Alaska, Hawaii, Puerto Rico, and Virgin Islands. See also *Historical Statistics, Colonial Times to 1957*, series R 120-126]

CLASS OF STATION OR OPERATOR				CLASS OF STATION OR OPERATOR			
	1959	1960	1961		1959	1960	1961
<b>Safety and special radio services <sup>1</sup></b>	<b>507,171</b>	<b>651,993</b>	<b>770,505</b>	<b>Broadcast services <sup>2</sup></b>	<b>10,120</b>	<b>11,179</b>	<b>13,845</b>
Amateur and disaster services.....	205,588	228,206	234,681	Commercial AM.....	3,500	3,581	3,757
Aviation services.....	77,682	91,180	92,779	Commercial TV.....	637	653	650
Aircraft.....	61,441	72,017	72,612	Educational TV.....	59	64	67
Aeronautical and fixed.....	3,554	3,942	4,339	TV translator.....	245	302	703
Civil air patrol.....	12,006	14,432	14,977	Auxiliary TV.....	991	1,093	1,254
Other.....	681	789	851	Experimental TV.....	20	24	27
Industrial services.....	49,697	64,804	77,773	Commercial FM.....	769	912	1,092
Power.....	11,878	12,427	12,915	Educational FM.....	165	181	199
Business.....	8,861	10,161	28,420	International.....	3	5	4
Petroleum.....	7,341	8,591	8,502	Remote pickup.....	3,630	4,279	4,943
Forest products.....	1,792	1,876	2,045	Studio transmitter link.....	59	65	69
Special industrial.....	19,246	21,901	24,708	Other.....	12	20	1,080
Other.....	579	848	1,183	<b>Common carrier services <sup>1</sup></b>	<b>3,845</b>	<b>4,386</b>	<b>4,959</b>
Land transportation services.....	59,894	137,486	218,181	Point to point micro-wave.....	2,084	2,379	2,643
Citizens.....	49,269	126,084	206,106	Local TV transmission.....	77	77	72
Railroad.....	2,449	3,065	3,490	Rural radio.....	369	473	541
Taxicab.....	4,827	4,935	4,868	Developmental.....	45	51	55
Interurban property.....	1,006	1,861	2,048	Domestic public land mobile.....	1,216	1,350	1,602
Other.....	1,743	1,691	1,680	Fixed public telephone.....	11	12	11
Marine services.....	84,947	97,411	110,433	Fixed public telegraph.....	43	44	35
Ship.....	83,296	95,626	108,576	<b>Radio operators.....</b>	<b>1,897,406</b>	<b>2,154,402</b>	<b>2,498,868</b>
Alaskan.....	1,132	1,240	1,282	Commercial operators.....	1,705,913	1,947,368	2,282,148
Coastal and other.....	519	545	575	Amateur operators.....	191,493	207,034	216,720
Public safety services.....	29,363	32,906	36,658	<b>Experimental services, miscellaneous..</b>	<b>891</b>	<b>728</b>	<b>757</b>
Police.....	13,103	14,039	14,982				
Fire.....	5,283	5,935	6,667				
Forestry conservation.....	3,618	3,667	3,882				
Highway maintenance.....	3,068	3,582	4,150				
Special emergency.....	3,631	3,994	4,400				
Other.....	660	1,689	2,597				

<sup>1</sup> Each license, construction permit, or combination construction permit and license is counted as one station; therefore, a station might include a transmitter and many mobile units.

<sup>2</sup> Stations licensed or holding construction permits.

Source: Federal Communications Commission; *Annual Report*, and records.

### No. 700. COMMERCIAL BROADCAST STATIONS AUTHORIZED AND ON THE AIR: 1945 TO 1962

[As of January 1. Includes Alaska, Hawaii, Puerto Rico, Virgin Islands, and beginning 1956, Guam. Figures differ from those shown in table 701 because of different tabulations. See also *Historical Statistics, Colonial Times to 1967*, series R 60-64, for number of operating stations]

YEAR	TOTAL		AM RADIO		FM RADIO		TELEVISION	
	Author- ized	On the air	Author- ized	On the air	Author- ized	On the air	Author- ized	On the air
1945.....	969	936	908	884	52	46	9	6
1946.....	1,236	967	969	913	253	48	9	6
1947.....	2,221	1,174	1,485	1,027	684	140	62	7
1948.....	3,010	1,977	1,927	1,586	1,010	374	73	17
1949.....	3,182	2,627	2,092	1,877	966	700	124	60
1950.....	3,098	2,881	2,199	2,051	788	733	111	97
1951.....	3,120	2,981	2,317	2,198	703	676	109	107
1952.....	3,132	3,042	2,374	2,297	650	637	108	108
1953.....	3,393	3,098	2,490	2,357	630	616	273	125
1954.....	3,738	3,396	2,602	2,487	580	560	556	349
1955.....	3,864	3,599	2,740	2,635	559	553	565	411
1956.....	4,044	3,772	2,901	2,790	557	540	586	442
1957.....	4,276	3,976	3,091	2,974	554	530	630	471
1958.....	4,803	4,185	3,256	3,156	590	537	657	492
1959.....	4,762	4,374	3,401	3,287	695	578	666	509
1960.....	4,993	4,611	3,487	3,416	838	678	668	517
1961.....	5,269	4,858	3,627	3,507	1,018	821	624	530
1962.....	5,558	5,156	3,788	3,653	1,128	980	642	543

Source: Federal Communications Commission.

### No. 701. COMMERCIAL BROADCAST STATIONS ON THE AIR, BY STATES AND FOR OTHER AREAS: JANUARY 1, 1961

STATE OR OTHER AREA	Total	AM	FM	TV	STATE OR OTHER AREA	Total	AM	FM	TV
<b>Total.....</b>	<b>4,832</b>	<b>3,510</b>	<b>792</b>	<b>530</b>	Montana.....	43	35	-----	8
<b>United States.....</b>	<b>4,785</b>	<b>3,476</b>	<b>787</b>	<b>522</b>	Nebraska.....	51	36	4	11
Alabama.....	139	111	17	11	Nevada.....	23	18	1	4
Alaska.....	19	13	1	5	New Hampshire.....	25	19	5	1
Arizona.....	70	52	10	8	New Jersey.....	37	25	11	-----
Arkansas.....	79	68	6	5	New Mexico.....	55	45	4	6
California.....	311	192	89	30	New York.....	207	133	53	21
Colorado.....	77	59	9	9	North Carolina.....	204	151	42	11
Connecticut.....	50	32	12	6	North Dakota.....	31	20	-----	11
Delaware.....	12	9	3	-----	Ohio.....	171	93	57	21
Dist. of Columbia.....	19	7	8	4	Oklahoma.....	72	54	9	9
Florida.....	206	163	26	17	Oregon.....	92	72	11	9
Georgia.....	100	134	14	12	Pennsylvania.....	226	150	56	20
Hawaii.....	27	18	1	8	Rhode Island.....	21	13	6	2
Idaho.....	44	37	1	6	South Carolina.....	96	70	12	8
Illinois.....	157	98	42	17	South Dakota.....	32	23	-----	9
Indiana.....	101	63	22	16	Tennessee.....	139	112	13	14
Iowa.....	83	63	8	12	Texas.....	333	248	43	42
Kansas.....	64	43	6	10	Utah.....	33	28	1	4
Kentucky.....	107	86	15	6	Vermont.....	18	10	-----	2
Louisiana.....	99	79	8	12	Virginia.....	132	99	22	11
Maine.....	37	28	3	6	Washington.....	109	81	15	13
Maryland.....	59	38	17	4	West Virginia.....	68	50	10	8
Massachusetts.....	90	58	24	8	Wisconsin.....	114	77	23	14
Michigan.....	141	101	26	14	Wyoming.....	27	24	-----	3
Minnesota.....	80	65	6	9	Puerto Rico.....	43	31	5	7
Mississippi.....	86	77	2	7	Guam.....	2	1	-----	1
Missouri.....	109	79	13	17	Virgin Islands.....	2	2	-----	-----

Source: Federal Communications Commission.

## No. 702. RADIO BROADCAST INDUSTRY FINANCES: 1950 TO 1960

[Money figures in millions of dollars. Includes Alaska, Hawaii, Puerto Rico, and Virgin Islands. Excludes FM (independents). See also headnote, table 704. See also *Historical Statistics, Colonial Times to 1967*, series R 103-107, for data including FM independents]

ITEM	1950	1955	1956	1957	1958	1959	1960
Number of networks, Dec. 31.....	7	7	7	7	7	4	4
Number of stations, Dec. 31.....	2,143	2,704	2,915	3,097	3,197	3,380	3,470
Broadcast revenues.....	443.1	452.3	479.2	515.2	520.6	555.7	591.9
7 networks (incl. owned and operated stations) <sup>1</sup> .....	110.5	78.3	70.2	73.5	69.4	60.4	63.0
Other stations.....	332.6	374.0	409.0	441.7	451.2	495.3	528.9
Broadcast expenses of networks and stations.....	372.3	406.0	429.6	460.9	482.6	511.7	543.6
7 networks (incl. owned and operated stations) <sup>1</sup> .....	91.5	72.4	69.8	73.6	73.0	64.9	66.0
Other stations.....	280.8	333.6	359.8	387.3	409.6	446.8	477.5
Broadcast income before Federal income tax.....	70.7	46.4	49.6	54.3	38.0	44.0	48.3
7 networks (incl. owned and operated stations) <sup>1</sup> .....	19.0	5.9	.4	-----	-3.6	-4.5	-3.0
Other stations.....	51.8	40.4	49.2	54.3	41.6	48.5	51.3
BROADCAST REVENUES							
Revenues from time sales, net.....	401.1	410.0	440.3	475.6	482.0	520.0	555.6
Commissions to regularly established agencies, representatives, brokers and others.....	52.5	45.6	51.4	61.3	59.6	62.9	66.9
Revenues from time sales.....	453.6	456.5	491.7	536.9	541.6	582.9	622.5
Revenues from network time sales, net.....	131.5	64.1	48.4	50.6	46.5	35.6	35.0
Revenues from non-network time sales to:							
National and regional advertisers and sponsors.....	118.8	120.4	145.5	169.5	171.9	188.1	202.1
Local advertisers and sponsors.....	203.2	272.0	297.8	316.8	223.2	359.1	385.3
Revenues from incidental broadcast activities.....	42.0	41.4	38.8	39.5	38.5	35.7	36.3
Talent.....	25.2	26.9	24.0	24.8	24.7	22.3	22.8
Sundry broadcast revenues.....	16.8	14.5	14.8	14.7	13.8	13.4	13.4

<sup>1</sup> Beginning 1959, covers the operations of 4 nationwide networks and their owned and operated stations. Excludes regional networks.

Source: Federal Communications Commission; annual release, *Final AM and FM Financial Data*.

## No. 703. TELEVISION BROADCAST INDUSTRY FINANCES: 1950 TO 1960

[Money figures in millions of dollars. Includes Alaska, Hawaii, Puerto Rico, and Virgin Islands. See also headnote, table 704. See also *Historical Statistics, Colonial Times to 1967*, series R 114-117]

ITEM	1950	1955	1956	1957	1958	1959	1960
Number of networks, Dec. 31.....	4	4	3	3	3	3	3
Number of stations, Dec. 31.....	107	437	474	501	514	519	530
Broadcast revenues.....	105.9	744.7	896.9	943.2	1,030.0	1,163.9	1,268.6
3 networks (incl. owned and operated stations) <sup>1</sup> .....	55.5	374.0	442.3	467.9	516.7	576.1	640.7
Other stations.....	50.4	370.7	454.6	475.3	513.3	587.8	627.9
Broadcast expenses of networks and stations.....	115.1	594.5	707.3	783.2	858.1	941.6	1,024.5
3 networks (incl. owned and operated stations) <sup>1</sup> .....	65.5	306.0	350.9	397.2	439.7	488.2	545.5
Other stations.....	49.6	288.5	356.4	386.0	418.4	453.4	479.0
Broadcast income before Federal income tax.....	10.2	150.2	189.6	160.0	171.9	222.3	244.1
3 networks (incl. owned and operated stations) <sup>1</sup> .....	10.0	88.0	85.4	70.7	77.6	87.9	95.2
Other stations.....	.8	82.1	104.2	89.3	94.9	134.4	148.9
BROADCAST REVENUES							
Revenues from time sales, net.....	76.3	572.4	689.1	726.3	791.7	890.4	951.9
Commissions to regularly established agencies, representatives, brokers and others.....	14.8	108.7	154.0	142.4	159.8	180.2	194.7
Revenues from time sales.....	90.6	681.1	823.1	868.7	951.0	1,070.6	1,146.6
Revenues from network time sales, net.....	35.2	308.9	307.7	394.2	424.5	445.8	472.0
Revenues from non-network time sales to:							
National and regional advertisers and sponsors.....	25.0	222.4	281.2	300.5	345.2	424.2	469.2
Local advertisers and sponsors.....	30.4	149.8	174.2	174.0	181.8	200.6	215.8
Revenues from incidental broadcast activities.....	29.6	172.3	207.8	216.9	238.3	273.5	316.7
Talent.....	15.2	112.5	146.4	156.0	172.2	197.0	234.3
Sundry broadcast revenues.....	14.4	59.8	61.4	60.9	66.1	76.5	82.4

<sup>1</sup> 4 networks prior to Sept. 15, 1955, when DuMont ceased network operations.

<sup>2</sup> Loss.

Source: Federal Communications Commission; annual release, *Final TV Broadcast Financial Data*.

# **NO. 704. BROADCAST REVENUES OF ALL NETWORKS AND STATIONS, AM AND AM-FM, FM, AND TV: 1940 TO 1960**

[Includes Alaska, Hawaii, Puerto Rico, and Virgin Islands. Total broadcast revenues are defined as total time sales of all networks and stations, less commissions to agencies and plus incidental revenues, such as sale of talent, program material, etc. For each year, excludes data for a certain number of reports received too late to be included; 1960 data excludes 40 such AM-FM stations. See also *Historical Statistics, Colonial Times to 1957*, series R 104-106 and R 114-115]

YEAR	TOTAL		AM AND AM-FM		FM (INDEPENDENTS)		TV	
	Number of stations (Dec. 31)	Revenues (\$1,000)	Number of stations (Dec. 31)	Revenues (\$1,000)	Number of stations (Dec. 31)	Revenues (\$1,000)	Number of stations (Dec. 31)	Revenues (\$1,000)
1940.....	765	147, 147	765	147, 147				
1941.....	825	168, 785	817	168, 779	2		6	42
1942.....	862	178, 804	851	178, 830	5	13	6	81
1943.....	852	215, 423	841	215, 318	6	26	6	219
1944.....	885	275, 550	875	275, 299	4	32	6	338
1945.....	912	299, 715	901	299, 338	5	39	6	655
1946.....	1, 043	323, 228	1, 025	322, 553	8	17	10	1, 890
1947.....	1, 531	366, 032	1, 464	363, 714	52	422	15	8, 621
1948.....	1, 974	416, 867	1, 824	406, 905	103	1, 251	47	34, 330
1949.....	2, 223	449, 544	2, 021	413, 785	104	1, 429	98	105, 915
1950.....	2, 336	550, 395	2, 143	443, 058	86	1, 422	107	235, 064
1951.....	2, 374	686, 170	2, 200	449, 226	66	1, 266	108	324, 223
1952.....	2, 502	793, 015	2, 324	468, 592	56	1, 100	122	432, 040
1953.....	2, 813	908, 025	2, 434	474, 585	45	800	334	592, 037
1954.....	3, 008	1, 042, 480	2, 555	448, 785	43	764	410	744, 714
1955.....	3, 179	1, 198, 066	2, 704	452, 338	38	1, 013	437	890, 885
1956.....	3, 440	1, 377, 400	2, 915	479, 160	51	1, 415	474	943, 295
1957.....	3, 665	1, 400, 468	3, 097	515, 167	67	2, 035	501	1, 030, 039
1958.....	3, 804	1, 559, 182	3, 197	520, 597	93	2, 546	514	1, 168, 852
1959.....	4, 047	1, 725, 887	3, 380	555, 732	148	4, 303	519	1, 208, 027
1960.....	4, 218	1, 865, 304	3, 470	591, 863	218	6, 814	530	

<sup>1</sup> Includes 4 nationwide networks and, prior to 1959, 3 regional networks.

<sup>2</sup> Includes 4 TV networks beginning in 1948 when commercial TV network operation started; covers 3 networks after Sept. 15, 1955, when DuMont ceased network operations.

Source: Federal Communications Commission.

# **NO. 705. PERCENT OF HOUSEHOLDS WITH TELEVISION SETS, BY AREA AND REGION: 1955, 1960, AND 1961**

[Beginning 1960, includes Alaska and Hawaii. For composition of regions, see figure I, p. XII; for explanation of urban and rural, see p. 2; and for definition of standard metropolitan statistical areas, see headnote, table 10 (data refer to 1959 SMSA's as constituted in 1950). An urbanized area contains at least one city with 50,000 inhabitants or more in 1940 or subsequently, plus the surrounding closely settled incorporated places and unincorporated areas that comprise its urban fringe. See also *Historical Statistics, Colonial Times to 1957*, series R 98, for number of families with TV sets]

AREA OR REGION	June 1955	May 1960	May 1961	AREA OR REGION	June 1955	May 1960	May 1961
Households having 1 set or more.....	67	88	89	By urban and rural:			
By area:				Urban.....	74	89	90
Inside standard metropolitan statistical areas.....	78	91	92	In urbanized areas.....	79	90	91
Outside standard metropolitan statistical areas.....	50	82	85	Areas of 3,000,000 or more.....	81	91	91
By region and division:				Areas of 1,000,000 to 3,000,000.....	82	91	93
Northeast.....	80	92	94	Areas of 250,000 to 1,000,000.....	79	88	90
New England.....	(1)	93	95	Areas under 250,000.....	74	88	90
Middle Atlantic.....	(1)	92	93	Not in urbanized areas..	56	86	88
North Central.....	72	89	91	Places of 10,000 or more.....	62	88	89
East North Central.....	(1)	90	91	Places under 10,000....	52	84	88
West North Central.....	(1)	87	90	Rural nonfarm.....	61	88	90
South.....	53	82	85	Rural farm.....	42	76	80
South Atlantic.....	(1)	84	86	By number of sets:			
East South Central.....	(1)	78	82	No set.....	33	12	11
West South Central.....	(1)	81	85	One set.....	65	77	77
West.....	62	87	90	Two sets or more.....	2	11	12
Mountain.....	(1)	83	87				
Pacific.....	(1)	88	91				

<sup>1</sup> Not available.

Source: Department of Commerce, Bureau of the Census; *Current Housing Reports*, Series H-121.

# No. 706. NEWSPAPERS AND PERIODICALS—NUMBER AND CIRCULATION, BY FREQUENCY OF ISSUE, AND RECEIPTS: 1939 TO 1958

[Circulation in thousands; money figures in millions. Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series R 173-186]

FREQUENCY OF ISSUE AND RECEIPTS	NEWSPAPERS				PERIODICALS			
	1939	1947	1954	1958	1939	1947	1954	1958
Total number.....	9, 173	10, 282	9, 022	18, 645	4, 985	4, 610	3, 427	2 4, 455
Aggregate circulation <sup>3</sup> .....	96, 476	119, 567	136, 353	136, 803	239, 693	384, 628	449, 285	4 391, 936
Daily (except Sunday):								
Morning: Number.....	473	400	385	357				
Circulation.....	17, 162	21, 796	22, 475	23, 916				
Evening: Number.....	1, 507	1, 454	1, 435	1, 421	220	112	84	
Circulation.....	25, 814	31, 490	33, 935	34, 797	1, 979	842	748	
Sunday: Number.....	542	416	510	552				
Circulation.....	33, 007	42, 736	46, 360	48, 262				
Triweekly: Number.....	36	21	29	( <sup>9</sup> )	12	5	( <sup>7</sup> )	( <sup>9</sup> )
Circulation.....	219	151	198	( <sup>9</sup> )	27	5	( <sup>7</sup> )	( <sup>9</sup> )
Semiweekly: Number.....	343	230	288	( <sup>9</sup> )	50	21	32	( <sup>9</sup> )
Circulation.....	1, 990	926	1, 327	( <sup>9</sup> )	2, 905	182	268	( <sup>9</sup> )
Weekly: Number.....	6, 212	7, 705	6, 249	6, 315	1, 109	892	487	478
Circulation.....	18, 295	21, 408	30, 336	29, 828	55, 825	69, 393	82, 060	105, 147
Semimonthly: Number.....					193	233	148	( <sup>9</sup> )
Circulation.....					8, 135	13, 532	19, 842	( <sup>9</sup> )
Monthly: Number.....					2, 323	2, 253	1, 604	1, 445
Circulation.....					134, 766	194, 824	204, 026	185, 003
Quarterly: Number.....					698	647	422	364
Circulation.....					26, 238	45, 635	43, 339	25, 848
Other: Number.....		56	126	( <sup>9</sup> )	380	447	650	708
Circulation.....		1, 060	1, 732	( <sup>9</sup> )	9, 726	60, 015	99, 001	75, 938
Receipts, total.....	\$846	\$1, 792	\$2, 913	\$3, 458	\$409	\$1, 019	\$1, 413	\$1, 578
Subscription and sales.....	306	600	837	979	185	407	531	556
Advertising.....	539	1, 192	2, 076	2, 444	224	612	883	983

<sup>1</sup> Not comparable with 1954 figures because no separate data were collected in 1958 for newspapers published triweekly, semiweekly, "other." Comparable totals for 1954 would be: For total number of newspapers, 8,589, and for aggregate circulation, 133,096 thousand.

<sup>2</sup> Includes 1,400 publications not specified as to circulation and frequency of issue.

<sup>3</sup> Totals of average circulation per issue for individual publications from publishers reporting receipts on a combined frequency of issue basis as well as from publishers reporting receipts separately for each frequency of issue.

<sup>4</sup> Excludes any estimated circulation for the relatively small number of publications for which circulation was not reported, hence not strictly comparable with 1954.

<sup>5</sup> Daily only, neither morning nor evening. <sup>6</sup> Not available.

<sup>7</sup> Semiweekly and triweekly figures combined to avoid disclosure of individual company figures.

<sup>8</sup> For 1954, includes \$26 million for newspapers and \$19 million for periodicals, not distributed by publishers between subscription and sales and advertising; for 1958, \$35 million for newspapers and \$40 million for periodicals.

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Manufactures: 1958*, Series MC-27A.

# No. 707. NEWSPRINT CONSUMPTION, NEWSPAPER PAGES PER ISSUE, AND CIRCULATION PER FAMILY: 1940 TO 1961

[Beginning 1960, includes Alaska and Hawaii, except as noted]

YEAR	NEWSPRINT CONSUMPTION (1,000 TONS)						PAGES OF NEWSPAPER PER ISSUE <sup>3</sup>		NEWSPAPER CIRCULATION PER FAMILY	
	Total <sup>1</sup>	By newspapers <sup>2</sup>				Daily	Sun-day	Daily	Sun-day	
		Total	For advertising content		For editorial content					
			Amount	Per-cent	Amount					Per-cent
1940.....	3, 739	3, 507	1, 403	40.0	2, 104	60.0	27	86	1.17	0.92
1945.....	3, 451	3, 237	1, 667	51.5	1, 670	48.5	22	70	1.28	1.06
1950.....	5, 863	5, 521	3, 279	59.4	2, 242	40.6	36	112	1.23	1.06
1955.....	6, 484	6, 173	3, 827	62.0	2, 346	38.0	40	132	1.16	0.97
1956.....	6, 807	6, 320	3, 925	62.1	2, 395	37.9	41	135	1.16	0.96
1957.....	6, 768	6, 300	3, 843	61.0	2, 457	39.0	40	138	1.17	0.95
1958.....	6, 515	6, 059	3, 635	60.0	2, 424	40.0	39	135	1.14	0.93
1959.....	7, 073	6, 578	4, 026	61.2	2, 552	38.8	42	141	1.13	0.93
1960.....	7, 332	6, 819	4, 160	61.0	2, 659	39.0	43	142	1.12	0.91
1961.....	7, 376	6, 860	4, 137	60.3	2, 723	39.7	43	139	1.11	0.90

<sup>1</sup> Apparent consumption; equals production plus imports minus exports adjusted for year-end change in newspaper publishers' inventories and domestic mill stocks.

<sup>2</sup> Based on information of Media Records, Inc., for 52 cities.

<sup>3</sup> Circulation of 100,000 or more, conterminous U.S.

Source: Department of Commerce, Business and Defense Services Administration.

NO. 708. DAILY AND SUNDAY NEWSPAPERS—NUMBER AND CIRCULATION, 1940 TO 1961, AND BY STATES, 1961

[Circulation figures in thousands. As of October 1. Beginning 1957, includes Alaska and Hawaii. For English language newspapers only. See also *Historical Statistics, Colonial Times to 1957*, series R 169-172]

YEAR AND STATE	DAILY NEWSPAPERS						SUNDAY NEWS-PAPERS	
	Total		Morning		Evening		Number	Net paid circulation
	Number	Net paid circulation	Number	Net paid circulation	Number	Net paid circulation		
1940.....	1,878	41,132	380	16,114	1,498	25,018	526	32,371
1945.....	1,749	48,384	330	19,240	1,419	29,144	485	30,800
1950.....	1,772	53,829	322	21,266	1,450	32,563	549	46,382
1955.....	1,760	56,147	316	22,183	1,454	33,964	541	46,448
1957.....	1,766	58,020	310	23,218	1,463	34,812	547	47,134
1958.....	1,756	57,594	308	23,207	1,460	34,388	558	47,041
1959.....	1,755	58,300	306	23,547	1,455	34,753	564	47,848
1960.....	1,763	58,892	312	24,029	1,459	34,853	563	47,609
1961								
United States <sup>1</sup> .....	1,761	59,261	312	24,094	1,458	35,167	558	48,216
Alabama.....	20	687	4	212	16	475	14	570
Alaska.....	6	54			6	54	1	4
Arizona.....	14	380	3	174	11	215	6	314
Arkansas.....	34	383	5	146	29	237	10	312
California.....	130	4,563	17	1,703	113	2,860	30	4,109
Colorado.....	24	640	3	216	21	424	8	641
Connecticut.....	25	807	6	225	10	581	6	473
Delaware.....	3	122	1	35	2	88		
Dist. of Columbia.....	3	862	1	407	2	455	2	787
Florida.....	45	1,715	15	1,025	30	690	30	1,541
Georgia.....	29	917	6	395	23	522	11	824
Hawaii.....	5	208	1	70	4	138	3	208
Idaho.....	15	152	4	70	12	82	5	116
Illinois.....	82	3,841	9	1,859	73	1,983	18	2,969
Indiana.....	90	1,642	10	447	80	1,195	18	1,096
Iowa.....	144	948	4	293	41	655	9	842
Kansas.....	151	660	5	232	47	428	14	414
Kentucky.....	126	700	5	291	22	409	12	502
Louisiana.....	19	732	4	348	15	384	8	586
Maine.....	9	252	5	197	4	55	1	101
Maryland.....	12	749	4	225	8	524	3	659
Massachusetts.....	150	2,387	6	905	45	1,482	8	1,493
Michigan.....	53	2,320	1	550	52	1,770	11	2,021
Minnesota.....	30	1,080	5	388	25	691	6	953
Mississippi.....	18	266	4	81	14	185	6	152
Missouri.....	54	1,826	7	703	47	1,064	13	1,402
Montana.....	16	170	4	107	12	63	9	154
Nebraska.....	20	472	3	168	17	304	5	349
Nevada.....	8	96	2	38	6	58	3	79
New Hampshire.....	19	127	1	25	9	102	1	43
New Jersey.....	27	1,488	5	410	22	1,078	9	978
New Mexico.....	19	188	1	48	18	140	13	160
New York.....	88	8,745	22	5,034	66	3,711	20	9,198
North Carolina.....	47	1,111	9	548	38	563	15	743
North Dakota.....	11	163	2	35	9	127	2	89
Ohio.....	96	3,314	8	840	88	2,474	19	2,084
Oklahoma.....	51	750	7	319	44	430	41	670
Oregon.....	24	646	4	249	20	398	5	473
Pennsylvania.....	120	4,201	28	1,415	95	2,786	12	2,886
Rhode Island.....	7	299	1	62	6	237	2	200
South Carolina.....	17	496	8	347	9	149	7	378
South Dakota.....	13	171	2	7	11	165	4	116
Tennessee.....	30	1,071	7	498	23	574	11	734
Texas.....	117	2,960	26	1,251	91	1,709	79	2,601
Utah.....	5	242	1	101	4	141	4	239
Vermont.....	8	90	2	54	6	37	1	12
Virginia.....	31	903	9	410	22	493	12	602
Washington.....	27	978	6	337	21	641	10	843
West Virginia.....	31	483	10	233	21	250	9	366
Wisconsin.....	38	1,173	3	265	35	908	8	984
Wyoming.....	10	75	6	37	4	38	4	39

<sup>1</sup> Adjusted to account for all-day papers listed in morning and evening figures (circulations divided between them).

<sup>2</sup> Adjusted to allow for duplication of Texarkana, Ark.-Tex. and Bristol, Tenn.-Va., papers in individual State tabulations (circulations divided between States), and for Covington, Ky., papers also included in Ohio.

Source: Editor and Publisher, New York, N. Y.; *International Year Book Number*, 1962.

# No. 709. BOOKS AND PAMPHLETS—QUANTITY AND VALUE OF SALES BY ALL BOOK PUBLISHERS: 1947, 1954, AND 1958

[Excludes Alaska and Hawaii. Includes number of copies sold and dollar receipts reported not only by establishments classified in the "Books, publishing and printing" industry but also by establishments reporting these receipts as "secondary" activities in other industries. Detail does not add to total because of reclassification of items from census to census. "N.e.c." means not elsewhere classified]

PRODUCT	1947		1954		1958	
	Copies sold	Receipts	Copies sold	Receipts	Copies sold	Receipts
<b>Total</b> .....	1,000	\$1,000 455,790	1,000	\$1,000 665,419	1,000	\$1,000 1,010,713
<b>Books</b> .....	487,216	435,134	770,840	628,551	903,030	950,751
Textbooks:						
Elementary:						
Hardbound.....			40,541	57,365	47,549	76,632
Paperbound.....			23,037	10,242	26,778	11,903
High school:						
Hardbound.....	74,254	55,068	15,627	31,927	23,057	58,191
Paperbound.....			2,587	2,118	2,533	2,024
College:						
Hardbound.....			14,538	50,241	19,554	81,377
Paperbound.....	23,821	52,513	1,286	1,484	3,095	2,767
Workbooks, paperbound.....	41,010	13,227	159,373	126,902	176,572	140,300
Standardized tests (incl. answer sheets), paperbound.....	(2)	(2)	(2)	(2)	297,049	28,678
Subscription reference books, hardbound <sup>1</sup> .....	14,026	63,851	25,800	89,825	30,650	152,794
Religious books:						
Bibles, complete editions.....					8,903	18,318
Testaments.....	9,248	9,285	11,359	19,125	10,181	4,746
Hymnals and devotionals (incl. prayer books and missals).....			(4)	3,048	5,103	8,064
Other religious books:						
Hardbound.....	33,295	19,608	(4)	(4)	9,815	15,999
Paperbound.....			(4)	(4)	36,776	11,516
Technical, scientific, and professional books:						
Law books.....					3,702	36,400
Medical books (incl. nursing and dental subjects).....					2,423	21,400
Business books.....					2,080	9,400
Other.....					15,596	48,821
General books:						
Publishers' sales of books or sheets to book clubs.....	(4)	(4)	(4)	(4)		
Book club books.....	(7)	(7)	(7)	(7)	65,180	95,684
Wholesaled paperbound books, digest size.....	(8)	(8)	(8)	(8)	232,585	47,680
Adult trade books:						
Hardbound.....	32,345	46,131	786,314	7133,117	32,298	64,669
Paperbound.....	108,069	23,832	188,239	36,049	5,061	6,374
Juvenile books:						
\$1.00 and over.....					34,321	40,218
Under \$1.00.....	53,752	20,289	220,114	50,835	137,750	21,114
All other books, n.e.c.:						
Hardbound.....	79,329	785,493	5,453	15,489	44,943	62,923
Paperbound.....			38,366	23,816	25,925	12,737
<b>Pamphlets</b> .....	240,290	220,656	2267,088	225,094	452,260	31,118
Religious.....					212,140	11,668
Other.....					240,120	19,450
<b>Other books and pamphlets, not specified by kind</b> .....				11,774		20,166

<sup>1</sup> 1954 and 1958 may not be strictly comparable since 1954 includes 4,621,000 hardbound books and \$2,805,000 receipts.

<sup>2</sup> For 1947 and 1954 "educational and other standardized tests" included with "pamphlets." For 1958, copies sold and receipts excluded from the "books" totals.

<sup>3</sup> Since these books are frequently sold direct to consumers, some publishers reported receipts on a retail basis; hence, aggregate receipts for this type of book are a combination of wholesale and retail values but do represent total receipts at publishing plant level. Also, since books in this category are typically sold on an installment plan basis, the values reported here (actual receipts during the year) may not agree with publishers' sales for same reporting period. 1958 receipts not strictly comparable with prior years since deductions were made in 1958 for known payments for salesmen's compensation and operating expenses for sales offices and sales branches maintained to assist in door-to-door distribution. Copies sold represent number of volumes rather than sets. Also, for 1958, some dictionaries and other single volume books sold direct to the consumer were included in "All other books, n.e.c."

<sup>4</sup> Not available. <sup>5</sup> Excludes prayer books.

<sup>6</sup> Other religious books, paperbound" included in "All other books, n.e.c."

<sup>7</sup> For 1947, "Book club books" included in "All other books, n.e.c."; for 1954, included in "Adult trade books, hardbound."

<sup>8</sup> "Wholesaled paperbound books" included in "Adult trade books, paperbound."

Source: Department of Commerce, Bureau of the Census; U.S. Census of Manufactures: 1954, Series MC-27A, and 1968, Series MC-(P)-27A.

# NO. 710. NEW BOOKS AND NEW EDITIONS PUBLISHED, BY SUBJECT: 1950, 1960, AND 1961

[Includes books published in the United States and its outlying areas. Based on book information received by *Publishers' Weekly* and checked against similar information reaching Library of Congress and American Library Association, *Library Journal*. New editions, as distinct from new books, are either revisions of earlier editions or reprints, without change, at a sharply differing price or format. Excluded are State and Federal Government publications, periodicals, quarterlies, and serials, dissertations, second, third, or fourth printings or impressions, and pamphlets of under 49 pages. Data for 1950 and 1960 are not strictly comparable with 1961 because of a change in tabulation methods. The grand total for 1960 that would be comparable with 1961 is 16,554. See also *Historical Statistics, Colonial Times to 1967*, Series R 165-167]

SUBJECT	1950			1960			1961		
	Total	New books	New editions	Total	New books	New editions	Total	New books	New editions
<b>Total</b> .....	11,022	8,634	2,388	15,012	12,069	2,943	18,060	14,238	3,822
Agriculture, gardening.....	152	111	41	156	121	35	231	194	37
Biography.....	003	538	65	870	746	133	790	622	168
Business.....	250	190	60	305	240	65	350	286	64
Education.....	256	209	47	348	308	40	534	461	73
Fiction.....	1,907	1,211	696	2,440	1,642	798	2,630	1,645	985
Fine arts.....	357	317	40	470	422	48	620	530	81
Games, sports.....	188	153	35	236	233	53	444	381	63
General literature and criticism.....	591	510	81	736	560	176	888	617	271
Geography, travel.....	288	221	67	466	372	94	580	455	125
History.....	516	456	60	865	695	170	1,049	706	253
Home economics.....	193	150	43	197	155	42	191	143	48
Juvenile.....	1,059	907	152	1,725	1,628	97	1,626	1,613	113
Law.....	298	228	70	394	303	91	256	203	53
Medicine, hygiene.....	443	312	131	520	388	132	776	595	181
Music.....	113	88	25	98	82	16	155	114	41
Philology.....	148	102	46	228	163	65	307	248	59
Philosophy, ethics.....	340	278	62	480	333	147	565	433	132
Poetry, drama.....	531	453	78	492	404	88	615	517	98
Religion.....	727	626	101	1,104	983	121	1,290	1,098	192
Science.....	705	499	206	1,089	833	256	1,494	1,193	301
Sociology, economics.....	515	447	68	754	651	103	1,613	1,289	324
Technical and military.....	497	366	131	698	574	124	781	665	116
Miscellaneous.....	345	282	63	282	233	49	275	231	44

<sup>1</sup> Beginning 1961, classification changed to "General Works."

Source: R. R. Bowker Co., New York, N.Y. Data published in *Publishers' Weekly*.

## NO. 711. REGISTRATION OF COPYRIGHTS, BY SUBJECT MATTER: 1950 TO 1961

[For years ending June 30. Data comprise copyrights issued to citizens of the United States and residents of foreign countries. For information on patents, see table 744. See also *Historical Statistics, Colonial Times to 1967*, series W 52-65]

SUBJECT MATTER OF COPYRIGHT	1950	1957	1958	1959	1960	1961
<b>Total</b> .....	210,561	225,807	238,935	241,735	243,926	247,014
<b>Books</b> .....	54,894	56,717	60,597	59,009	63,340	65,813
Printed in the United States.....	50,144	52,025	56,630	54,877	59,019	61,192
Books proper.....	11,323	11,323	11,323	11,323	11,323	11,323
Pamphlets, leaflets, etc.....	34,588	48,811	53,275	51,835	55,713	57,794
Contributions to newspapers and periodicals.....	4,438	3,214	3,355	3,042	3,306	3,398
Printed abroad in a foreign language.....	3,710	2,915	2,937	3,549	3,740	3,819
English books registered for ad interim copyright.....	1,040	1,777	1,030	583	581	802
Periodicals (numbers).....	55,436	59,724	60,691	62,246	64,204	66,251
Lectures, sermons, addresses.....	1,007	1,003	1,003	829	895	1,029
Dramatic or dramatico-musical compositions.....	4,427	2,764	2,594	2,669	2,445	2,762
Musical compositions.....	52,309	59,614	66,515	70,707	65,568	65,600
Maps.....	1,638	2,084	1,614	1,865	1,812	2,010
Works of art, models, or designs.....	4,013	4,557	5,019	4,593	5,371	5,557
Reproductions of works of art.....	326	914	1,044	1,184	2,516	3,255
Drawings or plastic works of a scientific or technical character.....	1,316	699	683	603	768	705
Photographs.....	1,143	964	1,037	741	842	765
Prints and pictorial illustrations.....	4,309	3,400	3,413	3,186	3,340	2,955
Commercial prints and labels.....	13,320	8,687	8,024	8,786	8,136	7,564
Motion picture photoplays.....	782	1,967	2,451	2,757	2,755	3,089
Motion pictures not photoplays.....	1,113	1,231	748	967	702	1,565
Renewals of all classes.....	14,531	21,473	22,593	21,633	21,393	18,194

Source: The Library of Congress; *Annual Report*.



## Section 19

### Power; Research and Development

This section presents statistics on the supply, production, and distribution of power and energy; expenditures and manpower for scientific activities; patents and trademarks; and space vehicles. The principal sources of these data are the Federal Power Commission, National Science Foundation, American Gas Association, Atomic Energy Commission, and National Aeronautics and Space Administration.

The Federal Power Commission publishes various statistical reports containing data on production of electric energy, capacity of generating plants, basic fuels used, and water power. Data on sales, revenues, and number of customers by classes of service, and on rates, typical bills, and related matters are also issued at regular intervals by the Commission. Monthly statistics on production, fuels used in production, sales by classes of service, salaries and wages, taxes, and other costs of production appear in the Commission's series entitled *Electric Power Statistics*.

The Federal Power Commission has uniform systems of accounts for public utilities under its jurisdiction and for its licensees. It compiles data from annual reports of electric utilities containing information on assets, liabilities, revenues, generating capacity, and consumers; power system reports of electric utility systems presenting information on generating capacity, transmission facilities, and loads and load characteristics; monthly and annual reports containing information on production of electricity for public use, fuel consumed, and fuel on hand; and reports from electric utilities and industrial corporations on their electric power requirements and supply.

The National Science Foundation publishes a number of continuing, as well as special, reports on its recurring surveys of scientific activities in Federal Government agencies, industrial firms, colleges and universities, and other nonprofit institutions. These publications, concerned with annual expenditures, scientific manpower employed, and other statistical aspects of scientific activities, include the pamphlet series *Reviews of Data on Research and Development* and *Scientific Manpower Bulletins*; the annual reports, *Federal Funds for Science*; and *Funds for Research and Development in Industry*; and other similar reports relating to colleges and universities and other nonprofit organizations. The Foundation surveys of research and development are a comparatively new statistical undertaking and pose particularly difficult problems of concept and definition. The data are therefore subject to certain limitations and should be regarded as broad estimates rather than precise quantitative statements (see *Reviews of Data on Research and Development*).

The American Gas Association, in its monthly and quarterly bulletins and its yearbook, *Gas Facts*, presents data on natural gas utilization and on production of gas manufactured from coal, oil, and similar products. Other important sources of information include the Bureau of Mines' *Minerals Yearbook*, containing data on coal, oil, and natural gas production and utilization; the Edison Electric Institute's monthly and annual *Statistical Bulletin*, containing data on the distribution of electric energy by public utilities; the Atomic Energy Commission's annual and semi-annual reports containing data on atomic energy equipment, finances, and licenses; and the National Aeronautics and Space Administration's *Space Activities Summary*, issued for each space vehicle launched and giving data on the launching vehicle and its "payload."

**Alaska and Hawaii.**—For a general statement concerning the treatment of data for Alaska and Hawaii, see preface.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics, Colonial Times to 1957*, series M 71-87") provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

# No. 712. MINERAL FUELS AND WATER POWER—PRODUCTION AND CONSUMPTION, 1920 TO 1961, BY SOURCE

[In trillions of British thermal units. Beginning 1950, includes Alaska, and 1960, Hawaii. Data for bituminous coal include Alaska for all years. Unit heat values employed are: Anthracite, 12,700 B.t.u. per pound; bituminous coal and lignite, 13,100 B.t.u. per pound; petroleum, 5,800,000 B.t.u. per barrel; natural gas, total production multiplied by 1.075 B.t.u. minus repressuring vent and waste gas multiplied by 1.035. Water power includes installations owned by manufacturing plants and mines, as well as Government and privately owned public utilities. Fuel equivalent of water power calculated from kilowatt-hours of power produced wherever available, as is true of all public utility plants since 1919. Otherwise, fuel equivalent calculated from reported horsepower of installed water wheels, assuming capacity factor of 20 percent for factories and mines. See also *Historical Statistics, Colonial Times to 1957*, series M 71-87]

YEAR	Total	COAL		Crude petroleum <sup>1</sup>	Natural gas <sup>2</sup>	Water power	PERCENT				
		Anthracite	Bituminous and lignite				Coal		Crude petroleum <sup>1</sup>	Natural gas <sup>2</sup>	Water power
							Anthracite	Bituminous and lignite			
PRODUCTION											
1920.....	21,365	2,276	14,890	2,569	883	738	10.7	69.7	12.0	4.1	3.5
1930.....	22,119	1,762	12,249	5,208	2,148	752	8.0	55.4	23.5	9.7	3.4
1940.....	25,068	1,308	12,072	7,849	2,979	880	5.2	48.1	31.3	11.9	3.5
1950.....	34,510	1,120	13,527	11,449	6,841	1,573	3.2	39.2	33.2	19.8	4.6
1955.....	38,900	665	12,174	14,410	10,204	1,447	1.7	31.3	37.1	26.2	3.7
1956.....	41,510	734	13,123	15,181	10,930	1,542	1.8	31.6	36.6	26.3	3.7
1957.....	41,826	644	12,909	15,173	11,571	1,524	1.5	30.9	36.3	27.7	3.6
1958.....	39,132	538	10,754	14,204	11,043	1,693	1.4	27.5	36.3	30.5	4.3
1959.....	40,932	524	10,795	14,932	13,036	1,645	1.3	26.4	36.5	31.8	4.0
1960.....	41,844	478	10,886	14,935	13,822	1,723	1.2	26.0	35.7	33.0	4.1
1961 (prel.).....	41,793	452	10,480	15,206	13,903	1,752	1.1	25.1	36.4	33.2	4.2
CONSUMPTION											
1920.....	19,782	2,179	13,325	2,634	869	775	11.0	67.4	13.3	4.4	3.0
1930.....	22,288	1,718	11,921	5,652	2,212	785	7.7	53.5	25.4	9.9	3.5
1940.....	23,908	1,245	11,290	7,487	2,969	917	5.2	47.2	31.4	12.4	3.8
1950.....	34,153	1,013	11,900	12,766	6,933	1,601	3.0	34.8	37.2	20.3	4.7
1955.....	39,956	599	11,104	16,328	10,428	1,497	1.5	27.8	40.8	26.1	3.8
1956.....	42,007	610	11,338	17,418	11,043	1,508	1.4	27.0	41.5	26.3	3.8
1957.....	41,920	528	10,838	17,328	11,658	1,568	1.3	25.8	41.4	27.8	3.7
1958.....	41,493	483	9,667	17,428	12,235	1,740	1.2	23.1	42.0	29.5	4.2
1959.....	43,411	478	9,696	18,307	13,339	1,691	1.1	22.1	42.2	30.7	3.9
1960.....	44,960	447	9,967	18,608	14,163	1,775	1.0	22.2	41.4	31.5	3.9
1961 (prel.).....	45,868	414	9,810	18,926	14,914	1,804	1.0	21.4	41.2	32.5	3.9

<sup>1</sup> Includes commingled condensate. Beginning 1950, consumption includes petroleum products (net imports).

<sup>2</sup> Marketed production; includes amount stored and lost in transmission. Consumption includes dry and liquid gas.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*. Current data also published in *Mineral Industry Surveys* and annual bulletin, *Bituminous Coal and Lignite*.

## No. 713. TOTAL HORSEPOWER OF ALL PRIME MOVERS: 1930 TO 1961

[In thousands. 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 are secondary movers and obtain their power from prime movers, are excluded to avoid duplication. See also *Historical Statistics, Colonial Times to 1957*, series S 1-14]

ITEM	1930	1940	1950	1955	1960 <sup>1</sup>	1961 <sup>1</sup> (prel.)
Total horsepower.....	1,663,944	2,758,332	4,760,262	7,157,077	10,967,235	11,604,314
Automotive <sup>2</sup> .....	1,426,568	2,511,312	4,403,617	6,632,121	10,366,880	10,972,210
Nonautomotive.....	237,376	247,020	356,645	524,956	600,405	632,104
Work animals.....	17,660	12,510	7,040	4,141	2,790	2,700
Inanimate.....	219,716	234,510	349,605	520,815	597,615	629,404
Factories.....	19,519	21,768	32,921	35,579	37,300	37,715
Mines.....	5,620	7,332	9,167	30,768	34,000	34,350
Railroads.....	109,743	92,361	110,969	60,304	46,855	47,453
Merchant ships, powered <sup>3</sup> .....	9,115	9,408	23,423	24,155	23,890	23,046
Sailing vessels <sup>4</sup> .....	100	26	11	5	2	2
Farms.....	28,610	42,488	63,090	206,590	201,756	205,463
Windmills.....	200	130	59	59	44	41
Electric central stations.....	43,427	53,542	87,965	137,576	217,173	235,746
Aircraft <sup>5</sup> .....	3,382	7,455	22,000	25,779	36,534	45,588

<sup>1</sup> Includes Alaska and Hawaii. <sup>2</sup> Includes passenger cars, trucks, buses, and motorcycles.

<sup>3</sup> Excludes Alaska and Hawaii. <sup>4</sup> 1930 not directly comparable with later years.

<sup>5</sup> Excludes horses and other work animals, which are included with "work animals."

<sup>6</sup> Includes private planes and commercial airliners.

Source: For 1930-1950, The Twentieth Century Fund, J. F. Dewhurst and Associates, *America's Needs and Resources, A New Survey*; for 1955, John A. Waring, *Transactions of Canadian Sectional Meeting, World Power Conference, 1953*; and beginning 1960, estimates by John A. Waring.

# No. 714. ELECTRIC ENERGY USE, 1960, AND PROJECTED REQUIREMENTS: 1965 TO 1980

[Includes Alaska and Hawaii. Excludes generation by industrial facilities and railways having generating facilities of their own]

YEAR	ENERGY USE			PEAK LOAD		
	Billion kw.-hr.	Percent increase		Million kw.	Percent increase	
		From 1960	For each interval		From 1960	For each interval
1960.....	763.5			138.3		
1965.....	1,111.0	45.5	45.5	201.0	45.3	45.3
1970.....	1,564.0	104.8	40.8	283.0	104.6	40.8
1975.....	2,139.0	180.2	36.8	387.0	179.8	36.7
1980.....	2,866.0	275.4	34.0	519.0	275.2	34.1

Source: Federal Power Commission; Release No. 11,830, Jan. 30, 1962.

# No. 715. ELECTRIC ENERGY PRODUCTION AND INSTALLED GENERATING CAPACITY, BY CLASS OF OWNERSHIP AND TYPE OF PRIME MOVER: 1940 TO 1961

[Production for years ending December 31; other data as of December 31. Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series S 15-35 and S 44-69]

ITEM	1940	1950	1955	1957	1958	1959	1960	1961 (prel.)
<b>Production (1,000,000 kw.-hr.)</b> .....	179,907	388,674	629,010	716,356	724,752	795,251	841,616	878,530
Electric utilities (for public use).....	141,837	329,141	547,038	631,507	645,098	710,006	753,350	791,975
By class of ownership:								
Privately owned.....	125,411	266,860	420,869	480,943	490,402	544,234	578,000	604,817
Percent of total.....	88.4	81.1	76.9	76.0	76.0	76.0	76.0	76.4
Publicly owned.....	16,426	62,281	126,169	150,564	154,696	165,772	174,750	187,158
Municipal.....	6,188	15,244	25,852	27,850	28,329	34,618	36,924	(1)
Federal.....	8,584	40,388	80,064	109,176	110,437	109,052	112,321	(1)
Cooperatives, power districts, State projects.....	1,175	5,793	11,253	13,538	15,030	22,102	25,505	(1)
Noncentral stations.....	479	857	(2)	(2)	(2)	(2)	(2)	(1)
By source of energy (percent):								
Coal.....	54.6	47.1	55.1	54.9	53.4	53.3	53.6	53.3
Oil.....	4.4	10.3	6.8	6.4	6.3	6.6	6.1	5.9
Gas.....	7.7	13.5	17.4	18.1	18.6	20.7	21.0	21.4
Hydro.....	33.4	29.2	20.7	20.6	21.7	19.4	19.3	19.2
Industrial plants.....	38,070	59,533	81,972	84,849	79,054	85,245	88,266	86,555
<b>Installed capacity (1,000 kw.)</b> .....	50,962	82,850	130,896	146,221	160,651	174,352	185,815	197,823
Electric utilities (for public use).....	39,927	68,919	114,472	129,123	142,597	156,841	168,002	180,119
By class of ownership:								
Privately owned.....	34,399	55,176	86,887	97,376	108,202	118,999	128,450	136,369
Percent of total.....	86.2	80.1	75.9	75.4	75.9	75.8	76.5	75.7
Publicly owned.....	5,628	13,743	27,585	31,747	34,395	37,842	39,552	43,720
Municipal.....	2,977	4,970	7,795	8,640	9,817	10,914	11,499	(1)
Federal.....	1,944	6,921	16,962	19,649	20,430	21,874	22,350	(1)
Cooperatives, power districts, State projects.....	435	1,538	2,828	3,458	4,142	5,054	5,703	(1)
Noncentral stations.....	173	314	(2)	(2)	(2)	(2)	(2)	(1)
Industrial plants.....	11,035	13,931	16,424	17,098	18,054	17,511	17,813	17,804
<b>TYPE OF PRIME MOVER</b>								
Electric utilities (for public use):								
Number of plants, total.....	3,918	3,867	3,587	3,517	3,481	3,457	3,435	(1)
Hydro.....	1,474	1,458	1,361	1,360	1,359	1,353	1,331	(1)
Steam.....	1,163	1,051	1,045	1,043	1,051	1,049	1,000	(1)
Internal combustion.....	1,291	1,358	1,161	1,114	1,071	1,065	1,044	(1)
Production (1,000,000 kilowatt-hours):	141,837	329,141	547,038	631,507	645,098	710,006	753,350	791,975
Hydro.....	47,321	95,938	112,975	130,232	140,262	137,781	145,516	151,797
Steam.....	93,002	229,543	430,119	497,212	500,764	567,839	603,342	640,178
Internal combustion.....	1,514	3,660	3,944	4,062	4,072	4,385	4,492	(1)
Installed capacity (1,000 kilowatts):	39,927	68,919	114,472	129,123	142,597	156,841	168,002	180,119
Hydro.....	11,224	17,675	25,004	27,036	29,359	31,074	32,367	35,480
Steam.....	27,775	49,333	87,112	99,542	110,633	123,085	132,818	141,720
Internal combustion.....	928	1,911	2,355	2,545	2,604	2,682	2,817	2,919
Production per kilowatt of installed capacity (kilowatt-hours).....	3,552	4,776	4,779	4,891	4,524	4,527	4,484	4,397

<sup>1</sup> Not available. <sup>2</sup> Distributed to other publicly owned classes.

<sup>3</sup> Includes small percentage from wood and waste and also, in past few years, from nuclear fuel.

<sup>4</sup> Comprises production and capacity of industrial electric power plants of 100 kilowatts and over, including amounts for stationary electric power plants of railroads and railways.

<sup>5</sup> Each prime mover type in combination plants counted separately. <sup>6</sup> Capacity in service at end of year.

Source: Federal Power Commission; annual summaries, industrial electric power summaries, related monthly reports, and records.

# NO. 716. ELECTRIC UTILITIES—INSTALLED GENERATING CAPACITY AND ELECTRIC ENERGY PRODUCTION, BY STATES: 1945 TO 1960

[Installed capacity as of December 31; production for years ending December 31]

STATE	INSTALLED CAPACITY (1,000 kw.)				ENERGY PRODUCTION (1,000,000 kw.-hr.)			
	1945	1950	1955	1960	1945	1950	1955	1960
United States <sup>1</sup> .....	50,111	68,919	114,472	168,002	222,486	329,141	547,038	753,359
New England.....	3,198	4,052	5,271	7,045	11,805	16,211	22,610	28,898
Maine.....	332	415	623	743	1,949	1,080	2,405	2,906
New Hampshire.....	305	398	474	762	1,038	1,320	1,718	2,188
Vermont.....	175	204	261	261	832	1,735	981	842
Massachusetts.....	1,330	1,453	2,107	2,971	4,577	6,588	9,461	13,396
Rhode Island.....	283	359	401	427	919	1,656	1,955	1,690
Connecticut.....	773	1,022	1,345	1,880	3,091	4,223	6,091	7,894
Middle Atlantic.....	10,510	13,225	18,218	25,536	46,678	63,372	86,140	112,749
New York.....	5,361	6,257	8,469	11,821	22,003	29,452	39,533	51,897
New Jersey.....	1,571	2,053	2,014	4,538	7,325	9,921	12,306	17,730
Pennsylvania.....	3,578	4,916	6,835	9,178	17,350	24,000	34,301	43,122
East North Central.....	11,506	16,083	25,976	36,780	50,921	75,349	125,853	165,101
Ohio.....	3,250	4,430	7,459	10,612	14,706	21,907	35,955	49,450
Indiana.....	1,610	2,142	4,361	6,566	7,442	10,374	21,193	30,966
Illinois.....	3,058	4,506	6,955	9,354	14,020	20,686	35,997	43,085
Michigan.....	2,383	3,222	4,590	6,758	9,827	15,316	22,505	27,672
Wisconsin.....	1,205	1,783	2,622	3,490	4,926	7,006	10,343	13,888
West North Central.....	3,466	5,024	7,930	11,538	12,728	19,237	30,463	43,734
Minnesota.....	732	1,151	1,764	2,434	2,666	4,549	6,642	9,613
Iowa.....	761	1,173	1,654	2,011	2,876	4,428	6,212	7,927
Missouri.....	816	958	1,743	2,687	3,021	3,718	6,952	10,552
North Dakota.....	100	187	264	666	313	660	903	1,700
South Dakota.....	99	169	401	545	265	530	1,399	1,700
Nebraska.....	416	572	762	1,224	1,534	2,011	2,816	4,351
Kansas.....	521	814	1,353	1,900	2,254	3,355	5,478	7,810
South Atlantic.....	6,557	8,857	15,131	22,696	28,285	43,604	71,220	103,636
Delaware.....	39	28	224	425	43	20	1,306	2,282
Maryland.....	900	1,089	1,373	2,077	4,334	5,040	5,845	9,240
District of Columbia.....	458	508	533	533	1,681	1,069	1,627	976
Virginia.....	795	1,204	1,931	3,570	3,717	6,233	9,380	18,235
West Virginia.....	960	1,256	2,177	3,217	5,780	7,821	14,239	20,000
North Carolina.....	1,347	1,700	3,505	4,397	4,966	9,829	15,592	10,233
South Carolina.....	792	847	1,052	2,249	2,251	2,910	5,870	10,655
Georgia.....	716	1,150	1,675	2,236	2,901	5,235	7,705	17,967
Florida.....	550	999	2,062	3,992	2,613	4,847	9,593	17,967
East South Central.....	3,434	4,464	11,657	16,614	16,596	24,606	66,530	87,691
Kentucky.....	581	904	2,745	3,362	2,367	4,390	17,083	19,890
Tennessee.....	1,452	1,070	4,628	7,821	6,922	9,379	24,625	40,071
Alabama.....	1,327	1,090	3,654	4,700	7,099	9,577	21,348	24,594
Mississippi.....	74	200	631	1,032	208	1,200	2,864	3,127
West South Central.....	2,694	4,717	9,449	16,401	13,682	22,515	40,823	64,503
Arkansas.....	222	450	1,165	1,188	776	1,075	4,009	5,244
Louisiana.....	542	909	1,594	2,934	3,250	4,936	6,677	11,865
Oklahoma.....	457	723	1,200	2,225	2,265	2,927	5,337	8,209
Texas.....	1,473	2,636	5,430	10,054	7,401	12,676	23,900	39,200
Mountain.....	2,647	3,445	6,106	8,700	11,974	16,497	24,155	36,611
Montana.....	373	442	925	1,353	2,318	3,136	4,696	5,902
Idaho.....	267	445	781	1,255	1,263	2,538	3,907	6,165
Wyoming.....	82	139	230	382	261	555	724	1,588
Colorado.....	332	404	959	1,317	1,129	1,850	3,719	5,571
New Mexico.....	162	281	459	7,802	1,014	1,014	1,705	3,041
Arizona.....	668	843	1,626	2,268	3,437	3,489	5,535	8,562
Utah.....	171	285	523	606	417	659	2,377	3,033
Nevada.....	590	596	597	720	2,590	3,210	1,431	2,655
Pacific.....	6,100	9,054	14,733	22,690	29,818	47,751	79,245	110,412
Washington.....	1,814	2,765	4,074	7,215	9,690	17,371	24,030	34,153
Oregon.....	903	973	2,046	2,614	4,185	5,545	12,703	15,423
California.....	3,384	5,316	8,612	12,862	15,943	24,830	42,512	63,834

<sup>1</sup> Excludes Alaska and Hawaii. For 1960: Total utility and industrial capacity: Alaska, 349,000 kw., and Hawaii, 578,000 kw.; total utility and industrial production: Alaska, 972,000,000 kw.-hr., and Hawaii, 1,974,000,000 kw.-hr.

Source: Federal Power Commission; annual summaries and related monthly reports.

No. 717. INSTALLED GENERATING CAPACITY OF ELECTRIC UTILITIES AND INDUSTRIAL PLANTS, BY TYPE OF PRIME MOVER AND CLASS OF OWNERSHIP, BY STATES: 1960

[In thousands of kilowatts. As of December 31]

STATE	Total	TYPE OF PRIME MOVER				CLASS OF OWNERSHIP OF ELECTRIC UTILITIES				Industrial plants
		Electric utilities and industrial		Electric utilities		Total	Privately owned	Publicly owned		
		Fuel	Hydro	Fuel	Hydro			Municipal	Other	
United States <sup>1</sup> .....	185,815	152,723	33,092	135,635	32,367	168,002	128,450	11,499	28,053	17,813
New England.....	8,225	6,705	1,520	5,790	1,255	7,045	6,790	217	38	1,179
Maine.....	1,102	607	495	391	351	743	722	4	17	360
New Hampshire.....	850	405	445	365	398	762	759	4	-----	88
Vermont.....	283	84	199	75	186	261	245	16	-----	22
Massachusetts.....	3,459	3,233	227	2,786	186	2,971	2,818	144	16	488
Rhode Island.....	456	453	3	425	2	427	421	2	5	29
Connecticut.....	2,074	1,923	151	1,749	132	1,880	1,824	49	8	193
Middle Atlantic.....	27,847	25,375	2,472	23,145	2,391	25,536	24,369	229	939	2,311
New York.....	12,360	10,332	2,028	9,869	1,952	11,821	10,796	96	929	530
New Jersey.....	4,909	4,901	8	4,532	6	4,538	4,488	48	2	371
Pennsylvania.....	10,578	10,142	436	8,745	433	9,178	9,085	85	8	1,400
East North Central.....	41,045	40,117	929	35,947	832	36,780	34,420	1,930	430	4,266
Ohio.....	11,841	11,832	9	10,607	6	10,612	10,075	523	14	1,229
Indiana.....	7,384	7,353	31	6,534	31	6,566	6,220	346	-----	818
Illinois.....	10,034	9,992	42	9,316	38	9,354	9,027	290	37	680
Michigan.....	7,923	7,504	419	6,377	381	6,758	6,025	631	101	1,166
Wisconsin.....	3,863	3,436	427	3,114	376	3,490	3,072	140	277	374
West North Central.....	12,265	10,672	1,594	9,986	1,552	11,538	7,294	1,956	2,288	727
Minnesota.....	2,800	2,624	186	2,282	152	2,434	1,969	368	97	375
Iowa.....	2,130	2,003	136	1,875	136	2,011	1,534	317	160	128
Missouri.....	2,813	2,520	293	2,405	293	2,697	2,065	401	231	116
North Dakota.....	679	279	400	266	400	666	184	14	467	14
South Dakota.....	557	224	333	221	324	545	182	40	323	12
Nebraska.....	1,231	991	240	984	240	1,224	-----	263	961	7
Kansas.....	2,036	2,030	6	1,954	6	1,960	1,369	552	48	76
South Atlantic.....	25,836	22,063	3,773	19,105	3,592	22,696	20,127	1,141	1,429	3,139
Delaware.....	465	464	1	425	-----	425	407	18	-----	40
Maryland.....	2,340	2,077	272	1,806	271	2,077	2,015	56	7	271
Dist. of Columbia.....	555	552	3	530	3	533	530	-----	3	22
Virginia.....	4,103	3,687	416	3,174	396	3,570	3,282	57	232	533
West Virginia.....	4,222	4,014	208	3,116	101	3,217	3,217	-----	-----	1,005
North Carolina.....	4,654	3,433	1,220	3,190	1,202	4,397	3,920	116	361	257
South Carolina.....	2,697	1,739	958	1,317	632	2,249	1,718	5	526	448
Georgia.....	2,804	1,851	653	1,597	649	2,236	1,993	16	228	268
Florida.....	4,287	4,245	42	3,950	42	3,992	3,045	873	74	295
East South Central.....	17,873	13,822	3,750	12,872	3,742	16,614	4,866	968	10,781	958
Kentucky.....	3,308	2,857	541	2,821	541	3,362	1,323	83	1,956	36
Tennessee.....	7,974	6,064	1,910	5,611	1,910	7,521	172	798	6,552	454
Alabama.....	5,068	3,708	1,299	3,408	1,291	4,700	2,425	1	2,273	368
Mississippi.....	1,133	1,133	-----	1,032	-----	1,032	946	86	-----	101
West South Central.....	20,082	19,137	944	15,457	944	16,401	13,660	1,643	1,098	3,681
Arkansas.....	1,437	1,049	388	799	388	1,188	776	89	322	250
Louisiana.....	4,050	4,050	-----	2,934	-----	2,934	2,635	300	-----	1,116
Oklahoma.....	2,274	2,109	165	2,060	165	2,225	1,798	136	291	49
Texas.....	12,321	11,930	391	9,664	390	10,054	8,452	1,118	485	2,267
Mountain.....	9,489	4,869	4,621	4,082	4,618	8,700	5,322	293	3,085	789
Montana.....	1,369	134	1,235	118	1,235	1,353	930	-----	423	16
Idaho.....	1,294	43	1,251	4	1,250	1,251	1,033	13	208	39
Wyoming.....	433	243	189	193	189	382	185	2	195	51
Colorado.....	1,412	1,158	253	1,064	253	1,317	913	152	252	95
New Mexico.....	879	854	25	778	25	802	639	69	94	77
Arizona.....	2,482	1,502	980	1,285	980	2,266	950	2	1,314	216
Utah.....	853	753	100	506	100	606	536	63	17	247
Nevada.....	708	180	587	134	586	720	137	1	582	48
Pacific.....	23,453	9,963	13,490	9,250	13,441	22,690	11,602	3,123	7,966	763
Washington.....	7,534	532	7,002	240	6,974	7,215	1,093	1,000	5,122	319
Oregon.....	2,798	364	2,434	200	2,414	2,614	795	51	1,767	184
California.....	13,121	9,067	4,054	8,810	4,062	12,862	9,714	2,071	1,076	269

<sup>1</sup> Excludes Alaska and Hawaii. Total utility and industrial capacity: Alaska, 349,000 kw., and Hawaii, 578,000 kw.

Source: Federal Power Commission; annual summaries and related monthly reports.

**No. 718. ELECTRIC ENERGY—PRODUCTION BY ELECTRIC UTILITIES AND INDUSTRIAL PLANTS, BY TYPE OF PRIME MOVER AND CLASS OF OWNERSHIP, BY STATES: 1960**

[In millions of kilowatt-hours. For year ending December 31]

STATE	Total	TYPE OF PRIME MOVER				CLASS OF OWNERSHIP OF ELECTRIC UTILITIES				Industrial plants
		Electric utilities and industrial		Electric utilities		Total	Privately owned	Publicly owned		
		Fuel	Hydro	Fuel	Hydro			Municipal	Other	
United States <sup>1</sup>	841,616	692,494	149,123	607,834	145,516	753,350	578,600	36,924	137,826	88,266
New England	82,670	26,137	6,534	23,656	5,152	28,808	28,098	584	126	3,862
Maine	4,696	1,865	2,831	1,028	1,939	2,906	2,906	18	43	1,730
New Hampshire	2,689	1,221	1,369	1,054	1,134	2,188	2,177	11	—	402
Vermont	918	45	873	33	809	842	796	46	—	76
Massachusetts	14,348	13,347	1,000	12,444	865	13,309	12,868	406	35	1,039
Rhode Island	1,816	1,808	9	1,691	8	1,699	1,663	5	30	117
Connecticut	8,393	7,851	452	7,406	398	7,804	7,688	98	18	409
Middle Atlantic	122,138	108,184	13,954	99,159	13,590	112,749	105,614	701	6,434	9,589
New York	54,234	42,150	12,084	40,151	11,746	51,897	45,200	295	6,402	2,336
New Jersey	19,078	19,034	44	17,095	35	17,730	17,550	168	12	1,348
Pennsylvania	48,826	47,000	1,826	41,312	1,810	43,122	42,864	238	20	5,704
East North Central	184,774	180,036	4,738	169,950	4,151	165,101	158,021	5,456	1,623	19,673
Ohio	55,785	55,765	10	49,482	7	49,489	47,974	1,464	52	6,296
Indiana	34,461	34,361	100	30,860	100	30,960	30,085	882	—	3,495
Illinois	45,923	45,738	184	42,919	166	43,085	42,085	888	118	2,837
Michigan	33,030	30,999	2,030	25,855	1,817	27,672	25,321	1,873	478	5,357
Wisconsin	15,576	13,172	2,404	11,827	2,061	13,888	12,557	355	976	1,688
West North Central	47,291	41,613	5,678	38,224	5,510	43,734	31,504	4,406	7,824	3,557
Minnesota	11,495	10,618	877	8,882	731	9,613	8,594	774	245	1,882
Iowa	8,557	7,676	881	7,047	879	7,927	6,820	633	474	630
Missouri	11,089	10,364	726	9,827	726	10,552	8,923	926	703	537
North Dakota	1,841	781	1,060	720	1,060	1,780	499	11	1,270	61
South Dakota	1,721	568	1,156	564	1,136	1,700	545	25	1,131	22
Nebraska	4,365	3,406	959	3,393	959	4,351	3,827	525	3,827	14
Kansas	8,222	8,202	20	7,791	20	7,810	6,123	1,512	176	412
South Atlantic	129,433	105,691	14,743	89,706	13,931	103,636	95,214	3,748	4,675	16,797
Delaware	2,437	2,437	—	2,262	—	2,262	2,210	52	—	1,175
Maryland	10,668	9,931	1,358	7,584	1,356	9,240	9,110	109	21	1,429
Dist. of Columbia	1,017	1,014	3	973	3	976	973	—	3	41
Virginia	20,614	10,340	1,265	17,097	1,189	18,285	17,437	195	663	2,320
West Virginia	19,739	18,808	931	13,615	398	14,013	13,644	164	1,191	5,726
North Carolina	21,374	16,830	4,994	14,649	4,051	20,000	18,644	15	1,086	1,374
South Carolina	12,375	8,765	3,610	6,724	3,513	10,238	8,237	15	1,086	2,137
Georgia	12,470	10,173	2,305	8,412	2,243	10,655	10,108	59	488	1,824
Florida	19,731	19,454	278	17,690	278	17,967	14,481	3,152	334	1,704
East South Central	93,261	75,714	17,547	70,169	17,522	87,691	22,048	3,291	62,352	5,571
Kentucky	20,032	17,399	2,633	17,266	2,633	19,899	5,357	229	14,312	133
Tennessee	42,795	34,119	8,676	31,395	8,676	40,071	760	2,891	36,449	2,724
Alabama	26,635	20,396	6,238	18,381	6,213	24,594	12,974	—	11,620	2,040
Mississippi	3,800	3,800	—	3,127	—	3,127	2,056	170	—	673
West South Central	87,683	84,884	2,798	61,810	2,798	64,608	56,199	4,767	3,642	23,074
Arkansas	6,590	5,508	992	4,252	992	5,244	4,202	151	801	1,256
Louisiana	19,284	19,284	—	11,865	—	11,865	11,114	751	—	7,419
Oklahoma	8,534	7,820	705	7,695	705	8,299	6,732	275	1,292	235
Texas	53,964	52,292	1,102	38,098	1,102	39,200	34,061	3,590	1,540	14,164
Mountain	39,932	21,055	18,877	17,737	18,873	36,611	24,010	966	11,635	3,321
Montana	6,040	239	5,801	191	5,801	5,992	4,302	—	1,690	48
Idaho	6,315	150	6,165	(2)	6,165	6,165	5,111	73	981	150
Wyoming	1,762	1,153	609	979	609	1,588	973	(2)	614	174
Colorado	5,935	4,965	970	4,602	969	5,571	4,117	524	930	334
New Mexico	3,454	3,384	69	2,971	69	3,041	2,490	163	388	413
Arizona	9,453	6,469	2,990	5,572	2,990	8,562	3,506	7	5,049	896
Utah	4,172	3,866	306	2,734	304	3,038	2,773	197	68	1,134
Nevada	2,796	829	1,967	688	1,967	2,655	737	2	1,915	141
Pacific <sup>1</sup>	113,434	49,180	64,254	46,424	63,988	110,412	57,892	13,095	39,515	3,022
Washington	35,417	1,074	34,343	—	34,154	34,153	4,410	3,336	26,403	1,264
Oregon	13,118	652	12,466	36	12,389	12,425	3,171	182	9,071	693
California	64,899	47,454	17,445	46,390	17,445	63,834	50,312	9,487	4,030	1,066

<sup>1</sup> Excludes Alaska and Hawaii. Total utility and industrial production: Alaska, 972,000,000 kw.-hr., and Hawaii, 1,974,000,000 kw.-hr.

<sup>2</sup> Less than 500,000.

Source: Federal Power Commission; annual summaries and related monthly reports.

# **No. 719. FEDERAL ELECTRIC UTILITY PROJECTS—INSTALLED CAPACITY AND INVESTMENT ALLOCATED TO ELECTRIC PLANT: 1955 TO 1960**

[As of June 30. Beginning 1959, includes Alaska. Comprises only the electricity generating plant of these projects and 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 have not been deducted.]

PROJECT GROUP OR SYSTEM	INSTALLED CAPACITY (1,000 kw.)			INVESTMENT ALLOCATED <sup>1</sup> (\$1,000)		
	1955	1959	1960	1955	1959	1960
<b>Total</b> .....	<b>15,033</b>	<b>21,880</b>	<b>22,616</b>	<b>3,811,843</b>	<b>5,232,175</b>	<b>5,397,699</b>
Percent capacity of all electric utilities.....	13.1	14.0	13.5			
Central Valley: Bureau of Reclamation.....	522	630	630	134,081	136,350	137,861
Columbia Basin.....	3,619	5,751	6,063	1,020,600	1,584,118	1,607,100
Bonneville Power Administration (transmission).....				368,914	461,794	479,913
Bureau of Reclamation.....	2,269	2,282	2,282	218,084	281,243	277,200
Corps of Engineers.....	1,860	3,469	3,781	433,002	841,081	840,987
Hoover and Parker-Davis: Bureau of Reclamation.....						
Missouri Basin.....	1,595	1,595	1,595	205,508	207,160	208,635
Bureau of Reclamation.....	687	1,136	1,142	360,577	630,088	661,373
Corps of Engineers.....	302	891	397	214,278	281,309	304,212
Southeastern Power Administration.....	325	745	745	155,299	348,779	357,161
Southeastern Power Administration (transmission).....	1,031	1,247	1,271	250,142	400,609	410,111
Corps of Engineers.....				63	86	88
Southwestern Power Administration.....	1,031	1,247	1,271	250,079	400,823	410,023
Southwestern Power Administration (transmission).....	426	601	601	144,629	223,613	230,192
Corps of Engineers.....				23,444	25,304	27,108
Tennessee Valley Authority.....	426	601	601	121,185	198,309	203,084
Other projects.....	7,005	10,632	11,032	1,634,057	1,960,921	2,054,316
Bureau of Reclamation.....	148	288	282	44,169	89,916	88,110
Corps of Engineers.....	83	224	218	20,483	64,074	61,941
Bureau of Indian Affairs.....	18	18	18	11,834	11,846	11,846
International Boundary and Water Commission.....	15	14	14	6,342	7,274	7,602
	32	32	32	5,500	6,722	6,721

<sup>1</sup> Includes estimates.

Source: Federal Power Commission.

# **No. 720. ELECTRIC UTILITIES—NUMBER OF ELECTRIC UTILITY SUPPLY SYSTEMS AND GENERATING PLANTS, BY CLASS OF OWNERSHIP: 1945 TO 1960**

[As of December 31. Excludes Alaska and Hawaii. Duplications of establishments operating in two or more States have been eliminated. Each type of prime mover in combination generating plants counted separately; nonutility generating plants, producing primarily for industrial use, approximately 2,234 in 1960, are excluded.]

ITEM	Total, all classes	Pri- vately owned	Cooper- atively owned	PUBLICLY OWNED			
				Total	Municipal	Federal	Other <sup>1</sup>
<b>1945: Total electric supply systems</b> .....	<b>4,051</b>	<b>1,060</b>	<b>800</b>	<b>2,191</b>	<b>2,092</b>	<b>74</b>	<b>25</b>
Systems with generating plants.....	1,594	492	83	1,019	990	18	11
Number of generating plants.....	3,886	2,400	142	1,344	1,157	86	101
<b>1950: Total electric supply systems</b> .....	<b>4,007</b>	<b>821</b>	<b>963</b>	<b>2,223</b>	<b>2,077</b>	<b>55</b>	<b>91</b>
Systems with generating plants.....	1,495	393	92	1,010	955	13	42
Number of generating plants.....	3,867	2,334	166	1,367	1,136	83	148
<b>1955: Total electric supply systems</b> .....	<b>3,648</b>	<b>581</b>	<b>950</b>	<b>2,117</b>	<b>1,968</b>	<b>57</b>	<b>92</b>
Systems with generating plants.....	1,315	315	78	922	865	9	48
Number of generating plants.....	3,587	2,103	146	1,338	1,068	129	141
<b>1959: Total electric supply systems</b> .....	<b>3,289</b>	<b>373</b>	<b>918</b>	<b>1,998</b>	<b>1,866</b>	<b>43</b>	<b>89</b>
Systems with generating plants.....	1,242	273	69	900	809	42	49
Number of generating plants.....	3,457	2,008	142	1,307	1,025	144	138
<b>1960: Total electric supply systems</b> .....	<b>3,276</b>	<b>364</b>	<b>925</b>	<b>1,987</b>	<b>1,856</b>	<b>43</b>	<b>83</b>
Systems with generating plants.....	1,234	270	68	896	802	42	52
Number of generating plants.....	3,435	2,000	132	1,303	1,017	142	144

<sup>1</sup> Public utility districts and State projects.

Source: Federal Power Commission, annual summaries; and McGraw-Hill Publishing Co., Inc., New York, N.Y., *Directory of Electric Utilities*.

## No. 721. WATER POWER—DEVELOPED, 1920 TO 1960, AND ESTIMATED UNDEVELOPED, 1960, BY STATES

(In thousands of kilowatts. As of December 31)

STATE	DEVELOPED WATER POWER (capacity of actual installations only)										Estimated undeveloped water power, Jan. 1, 1960	
	Electric utilities only		Electric utilities and industrial plants									
			1939		1950			1960				
	1920	1930	Total	Utilities	Total	Utilities	Industrial	Total	Utilities	Industrial		
United States <sup>1</sup> .....	3,704	8,585	12,075	11,004	18,675	17,675	1,000	33,092	32,367	725	114,200	
New England.....	291	753	1,115	833	1,239	971	268	1,520	1,255	264	2,900	
Maine.....	40	174	301	188	391	270	121	495	351	144	1,500	
New Hampshire.....	43	212	292	235	312	262	50	445	398	47	600	
Vermont.....	49	156	173	158	192	177	15	199	186	12	400	
Massachusetts.....	114	129	228	161	223	168	55	227	186	41	200	
Rhode Island.....	2	2	14	3	11	3	8	3	2	1	—	
Connecticut.....	44	79	107	88	107	89	18	151	132	19	200	
Middle Atlantic.....	662	1,290	1,633	1,563	1,678	1,602	76	2,472	2,391	81	7,600	
New York.....	540	1,074	1,220	1,105	1,225	1,155	70	2,028	1,952	76	4,000	
New Jersey.....	1	1	6	3	9	6	3	8	6	2	200	
Pennsylvania.....	120	215	399	395	444	441	3	436	433	3	3,400	
East North Central.....	372	602	790	703	901	828	73	929	832	96	3,000	
Ohio.....	17	13	16	12	16	12	4	9	6	3	300	
Indiana.....	11	35	38	35	37	37	—	31	31	—	800	
Illinois.....	43	50	51	49	54	49	5	42	38	3	1,200	
Michigan.....	167	258	368	344	399	384	15	419	381	38	300	
Wisconsin.....	134	247	318	263	306	347	49	427	376	51	400	
West North Central.....	257	279	537	501	629	577	52	1,594	1,552	42	6,400	
Minnesota.....	88	122	158	126	181	138	43	186	152	33	200	
Iowa.....	138	124	127	127	137	137	—	136	136	(?)	500	
Missouri.....	12	13	151	151	151	151	—	293	293	—	2,800	
North Dakota.....	—	—	(?)	—	—	—	—	400	400	—	200	
South Dakota.....	5	4	4	4	11	3	8	333	324	8	1,700	
Nebraska.....	7	11	87	86	142	142	(?)	240	240	(?)	700	
Kansas.....	7	6	9	7	6	6	—	6	6	—	300	
South Atlantic.....	589	1,603	2,224	1,803	2,767	2,297	470	3,773	3,592	181	8,400	
Delaware.....	—	—	(?)	—	—	—	—	1	—	—	—	
Maryland.....	1	272	273	271	272	271	1	272	271	1	400	
District of Columbia.....	—	—	2	2	3	3	—	3	3	—	—	
Virginia.....	45	83	204	182	207	183	24	416	396	20	1,500	
West Virginia.....	9	56	209	101	208	101	107	208	101	107	2,200	
North Carolina.....	144	397	651	400	662	300	1,220	1,206	14	1,400		
South Carolina.....	231	509	520	495	679	653	26	958	932	26	800	
Georgia.....	165	271	340	337	425	412	13	653	640	13	2,000	
Florida.....	4	14	14	13	13	13	—	42	42	—	100	
East South Central.....	170	863	1,270	1,140	2,729	2,721	8	3,750	3,742	8	4,600	
Kentucky.....	—	105	111	111	271	271	—	541	541	—	1,700	
Tennessee.....	97	127	432	310	1,238	1,238	—	1,910	1,910	—	300	
Alabama.....	72	632	727	719	1,220	1,212	8	1,299	1,291	8	2,200	
Mississippi.....	—	—	—	—	—	—	—	—	—	—	400	
West South Central.....	4	19	140	139	466	463	3	944	944	(?)	3,900	
Arkansas.....	1	11	67	67	148	145	3	388	388	—	1,500	
Louisiana.....	—	—	1	—	—	—	—	—	—	—	100	
Oklahoma.....	1	2	2	2	74	74	—	165	165	(?)	800	
Texas.....	2	6	71	71	245	245	(?)	391	390	(?)	1,500	
Mountain.....	487	784	1,583	1,581	2,286	2,282	4	4,621	4,618	2	23,600	
Montana.....	212	300	321	321	427	426	1	1,235	1,235	—	8,800	
Idaho.....	135	225	287	257	441	440	1	1,251	1,250	(?)	9,000	
Wyoming.....	2	12	47	47	79	79	—	189	189	—	1,000	
Colorado.....	48	52	67	66	92	91	1	253	253	(?)	1,800	
New Mexico.....	1	1	1	1	25	25	—	25	25	—	200	
Arizona.....	23	87	293	293	541	541	—	950	950	—	4,100	
Utah.....	58	98	93	92	94	94	—	100	100	1	1,100	
Nevada.....	9	9	505	504	587	586	1	587	586	1	100	
Pacific <sup>1</sup> .....	372	2,391	2,783	2,741	5,979	5,933	46	13,490	13,441	50	53,800	
Washington.....	241	596	812	784	2,591	2,564	27	7,002	6,974	27	18,300	
Oregon.....	65	156	286	278	783	766	17	2,434	2,414	20	5,900	
California.....	566	1,640	1,685	1,680	2,606	2,604	2	4,054	4,052	2	10,800	
Alaska.....	(?)	(?)	(?)	(?)	(?)	(?)	(?)	(?)	(?)	(?)	18,800	
Hawaii.....	(?)	(?)	(?)	(?)	(?)	(?)	(?)	(?)	(?)	(?)	300	

<sup>1</sup> Excludes Alaska and Hawaii, except for estimated undeveloped water power.<sup>2</sup> Less than 500. <sup>3</sup> Not available.

Source: Federal Power Commission; annual summaries and related monthly reports.



# **No. 722. ELECTRIC LIGHT AND POWER INDUSTRY—ENERGY GENERATED, SALES, REVENUE, AND CUSTOMERS: 1940 TO 1961**

[Beginning 1960, includes Alaska and Hawaii. Beginning 1960, the classification of "rural" is allocated to the appropriate other classes of service]

CLASS	1940	1945	1950	1955	1960	1961
Energy generated <sup>1</sup> .....million kilowatt-hours..	141,837	222,486	320,141	547,038	750,296	<sup>2</sup> 795,237
<b>Sales to ultimate customers.....do.....</b>	<b>118,643</b>	<b>193,558</b>	<b>280,539</b>	<b>480,921</b>	<b>683,199</b>	<b>720,728</b>
Residential or domestic.....do.....	23,317	34,184	67,030	120,524	196,400	209,021
Rural (distinct rural rates).....do.....	1,991	3,669	7,400	10,751	—	—
Commercial and industrial:						
Small light and power.....do.....	22,373	30,438	50,446	76,254	114,806	134,864
Large light and power.....do.....	59,657	107,490	139,065	253,711	344,799	347,427
All other.....do.....	11,406	17,777	16,508	19,681	27,194	29,416
<b>Revenue from ultimate customers...\$1,000,000...</b>	<b>2,440</b>	<b>3,342</b>	<b>5,086</b>	<b>8,020</b>	<b>11,516</b>	<b>12,169</b>
Residential or domestic.....do.....	896	1,167	1,932	3,187	4,856	5,116
Rural (distinct rural rates).....do.....	49	90	188	229	—	—
Commercial and industrial:						
Small light and power.....do.....	689	850	1,334	1,909	2,828	3,168
Large light and power.....do.....	631	1,002	1,405	2,360	3,334	3,370
All other.....do.....	174	232	288	336	498	515
<b>Ultimate customers, Dec. 31.....1,000...</b>	<b>30,191</b>	<b>34,031</b>	<b>44,986</b>	<b>52,559</b>	<b>58,070</b>	<b>60,130</b>
Residential or domestic.....do.....	24,952	28,117	37,533	44,409	51,440	52,569
Rural (distinct rural rates).....do.....	686	1,234	1,596	1,648	—	—
Commercial and industrial:						
Small light and power.....do.....	4,260	4,398	5,466	6,020	6,760	6,844
Large light and power.....do.....	178	162	235	311	454	515
All other.....do.....	115	119	187	171	210	202

<sup>1</sup> Figures obtained by Edison Electric Institute from Federal Power Commission, except that estimates by Edison Electric Institute included for Alaska and Hawaii.

<sup>2</sup> Preliminary.

Source: Edison Electric Institute, New York, N.Y.; annual statistical bulletin.

## **No. 723. CONSUMPTION OF FUELS BY ELECTRIC UTILITIES: 1920 TO 1961**

[For years ending December 31. Excludes Alaska and Hawaii. Use of fuels for stand-by purposes is included. See also *Historical Statistics, Colonial Times to 1957*, series S 36-43]

YEAR	Net generation by fuel <sup>1</sup>	FUEL CONSUMED									
		Total coal equivalent	Coal				Oil	Gas	Per kilowatt-hour		
			Total <sup>2</sup>	Bituminous	Anthracite	Coal			Oil	Gas	
	<i>Mil. kw.-hr.</i>	<i>1,000 short tons</i>	<i>1,000 short tons</i>	<i>1,000 short tons</i>	<i>1,000 short tons</i>	<i>1,000 gal. 42-gal. bbl.</i>	<i>Mil. cu. ft.</i>	<i>Lb.</i>	<i>Gal.</i>	<i>Cu. ft.</i>	
1920.....	23,496	35,791	31,640	30,099	1,540	12,690	22,136	3.0	0.254	36.9	
1925.....	39,443	40,014	35,615	33,803	1,812	9,794	45,472	2.0	0.165	23.9	
1930.....	59,583	47,545	40,278	38,130	2,148	8,805	119,553	1.60	0.132	19.0	
1935.....	56,689	40,797	32,715	30,936	1,779	11,257	124,118	1.44	0.118	17.0	
1940.....	93,963	62,942	51,474	47,721	2,348	16,325	180,096	1.34	0.112	16.5	
1945.....	142,331	92,642	74,725	70,621	3,122	20,228	326,212	1.30	0.109	16.5	
1950.....	232,813	138,421	91,871	86,855	3,609	75,420	628,919	1.19	0.094	14.1	
1951.....	270,631	154,498	105,798	100,378	3,870	63,945	763,898	1.14	0.094	13.5	
1952.....	293,640	160,872	107,071	101,795	3,762	67,218	910,117	1.10	0.095	13.3	
1953.....	337,042	178,491	115,897	110,774	3,614	82,238	1,034,272	1.06	0.090	13.0	
1954.....	364,354	180,367	118,385	113,600	3,166	66,746	1,165,498	0.99	0.089	12.4	
1955.....	433,786	206,929	143,769	138,883	3,209	75,274	1,153,280	0.95	0.085	12.1	
1956.....	478,487	223,733	158,279	153,492	3,296	72,711	1,239,311	0.94	0.085	11.9	
1957.....	501,098	232,576	160,769	156,055	3,363	79,693	1,336,141	0.93	0.083	11.7	
1958.....	504,497	228,136	165,724	161,756	2,786	77,668	1,372,853	0.90	0.081	11.5	
1959.....	571,883	254,825	168,423	164,431	2,629	88,263	1,628,509	0.89	0.079	11.1	
1960.....	607,142	266,064	176,034	173,882	2,751	85,340	1,724,762	0.88	0.078	10.9	
1961 (prel.).....	<sup>3</sup> 640,178	276,388	182,140	179,631	2,509	85,654	1,825,341	0.86	( <sup>4</sup> )	( <sup>4</sup> )	

<sup>1</sup> Beginning 1961, includes limited output by use of wood, waste, and nuclear fuel.

<sup>2</sup> Includes lignite.

<sup>3</sup> Includes 1,680,902,000 kw.-hr. from nuclear stations and 213,540,000 kw.-hr. from wood and waste.

<sup>4</sup> Not available.

Source: Federal Power Commission; annual summaries and related monthly reports.

# No. 724. ELECTRIC UTILITIES—BALANCE SHEET AND INCOME ACCOUNT OF PRIVATELY OWNED CLASS A AND B COMPANIES: 1940 to 1960

[In millions of dollars. For years ending December 31. Beginning 1958, includes Alaska and 1959, Hawaii. Data cover reports of all companies with annual electric revenues over \$250,000, representing about 98 percent of the privately owned industry. See also *Historical Statistics, Colonial Times to 1957*, series V 128-142]

ITEM	1940	1945	1950	1955	1957	1958	1959	1960
<b>COMPOSITE BALANCE SHEET</b>								
<b>Assets and other debits.....</b>	<b>15,579</b>	<b>14,568</b>	<b>20,590</b>	<b>31,081</b>	<b>36,498</b>	<b>39,384</b>	<b>42,212</b>	<b>44,856</b>
Utility plant and adjustments.....	14,407	14,491	21,443	33,709	39,991	43,485	46,852	50,308
Reserve for depreciation and amortization.....	1,913	3,065	4,385	6,406	7,570	8,203	8,078	9,894
Utility plant less reserves.....	12,494	11,426	17,056	27,303	32,421	35,282	37,874	40,444
Investment and fund accounts.....	1,380	1,089	1,235	1,933	1,979	1,008	1,058	1,005
Current and accrued assets.....	1,123	1,696	2,058	2,567	2,790	2,773	2,943	3,066
Other assets.....	582	357	230	277	298	321	337	341
<b>Liabilities and other credits.....</b>	<b>15,579</b>	<b>14,568</b>	<b>20,590</b>	<b>31,081</b>	<b>36,498</b>	<b>39,384</b>	<b>42,212</b>	<b>44,856</b>
Capital stock.....	6,571	6,062	7,944	11,231	12,487	13,286	14,100	14,811
Capital surplus.....	257	239	324	330	352	356	358	350
Earned surplus.....	860	766	1,346	2,191	2,718	3,042	3,350	3,730
Long-term debt.....	6,895	6,141	9,189	14,330	17,051	18,679	19,834	21,037
Current and accrued liabilities.....	692	965	1,527	2,381	2,804	2,781	2,965	3,112
Accumulated deferred taxes on income.....				261	694	920	1,168	1,325
Other liabilities.....	304	395	261	358	392	420	444	465
<b>COMPOSITE INCOME ACCOUNT</b>								
Electric operating revenues.....	2,404	3,171	4,784	7,199	8,308	8,708	9,498	10,116
Electric operating revenue deductions.....	1,667	2,409	3,828	5,702	6,603	6,856	7,458	7,917
Net electric operating revenues.....	737	763	956	1,497	1,705	1,852	2,040	2,199
Income from electric plant leased to others.....	8	5	5	3	3	3	2	2
Electric utility operating income.....	744	768	961	1,500	1,708	1,855	2,042	2,201
Other utility operating income.....	61	65	72	119	144	161	180	196
Total utility operating income.....	805	833	1,033	1,620	1,852	2,016	2,222	2,397
Other income.....	68	54	68	63	64	58	64	70
Gross income.....	873	887	1,101	1,683	1,916	2,074	2,286	2,476
Income deductions.....	325	353	279	439	503	555	630	693
Net income.....	548	534	822	1,244	1,413	1,519	1,656	1,783

<sup>1</sup> Less reserves.

Source: Federal Power Commission; annual report, *Statistics of Electric Utilities in the United States*.

# No. 725. RURAL ELECTRIFICATION ADMINISTRATION—ELECTRIC PROGRAM, SUMMARY OF OPERATIONS: 1935 to 1961

[Includes data from date of first loan to borrowers in Virgin Islands (1940), Alaska (1941), and Puerto Rico (1952)]

YEAR	LOANS APPROVED, CUMULATIVE, DEC. 31 <sup>1</sup>		SYSTEMS IN OPERATION, DEC. 31 <sup>2</sup>			BORROWERS' OPERATIONS DURING YEAR <sup>3</sup>			
	Borrowers <sup>2</sup>	Amount	Systems <sup>4</sup>	Miles energized <sup>5</sup>	Consumers served <sup>6</sup>	Energy generated	Energy purchased	Energy distributed	Revenue
	Number	Mil. dol.	Number	1,000 miles	1,000	Mil. kw.-hr.	Mil. kw.-hr.	Mil. kw.-hr.	Mil. dol.
1935.....			2	0	0				
1940.....	791	351	685	268	674				
1945.....	961	667	848	450	1,409	( <sup>7</sup> ) 258	2,345	2,136	74
1950.....	1,076	2,312	1,007	1,089	3,413	1,077	8,165	7,779	241
1955.....	1,077	3,125	1,026	1,362	4,251	3,255	18,457	19,200	455
1956.....	1,077	3,343	1,026	1,383	4,362	3,612	20,970	21,907	498
1957.....	1,079	3,634	1,030	1,405	4,466	3,291	23,335	23,745	531
1958.....	1,081	3,847	1,030	1,424	4,696	3,482	26,004	26,486	571
1959.....	1,085	4,011	1,032	1,446	4,722	4,404	29,366	30,403	627
1960.....	1,087	4,256	1,038	1,465	4,826	4,922	32,124	33,336	673
1961 (prel.).....	1,091	4,509	1,038	1,483	4,950	5,231	34,383	35,558	711

<sup>1</sup> Net; i. e., excludes loans rescinded. For years prior to 1948, includes amounts not yet under loan contract.

<sup>2</sup> Organizations, mainly cooperatives, to which loans for extending central station electric service in rural areas are made.

<sup>3</sup> Includes data at time of repayment of loan for borrowers whose loans have been repaid in full. As of Dec. 31, 1961, there were 57 such borrowers, with 15,202 miles energized and 72,255 consumers served.

<sup>4</sup> Rural electric distribution, generation, and transmission systems operated by REA borrowers.

<sup>5</sup> Pole miles of electric distribution and transmission line in service.

<sup>6</sup> Through 1954, this item was headed "Consumers connected." The change was a result of a revised definition of a consumer as reported by REA borrowers, effective Jan. 1, 1955. It resulted in a downward adjustment in the national total of about 60,000 for 1955, chiefly through elimination of idle services.

<sup>7</sup> Includes energy sales and revenues of power sold by one REA borrower to another. <sup>8</sup> Not available.

Source: Department of Agriculture, Rural Electrification Administration; published in *Agricultural Statistics*.

**No. 726. INVESTOR-OWNED GAS UTILITY AND PIPELINE INDUSTRY—COMPOSITE BALANCE SHEET AND INCOME ACCOUNT: 1940 TO 1960**

[In millions of dollars. Beginning 1960, includes Hawaii. Represents companies owned by private investors. Excludes operations of companies distributing gas in bottles or in tanks]

ITEM	1940	1945	1950	1955	1957	1958	1959	1960
<b>COMPOSITE BALANCE SHEET</b>								
<b>Assets and other debits.....</b>	<b>4,980</b>	<b>5,610</b>	<b>9,010</b>	<b>15,435</b>	<b>19,150</b>	<b>20,730</b>	<b>22,845</b>	<b>24,570</b>
Utility plant and adjustments.....	4,330	4,770	7,620	13,305	16,155	17,465	19,200	20,835
Investment and fund accounts.....	200	185	360	525	1,030	1,180	1,300	1,380
Current and accrued assets.....	360	590	970	1,465	1,790	1,905	2,150	2,185
Deferred debits <sup>1</sup> .....	90	65	60	140	175	180	195	170
<b>Liabilities and other credits.....</b>	<b>4,980</b>	<b>5,610</b>	<b>9,010</b>	<b>15,435</b>	<b>19,150</b>	<b>20,730</b>	<b>22,845</b>	<b>24,570</b>
Capital stock.....	1,740	1,705	2,405	3,905	4,580	5,005	5,490	5,785
Long-term debt.....	1,575	1,495	3,145	5,900	7,405	8,095	8,740	9,130
Current and accrued liabilities.....	245	350	735	1,390	1,885	1,960	2,195	2,420
Reserve for depreciation, retirement, depletion, etc.....	370	1,400	1,740	2,775	3,280	3,690	4,065	4,570
Capital surplus.....	(2)	120	135	200	240	180	160	145
Retained income.....	(2)	375	720	1,040	1,320	1,480	1,660	1,880
Other liabilities and credits.....	550	165	130	225	380	410	535	610
<b>COMPOSITE INCOME ACCOUNT</b>								
Operating revenues.....	1,054	1,363	2,553	5,063	6,194	6,856	7,690	8,696
Operating revenue deductions.....	839	1,152	2,182	4,398	5,380	5,966	6,696	7,587
Net operating revenues.....	215	211	371	665	814	890	994	1,109
Income from utility plant leased to others.....	-1	(3)	1	2	2	2	3	3
Utility operating income.....	214	211	372	667	816	892	997	1,112
Other income (nonoperating).....	9	15	33	48	79	84	78	110
Gross income.....	223	226	405	715	895	976	1,075	1,222
Income deductions.....	78	74	88	206	268	308	343	392
Net income.....	145	152	317	509	627	668	732	830

<sup>1</sup> Includes capital stock discount and expense and reacquired securities. Subsequent to 1957, reacquired securities are deducted from the appropriate capital account.

<sup>2</sup> Not available.

<sup>3</sup> Less than \$500,000.

Source: American Gas Association, New York, N. Y.; yearbook, *Gas Facts*.

**No. 727. GAS UTILITY INDUSTRY—CUSTOMERS AND REVENUES, BY CLASS OF SERVICE: 1935 TO 1961**

[Beginning 1960, includes Hawaii. Covers natural, manufactured, mixed, and liquid petroleum gas. Based on questionnaire mailed to all privately owned gas utilities and municipally owned gas departments in the United States, except those with annual revenues less than \$25,000, which in the aggregate account for only a negligible portion of the industry]

YEAR	CUSTOMERS (1,000) <sup>1</sup>					REVENUES (\$1,000,000) <sup>2</sup>				
	Total	Residential	Commercial	Industrial	Other	Total	Residential	Commercial	Industrial	Other
1935.....	15,819	14,725	1,014	72	8	727	503	91	130	2
1940.....	17,600	16,381	1,138	73	8	872	573	112	182	5
1945.....	19,977	18,607	1,278	80	12	1,153	705	149	281	18
1950.....	24,001	22,146	1,739	100	16	1,948	1,177	266	480	26
1954.....	27,528	25,398	1,990	112	28	3,049	1,783	378	821	68
1955.....	28,479	26,283	2,048	121	27	3,450	2,007	424	938	81
1957.....	30,476	28,101	2,211	132	32	4,134	2,379	500	1,150	99
1958.....	31,242	28,787	2,287	134	35	4,568	2,658	571	1,229	111
1959.....	32,066	29,530	2,304	136	36	5,065	2,870	633	1,431	131
1960.....	33,054	30,418	2,458	140	38	5,617	3,177	723	1,503	153
1961 (prel.).....	33,877	31,163	2,529	146	39	6,031	3,414	790	1,654	167

<sup>1</sup> Yearly averages.

<sup>2</sup> Excludes revenues from sales for resale.

Source: American Gas Association, New York, N. Y.; yearbook, *Gas Facts*.

# No. 728. GAS UTILITY INDUSTRY—CUSTOMERS AND REVENUES, BY TYPE OF GAS, CLASS OF SERVICE, AND STATES: 1960

[See headnote, table 727]

TYPE OF GAS AND STATE	CUSTOMERS (1,000) <sup>1</sup>					REVENUES (\$1,000,000) <sup>2</sup>				
	Total	Residential	Commercial	Industrial	Other	Total	Residential	Commercial	Industrial	Other
<b>United States <sup>3</sup></b>	<b>33,053.8</b>	<b>30,417.5</b>	<b>2,458.3</b>	<b>140.6</b>	<b>37.4</b>	<b>5,617</b>	<b>3,177</b>	<b>723</b>	<b>1,563</b>	<b>153</b>
Natural gas.....	30,554.0	28,086.9	2,300.9	129.9	36.3	5,307	2,939	685	1,531	152
Manufactured gas.....	176.2	163.8	11.7	0.5	0.2	21	15	3	3	(4)
Mixed gas.....	2,108.2	2,053.7	133.4	10.2	0.9	277	214	32	30	1
L.P. gas.....	125.4	113.1	12.3	(5)	(5)	13	9	3	(4)	(4)
<b>New England</b>	<b>1,622.6</b>	<b>1,523.6</b>	<b>88.4</b>	<b>9.7</b>	<b>0.9</b>	<b>213</b>	<b>157</b>	<b>28</b>	<b>26</b>	<b>2</b>
Connecticut.....	376.7	351.9	22.5	2.2	0.1	52	36	7	9	(4)
Maine.....	33.4	31.7	1.6	0.1	—	4	3	1	(4)	—
Massachusetts.....	1,002.3	942.2	54.0	5.4	0.7	132	100	18	13	1
New Hampshire.....	37.4	34.8	2.3	0.2	0.1	5	4	1	(4)	(4)
Rhode Island.....	155.9	146.9	7.2	1.8	(5)	19	13	2	3	(4)
Vermont.....	16.9	16.1	0.8	(5)	(5)	1	1	(4)	(4)	(4)
<b>Middle Atlantic</b>	<b>7,607.6</b>	<b>7,051.8</b>	<b>516.4</b>	<b>29.3</b>	<b>10.1</b>	<b>1,069</b>	<b>726</b>	<b>145</b>	<b>187</b>	<b>11</b>
New Jersey.....	1,504.9	1,371.7	127.2	6.0	(5)	192	140	29	23	(4)
New York.....	3,953.5	3,665.0	266.6	14.9	7.0	463	330	72	53	7
Pennsylvania.....	2,149.2	2,015.1	122.6	8.4	3.1	413	255	44	111	3
<b>East North Central</b>	<b>7,318.9</b>	<b>6,799.5</b>	<b>482.4</b>	<b>27.7</b>	<b>9.3</b>	<b>1,394</b>	<b>871</b>	<b>177</b>	<b>333</b>	<b>13</b>
Illinois.....	2,273.4	2,147.5	117.8	12.4	1.7	394	261	37	94	1
Indiana.....	780.0	718.2	57.8	2.3	1.7	136	73	16	45	2
Michigan.....	1,502.1	1,382.0	114.4	5.7	(5)	290	191	41	56	1
Ohio.....	2,208.4	2,039.0	158.7	4.8	5.9	484	285	72	120	7
Wisconsin.....	549.0	512.8	33.7	2.5	(5)	91	60	12	17	2
<b>West North Central</b>	<b>2,655.5</b>	<b>2,420.3</b>	<b>218.4</b>	<b>15.8</b>	<b>1.0</b>	<b>541</b>	<b>304</b>	<b>79</b>	<b>140</b>	<b>17</b>
Iowa.....	440.4	395.9	43.2	1.2	0.1	66	55	18	21	3
Kansas.....	532.8	483.2	46.6	2.8	0.2	101	43	12	38	7
Minnesota.....	476.1	443.2	29.7	3.1	0.1	114	72	13	28	1
Missouri.....	316.8	275.3	57.1	3.3	0.1	145	89	20	34	2
Nebraska.....	288.4	251.9	31.0	5.1	0.4	66	34	11	17	4
North Dakota.....	39.4	35.2	4.1	0.1	(5)	4	2	(4)	(4)	(4)
South Dakota.....	61.6	54.6	0.7	0.2	0.1	14	7	3	3	(4)
<b>South Atlantic</b>	<b>2,507.3</b>	<b>2,297.0</b>	<b>196.3</b>	<b>8.8</b>	<b>5.2</b>	<b>476</b>	<b>260</b>	<b>62</b>	<b>146</b>	<b>8</b>
Delaware.....	64.2	60.8	3.3	0.1	(5)	10	7	1	2	(4)
District of Columbia.....	177.8	157.7	18.1	0.9	1.1	27	19	6	(4)	1
Florida.....	244.1	225.0	18.4	0.2	0.5	48	12	7	28	1
Georgia.....	534.9	490.9	40.6	3.2	0.2	105	53	13	38	1
Maryland.....	558.7	521.8	34.7	1.5	0.7	87	65	9	13	(4)
North Carolina.....	121.6	106.1	14.3	1.2	(5)	31	12	5	14	1
South Carolina.....	87.0	76.7	9.7	0.4	0.2	23	8	3	13	(4)
Virginia.....	361.8	332.9	27.2	0.8	0.9	68	43	9	13	2
West Virginia.....	357.2	325.1	30.0	0.5	1.6	78	42	9	25	2
<b>East South Central</b>	<b>1,470.9</b>	<b>1,320.4</b>	<b>133.0</b>	<b>4.9</b>	<b>3.6</b>	<b>313</b>	<b>142</b>	<b>42</b>	<b>118</b>	<b>12</b>
Alabama.....	453.3	419.9	31.5	0.9	1.0	94	43	10	40	1
Kentucky.....	432.9	393.1	37.8	0.7	1.3	80	47	11	19	3
Mississippi.....	271.2	239.7	29.4	1.6	0.5	60	21	7	30	3
Tennessee.....	313.5	276.7	34.3	1.7	0.8	79	31	14	29	6
<b>West South Central</b>	<b>3,840.3</b>	<b>3,467.5</b>	<b>338.0</b>	<b>29.3</b>	<b>5.5</b>	<b>642</b>	<b>235</b>	<b>59</b>	<b>321</b>	<b>27</b>
Arkansas.....	299.1	259.5	37.6	1.9	0.1	58	21	8	28	1
Louisiana.....	701.2	644.0	52.4	2.9	1.0	142	36	7	95	3
Oklahoma.....	602.8	541.4	56.5	3.6	1.3	58	43	11	25	9
Texas.....	2,237.2	2,021.7	191.5	20.9	3.1	354	135	32	172	14
<b>Mountain</b>	<b>1,267.8</b>	<b>1,131.5</b>	<b>130.1</b>	<b>4.4</b>	<b>1.8</b>	<b>247</b>	<b>112</b>	<b>39</b>	<b>89</b>	<b>8</b>
Arizona.....	300.3	271.4	27.2	1.5	0.2	52	20	6	26	(4)
Colorado.....	388.4	342.4	45.4	0.5	0.1	69	34	15	18	2
Idaho.....	27.0	21.7	5.2	0.1	(5)	12	3	2	6	(4)
Montana.....	118.6	105.1	13.0	0.5	(5)	22	11	5	5	1
Nevada.....	24.6	23.3	1.3	(5)	(5)	9	3	1	6	(4)
New Mexico.....	176.6	158.5	15.7	1.3	1.1	39	16	4	15	4
Utah.....	166.5	151.7	14.5	0.3	(5)	32	19	3	10	(4)
Wyoming.....	65.8	57.4	7.8	0.2	0.4	12	6	2	3	1
<b>Pacific <sup>4</sup></b>	<b>4,762.9</b>	<b>4,396.9</b>	<b>355.3</b>	<b>10.7</b>	<b>(5)</b>	<b>724</b>	<b>370</b>	<b>93</b>	<b>204</b>	<b>57</b>
California.....	4,506.0	4,176.0	320.7	9.0	(5)	653	344	80	174	57
Oregon.....	105.6	92.2	12.5	0.9	(5)	25	11	4	9	(4)
Washington.....	110.9	90.5	19.8	0.6	(5)	40	12	8	20	(4)
Hawaii.....	39.8	37.3	2.3	0.2	(5)	5	3	1	1	—

<sup>1</sup> Averages for the year. <sup>2</sup> Excludes revenues from sales for resale. <sup>3</sup> Excludes Alaska.<sup>4</sup> Less than \$500,000. <sup>5</sup> Less than 50 customers.

Source: American Gas Association, New York, N.Y.; yearbook, Gas Facts.

### No. 729. UTILITY GAS MAINS—MILEAGE, BY TYPE OF GAS AND BY TYPE OF MAIN: 1945 TO 1961

[As of December 31. Beginning 1960, includes Hawaii. Excludes service pipe. Data not adjusted to common diameter equivalent]

TYPE OF GAS AND MAIN	1945	1950	1954	1955	1957	1958	1959	1960	1961 (prel.)
All types, total.....	310, 670	387, 470	470, 490	496, 740	548, 820	571, 500	599, 830	632, 130	658, 300
Field and gathering.....	27, 000	32, 850	43, 790	45, 680	50, 020	52, 010	54, 130	50, 800	59, 500
Transmission.....	82, 190	113, 050	138, 980	145, 970	100, 110	165, 300	174, 280	183, 830	191, 900
Distribution.....	201, 480	241, 570	287, 720	305, 090	338, 690	354, 130	371, 420	391, 500	406, 900
Natural gas.....	218, 000	314, 480	420, 860	448, 770	514, 960	540, 790	573, 950	609, 160	637, 120
Field and gathering.....	27, 000	32, 850	43, 790	45, 680	50, 020	52, 010	54, 130	56, 800	59, 500
Transmission.....	77, 280	109, 360	135, 370	142, 490	157, 540	162, 990	172, 160	181, 940	190, 120
Distribution.....	113, 720	172, 270	241, 700	260, 600	307, 400	325, 790	347, 600	370, 420	387, 500
Manufactured gas.....	72, 000	55, 420	14, 240	11, 960	6, 350	4, 460	1, 810	1, 570	1, 550
Transmission.....	3, 410	2, 230	650	420	180	50	30	20	20
Distribution.....	68, 590	53, 190	13, 590	11, 540	6, 170	4, 410	1, 780	1, 550	1, 530
Mixed gas.....	18, 060	11, 990	30, 740	31, 440	24, 090	23, 080	21, 580	19, 460	17, 720
Transmission.....	1, 480	1, 370	2, 890	2, 990	2, 320	2, 250	2, 070	1, 800	1, 750
Distribution.....	17, 180	10, 620	27, 850	28, 450	21, 770	20, 830	19, 510	17, 590	15, 970
Liquefied petroleum gas.....	2, 010	5, 580	4, 650	4, 570	3, 420	3, 170	2, 490	1, 950	1, 910
Transmission.....	29	90	70	70	70	70	20	10	10
Distribution.....	1, 990	5, 490	4, 580	4, 500	3, 350	3, 100	2, 470	1, 940	1, 900

Source: American Gas Association, New York, N. Y.; yearbook, *Gas Facts*.

### No. 730. ATOMIC ENERGY PROGRAM—APPROPRIATIONS, INVESTMENTS, COSTS, AND EMPLOYMENT: 1950 TO 1961

[Money figures are in millions of dollars. For years ending June 30]

ITEM	1950	1955	1957	1958	1959	1960	1961
Appropriations received.....	703	1, 210	1, 899	2, 334	2, 635	2, 650	2, 667
Operations.....		1, 090	1, 740	2, 225	2, 385	2, 387	2, 456
Plant and equipment.....		111	158	109	250	263	211
Plant investment, year end.....	2, 104	6, 487	6, 908	7, 111	7, 293	7, 345	7, 665
Completed plant.....	1, 809	5, 858	6, 597	6, 840	7, 043	7, 018	7, 202
Production plants.....	1, 251	4, 646	5, 363	5, 495	5, 553	5, 458	5, 454
Research facilities.....	184	707	793	938	1, 125	1, 271	1, 434
Communities.....	262	209	267	229	179	86	78
Other.....	112	206	144	178	187	203	236
Construction in progress.....	295	629	311	271	250	327	403
Cost of operations <sup>1</sup> .....	415	1, 290	1, 918	2, 209	2, 497	2, 619	2, 616
Procurement of raw materials.....	39	194	398	596	700	717	637
Production of nuclear materials.....	130	588	763	750	713	731	733
Weapons development and fabrication.....	112	259	337	444	492	505	516
Development of nuclear reactors.....	31	115	256	306	356	399	437
Civilian.....	1	28	58	79	105	100	102
Military.....	9	53	169	185	202	187	201
Other.....	21	34	29	43	48	112	134
Physical research.....	20	48	70	88	112	133	154
Controlled thermonuclear.....		5	11	19	29	22	39
High energy physics.....	5	9	18	19	28	32	48
Other.....	24	35	41	50	57	68	76
Research in life sciences.....	18	29	33	36	43	49	54
Community operations (net).....	20	10	9	11	10	7	4
Administrative expenses.....	23	34	38	46	50	51	57
Other expenses and income (net).....	13	13	15	21	21	27	24
Employment.....	63, 739	112, 555	119, 368	120, 973	121, 853	122, 718	122, 989
Federal Government.....	4, 941	6, 013	6, 923	7, 021	6, 785	6, 907	6, 846
Contractor operating.....	39, 695	82, 936	98, 170	103, 280	105, 195	104, 612	103, 313
Contractor construction and design.....	19, 703	23, 606	14, 369	10, 662	8, 878	11, 199	12, 630

<sup>1</sup> Includes depreciation.

Source: Atomic Energy Commission; *Annual Financial Report, 1961*.

## No. 731. ATOMIC ENERGY PROGRAM—SUMMARY: 1950 to 1961

[As of December 31 or calendar years, except as noted]

ITEM	1950	1955	1957	1958	1959	1960	1961
Operating contractors <sup>1</sup> .....	34	64	72	84	94	91	97
Construction and design contractors <sup>1</sup> .....	28	18	20	38	34	39	29
Offsite research contracts with educational, medical, and other nonprofit institutions: <sup>2</sup>							
Number of institutions.....	100	187	203	225	216	222	229
Number of contracts.....	251	731	817	882	942	996	1,072
Nuclear reactors in U.S.:							
Civilian reactors:							
Electric power prototypes.....			1	1	2	3	3
Experimental electric power.....		2	8	7	7	7	8
Propulsion prototypes and experiments.....					1	4	5
General irradiation test.....		1	2	3	4	2	2
Research.....	0	11	18	26	31	35	40
Teaching.....			14	21	20	30	37
Military reactors:							
Electric power.....			1	2	3	5	6
Naval propulsion.....		1	3	6	11	15	37
Other propulsion prototypes and experiments.....		2	4	6	7	8	8
Test and research.....		4	5	6	6	7	11
Production reactors:							
Material production.....	5	13	13	13	13	13	13
Production process development and test.....	1	5	5	5	5	5	6
Licenses in effect:							
Power reactors:							
Construction permits.....			4	4	3	7	7
Licenses to operate.....			1	1	2	3	4
Research reactors:							
Construction permits.....		4	10	10	16	17	15
Licenses to operate.....		2	19	31	39	45	54
Test reactors:							
Construction permits.....			1	3	1	1	-----
Licenses to operate.....					2	2	3
Critical experiment facilities:							
Construction permits.....		2	4	2	1	1	1
Licenses to operate.....			6	10	13	14	14
Production facilities:							
Construction permits.....							1
Operators' licenses.....		3	148	354	465	563	689
Licenses to possess special nuclear materials.....		7	134	236	294	362	450
Licenses to possess source materials.....	647	1,763	1,218	1,412	1,845	1,153	569
Licenses to export reactors issued.....			15	8	12	3	4
Source material export licenses issued.....	(3)	715	800	676	721	696	228
Organizations with byproduct (radioisotope) licenses <sup>4</sup> .....	614	3,016	3,392	4,357	5,505	5,940	6,665
Medical institutions and physicians.....	206	1,173	1,598	1,900	2,286	2,568	2,807
Industrial concerns.....	206	1,266	1,221	1,398	1,623	1,817	1,997
Colleges and universities.....	123	227	220	251	283	297	343
Federal and State laboratories.....	49	258	269	690	1,179	1,153	1,320
Foundations and institutions.....	29	57	41	49	52	55	59
Other.....	1	35	34	69	82	50	60
Radioisotopes: <sup>5</sup>							
Sales <sup>2</sup> .....\$1,000.....	222	1,295	2,660	2,426	2,498	2,209	1,893
Shipments by ORNL.....	7,065	12,749	14,126	14,131	12,950	12,724	12,747
Curies shipped by ORNL.....	1,111	55,772	166,630	228,714	290,365	295,674	445,648
Exports to foreign countries.....\$1,000.....	(3)	1,288	1,367	1,534	1,283	1,084	1,741
Imports from foreign countries.....do.....	6	189	1,823	908	1,145	1,394	1,509
Access permits in effect.....		002	1,404	1,402	1,268	1,006	823
Agreements in effect for foreign cooperation.....	22	30	42	44	44	41	38
Power agreements.....	3	10	13	13	13	14	14
Research agreements.....	19	20	29	31	31	27	24
Sales of heavy water.....tons.....			78	95	59	86	99
Uranium statistics (U. S.):							
Concentrate receipts <sup>2</sup> .....tons of U <sub>3</sub> O <sub>8</sub> .....	3,060	5,940	16,150	26,376	33,326	34,582	32,260
From domestic sources <sup>2</sup> .....do.....	320	2,140	7,584	10,244	15,162	16,567	17,753
From foreign sources <sup>2</sup> .....do.....	2,740	3,800	8,575	16,132	18,164	18,015	14,502
Estimated uranium ore reserves.....1,000 tons.....	2,000	27,000	78,000	82,500	86,000	82,000	74,000
Uranium ore milling capacity.....tons per day.....	800	5,500	11,000	21,000	21,410	22,100	22,600

<sup>1</sup> Represents those whose employees plus first-tier subcontractor employees total 50 or more; operating contractors comprise those engaged in production, research and development, maintenance, and service; excludes supply contractors.

<sup>2</sup> As of June 30.

<sup>3</sup> Not available.

<sup>4</sup> Beginning 1957, data include only parent organizations, which are issued single basic licenses. Subordinate organizations at various locations included for prior years.

<sup>5</sup> The Oak Ridge National Laboratory is the AEC's principal distributor of radioisotopes. Sales are made also by other AEO laboratories and by commercial suppliers. Sales figures include AEO sales made to commercial suppliers but not by them. Shipments to foreign countries are comprised of shipments made by AEO laboratories and by commercial suppliers.

Source: Atomic Energy Commission; *Semiannual Report*, *Annual Report*, and records. Department of Commerce, Bureau of the Census, foreign trade releases.

## No. 732. SHIPMENTS OF ATOMIC ENERGY EQUIPMENT AND PRODUCTS: 1959 AND 1960

[In thousands of dollars. Includes Alaska and Hawaii. Excludes construction expenditures, engineering and design costs, research and development expenditures, and products used in atomic energy work which are not uniquely designed for nuclear applications]

ITEM	1959			1960		
	Total	U.S. Government agencies	Other, including export	Total	U.S. Government agencies	Other, including export
<b>Total</b> .....	<b>242,009</b>			<b>285,647</b>		
Nuclear reactors.....	7,497	(1)	(1)	12,389	(1)	(1)
Reactor components and equipment:						
Primary vessels and tanks.....	19,980	(1)	(1)	11,873	10,064	1,809
Control rod drive mechanisms and components.....	5,404	4,766	638	16,227	12,861	3,366
Accessory instrumentation for reactor control.....	15,933	11,311	4,622	17,668	11,388	6,280
Heat exchangers and condensers.....	27,233	22,903	4,330	19,019	11,932	7,087
Pressurizers, components, and auxiliary equipment.....	3,620	(1)	(1)	2,034	(1)	(1)
Pumps.....	19,455	(1)	(1)	21,390	(1)	(1)
Valves.....	13,984	12,207	1,777	8,319	6,977	1,342
Fuel handling equipment.....	1,747	(1)	(1)	1,950	1,011	939
Complete reactor fuel elements and control rods shipped directly for installation or use in a reactor.....	54,845	(1)	(1)	81,165	73,909	7,256
Partially fabricated reactor fuel element materials and control rods not shipped directly for installation or use in a reactor.....	11,773	(1)	(1)	14,335	11,116	3,219
Core structurals (barrels, cans, boxes, plates, etc., not included above).....	5,255	3,528	1,727	4,034	3,483	551
Reactor moderators, coolants, and reflectors.....	(2)	(2)	(2)	3,278	1,669	1,609
Other specialized reactor components and equipment.....	4,684	2,065	2,616	5,837	3,004	2,233
Hot laboratory equipment.....	3,680	2,783	906	4,150	2,764	1,386
Shielding.....	1,797	1,313	484	5,713	3,066	2,647
Radiation detection and monitoring devices:						
Radiation survey monitoring and control devices.....	10,527	5,829	4,698	30,904	13,260	17,644
Radiation counting equipment.....	15,486	2,825	12,661			
Radioactive isotopes shipped from plants producing isotopes.....	459	58	401	982	55	927
Radiation sources and other radioactive materials produced from purchased isotopes.....	3,749	633	3,116	4,152	652	3,500
Control and measuring devices containing radioactive isotopes.....	8,897	103	8,794	8,946	1,425	7,521
Commercial irradiation service.....						
Conversion of enriched uranium metal and compounds (excluding production or conversion of normal and depleted uranium).....	5,986	2,638	3,348	11,232	5,923	5,359

<sup>1</sup> Withheld to avoid disclosing figures for individual companies.

<sup>2</sup> Included with "Other specialized reactor components and equipment."

Source: Department of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M38Q(60)-1.

## No. 733. EMPLOYMENT IN THE ATOMIC ENERGY FIELD, BY OCCUPATION AND SEGMENT: 1960

[As of January. Includes Alaska and Hawaii. Based on a survey of 158 establishments covering about two-thirds of all workers estimated to be employed in the atomic energy field. Coverage was generally limited to establishments under prime contract to AEC with accumulated obligations in excess of \$1 million as of September 30, 1959. Excludes uranium mining, nuclear instrument manufacturing, and some employees engaged in the manufacture of nuclear reactors and in other fields]

SEGMENT	Total	Scientists	Engineers	Technicians	Other technical personnel	Managerial personnel	Clerical personnel	Skilled workers	Other
<b>All activities</b> .....	<b>125,921</b>	<b>9,488</b>	<b>15,112</b>	<b>14,612</b>	<b>3,744</b>	<b>12,417</b>	<b>18,537</b>	<b>23,881</b>	<b>28,130</b>
AEC research facilities.....	42,172	5,565	6,396	7,203	1,836	3,857	7,355	4,872	5,088
Defense production facilities.....	35,590	1,006	2,608	2,389	945	3,850	4,640	8,473	11,669
Reactor manufacture.....	11,760	717	2,480	1,582	242	1,094	1,985	1,301	2,359
Production of feed materials and enriched uranium.....	11,717	505	690	815	34	1,490	1,532	4,236	2,406
Construction of nuclear facilities.....	6,575	18	1,558	435	513	404	899	1,898	850
Private research laboratories.....	5,295	1,392	722	1,283	115	372	612	293	506
Production of special materials.....	3,584	60	97	246	5	429	406	790	1,551
Uranium milling.....	3,432	90	112	197	34	315	271	921	1,492
Fuel element fabrication.....	2,903	108	251	319	4	246	386	336	1,253
Power reactor operation.....	366	15	102	43	1	30	40	6	130
Miscellaneous.....	2,527	12	87	90	15	330	411	756	826

Source: Department of Labor, Bureau of Labor Statistics; *Employment in the Atomic Energy Field: A 1960 Occupational Survey*, Bulletin No. 1297, April 1961 (House Document No. 191, 87th Congress, 1st Session).

# **NO. 734. FUNDS FOR TOTAL RESEARCH AND DEVELOPMENT AND FOR BASIC RESEARCH, BY SOURCE AND BY PERFORMANCE SECTOR: 1953-54 TO 1960-61**

[In millions of dollars. Includes Alaska and Hawaii, except industry data prior to 1957-58. Hyphenated time periods indicate that data are for a variety of financial years beginning in the earlier year and ending in the later year. Data refer in general to the natural sciences; however, some funds for psychology and the social sciences could not be eliminated]

ITEM AND YEAR	Total	SOURCES OF FUNDS				PERFORMANCE OF RESEARCH AND DEVELOPMENT BY—			
		Federal Government <sup>1</sup>	Indus-try	Colleges and uni-versities <sup>2</sup>	Other non-profit insti-tutions <sup>2</sup>	Federal Govern-ment	Indus-try <sup>4</sup>	Colleges and uni-versities <sup>3</sup>	Other non-profit insti-tutions <sup>3</sup>
RESEARCH AND DEVELOPMENT <sup>4</sup>									
1953-54.....	5,150	2,740	2,240	130	40	970	3,630	450	100
1954-55.....	5,620	3,070	2,365	140	45	950	4,070	480	120
1955-56.....	6,300	3,670	2,510	155	55	1,090	4,640	530	130
1956-57.....	8,610	5,095	3,265	180	70	1,280	6,540	650	140
1957-58.....	10,030	6,380	3,300	190	70	1,440	7,060	780	150
1958-59.....	11,070	7,170	3,620	190	90	1,730	8,300	840	200
1959-60 (prel.).....	12,620	8,290	4,030	200	100	1,830	9,550	1,000	240
1960-61 (prel.).....	14,040	9,220	4,490	210	120	2,060	10,500	1,200	280
BASIC RESEARCH									
1953-54.....	432	105	147	62	28	47	151	208	26
1954-55.....	485	(5)	(5)	70	35	55	166	230	34
1955-56.....	547	(5)	(5)	75	38	65	189	250	43
1956-57.....	694	(5)	(5)	90	46	90	253	300	51
1957-58.....	834	422	249	111	52	111	271	392	60
1958-59.....	1,016	567	273	118	58	221	305	420	70
1959-60 (prel.).....	1,150	646	293	140	71	220	345	500	85
1960-61 (prel.).....	1,302	745	313	161	83	245	382	575	100

<sup>1</sup> Data on sources of funds are based on reports by the performers.

<sup>2</sup> Includes State and local funds received by these institutions and used for research and development.

<sup>3</sup> Includes expenditures at Federal contract research centers administered by organizations in this sector.

<sup>4</sup> Includes basic research, applied research, and development.

<sup>5</sup> Not available on a comparable basis.

Source: National Science Foundation.

# **NO. 735. FUNDS FOR TOTAL RESEARCH AND DEVELOPMENT AND FOR BASIC RESEARCH, BY PERFORMANCE SECTOR, DISTRIBUTED BY SOURCE: 1957-58 TO 1960-61**

[In millions of dollars. See headnote, table 734]

PERFORMANCE SECTOR AND SOURCE OF FUNDS <sup>1</sup>	RESEARCH AND DEVELOPMENT <sup>2</sup>				BASIC RESEARCH			
	1957-58	1958-59	1959-60 (prel.)	1960-61 (prel.)	1957-58	1958-59	1959-60 (prel.)	1960-61 (prel.)
<b>Total funds used.....</b>	<b>10,030</b>	<b>11,070</b>	<b>12,620</b>	<b>14,040</b>	<b>834</b>	<b>1,016</b>	<b>1,150</b>	<b>1,302</b>
<b>Federal Government.....</b>	<b>1,440</b>	<b>1,730</b>	<b>1,830</b>	<b>2,060</b>	<b>111</b>	<b>221</b>	<b>220</b>	<b>245</b>
Federal funds.....	1,440	1,730	1,830	2,060	111	221	220	245
<b>Industry<sup>3</sup>.....</b>	<b>7,660</b>	<b>8,300</b>	<b>9,550</b>	<b>10,500</b>	<b>271</b>	<b>305</b>	<b>345</b>	<b>382</b>
Federal funds.....	4,330	4,760	5,610	6,130	41	55	79	100
Industry funds.....	3,330	3,540	3,940	4,370	230	250	266	282
<b>Colleges and universities<sup>3</sup>.....</b>	<b>780</b>	<b>840</b>	<b>1,000</b>	<b>1,200</b>	<b>392</b>	<b>420</b>	<b>500</b>	<b>575</b>
Federal funds.....	530	570	720	890	240	256	305	350
Industry funds.....	80	40	40	50	14	17	20	23
College and university funds <sup>4</sup> .....	190	190	200	210	111	118	140	161
Other nonprofit institutions funds <sup>4</sup> .....	30	40	40	50	27	29	35	41
<b>Other nonprofit institutions<sup>3</sup>.....</b>	<b>150</b>	<b>200</b>	<b>240</b>	<b>280</b>	<b>60</b>	<b>70</b>	<b>85</b>	<b>100</b>
Federal funds.....	80	110	130	140	30	35	42	50
Industry funds.....	30	40	50	70	5	6	7	8
Other nonprofit institutions funds <sup>4</sup> .....	40	50	60	70	25	29	30	42

<sup>1</sup> Data on sources of funds are based on reports by the performers.

<sup>2</sup> Includes basic research, applied research, and development.

<sup>3</sup> Includes expenditures at Federal contract research centers administered by organizations in this sector.

<sup>4</sup> Includes State and local funds received by these institutions and used for research and development.

Source: National Science Foundation.



NO. 736. FUNDS FOR PERFORMANCE OF TOTAL RESEARCH AND DEVELOPMENT AND OF BASIC RESEARCH, BY INDUSTRY: 1957 TO 1960

**In millions of dollars.** Includes Alaska and Hawaii. Includes Federal funds for research and development and for basic research in industry. Performance of Federal contract research centers administered by industrial firms classified in industry of administering company. Excludes performance by certain industry-oriented organizations, such as trade associations, that account annually for less than 1 percent of the total

INDUSTRY	RESEARCH AND DEVELOPMENT <sup>1</sup>								BASIC RESEARCH, TOTAL FUNDS FOR PERFORMANCE			
	Total funds for performance				Federal funds for industrial performance				1957	1958	1959 (prel.)	1960 (prel.)
	1957	1958 <sup>2</sup>	1959 <sup>2</sup> (prel.)	1960 (prel.)	1957	1958 <sup>2</sup>	1959 <sup>2</sup> (prel.)	1960 (prel.)				
Total.....	7, 664	8, 295	9, 553	10, 497	4, 336	3, 479	5, 610	6, 125	3 271	3 305	3 345	382
Food and kindred products.....	67	75	89	106	(4)	(5)	5	9	4	5	5	5
Paper and allied products.....	45	51	59	66	(4)	-----	1	1	1	(5)	75	81
Industrial chemicals.....	494	563	676	737	130	187	280	297	(5)	21	24	27
Drugs and medicines.....	104	128	147	163	(4)	2	3	5	18	6	7	8
Other chemicals.....	104	115	126	143	1	1	1	2	6	6	7	8
Petroleum refining and extraction <sup>6</sup> .....	224	253	272	289	16	18	24	25	35	44	49	52
Rubber products.....	107	88	111	115	37	21	37	35	4	(5)	3	3
Stone, clay, and glass products.....	59	64	72	82	1	2	2	4	4	4	4	6
Primary metals.....	111	126	138	164	15	15	15	18	6	7	7	8
Fabricated metal products.....	107	128	124	126	42	64	58	54	1	1	1	1
Machinery.....	687	805	946	993	262	331	404	384	17	20	24	28
Electrical equipment and communication <sup>7</sup> .....	1, 775	1, 935	2, 240	2, 405	1, 196	1, 336	1, 575	1, 634	53	63	63	74
Motor vehicles and other transportation equipment.....	702	852	806	849	212	319	249	216	5	(5)	9	9
Aircraft and parts.....	2, 540	2, 551	3, 023	3, 452	2, 210	2, 181	2, 610	3, 027	25	26	42	39
Scientific and mechanical measuring instruments.....	139	156	195	228	90	93	123	145	3	2	3	3
Optical, surgical, photographic, and other instru- ments.....	110	139	153	168	29	44	52	66	6	8	6	6
Other industries.....	291	265	303	358	123	140	172	205	26	21	22	30

<sup>1</sup> Includes basic research, applied research, and development.

\* Revised estimates differ from those previously published.

<sup>a</sup> Includes data for industries which are not available separately.

4 Less than \$500,000.  
5 Not available.

5 Not available.

<sup>3</sup> Excludes geological and geophysical exploration activities of petroleum companies.

<sup>7</sup> These 2 industries have been combined because of the similarity of their research and development activities.

Source: National Science Foundation; data from a survey conducted by Bureau of the Census.

# **No. 737. FEDERAL GOVERNMENT OBLIGATIONS FOR SCIENTIFIC RESEARCH, BY FIELD OF SCIENCE, 1958 TO 1962, AND BY AGENCY, 1961**

[In millions of dollars. For years ending June 30. Includes Alaska and Hawaii. Excludes obligations for development and for research and development plant]

YEAR AND AGENCY	Total re- search	LIFE SCIENCES			Psycho- logical sciences	PHYSICAL SCIENCES			Social sci- ences	Other sci- ences
		Bio- logical	Medi- cal	Agricul- tural		Physical science proper	Math- emat- ics	Engi- neering		
1958.....	1,034	70	214	59	(1)	(1)	(1)	(1)	(1)	(1)
1959.....	1,390	88	268	64	24	288	16	461	31	150
1960.....	1,927	106	342	68	38	421	24	861	35	33
1961 <sup>2</sup> .....	2,295	139	454	88	42	536	27	942	39	34
1962 <sup>2</sup> .....	2,412	151	535	83	50	603	31	1,348	70	41
BY AGENCY, 1961 <sup>2</sup>										
Departments:										
Agriculture.....	165	27	3	85		26		7	18	
Defense <sup>3</sup> .....	872	19	32		16	267	15	490	1	33
Army <sup>4</sup> .....	180	12	10		5	35	3	97	(5)	8
Navy.....	187	4	5		7	46	8	108		0
Air Force.....	317	2	7		4	43	5	243	(5)	14
Advanced Research Projects Agency.....	185					143		42		
Health, Education, and Welfare.....	432	15	378	(5)	20	6	(5)	3	9	
Interior.....	67	19	(5)	(5)	(5)	24	1	22	1	
Atomic Energy Com- mission <sup>5</sup> .....	229	26	19	1		143	4	36		
National Aero. and Space Administration.....	302	2	2		1	21	2	364	1	
National Science Foun- dation.....	77	24	2		3	32	5	8	3	
All other agencies.....	61	1	18	4	2	17	(5)	12	6	1

<sup>1</sup> Not available. <sup>2</sup> Estimated. <sup>3</sup> Excludes pay and allowances of military personnel in research; includes Departmentwide funds not shown separately. <sup>4</sup> Includes civil functions.

<sup>5</sup> Less than \$500,000. <sup>6</sup> Data represent "accrued costs" rather than obligations.

Source: National Science Foundation; annual report, *Federal Funds for Science*.

# **No. 738. FEDERAL GOVERNMENT OBLIGATIONS AND EXPENDITURES FOR RESEARCH AND DEVELOPMENT, BY AGENCY: 1955 TO 1962**

[In millions of dollars. For years ending June 30. Includes Alaska and Hawaii. Includes obligations and expenditures for research and development plant. Obligations differ from expenditures in any given year because not all obligated funds are expended during year appropriated]

AGENCY	1955	1956	1957	1958	1959	1960	1961 (est.)	1962 (est.)
<b>Total obligations.....</b>	<b>2,746.9</b>	<b>3,268.8</b>	<b>4,381.3</b>	<b>4,908.3</b>	<b>7,120.7</b>	<b>8,078.0</b>	<b>9,844.5</b>	<b>10,518.2</b>
Departments:								
Agriculture.....	73.3	83.6	102.8	113.0	138.6	129.1	173.1	163.7
Commerce.....	15.9	18.4	19.3	18.7	30.1	33.4	54.0	119.0
Defense <sup>1</sup> .....	2,084.2	2,430.6	3,250.0	3,480.3	5,236.7	5,825.3	6,736.6	6,331.7
Army.....	443.5	420.0	544.5	615.3	1,186.8	1,182.8	1,229.9	1,284.8
Navy.....	673.3	713.3	866.7	887.9	1,381.1	1,557.4	1,613.5	1,398.3
Air Force.....	1,045.7	1,252.8	1,811.9	1,903.6	2,461.4	2,833.5	3,448.5	3,278.6
ARPA.....				15.5	171.8	212.4	269.4	186.0
Health, Education, and Welfare.....	70.8	89.0	177.9	217.9	278.7	358.6	476.2	559.9
Interior.....	34.6	38.5	47.5	54.7	67.9	71.0	83.9	106.8
Atomic Energy Commission <sup>2</sup> .....	372.9	505.1	644.6	828.6	925.4	988.2	1,102.6	1,209.6
National Aero. and Space Adm. <sup>3</sup> .....	64.5	65.7	83.4	97.4	290.7	486.9	1,000.0	1,706.0
National Science Foundation.....	10.4	17.4	37.1	40.7	60.0	81.3	95.8	169.1
All other agencies.....	20.3	20.5	18.7	57.0	74.6	104.2	129.3	164.7
<b>Total expenditures.....</b>	<b>3,308.3</b>	<b>3,446.0</b>	<b>4,461.9</b>	<b>4,989.9</b>	<b>5,802.9</b>	<b>7,738.0</b>	<b>8,789.2</b>	<b>10,172.2</b>
Departments:								
Agriculture.....	72.0	87.7	97.0	111.8	124.7	131.4	145.3	157.5
Commerce.....	9.9	20.4	19.8	17.8	30.1	33.1	41.9	76.0
Defense <sup>1</sup> .....	2,630.2	2,639.0	3,371.4	3,664.2	4,183.3	5,053.8	6,112.4	6,578.4
Army.....	1,012.8	702.4	782.1	873.5	890.9	1,108.9	1,221.4	1,246.1
Navy.....	551.9	635.8	784.9	854.1	1,034.7	1,300.6	1,560.5	1,547.2
Air Force.....	982.2	1,278.9	1,780.0	1,894.0	2,134.5	2,078.0	2,092.3	3,333.0
ARPA.....				3.0	80.9	220.3	243.1	270.0
Health, Education, and Welfare.....	70.2	86.2	148.5	180.3	252.8	324.2	400.5	493.3
Interior.....	31.9	35.7	42.3	48.9	72.2	65.3	77.1	85.5
Atomic Energy Commission <sup>2</sup> .....	385.4	474.0	656.5	804.2	877.1	985.9	1,084.0	1,129.3
National Aero. and Space Adm. <sup>3</sup> .....	73.8	71.1	76.1	89.2	145.5	401.0	740.0	1,380.0
National Science Foundation.....	8.5	15.4	30.6	33.0	60.6	58.0	84.8	128.2
All other agencies.....	26.4	10.5	24.7	40.5	66.6	85.2	102.2	144.1

<sup>1</sup> Includes military pay and allowances and procurement funds; also includes Departmentwide funds not shown separately.

<sup>2</sup> Data represent "accrued costs" rather than obligations and expenditures, respectively.

<sup>3</sup> Prior to 1958, National Advisory Committee for Aeronautics.

Source: National Science Foundation.

# No. 739. SCIENTISTS AND ENGINEERS IN PRIVATE INDUSTRY, BY INDUSTRY AND OCCUPATION: JANUARY 1960

[Includes Alaska, excludes Hawaii. Scientists and engineers were defined as all persons engaged in scientific and engineering work at a level which requires a knowledge of physical, natural, or mathematical sciences equivalent at least to that acquired through completion of a 4-year professional college course. Administrators of research and development and other activities are included with each occupation. Research and development was defined to include basic and applied research in the sciences (including medicine) and in engineering, and design and development of prototypes and processes]

INDUSTRY	Total	Engineers	Chemists	Metalurgists	Geologists and geophysicists	Physicists	Mathematicians	Life scientists	Other scientists
<b>ALL SCIENTISTS AND ENGINEERS</b>									
<b>All industries.....</b>	<b>812,700</b>	<b>648,900</b>	<b>77,000</b>	<b>12,700</b>	<b>15,300</b>	<b>15,600</b>	<b>14,100</b>	<b>19,800</b>	<b>9,200</b>
Food and kindred products.....	9,900	4,500	3,800	(1)	(1)	100	100	1,300	<sup>2</sup> 200
Textile mill prod. and apparel.....	5,800	<sup>2</sup> 3,800	1,900	(1)	(1)	<sup>2</sup> 100	(1)	(1)	(1)
Paper and allied products.....	10,500	7,100	2,300	(1)	(1)	(1)	(1)	700	200
Chemicals and allied products.....	90,700	38,200	34,100	700	400	1,300	700	12,300	3,000
Petroleum prod. and extraction.....	48,600	28,700	6,800	100	11,800	600	600	200	400
Stone, clay and glass products.....	10,200	7,900	1,500	<sup>2</sup> 100	400	200	100	(1)	(1)
Primary metal industries.....	35,100	25,200	3,800	5,300	300	200	200	200	(1)
Fab. metal prod. and ordnance.....	38,100	34,900	1,700	300	(1)	300	800	100	100
Machinery (exc. electrical).....	71,400	64,800	1,600	1,900	(1)	900	1,100	<sup>2</sup> 100	1,200
Electrical equipment.....	101,400	91,200	3,300	800	200	4,100	1,800	(1)	(1)
Aircraft and parts.....	101,500	84,400	2,300	1,400	100	5,500	3,800	100	3,400
Professional and scientific instruments.....	26,300	22,000	2,400	200	(1)	900	200	400	200
Other manufacturing ind. <sup>3</sup> .....	58,100	50,600	5,300	700	(1)	500	100	400	(1)
Construction.....	45,100	43,200	500	<sup>2</sup> 200	100	(1)	<sup>2</sup> 800	<sup>2</sup> 300	<sup>2</sup> 200
Transp. and other public utilities.....	36,700	34,900	700	(1)	500	100	200	200	(1)
Engineering and architectural services.....	56,900	54,200	900	200	800	200	300	<sup>2</sup> 100	100
Other nonmanufacturing ind.....	66,500	53,500	4,100	900	800	800	3,100	<sup>2</sup> 3,100	<sup>2</sup> 200
<b>RESEARCH AND DEVELOPMENT SCIENTISTS AND ENGINEERS</b>									
<b>All industries.....</b>	<b>302,500</b>	<b>224,300</b>	<b>42,800</b>	<b>6,200</b>	<b>800</b>	<b>13,800</b>	<b>7,700</b>	<b>6,600</b>	<b>400</b>
Food and kindred products.....	3,000	1,200	1,700	(1)	(1)	100	(1)	600	(1)
Textile mill prod. and apparel.....	1,700	800	900	(1)	(1)	(1)	(1)	(1)	(1)
Paper and allied products.....	3,300	1,800	1,300	(1)	(1)	100	(1)	100	(1)
Chemicals and allied products.....	36,600	10,400	10,500	500	(1)	1,000	300	4,800	100
Petroleum prod. and extraction.....	9,300	4,900	3,200	(1)	400	400	200	<sup>2</sup> 100	(1)
Stone, clay, and glass products.....	3,500	2,300	900	(1)	(1)	200	100	(1)	(1)
Primary metal industries.....	6,000	3,000	1,300	1,500	(1)	100	(1)	(1)	(1)
Fab. metal prod. and ordnance.....	15,400	13,700	800	200	(1)	300	500	(1)	(1)
Machinery (exc. electrical).....	28,200	24,600	1,200	1,200	(1)	700	500	(1)	(1)
Electrical equipment.....	62,600	54,200	2,600	700	(1)	3,800	1,400	(1)	(1)
Aircraft and parts.....	64,600	52,900	2,000	1,100	100	5,200	3,100	100	100
Professional and scientific instruments.....	14,100	11,300	1,500	100	(1)	800	100	<sup>2</sup> 200	100
Other manufacturing ind.....	26,100	21,200	3,600	400	(1)	300	400	100	(1)
Construction.....	2,000	<sup>2</sup> 1,600	300	<sup>2</sup> 100	(1)	(1)	(1)	(1)	(1)
Transp. and other public utilities.....	1,600	1,400	100	(1)	(1)	(1)	(1)	(1)	(1)
Engineering and architectural services.....	8,300	7,400	400	<sup>2</sup> 100	(1)	200	100	100	(1)
Other nonmanufacturing ind.....	15,400	11,500	1,600	300	200	700	800	300	(1)

<sup>1</sup> Less than 50. <sup>2</sup> Subject to a standard error of 50 percent or more. <sup>3</sup> Motor vehicle and equipment industry.

Source: National Science Foundation; *Scientific and Technical Personnel in Industry, 1960*, NSF 61-75.

# No. 740. SCIENCE PERSONNEL AND EXPENDITURES FOR RESEARCH AND DEVELOPMENT PERFORMANCE IN COLLEGES AND UNIVERSITIES, BY FIELD OF SCIENCE: 1954, 1958, AND 1960

[Scientists and engineers in terms of full-time equivalents; expenditures in millions of dollars. Includes Alaska and Hawaii. Excludes social sciences]

FIELD OF SCIENCE	SCIENTISTS AND ENGINEERS <sup>1</sup>						EXPENDITURES FOR RESEARCH AND DEVELOPMENT PERFORMANCE		
	Employed in all scientific activity			Employed in research and development			1954	1958	1960 <sup>2</sup>
	1954	1958	1960 <sup>2</sup>	1954	1958	1960 <sup>2</sup>			
	Total-----	72, 000	103, 800	120, 000	25, 200	42, 000	52, 000	450	780
Engineering-----	15, 000	21, 400	27, 000	5, 600	7, 500	9, 600	130	190	225
Physical sciences-----	23, 000	33, 100	37, 000	7, 600	13, 000	15, 000	150	290	375
Life sciences-----	34, 000	49, 300	56, 000	12, 000	21, 500	27, 500	170	300	400

<sup>1</sup> For explanation of full-time equivalent, see National Science Foundation, *Reviews of Data on Research and Development*, No. 29, NSF 61-49. <sup>2</sup> Preliminary.

Source: National Science Foundation.

**No. 741. PROFESSIONAL SCIENTIFIC AND TECHNICAL PERSONNEL EMPLOYED IN THE  
FEDERAL GOVERNMENT, BY PROFESSIONAL SERIES, AND BY AGENCY: OCTOBER 1960**

AGENCY	Total	Physical sciences	Engi- neering	Bio- logical sciences	Agri- culture	Health <sup>1</sup>	Other
<b>Total.....</b>	<b>155,935</b>	<b>17,981</b>	<b>60,978</b>	<b>11,093</b>	<b>10,543</b>	<b>41,696</b>	<b>13,644</b>
Department of Defense.....	57,401	7,920	39,320	871	82	4,085	5,123
Office of the Secretary of Defense.....	177	48	68	2	—	—	50
Department of the Army.....	24,068	3,118	17,286	663	48	1,848	1,705
Department of the Navy.....	20,107	3,467	14,291	180	12	707	1,440
Department of the Air Force.....	12,449	1,287	7,675	70	22	1,470	1,919
Department of Health, Education, and Welfare.....	10,708	1,383	559	698	13	7,440	615
Department of the Interior.....	10,563	2,241	4,761	2,221	493	10	837
Department of Agriculture.....	23,418	1,301	2,592	6,765	9,396	1,918	1,446
Department of Commerce.....	6,198	3,059	2,075	1	1	13	1,049
Department of Labor.....	828	—	28	—	—	1	799
Department of State.....	2,311	25	328	114	520	171	1,153
Federal Aviation Agency.....	2,333	7	2,234	11	—	85	46
Atomic Energy Commission.....	1,323	483	768	20	—	30	32
National Aeronautics and Space Adminis- tration.....	5,102	649	4,081	5	—	11	356
Tennessee Valley Authority.....	2,199	98	1,547	53	14	430	57
Veterans Administration.....	29,471	460	415	257	—	26,997	1,342
Other.....	4,080	355	2,280	77	24	555	789

<sup>1</sup> Selected categories.

Source: National Science Foundation; data derived from Civil Service tabulations.

**No. 742. ENGINEERS AND SCIENTISTS IN STATE GOVERNMENT AGENCIES, BY STATES:  
JANUARY 1959**

STATE	Total	Engineers	Scientists	STATE	Total	Engineers	Scientists
<b>United States.....</b>	<b>40,730</b>	<b>28,172</b>	<b>12,558</b>	Montana.....	418	285	133
Alabama.....	545	408	137	Nebraska.....	260	181	79
Alaska.....	71	29	42	Nevada.....	255	170	85
Arizona.....	190	96	94	New Hampshire.....	398	330	68
Arkansas.....	271	161	110	New Jersey.....	861	660	201
California.....	5,310	3,598	1,712	New Mexico.....	277	135	142
Colorado.....	535	411	124	New York.....	2,985	2,170	806
Connecticut.....	604	404	200	North Carolina.....	923	673	250
Delaware.....	105	67	38	North Dakota.....	215	156	59
Florida.....	993	614	384	Ohio.....	1,425	891	534
Georgia.....	1,214	880	328	Oklahoma.....	284	162	122
Hawaii.....	319	135	184	Oregon.....	1,173	729	444
Idaho.....	392	186	206	Pennsylvania.....	1,274	875	399
Illinois.....	1,831	1,390	441	Rhode Island.....	170	93	77
Indiana.....	676	481	195	South Carolina.....	483	334	149
Iowa.....	427	332	95	South Dakota.....	225	147	78
Kansas.....	482	372	110	Tennessee.....	1,077	661	416
Kentucky.....	397	281	146	Texas.....	1,808	1,279	329
Louisiana.....	605	448	167	Utah.....	311	189	122
Maine.....	305	249	146	Vermont.....	337	262	75
Maryland.....	789	570	213	Virginia.....	1,034	608	426
Massachusetts.....	1,856	1,395	461	Washington.....	1,371	1,050	321
Michigan.....	1,415	901	514	West Virginia.....	635	421	214
Minnesota.....	856	546	310	Wisconsin.....	848	539	309
Mississippi.....	301	170	131	Wyoming.....	255	170	76
Missouri.....	1,044	878	166				

Source: National Science Foundation; *Employment of Scientific and Technical Personnel in State Government Agencies, 1959*, NSF 61-17.

### No. 743. SCIENCE DOCTORATE DEGREES CONFERRED, BY MAJOR FIELD OF SCIENCE: 1959 TO 1961

FIELD OF SCIENCE	1959	1960	1961 (prel.)	FIELD OF SCIENCE	1959	1960	1961 (prel.)
<b>Total</b> .....	<b>5,316</b>	<b>5,674</b>	<b>6,089</b>	Behavioral sciences.....	870	836	924
Life sciences.....	1,621	1,774	1,799	Psychology.....	811	761	865
Physiology and related.....	235	233	267	Anthropology.....	59	75	59
Microbiology.....	167	179	180	Physical sciences.....	2,825	3,064	3,366
Genetics.....	81	79	75	Earth sciences.....	235	251	257
Zoology.....	147	178	168	Mathematics.....	301	309	360
Botany and phytopathology.....	163	196	188	Physics (incl. astronomy).....	522	574	602
Agriculture and related.....	300	346	353	Chemistry.....	1,062	1,106	1,138
Biochemistry.....	204	272	284	Engineering.....	705	824	1,009
Medical sciences.....	95	82	98				
Miscellaneous life sciences.....	220	209	186				

Source: 1959, National Science Foundation, *The Science Doctorates of 1958 and 1959*, NSF 60-60; 1960 and 1961, National Research Council.

### No. 744. PATENT APPLICATIONS, PATENTS, AND CERTIFICATES OF TRADEMARKS: 1941 TO 1961

[For years ending December 31. Data comprise patents issued to citizens of United States and residents of foreign countries. On July 1, 1940, jurisdiction of prints and labels was transferred to the Copyright Office, Library of Congress, and data concerning them are compiled by that organization. For information on copyrights, see table 711, p. 526. See also *Historical Statistics, Colonial Times to 1897*, series W 66-75 and W 77-78.]

ITEM	1941-45	1946-50	1951-55	1956-60	1957	1958	1959	1960	1961
<b>Patent applications filed</b> .....	<b>294,273</b>	<b>400,342</b>	<b>379,053</b>	<b>410,389</b>	<b>79,242</b>	<b>82,804</b>	<b>83,833</b>	<b>84,475</b>	<b>88,349</b>
Inventions.....	265,417	360,095	351,649	384,782	74,197	77,495	78,594	79,590	83,289
Designs.....	27,536	39,127	25,951	23,865	4,714	4,923	4,879	4,525	4,714
Botanical plants.....	262	398	467	584	101	134	114	131	107
Reissues.....	1,058	722	986	1,158	230	252	246	229	230
<b>Patents issued</b> .....	<b>184,492</b>	<b>163,034</b>	<b>208,964</b>	<b>251,872</b>	<b>45,385</b>	<b>50,994</b>	<b>55,454</b>	<b>49,986</b>	<b>51,152</b>
Inventions <sup>2</sup> .....	164,360	144,076	192,651	237,469	42,744	48,330	52,408	47,170	48,308
Individuals.....	61,127	58,957	78,459	( <sup>3</sup> )	15,154	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Corporations:									
United States.....	95,107	78,376	100,278	( <sup>3</sup> )	23,255	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Foreign.....	5,147	4,669	10,537	( <sup>3</sup> )	3,372	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
U.S. Government <sup>4</sup> .....	346	1,761	3,359	( <sup>3</sup> )	963	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Designs.....	18,880	18,016	15,084	13,024	2,362	2,374	2,768	2,543	2,487
Botanical plants.....	229	334	441	567	129	120	101	116	108
Reissues.....	1,023	608	788	812	150	170	177	157	180
<b>Certificates of trade-</b>									
<b>marks issued</b> .....	<b>52,191</b>	<b>85,611</b>	<b>100,942</b>	<b>108,246</b>	<b>20,968</b>	<b>18,421</b>	<b>21,981</b>	<b>22,367</b>	<b>19,953</b>
Trademarks.....	34,435	61,339	83,311	90,727	17,480	15,351	18,709	18,434	16,595
Trademark renewals.....	17,756	24,272	17,631	17,519	3,488	3,070	3,272	3,933	3,358

<sup>1</sup> Excludes all registration numbers left blank due to withdrawal of patent or trademark before issue.

<sup>2</sup> Since 1942, includes patents issued to the Alien Property Custodian.

<sup>3</sup> Not available. <sup>4</sup> Excludes patents issued to the Alien Property Custodian.

Source: Department of Commerce, Patent Office; records. Fiscal-year figures are published in the *Annual Report of the Commissioner of Patents*.

### No. 745. MANNED SPACECRAFT: 1961 THROUGH MARCH 1962

[Includes all U.S. and known U.S.S.R. launchings]

ITEM	Unit of measure	SUBORBITAL		ITEM	Unit of measure	ORBITAL		
		Mercury-Red-stone III	Mercury-Red-stone IV			Vostok <sup>1</sup> (Spacecraft VI)	Vostok II <sup>1</sup>	Mercury-Atlas VI
Astronaut.....		Shepard	Grisom	Astronaut.....		Gagarin	Titov	Glenn
Launching date.....		5-5-61	7-21-61	Launching date.....		4-12-61	8-6-61	2-20-62
Vehicle lift-off weight.....	lbs.....	66,000	66,000	Vehicle lift-off weight.....	lb.....	( <sup>2</sup> )	( <sup>2</sup> )	260,000
Vehicle dimensions <sup>3</sup> .....	ft.....	59H-59H-6D	59H-6D	Vehicle dimensions <sup>3</sup> .....	ft.....	( <sup>2</sup> )	( <sup>2</sup> )	93H-16D
				Payload dimensions <sup>3</sup> .....	in.....	4 20H	20H-12-14D	9.5H-6D
Altitude.....	miles.....	115	118	Payload weight.....	lb.....	10,418	10,430	* 2,900
Downrange mileage.....	do.....	302	305	Perigee.....	miles.....	108.76	110.3	97.6
Maximum velocity.....	mph.....	5,280	5,310	Apogee.....	do.....	187.60	115.3	159.5
Lifetime.....	min.....	15	16	Orbital period.....	min.....	89.1	88.6	88.2
				Orbits.....	number.....	1	17.5	3
				Lifetime.....	hrs:min.....	1:48	24:18	4:56

<sup>1</sup> Unofficial data from U.S. and Soviet press and radio. <sup>2</sup> Not disclosed. <sup>3</sup> H=height; D=diameter.

<sup>4</sup> Believed to be a 20-foot long cylinder. <sup>5</sup> Weight in orbit. Lift-off, 4,100 pounds; recovery, 2,400 pounds.

Source: National Aeronautics and Space Administration; *Space Activities Summary*, various dates.

## No. 746. SPACE VEHICLES ORBITED—SUMMARY: 1957 TO 1962

[As of March 13, 1962. Data relate only to vehicles achieving orbit. First such vehicle was launched October 4, 1957]

ITEM	LAUNCHED TO DATE			IN ORBIT, 1962		
	Total	U.S.	U.S.S.R.	Total	U.S.	U.S.S.R.
Earth orbit.....	79	66	13	34	33	1
Manned.....	3	1	2			
Solar orbit.....	5	3	2	5	3	2
Transmitting.....				10	10	

<sup>1</sup> Lunik III passed once around moon, then into earth orbit.

Source: National Aeronautics and Space Administration; *International Satellite and Space Probe Summary*, Release No. 62-31.

## No. 747. SPACE VEHICLES IN EARTH AND SOLAR ORBIT: 1962

[Vehicles in orbit and their perigee, apogee, and orbital periods are as of March 27, 1962]

ORBIT, COUNTRY OF LAUNCHING, AND VEHICLE	Launching date	Approximate weight (pounds)	Perigee (miles)	Apogee (miles)	Orbital period (minutes)	Estimated lifetime
<b>IN EARTH ORBIT</b>						
<b>U.S. Launchings</b>						
Explorer I.....	Feb. 1, 1958	31	219.3	1,075.6	105.9	3-5 yrs.
Vanguard I.....	Mar. 17, 1958	3	399.5	2,451.3	133.8	200 yrs.
Vanguard II.....	Feb. 17, 1959	22	352.9	2,040.6	125.4	10 yrs. or more
Vanguard III.....	Sept. 18, 1959	106	302.0	2,332.6	129.8	30-40 yrs.
Explorer VII.....	Oct. 13, 1959	92	347.3	664.9	101.1	20-30 yrs.
Tiros I.....	Apr. 1, 1960	270	432.5	463.5	90.1	50-100 yrs.
Transit IB.....	Apr. 13, 1960	285	223.1	402.6	94.6	16 mos.
Midast II.....	May 24, 1960	5,000	239.9	314.4	94.2	40 mos.
Transit IIA <sup>1</sup> .....	June 22, 1960	223	386.5	651.8	101.6	60 yrs.
Greb <sup>1</sup> .....	June 22, 1960	42	386.5	650.6	101.6	50 yrs.
Echo I.....	Aug. 12, 1960	240	783.5	1,098.0	116.2	Indefinite
Courier IB.....	Oct. 4, 1960	500	597.8	755.6	106.8	Several yrs.
Explorer VIII.....	Nov. 3, 1960	90	256.6	1,411.8	112.4	10 yrs. or more
Tiros II.....	Nov. 23, 1960	280	384.6	454.2	98.2	50-100 yrs.
Samos II.....	Jan. 31, 1961	4,100	293.3	340.5	94.0	(?)
Explorer IX.....	Feb. 16, 1961	80	474.7	1,508.1	118.0	Several wks. to a yr.
Discoverer XX.....	Feb. 17, 1961	2,450	160.0	300.7	92.2	6 mos.
Discoverer XXI.....	Feb. 18, 1961	(?)	135.5	256.0	90.0	(?)
Explorer X.....	Mar. 25, 1961	70	(?)	(?)	(?)	Several wks.
Discoverer XXXIII.....	Apr. 8, 1961	2,100	151.0	197.6	90.2	124 days
Explorer XI.....	Apr. 27, 1961	82	302.0	1,109.1	107.0	1-3 yrs.
Transit IVA <sup>2</sup> .....	June 20, 1961	175	540.3	617.0	103.8	1 yr.
Injun and SR-3 <sup>3</sup> .....	June 20, 1961	95	548.7	618.9	103.8	Indefinite
Tiros III.....	July 12, 1961	285	457.9	508.9	100.3	3-4 mos.
Midast III.....	July 12, 1961	3,500	2,082.8	2,198.4	161.5	Indefinite
Explorer XII.....	Aug. 16, 1961	83	494.6	47,668.4	1,589.7	1 yr.
Midast IV.....	Oct. 21, 1961	3,500	2,194.7	2,311.5	166.0	(?)
Discoverer XXXIV.....	Nov. 5, 1961	2,100	141.7	528.9	95.5	5 mos.
Transit IV-B <sup>1</sup> .....	Nov. 15, 1961	200	591.5	689.7	105.6	5 yrs.
Trace <sup>1</sup> .....	Nov. 15, 1961	200	594.0	688.5	105.6	5 yrs.
Tiros IV.....	Feb. 8, 1962	285	444.3	520.7	100.3	4 mos.
Orbiting Solar Observatory I.....	Mar. 7, 1962	440	347.3	362.3	95.9	6 mos.
<b>U.S.S.R. Launchings</b>						
Sputnik IV.....	May 15, 1960	10,008	160.9	240.5	91.0	(?)
Sputnik XI.....	Mar. 16, 1962	(?)	131.7	541.8	95.4	(?)
<b>IN SOLAR ORBIT</b>						
<b>U.S. Launchings</b>						
Pioneer IV.....	Mar. 3, 1959	13	91.7	106.1	398	Permanent
Pioneer V.....	Mar. 11, 1960	95	74.9	92.4	311.6	100,000 yrs.
Ranger III.....	Jan. 26, 1962	727	91.4	10.8	466.4	Permanent
<b>U.S.S.R. Launchings</b>						
Lunik I.....	Jan. 2, 1959	3,245	90.7	122.2	450	Indefinite
Venus Probe.....	Feb. 12, 1961	1,419	66.7	94.7	300	Indefinite

<sup>1</sup> Two satellites launched at once.

<sup>2</sup> Not available.

<sup>3</sup> Three satellites launched at once. Payloads Injun and SR-3 failed to separate.

<sup>4</sup> Estimated as "relatively brief" at time of launching but still in orbit Mar. 27, 1962.

Source: National Aeronautics and Space Administration; *Space Activities Summary*, various dates, and *Satellite Situation Report*, Mar. 27, 1962.

## Section 20

### Roads and Motor Vehicles

This section presents statistics relating to the mileage, control, and financing of public roads and to motor-vehicle travel and usage. The Bureau of Public Roads of the Department of Commerce is the principal compiler of data concerning public roads and motor-vehicle registrations. Since 1945, it has published such data in its annual *Highway Statistics*. The same Bureau's *Highway Statistics, Summary to 1955*, presents public roads data carried back over periods ranging from 20 to 50 years. The motor-vehicle registration figures which appear in *Highway Statistics* are compiled from reports and records of State highway departments.

The first road mileage survey was made in 1904. Data for 1904 and other road mileage surveys made in 1909, 1914, and 1921 appear in Department of Agriculture Bulletin 1279, *Rural Highway Mileage, Income, and Expenditures, 1921-22*.

Useful annual handbooks in this field are *Automobile Facts and Figures* and *Motor Truck Facts*, both issued by the Automobile Manufacturers Association of Detroit, Mich.; and *Accident Facts*, issued by the National Safety Council of Chicago, Ill. In addition, statistics on the motor-vehicle and equipment industry are compiled by the Bureau of the Census and published in its *Census of Manufactures* reports and *Annual Survey of Manufactures*. Data from these reports are also included in section 29, Manufactures, in this volume.

**Rural and urban roads.**—The terms "rural," "urban," and "municipal" are used in different ways in different tables in this section. Because of special problems and purposes, it is not possible to apply identical definitions and groupings to all types of data. Definitions are given in table headnotes where pertinent.

**Highway systems.**—The Federal-Aid Highway Act of 1916 provides for the sharing of highway construction costs between the States and the Federal Government with the initiative retained by each State for choosing projects and carrying them out. The planning and development of Federal-aid systems began in 1921. Federal funds share with State funds in costs of engineering, construction, and right-of-way acquisition on the designated systems while other charges, such as maintenance and policing, are borne entirely by the States and local agencies.

The Federal-aid primary system connects all of the principal cities, county seats, ports, manufacturing areas, and other traffic generating areas. In general, these are at the same time the main State trunkline roads. Certain sections of the primary system are more important than others from the viewpoint of national interest. Consequently, in 1944, the Congress authorized the creation of the National System of Interstate and Defense Highways, not to exceed 40,000 miles in length. In 1956, Congress extended the system to 41,000 miles and authorized for the first time a long-range program to complete the system. Federal funds of \$37 billion, providing 90 percent of the total estimated cost, are authorized for the fiscal years 1957 to 1971.

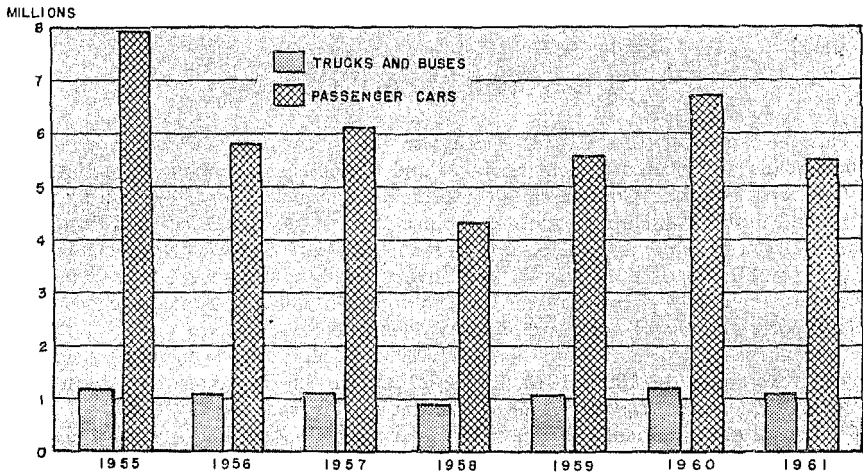
The Federal-Aid Highway Act of 1944 authorized the first specific funds for Federal-aid highways in urban areas, and established the Federal-aid secondary system, consisting of important feeder roads linking the farms, factories, distribution outlets, and smaller communities with the primary system.

**Alaska and Hawaii.**—For a general statement concerning the treatment of data for Alaska and Hawaii, see preface.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics, Colonial Times to 1957*, series Q 247-250") provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

FIG. XXX. MOTOR-VEHICLE FACTORY SALES: 1955 TO 1961

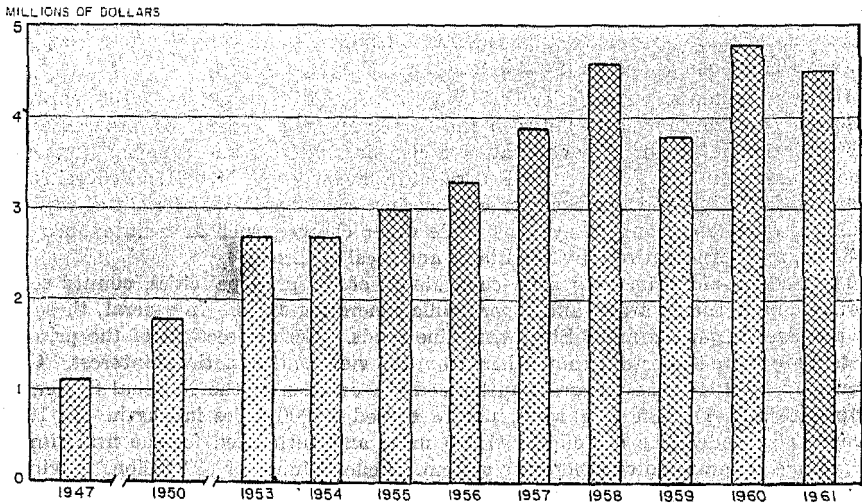
[See table 765]



Source: Chart prepared by Department of Commerce, Bureau of the Census. Data are from Automobile Manufacturers Association.

FIG. XXXI. HIGHWAY CONSTRUCTION CONTRACTS AWARDED: 1947 TO 1961

[See table 750]



Source: Department of Commerce, Bureau of the Census.



### No. 748. EXISTING RURAL AND MUNICIPAL MILEAGE, BY GOVERNMENTAL CONTROL: 1930 TO 1960

[In thousands. As of December 31. Beginning 1959, includes Alaska and Hawaii. Municipal roads are those within incorporated places, New England communities of 2,500 inhabitants or more, and certain of the more populous unincorporated areas. All other roads are classed as rural. See also *Historical Statistics, Colonial Times to 1957*, series Q 246 and, for similar but not exactly comparable data, series Q 247 and Q 251]

GOVERNMENTAL CONTROL	1930	1940	1945	1950	1955	1957	1958	1959	1960
Total mileage.....			3,319	3,313	3,418	3,454	3,479	3,511	3,546
Rural mileage.....	3,009	2,990	3,012	2,990	3,045	3,064	3,074	3,094	3,116
Under State control.....	324	524	544	581	619	636	643	654	659
Under local control.....	2,685	2,466	{ 2,368	2,336	2,333	2,329	2,330	2,333	2,345
Under Federal control.....									
			70	73	93	99	101	107	112
Municipal mileage.....	(1)		307	323	373	389	405	416	430
Under State control.....	(1)	27	33	36	42	45	47	48	50
Under local control.....	(1)	(1)	274	287	331	344	358	368	380

<sup>1</sup> Not available.

Source: Department of Commerce, Bureau of Public Roads; annual report, *Highway Statistics*.

### No. 749. EXISTING MILEAGE OF RURAL ROADS: 1930 TO 1960

[In thousands. As of December 31. Beginning 1959, includes Alaska and Hawaii. For definition of rural roads, see headnote, table 748. See also *Historical Statistics, Colonial Times to 1957*, series Q 247-250, for similar but not exactly comparable data]

TYPE AND CONTROL	1930	1940	1945	1950	1955	1957	1958	1959	1960
All rural roads.....	3,009	2,990	3,012	2,990	3,045	3,064	3,074	3,094	3,116
Primary State highways.....	} 324	{ 320	330	363	387	391	395	403	403
Secondary State highways.....									
County roads under State control.....									
County and local roads <sup>1</sup> .....	2,685	2,466	2,471	2,417	2,436	2,441	2,445	2,455	2,472
Surfaced rural roads.....	694	1,340	1,495	1,679	1,942	2,021	2,083	2,125	2,165
Primary State highways.....	} 227	{ 302	316	351	381	380	391	398	399
Secondary State highways.....									
County roads under State control.....									
County and local roads <sup>1</sup> .....	467	918	1,045	1,172	1,374	1,438	1,491	1,621	1,555
Nonsurfaced rural roads <sup>2</sup> .....	2,315	1,650	1,517	1,311	1,103	1,043	991	969	951
Primary State highways.....	} 97	{ 27	23	12	6	5	4	4	4
Secondary State highways.....									
County roads under State control.....									
County and local roads <sup>1 2</sup> .....	2,218	1,548	1,426	1,245	1,092	1,003	954	934	917

<sup>1</sup> Includes mileage in national and State parks, forests, reservations, etc., not included as part of State or local systems.

<sup>2</sup> Includes mileage not classified by type of surface.

Source: Department of Commerce, Bureau of Public Roads; annual report, *Highway Statistics*.

### No. 750. HIGHWAY CONSTRUCTION—CONTRACTS AWARDED, BY OWNERSHIP, SOURCE OF FUNDS, AND TYPE OF FACILITY: 1947 TO 1961

[In millions of dollars. Beginning 1959, includes Alaska and Hawaii. Includes force-account work started on Federal and State projects]

OWNERSHIP, SOURCE OF FUNDS, AND TYPE OF FACILITY	1947	1950	1955	1956	1957	1958	1959	1960	1961
All construction.....	1,108	1,816	2,992	3,303	3,917	4,585	3,805	4,756	4,483
Federally owned.....	25	36	59	92	92	96	86	129	92
State owned.....	892	1,492	2,560	2,718	3,311	3,996	3,213	3,901	3,803
Federally aided projects:									
Total value.....	635	798	1,255	1,737	2,390	3,489	2,638	3,097	3,168
Federal funds.....	329	415	667	903	1,614	2,504	1,877	2,218	2,289
Independent State projects:									
Total value.....	257	694	1,304	981	921	507	575	804	634
Toll facilities.....	(1)	228	695	337	343	44	59	165	92
Locally owned <sup>2</sup> .....	191	289	374	493	514	494	506	725	588

<sup>1</sup> Not available.

<sup>2</sup> By municipalities, counties, and local level special districts.

Source: Department of Commerce, Bureau of the Census. Published in Department of Commerce, Business and Defense Services Administration, *Construction Review*.

# **NO. 751. EXISTING ROAD MILEAGE—MUNICIPAL MILEAGE AND RURAL MILEAGE, BY TYPE AND GOVERNMENTAL CONTROL, BY STATES: 1960**

[As of December 31. For definition of municipal and rural roads, see headnote, table 748. Compiled for latest available year from reports of State authorities and planning survey data]

STATE	Total rural and municipal	Municipal	RURAL					
			Total	Type		Governmental control		
				Surfaced	Nonsurfaced	State <sup>1</sup>	Local	Federal <sup>2</sup>
<b>United States.....</b>	<b>3,545,693</b>	<b>429,568</b>	<b>3,116,125</b>	<b>2,165,468</b>	<b>950,657</b>	<b>658,896</b>	<b>2,345,317</b>	<b>111,912</b>
Alabama.....	73,345	9,020	64,325	51,119	13,206	<sup>3</sup> 16,611	<sup>3</sup> 47,714	-----
Alaska.....	4,047	422	4,225	3,865	360	4,212	-----	13
Arizona.....	37,125	4,437	32,688	12,204	20,304	4,595	16,091	12,002
Arkansas.....	78,519	6,307	72,212	41,972	30,240	10,380	59,694	2,138
California.....	147,370	32,083	115,287	71,261	44,026	14,269	77,514	23,504
Colorado.....	78,590	5,250	73,334	36,220	37,114	7,850	64,306	1,178
Connecticut.....	16,718	5,571	11,147	10,958	189	2,738	8,409	-----
Delaware.....	4,629	625	4,004	3,728	276	<sup>3</sup> 4,004	-----	-----
Dist. of Columbia.....	1,251	1,251	-----	-----	-----	-----	-----	-----
Florida.....	69,216	16,834	52,382	30,760	21,622	13,548	38,834	-----
Georgia.....	96,910	13,379	83,531	45,464	38,067	14,427	69,076	23
Hawaii.....	3,092	652	2,440	2,244	196	1,058	1,315	67
Idaho.....	42,172	2,427	39,745	24,103	15,642	4,526	27,435	7,784
Illinois.....	123,350	20,886	102,464	93,801	8,663	11,163	91,301	-----
Indiana.....	102,185	14,466	87,719	79,741	7,978	9,949	77,770	-----
Iowa.....	111,671	11,916	99,755	89,780	9,975	9,080	90,675	-----
Kansas.....	133,132	8,877	124,255	73,067	51,188	9,849	114,396	10
Kentucky.....	69,514	4,634	64,880	49,096	15,784	19,600	45,016	264
Louisiana.....	48,388	8,394	39,994	33,187	6,807	<sup>3</sup> 14,066	<sup>3</sup> 25,928	-----
Maine.....	20,845	1,965	18,880	16,122	2,758	<sup>3</sup> 10,820	<sup>3</sup> 7,930	130
Maryland.....	22,310	3,822	18,488	18,262	226	4,586	13,933	19
Massachusetts.....	26,250	9,776	16,474	14,977	1,497	2,078	14,396	-----
Michigan.....	110,588	16,923	93,665	73,435	20,230	8,113	85,552	-----
Minnesota.....	124,212	14,176	110,036	91,547	18,489	11,213	<sup>4</sup> 97,451	1,366
Mississippi.....	63,788	5,122	58,666	53,270	5,396	9,820	48,692	154
Missouri.....	112,666	13,644	99,022	88,255	10,767	28,066	70,409	547
Montana.....	75,065	1,697	73,368	28,386	44,982	10,941	54,707	7,720
Nebraska.....	102,725	5,815	96,910	56,526	40,384	8,917	87,605	388
Nevada.....	44,514	996	43,518	13,012	30,506	<sup>3</sup> 6,116	<sup>3</sup> 37,402	-----
New Hampshire.....	14,040	1,414	12,626	9,775	2,851	3,812	8,709	105
New Jersey.....	31,124	12,150	18,974	15,186	3,788	2,095	16,879	-----
New Mexico.....	62,479	2,906	59,573	13,629	45,944	11,349	43,612	4,712
New York.....	106,450	17,337	89,113	76,596	12,517	13,465	75,638	10
North Carolina.....	80,678	11,183	69,495	59,136	10,359	<sup>3</sup> 68,141	-----	1,354
North Dakota.....	100,183	2,706	97,477	53,347	44,130	6,061	90,877	539
Ohio.....	104,500	20,568	83,932	81,993	1,939	16,042	67,890	-----
Oklahoma.....	103,357	8,865	94,492	56,949	37,543	11,161	82,885	446
Oregon.....	72,503	5,529	66,974	40,088	26,886	8,263	33,895	24,816
Pennsylvania.....	109,261	16,370	92,892	70,539	22,343	43,165	49,409	308
Rhode Island.....	4,200	2,287	1,913	1,776	137	710	1,194	-----
South Carolina.....	56,405	5,185	51,220	27,331	23,889	25,192	26,028	-----
South Dakota.....	92,283	2,696	89,587	45,881	43,706	7,120	81,247	1,220
Tennessee.....	75,206	7,903	67,303	63,753	3,550	8,038	58,511	754
Texas.....	230,783	36,607	194,176	118,125	76,051	53,328	140,848	-----
Utah.....	34,531	3,913	30,618	15,382	15,236	5,005	17,754	7,859
Vermont.....	13,718	872	12,846	10,566	2,280	2,009	<sup>4</sup> 10,814	23
Virginia.....	56,581	5,984	50,597	48,515	2,082	<sup>3</sup> 48,854	<sup>3</sup> 662	1,081
Washington.....	60,460	7,786	52,674	40,128	12,546	6,222	38,599	7,853
West Virginia.....	36,137	3,014	33,123	20,661	12,462	<sup>3</sup> 30,919	<sup>3</sup> 1,675	529
Wisconsin.....	97,876	11,808	86,068	77,998	8,070	10,291	75,717	60
Wyoming.....	58,161	1,103	57,048	11,662	45,386	5,094	49,023	2,931

<sup>1</sup> Includes 15,175 miles of State park, forest, institutional, and other roads, rural and municipal, that are not part of State or local highway system. Also includes 3,437 miles of toll roads, bridges, tunnels, etc.

<sup>2</sup> Comprises mileage of roads not forming a part of State or local highway systems.

<sup>3</sup> Includes mileage of county roads under State control in Alabama (8 counties), Delaware, Nevada, North Carolina, Virginia (all but 2 counties), and West Virginia; farm-to-market system in Louisiana; and the State-aid system in Maine.

<sup>4</sup> Includes mileage of local roads designated as State aid in Minnesota, 27,054 miles; and Vermont, 2,510 miles.

Source: Department of Commerce, Bureau of Public Roads; annual report, *Highway Statistics, 1960*, and records.

# **No. 752. MILEAGE AND COST OF DESIGNATED FEDERAL-AID HIGHWAY SYSTEMS: 1917 to 1960**

[Includes Hawaii and Puerto Rico and, beginning 1957, Alaska. See also *Historical Statistics, Colonial Times to 1957*, series Q 261-264]

YEAR	MILES OF HIGHWAY		COST (\$1,000) <sup>3</sup>		
	Total existent <sup>1</sup>	Completed during year <sup>2</sup>	Total	Federal funds	State funds
1917-1921.....		12,919	221,740	95,054	126,686
1925.....	178,797	11,001	220,921	100,030	120,891
1930.....	193,049	10,339	236,520	99,839	136,681
1935.....	214,000	12,811	242,420	218,112	24,307
1940.....	234,112	11,549	269,216	149,724	119,492
1945.....	232,772	3,035	101,037	76,485	24,552
1950.....	640,753	10,876	753,199	389,578	363,621
1951.....	651,826	17,060	771,708	389,664	382,144
1952.....	673,137	22,147	977,548	505,444	472,104
1953.....	694,677	21,136	1,077,733	558,913	518,820
1954.....	717,379	20,548	1,146,419	591,202	555,217
1955.....	741,824	22,571	1,287,364	665,913	621,451
1956.....	777,514	23,609	1,444,059	756,926	687,133
1957.....	809,672	22,424	1,714,240	968,664	745,676
1958.....	830,569	28,137	2,744,486	1,669,015	1,075,471
1959.....	854,294	32,633	3,708,857	2,517,502	1,191,355
1960.....	866,841	20,969	3,264,038	2,272,518	991,515

<sup>1</sup> Through 1945, total existing mileage of Federal-aid primary system; beginning 1950, includes secondary system. Through 1955, data as of June 30; thereafter, as of December 31.

<sup>2</sup> Comprises construction and reconstruction mileage.

<sup>3</sup> Represents actual expenditures of funds on calendar-year basis. Beginning 1935, includes money spent on public works and defense highways. Beginning 1940, includes secondary highways.

Source: Department of Commerce, Bureau of Public Roads; annual report, *Highway Statistics*, and *Annual Report*, 1961.

# **No. 753. MILEAGE OF DESIGNATED FEDERAL-AID HIGHWAY SYSTEMS, BY STATES AND FOR PUERTO RICO: 1960**

[In miles. As of December 31. See text, p. 549]

STATE OR OTHER AREA	PRIMARY HIGHWAY SYSTEM		Secondary highway system	STATE OR OTHER AREA	PRIMARY HIGHWAY SYSTEM		Secondary highway system
	Total miles	National system of interstate highways			Total miles	National system of interstate highways	
<b>Total.....</b>	<b>265,477</b>	<b>40,617</b>	<b>601,364</b>	Missouri.....	9,294	1,105	23,151
Alabama.....	6,366	874	22,187	Montana.....	6,236	1,179	5,232
Alaska.....	2,202		3,174	Nebraska.....	5,849	480	17,518
Arizona.....	2,769	1,161	4,052	Nevada.....	2,194	534	2,790
Arkansas.....	3,946	518	14,494	New Hampshire.....	1,234	214	1,674
California.....	9,436	2,132	11,938	New Jersey.....	2,119	371	2,152
Colorado.....	4,502	948	4,067	New Mexico.....	4,030	1,003	5,555
Connecticut.....	1,269	297	1,160	New York.....	10,580	1,227	19,291
Delaware.....	585	40	1,416	North Carolina.....	7,042	769	25,664
District of Columbia.....	141	28	93	North Dakota.....	4,523	568	13,206
Florida.....	5,370	1,120	13,120	Ohio.....	8,770	1,484	18,043
Georgia.....	8,823	1,109	19,676	Oklahoma.....	8,242	706	12,904
Hawaii.....	568	48	655	Oregon.....	4,018	732	7,606
Idaho.....	3,216	612	5,317	Pennsylvania.....	8,635	1,541	13,417
Illinois.....	10,828	1,587	13,921	Rhode Island.....	502	71	474
Indiana.....	5,999	1,110	16,637	South Carolina.....	5,455	679	16,912
Iowa.....	10,240	700	33,111	South Dakota.....	6,039	678	12,481
Kansas.....	7,789	801	23,566	Tennessee.....	5,738	1,048	10,975
Kentucky.....	4,550	606	15,236	Texas.....	17,345	3,023	31,882
Louisiana.....	3,314	683	7,725	Utah.....	2,884	934	3,760
Maine.....	1,929	312	2,300	Vermont.....	1,594	324	1,837
Maryland.....	2,316	354	7,124	Virginia.....	5,646	1,053	18,516
Massachusetts.....	2,340	462	2,221	Washington.....	4,015	725	11,026
Michigan.....	7,606	1,080	24,975	West Virginia.....	2,779	385	10,729
Minnesota.....	8,833	898	30,366	Wisconsin.....	6,362	452	18,849
Mississippi.....	5,841	678	13,735	Wyoming.....	3,622	917	2,377
				Puerto Rico.....	552		1,087

Source: Department of Commerce, Bureau of Public Roads; *Annual Report*, 1961.

## No. 754. FEDERAL-AID HIGHWAY PROJECTS, BY STATES AND FOR PUERTO RICO:1961

[Money figures in millions of dollars. As of June 30. Comprises projects financed from Federal-aid primary, secondary, urban, and interstate funds]

STATE OR OTHER AREA	COMPLETED DURING FISCAL YEAR			UNDER CONSTRUCTION			PLANS APPROVED—NOT UNDER CONSTRUCTION			FEDERAL-AID FUNDS	
	Total cost	Federal funds	Miles	Total cost	Federal funds	Miles	Total cost	Federal funds	Miles	Pro- gramed, <sup>1</sup> plans not approved	Pro- gramed only
<b>Total.....</b>	<b>3,441.2</b>	<b>2,418.5</b>	<b>22,083</b>	<b>7,877.1</b>	<b>5,855.9</b>	<b>25,605</b>	<b>1,391.8</b>	<b>1,007.9</b>	<b>6,770</b>	<b>1,544.3</b>	<b>1,185.2</b>
<b>U.S.....</b>	<b>3,434.7</b>	<b>2,415.5</b>	<b>22,075</b>	<b>7,847.4</b>	<b>5,841.6</b>	<b>25,530</b>	<b>1,390.6</b>	<b>1,007.4</b>	<b>6,766</b>	<b>1,536.5</b>	<b>1,177.5</b>
Ala.....	76.2	57.5	688	164.7	117.2	822	26.4	20.0	262	27.8	41.2
Alaska.....	16.7	14.0	132	36.8	32.4	158	10.9	10.1	96	13.6	33.6
Ariz.....	40.4	35.2	222	59.7	53.2	213	15.4	12.8	47	10.8	21.5
Ark.....	26.8	17.6	389	120.3	90.7	613	21.3	14.9	174	23.7	31.4
Calif.....	265.2	149.4	382	753.7	487.2	349	98.7	75.2	106	73.0	31.5
Colo.....	40.3	28.1	407	52.6	33.7	304	10.4	7.6	134	20.7	7.8
Conn.....	42.3	25.2	39	134.3	105.8	77	4.9	2.9	2	14.6	.1
Del.....	11.8	7.5	73	19.8	16.3	1	17.1	14.3	10	21.2	6.9
Dist. of Col.....	25.2	19.3	11	75.9	56.1	10	16.5	13.3	2	32.2	5.4
Fla.....	104.6	76.9	295	82.5	68.3	220	15.4	11.6	63	51.3	14.8
Ga.....	70.8	40.8	409	224.4	165.8	931	28.5	16.3	202	9.4	100.6
Hawaii.....	8.0	3.9	13	11.8	7.7	5	.5	.3	2	9.9	5.9
Idaho.....	26.6	21.2	200	41.2	33.6	260	11.7	9.5	135	32.6	14.1
Ill.....	172.8	123.4	706	449.1	342.3	930	75.5	56.7	98	14.1	63.2
Ind.....	114.5	78.4	533	196.3	144.6	411	17.6	12.6	98	113.4	33.3
Iowa.....	63.1	46.5	719	83.0	56.4	1,153	18.0	13.3	148	5.6	11.3
Kans.....	59.9	40.1	1,217	66.3	46.6	1,242	14.6	9.6	219	31.7	9.1
Ky.....	75.5	56.5	214	156.4	118.9	342	32.7	24.6	116	6.1	24.8
La.....	44.2	23.1	245	229.1	173.2	536	34.8	28.2	100	14.7	28.3
Maine.....	31.3	25.3	96	33.2	23.2	95	6.0	4.1	32	10.0	16.8
Md.....	25.4	16.6	137	100.6	79.0	174	23.7	15.8	110	75.0	20.7
Mass.....	105.3	75.8	68	135.6	139.5	89	69.6	47.6	53	39.4	19.7
Mich.....	152.4	117.2	785	358.3	276.4	916	42.0	23.7	445	15.5	3.9
Minn.....	64.5	44.7	1,034	228.4	171.2	1,729	21.8	17.5	132	7.6	46.2
Miss.....	54.6	37.4	730	106.8	79.1	765	20.7	15.8	206	18.2	28.8
Mo.....	71.4	45.3	1,046	205.1	154.2	1,161	25.2	17.3	198	26.5	36.4
Mont.....	37.6	27.8	462	86.6	68.7	528	22.7	17.5	194	55.1	15.0
Nebr.....	30.3	21.5	274	73.1	52.4	914	55.4	41.8	471	12.4	20.2
Nev.....	4.4	3.7	76	59.1	54.8	183	7.5	6.9	75	23.6	11.9
N.H.....	31.5	24.9	63	31.6	23.6	49	6.5	5.3	14	5.9	4.6
N.J.....	61.2	47.0	57	232.8	175.6	77	45.2	37.2	33	66.8	20.0
N. Mex.....	25.0	19.5	202	51.9	41.7	218	6.5	5.7	31	22.0	14.2
N. Y.....	214.2	134.5	435	678.5	491.2	486	125.4	86.8	155	30.3	21.0
N. C.....	63.1	44.0	614	94.4	63.6	588	19.9	13.9	232	22.9	25.6
N. Dak.....	36.2	23.7	1,311	41.2	28.3	907	2.2	1.4	127	19.6	2.0
Ohio.....	197.4	152.5	202	317.1	234.0	353	82.5	56.7	122	9.6	.4
Okla.....	48.1	32.2	639	78.5	54.3	660	23.2	14.9	284	28.4	11.6
Oreg.....	50.7	38.2	355	126.7	104.7	319	16.3	12.8	134	6.7	14.6
Pa.....	145.7	101.9	201	240.8	172.0	278	74.5	56.9	138	78.1	126.0
R.I.....	16.5	10.1	22	38.6	28.6	15	1.1	.6	3	21.3	3.0
S. C.....	65.3	50.7	839	89.1	64.1	1,036	10.1	6.7	200	8.2	15.1
S. Dak.....	44.0	32.2	768	59.2	49.3	698	6.3	4.0	142	4.9	17.2
Tenn.....	66.2	47.6	726	246.9	197.9	719	27.5	18.0	315	43.7	41.8
Tex.....	202.8	142.6	1,620	360.2	260.1	1,646	52.2	35.8	307	70.3	29.3
Utah.....	28.7	24.9	170	50.4	45.1	162	17.7	15.1	86	6.2	18.5
Vt.....	32.5	25.7	64	52.6	42.7	87	4.4	3.5	9	27.2	.8
Va.....	44.6	30.9	344	282.2	231.9	553	22.7	16.0	104	107.9	22.5
Wash.....	46.2	34.3	372	114.0	86.5	381	13.4	6.4	78	36.6	11.0
W. Va.....	42.3	32.5	424	96.0	69.6	147	30.0	21.5	92	11.5	46.6
Wis.....	76.1	51.4	713	109.4	77.6	595	24.9	15.9	140	30.0	20.2
Wyo.....	33.7	28.3	283	60.6	50.8	421	12.6	10.5	90	20.7	5.3
P. R.....	6.5	3.0	8	29.7	14.3	75	1.2	.5	4	7.8	7.7

<sup>1</sup> Initial commitment of funds.Source: Department of Commerce, Bureau of Public Roads; *Annual Report, 1961*.

## No. 755. HIGHWAY AND STREET RECEIPTS AND DISBURSEMENTS: 1950 to 1962

[In millions of dollars. Federal and State data are for calendar years; local data for varying fiscal years. Includes Alaska, Hawaii, and Puerto Rico. Data for municipal places and streets include all municipalities and other political subdivisions urban in character. See also *Historical Statistics, Colonial Times to 1957*, series Q 280-309, for related but not exactly comparable data]

SOURCE AND PURPOSE	1950	1955	1958	1959	1960	1961 (prel.)	1962 (est.)
<b>SOURCE OF RECEIPTS</b>							
<b>Total funds available</b>	<b>4,487</b>	<b>7,382</b>	<b>10,337</b>	<b>10,886</b>	<b>10,743</b>	<b>11,258</b>	<b>12,037</b>
<b>Federal Government</b> <sup>1</sup>	72	103	182	157	161	183	192
Motor fuel and vehicle taxes <sup>2,3</sup>			1,967	2,240	2,826	2,922	3,128
General fund appropriations	492	770	108	156	159	192	209
Investment income and other receipts <sup>4</sup>	8	20	51	32	32	36	36
Intergovernmental payments	-431	-687	-2,273	-3,080	-2,543	-2,960	-3,299
Funds drawn from (+) or placed in (-) reserves	+3		+269	+809	-313	-7	+118
<b>State agencies</b>	<b>2,557</b>	<b>4,670</b>	<b>6,868</b>	<b>7,410</b>	<b>7,125</b>	<b>7,512</b>	<b>8,191</b>
Motor fuel and vehicle taxes <sup>2</sup>	2,270	3,578	4,192	4,428	4,732	4,924	5,195
Tolls	72	209	325	396	430	455	475
Parking fees				1	1	1	1
General fund appropriations	62	65	64	48	56	50	50
Investment income and other receipts <sup>4</sup>	47	66	122	136	162	162	162
Bond issue proceeds <sup>5</sup>	400	646	913	869	680	800	641
Intergovernmental payments	-182	-104	1,223	1,998	1,387	1,778	2,068
Funds drawn from (+) or placed in (-) reserves	-102	+240	+29	-266	-323	-667	-410
<b>Local rural governments</b>	<b>980</b>	<b>1,333</b>	<b>1,602</b>	<b>1,610</b>	<b>1,667</b>	<b>1,718</b>	<b>1,751</b>
Motor fuel and vehicle taxes <sup>2</sup>	2	4	4	9	11	13	15
Tolls	12	15	19	20	21	23	24
Parking fees						1	1
Property taxes and assessments	327	438	521	512	485	501	495
General fund appropriations	81	87	121	153	121	115	100
Investment income and other receipts <sup>4</sup>	30	48	60	48	50	45	45
Bond issue proceeds <sup>5</sup>	90	204	140	153	190	190	202
Intergovernmental payments	468	622	702	736	777	817	852
Funds drawn from (+) or placed in (-) reserves	-30	-85	+35	-21	+12	+13	+17
<b>Municipalities</b>	<b>878</b>	<b>1,276</b>	<b>1,685</b>	<b>1,709</b>	<b>1,790</b>	<b>1,845</b>	<b>1,903</b>
Motor fuel and vehicle taxes <sup>2</sup>	20	56	62	66	68	71	73
Tolls	32	46	53	54	57	58	59
Parking fees	21	23	38	56	70	80	90
Property taxes and assessments	153	240	358	389	412	436	460
General fund appropriations	412	397	374	346	348	360	366
Investment income and other receipts <sup>4</sup>	39	53	79	78	80	84	88
Bond issue proceeds <sup>5</sup>	162	335	299	336	336	335	342
Intergovernmental payments	145	229	348	346	379	365	379
Funds drawn from (+) or placed in (-) reserves	-106	-103	+74	+38	+40	+56	+46
<b>PURPOSE OF DISBURSEMENT</b>							
<b>Total disbursements</b>	<b>4,487</b>	<b>7,382</b>	<b>10,337</b>	<b>10,886</b>	<b>10,743</b>	<b>11,258</b>	<b>12,037</b>
<b>Federal Government</b>	72	103	182	157	161	183	192
Capital outlay	65	88	133	102	107	123	130
Maintenance	6		27	25	26	27	29
Administration and research <sup>6</sup>	11	15	22	30	28	33	33
<b>State agencies</b>	<b>2,557</b>	<b>4,670</b>	<b>6,868</b>	<b>7,410</b>	<b>7,125</b>	<b>7,512</b>	<b>8,191</b>
Capital outlay	1,648	3,300	5,008	5,402	4,983	5,277	5,873
Maintenance	514	693	886	923	1,005	1,052	1,090
Administration and research <sup>6</sup>	113	163	262	287	296	305	314
Highway police and safety	79	134	205	218	236	250	264
Interest	60	189	255	272	305	315	331
Debt retirement <sup>7</sup>	143	191	252	308	300	313	319
<b>Local rural governments</b>	<b>980</b>	<b>1,333</b>	<b>1,602</b>	<b>1,610</b>	<b>1,667</b>	<b>1,718</b>	<b>1,751</b>
Capital outlay	265	449	549	521	544	570	586
Maintenance	557	700	846	874	895	915	926
Administration and research <sup>6</sup>	44	64	81	86	94	97	100
Highway police and safety	( <sup>8</sup> )	( <sup>8</sup> )		5	5	5	5
Interest	31	31	32	32	33	33	34
Debt retirement <sup>7</sup>	83	89	94	92	96	98	100
<b>Municipalities</b>	<b>878</b>	<b>1,276</b>	<b>1,685</b>	<b>1,709</b>	<b>1,790</b>	<b>1,845</b>	<b>1,903</b>
Capital outlay	339	508	656	631	672	690	708
Maintenance	348	479	614	650	681	701	719
Administration and research <sup>6</sup>	51	42	74	62	66	68	75
Highway police and safety	( <sup>8</sup> )	40	81	72	76	80	83
Interest	44	54	83	75	75	78	82
Debt retirement <sup>7</sup>	96	153	197	210	220	228	236

<sup>1</sup> Includes forest highway and other funds administered by the Bureau of Public Roads, as well as funds of other Federal agencies not derived from the Highway Trust Fund.

<sup>2</sup> Excludes amounts allocated for collection expenses and nonhighway purposes.

<sup>3</sup> Receipts of Federal Highway Trust Fund. <sup>4</sup> Includes miscellaneous taxes and fees.

<sup>5</sup> Par value of long-term obligation. Premiums and discounts on sale of bonds included in investment income and other receipts. Excludes short-term notes and refunding issues.

<sup>6</sup> Includes engineering and equipment costs not charged to capital outlay and maintenance, and miscellaneous expenditures.

<sup>7</sup> Par value of long-term obligations. Redemption premiums and discounts included with interest payments. Excludes redemption of short-term notes, or by refunding of notes.

<sup>8</sup> Included with administration and research.

Source: Department of Commerce, Bureau of Public Roads; releases.

# No. 756. PUBLIC HIGHWAY DEBT—LONG-TERM HIGHWAY OBLIGATIONS OF STATE AND LOCAL GOVERNMENTS: 1945 to 1962

[In millions of dollars. State data are for calendar year; local data are for varying fiscal years. Beginning 1959, includes Alaska and Hawaii. Excludes duplicated and interunit obligations except as noted. Municipal obligations include data for all municipalities and other political subdivisions urban in character. See also *Historical Statistics, Colonial Times to 1957*, series Q 279, for State obligations outstanding]

ITEM	1945 <sup>1</sup>	1950	1955	1957	1958	1959	1960	1961 (prel.)	1962 (est.)
<b>Total debt issued <sup>2</sup></b> .....	49	652	1,174	1,200	1,352	1,153	1,206	1,325	1,185
State obligations.....	11	400	646	702	913	669	680	800	641
County and local rural obligations.....	22	90	205	123	140	153	190	190	202
Municipal obligations.....	20	162	323	375	299	336	336	335	342
<b>Total debt redeemed <sup>3</sup></b> .....	258	322	421	535	543	610	616	639	655
State obligations.....	115	143	191	253	252	303	300	313	319
County and local rural obligations.....	87	83	89	92	94	92	96	98	100
Municipal obligations.....	78	96	141	190	197	210	220	228	236
<b>Total debt outstanding</b> .....	3,640	4,436	9,658	11,422	12,278	12,576	13,166	13,852	14,382
State obligations.....	1,638	2,096	6,619	7,945	8,641	9,004	9,384	9,871	10,193
County and local rural obligations.....	869	872	1,027	1,084	1,130	1,186	1,280	1,372	1,474
Municipal obligations.....	1,218	1,468	2,012	2,393	2,507	2,386	2,502	2,609	2,715

<sup>1</sup> Duplicated and interunit obligations have been excluded from totals only.

<sup>2</sup> Excludes refunding issues.

<sup>3</sup> Excludes redemptions by refunding.

Source: Department of Commerce, Bureau of Public Roads; releases.

# No. 757. STATE-HIGHWAY SYSTEMS—EXISTING MILEAGE, MILEAGE BUILT, FUNDS AVAILABLE, AND DISBURSEMENTS: 1940 TO 1960

[Data refer to calendar years for most States. Beginning 1950, includes Alaska and Hawaii. For definition of rural and municipal roads, see headnote, table 748. See also *Historical Statistics, Colonial Times to 1957*, series Q 255-259, for data on total mileage built by State highway departments]

ITEM	1940	1950	1955	1958	1959	1960
<b>Total mileage at end of year</b> .....	551,766	608,468	661,519	690,155	702,198	709,054
Primary rural State-highway systems.....	329,472	363,213	386,611	395,399	402,686	402,805
Unsurfaced roads.....	25,901	12,007	6,303	4,552	4,355	4,157
Surfaced roads.....	302,481	351,206	380,308	390,847	398,331	398,648
Low type <sup>1</sup> .....	180,091	168,654	169,458	163,163	162,080	159,691
High type <sup>1</sup> .....	122,390	182,552	210,850	227,684	236,251	238,957
Secondary rural roads.....	185,245	209,339	222,728	234,180	236,972	240,916
Municipal extensions of State-highway systems <sup>2</sup> .....	27,049	35,916	41,912	46,869	48,390	50,168
Other State roads <sup>3</sup> .....			10,267	13,707	14,150	15,175
<b>Total mileage built during year by State-highway departments</b> .....	32,594	55,487	53,559	54,753	50,232	49,428
Graded and drained.....	2,207	3,364	1,545	2,071	2,287	2,076
Surfaced.....	30,387	52,123	52,014	52,682	47,945	47,352
State controlled.....	29,095	44,265	41,120	39,824	30,282	30,044
Graded and drained.....	1,423	1,784	694	313	185	328
High-type surface <sup>1</sup> .....	5,223	13,370	17,672	23,044	21,892	22,013
Low-type surface <sup>1</sup> .....	23,049	29,102	22,754	15,897	14,205	14,603
State-highway funds available <sup>4</sup> ..... mil. dol.	2,038	5,068	9,547	11,216	12,301	12,303
Disbursements of State-highway funds <sup>4</sup> ..... do.....	1,678	3,562	6,034	8,479	9,277	8,957

<sup>1</sup> For 1940, low type was distinguished from high type by quality of surfacing material used; for 1950, also by rigidity of base; and beginning 1955, also by combined thickness of surface and base.

<sup>2</sup> Includes connecting streets not under State control. Beginning 1950, excludes streets of this type in Kentucky, Maryland, Mississippi, and District of Columbia. May include the municipal portion of a State route entering a city or town.

<sup>3</sup> Mileage of State park, forest, institutional, toll, and other roads under State control.

<sup>4</sup> Includes funds transferred to or from local units and proceeds of highway-user imposts allotted by the State treasurer for county and other local roads and streets, and nonhighway purposes. See also tables 753 and 759.

<sup>5</sup> Includes accumulated reserves.

Source: Department of Commerce, Bureau of Public Roads; annual report, *Highway Statistics*.

## No. 758. DISBURSEMENTS OF STATE HIGHWAY FUNDS, BY STATES: 1930 TO 1960

[In millions of dollars. Comprises disbursements, whether from current revenues or proceeds of loans, for construction, maintenance, interest and principal payments on highway bonds, transfers to local units, and miscellaneous disbursements. Includes transactions by State toll authorities. Beginning 1940, covers calendar years; figures for earlier years for many States represent fiscal years]

STATE	1930	1940	1945	1950	1955	1957	1958	1959	1960
<b>United States <sup>1</sup>.....</b>	<b>1,331</b>	<b>1,678</b>	<b>1,302</b>	<b>3,562</b>	<b>6,034</b>	<b>7,702</b>	<b>8,479</b>	<b>9,277</b>	<b>8,957</b>
Alabama.....	20	28	26	49	87	119	117	140	174
Alaska.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	23	19
Arizona.....	6	9	6	20	33	51	58	64	72
Arkansas.....	40	18	15	46	55	67	70	82	95
California.....	50	99	138	268	558	715	720	701	780
Colorado.....	11	15	12	38	56	88	99	93	91
Connecticut.....	16	23	15	38	79	292	188	180	161
Delaware.....	8	4	3	32	25	41	44	43	36
Dist. of Columbia.....	2	7	4	11	24	24	31	41	48
Florida.....	20	39	30	93	152	238	237	287	316
Georgia.....	17	39	24	74	109	128	151	179	167
Hawaii.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	25	23
Idaho.....	8	8	6	27	34	34	41	49	44
Illinois.....	53	71	53	113	229	440	503	481	475
Indiana.....	27	40	35	69	200	136	188	225	241
Iowa.....	57	33	23	79	109	140	168	179	169
Kansas.....	17	21	16	50	110	104	129	134	109
Kentucky.....	20	20	20	67	102	106	143	188	138
Louisiana.....	30	30	22	71	115	157	183	225	204
Maine.....	18	14	10	24	65	50	61	65	62
Maryland.....	20	27	19	84	138	195	168	171	166
Massachusetts.....	24	38	21	98	203	240	236	277	237
Michigan.....	48	67	50	106	249	344	344	381	418
Minnesota.....	39	31	23	65	101	123	158	170	167
Mississippi.....	11	31	23	42	75	82	99	114	110
Missouri.....	44	28	21	53	105	132	151	162	165
Montana.....	8	12	7	22	30	42	52	55	54
Nebraska.....	16	20	16	36	59	62	81	79	95
Nevada.....	3	4	2	9	15	26	26	28	22
New Hampshire.....	10	8	7	14	30	41	44	47	50
New Jersey.....	49	58	46	188	303	191	212	245	221
New Mexico.....	10	13	8	26	39	66	71	72	64
New York.....	109	109	114	304	471	598	641	781	652
North Carolina.....	26	40	29	136	141	180	173	180	179
North Dakota.....	6	7	6	22	28	41	54	60	50
Ohio.....	68	93	76	147	353	444	526	543	523
Oklahoma.....	27	24	24	73	113	130	153	149	134
Oregon.....	19	18	14	50	79	92	98	123	113
Pennsylvania.....	104	128	73	279	350	406	454	477	423
Rhode Island.....	4	8	6	14	30	31	37	37	42
South Carolina.....	23	23	22	46	57	74	92	116	109
South Dakota.....	8	9	6	20	34	42	49	57	57
Tennessee.....	56	34	32	79	108	131	153	176	187
Texas.....	65	80	67	178	282	372	450	531	493
Utah.....	5	6	6	15	23	30	46	56	49
Vermont.....	9	8	4	10	17	26	33	39	43
Virginia.....	23	28	29	76	112	222	182	163	211
Washington.....	16	40	29	78	127	160	190	181	171
West Virginia.....	24	26	27	51	64	70	84	106	110
Wisconsin.....	27	41	28	68	109	138	166	181	171
Wyoming.....	4	6	3	14	22	36	47	47	44

<sup>1</sup> Beginning 1950, includes Alaska and Hawaii.

<sup>2</sup> Not available.

Source: Department of Commerce, Bureau of Public Roads; annual report, *Highway Statistics*.

# NO. 759. STATE HIGHWAY FUNDS AVAILABLE, BY SOURCE AND DISBURSEMENTS, BY PURPOSE, BY STATES: 1960

[In millions of dollars. Comprises receipts and disbursements of all State imposts on highway users, all other funds available to State highway departments, and State funds other than those of highway department which were reported as being applied to highway purposes. Includes transactions of interstate and intrastate toll authorities that are operated by State or quasi-State agencies. See also *Historical Statistics, Colonial Times to 1957*, series Q 266-278]

STATE	FUNDS AVAILABLE					DISBURSEMENTS				
	Total	Motor-vehicle fees, motor-fuel and motor-carrier taxes	Federal funds	Income from issue of bonds, notes, etc.	All other sources <sup>1</sup>	Total <sup>2</sup>	For State-administered highways <sup>3</sup>	For county and local roads and streets <sup>3</sup>		
							Capital outlay, roads and bridges <sup>4</sup>	Maintenance <sup>4</sup>	Other <sup>4</sup>	
United States....	12,303	5,313	2,521	707	3,761	8,957	4,669	986	1,148	1,557
Alabama.....	203	84	56	25	37	174	86	16	18	51
Alaska.....	26	5	14	.....	8	19	11	6	2	.....
Arizona.....	87	40	31	.....	16	72	44	7	6	12
Arkansas.....	119	55	34	.....	30	95	49	12	17	13
California.....	1,020	608	152	.....	259	786	391	41	66	154
Colorado.....	100	57	29	.....	15	91	49	9	11	18
Connecticut.....	217	67	26	36	89	161	83	19	30	9
Delaware.....	47	13	7	9	17	36	16	5	13	1
Dist. of Columbia.....	48	22	19	2	5	48	.....	.....	.....	40
Florida.....	436	185	75	42	134	316	139	19	37	15
Georgia.....	247	103	66	.....	88	167	85	11	11	41
Hawaii.....	46	13	5	.....	28	23	10	3	5	5
Idaho.....	47	25	17	.....	4	44	24	6	5	9
Illinois.....	627	251	187	.....	190	475	249	34	40	137
Indiana.....	307	145	71	.....	91	241	119	23	23	68
Iowa.....	197	108	44	.....	44	169	78	15	8	65
Kansas.....	133	63	43	.....	27	109	55	19	15	17
Kentucky.....	197	85	47	30	36	138	83	28	18	6
Louisiana.....	282	77	67	30	107	204	122	20	34	25
Maine.....	84	33	17	.....	33	62	32	15	11	3
Maryland.....	209	88	28	22	72	166	55	13	43	51
Massachusetts.....	319	102	53	15	150	237	121	25	64	18
Michigan.....	614	222	95	84	213	418	220	26	54	113
Minnesota.....	244	104	64	.....	76	167	92	17	10	42
Mississippi.....	141	58	37	7	39	110	50	10	12	35
Missouri.....	192	87	48	( <sup>6</sup> )	57	165	119	28	13	2
Montana.....	63	26	28	.....	9	54	39	6	4	4
Nebraska.....	94	53	33	.....	7	95	53	9	5	26
Nevada.....	25	13	9	.....	3	22	12	4	2	2
New Hampshire.....	42	21	17	.....	3	50	29	8	9	2
New Jersey.....	559	173	42	.....	344	221	82	29	61	21
New Mexico.....	68	37	23	.....	8	64	38	12	6	4
New York.....	1,239	369	160	80	631	652	378	73	98	73
North Carolina.....	249	140	44	.....	65	179	83	54	25	7
North Dakota.....	55	21	25	.....	9	50	31	5	3	10
Ohio.....	669	321	120	.....	229	523	273	41	75	122
Oklahoma.....	164	98	29	.....	37	134	48	15	11	38
Oregon.....	130	68	34	.....	23	113	54	13	16	23
Pennsylvania.....	577	265	79	10	224	423	211	72	85	48
Rhode Island.....	48	25	12	.....	12	42	20	6	5	1
South Carolina.....	140	63	40	.....	37	109	68	17	13	7
South Dakota.....	63	26	27	.....	11	57	36	6	3	11
Tennessee.....	208	110	78	10	10	187	94	10	11	53
Texas.....	556	339	164	.....	62	493	302	59	24	35
Utah.....	60	26	24	.....	9	49	34	6	5	3
Vermont.....	44	17	19	8	( <sup>7</sup> )	43	25	6	5	7
Virginia.....	445	106	56	234	50	211	92	40	64	12
Washington.....	243	112	33	65	44	171	69	19	22	31
West Virginia.....	119	60	33	8	18	110	62	31	15	.....
Wisconsin.....	198	119	41	.....	38	171	74	18	8	59
Wyoming.....	57	16	29	.....	12	44	32	4	3	4

<sup>1</sup> Balances from 1959, totaling \$3,026,809,000, and miscellaneous current revenues, totaling \$734,531,000.

<sup>2</sup> Includes disbursements of \$211,960,000 for collection and administration of highway-user revenues, and of \$385,347,000 for nonhighway purposes.

<sup>3</sup> Expenditures on county roads under State control in Ala. (8 counties), Del., N. C., Va. (all except 2 counties), and W. Va. included with those for State-administered highways.

<sup>4</sup> Includes some administration, engineering, and miscellaneous disbursements.

<sup>5</sup> Disbursements for administration, engineering, and miscellaneous; State highway police and safety; bond interest; and bond retirement.

<sup>6</sup> Less than \$500,000. <sup>7</sup> Credit of less than \$500,000.

Source: Department of Commerce, Bureau of Public Roads; annual report, *Highway Statistics, 1960*.



# Motor-Fuel Tax—Fuel Consumption

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## No. 760. FEDERAL AND STATE MOTOR-FUEL TAX, BY STATES: 1940 TO 1961

[Cents per gallon. Where 2 figures appear in a cell, the former is tax in effect at beginning of year, the latter is tax at end of year. See also *Historical Statistics, Colonial Times to 1957*, series Q 328-329]

STATE	1940	1950	1955	1960	1961 <sup>1</sup>	STATE	1940	1950	1955	1960	1961 <sup>1</sup>
Federal tax.....	1-1.5	1.5	2	4	4	Missouri.....	2	2	3	3	4 3-5
State average <sup>2</sup> .....	3.96	4.65	5.35	5.94	6.09	Montana.....	5	6	6-7	6	6
Alabama.....	6	6	6-7	7	7	Nebraska.....	5	6-5	6	7	7
Alaska.....	(3)	2	2-5	5-7	4 7-8	Nevada.....	4	4.5	5 5-6	6	6
Arizona.....	5	5	5	5	5	New Hampshire.....	4	4	5	7	7
Arkansas.....	6.5	6.5	6.5	6.5	6.5	New Jersey.....	3	3	4	5	4 5-6
California.....	3	4.5	5	5	5	New Mexico.....	5	7	6	6	6
Colorado.....	4	6	6	6	6	New York.....	4	4	4	5	6
Connecticut.....	3	4	4-6	6	6	North Carolina.....	6	7	7	7	7
Delaware.....	4	5	5	5	4 5-6	North Dakota.....	4	4	5-6	6	6
Dist. of Col.....	2	4	6	6	6	Ohio.....	4	4	5	7	7
Florida.....	7	7	7	7	7	Oklahoma.....	4	6.5	6.5	6.5	6.5
Georgia.....	6	7	6-6.5	6.5	6.5	Oregon.....	5	6	6	6	6
Hawaii.....	4	4	4-5	5	5	Pennsylvania.....	4	5	5-6	5	4 5-7
Idaho.....	5.1	6	6	6	6	Rhode Island.....	3	4	4	6.7	7
Illinois.....	3	3	5	5	5	South Carolina.....	6	6-7	7	7	7
Indiana.....	4	4	4	6	6	South Dakota.....	4	4	5	5	5
Iowa.....	3	4	5 5-6	5	5	Tennessee.....	7	7	7	7	7
Kansas.....	3	5	5	5	5	Texas.....	4	4	4-5	5	5
Kentucky.....	5	7	7	7	7	Utah.....	4	4	5	6	6
Louisiana.....	7	9	7	7	7	Vermont.....	4	5	5 5-5.5	5.5	5 6.5
Maine.....	4	6	6-7	7	7	Virginia.....	5	6	6	7	5 7
Maryland.....	4	5	6	6	6	Washington.....	5	6.5	6.5	6.5	4 6.5-7.5
Massachusetts.....	3	3	5	5.5	5.5	West Virginia.....	5	5	5-6	7	7
Michigan.....	3	3	4 5-6	6	6	Wisconsin.....	4	4	4-6	6	6
Minnesota.....	4-3	5	5	5	5	Wyoming.....	4	4	5	5	5
Mississippi.....	6	6-7	5 7	5 7	5 7						

<sup>1</sup> As of August 1, except in Missouri where the new rate became effective October 13.

<sup>2</sup> Weighted average, based on net gallons taxed. Beginning 1960, includes Alaska and Hawaii.

<sup>3</sup> No tax.

<sup>4</sup> Tax rates changed as follows during 1961; Alaska 7 to 8 cents, July 1; Delaware 5 to 6 cents, December 15; Missouri 3 to 5 cents, October 1; New Jersey 5 to 6 cents, June 1; Pennsylvania 5 to 7 cents, April 1; Washington 6.5 to 7.5 cents, April 1.

<sup>5</sup> Diesel fuel tax differs from gasoline tax.

<sup>6</sup> State tax rate is 8 cents in Hawaii County and 5 cents in the other counties.

<sup>7</sup> Trucks or combinations with more than 2 axles pay motor-fuel tax rates of 9 cents per gallon in Kentucky and Virginia. (Prior to July 1, 1960, the tax in Virginia was 8 cents.)

Source: Department of Commerce, Bureau of Public Roads; annual report, *Highway Statistics*.

## No. 761. MOTOR FUEL CONSUMPTION, BY USE: 1940 TO 1960

[In millions of gallons, except averages. Beginning 1959, includes Alaska and Hawaii. Comprises gasoline and all other fuels under State motor fuel laws. Excludes exports and Federal purchases for military use. Obtained chiefly from reports of State authorities. See also *Historical Statistics, Colonial Times to 1957*, series Q 318-320, for highway and nonhighway usage]

ITEM	1940	1945	1950	1955	1956	1957	1958	1959	1960
Total consumption <sup>1</sup> .....	24,404	22,304	40,280	53,116	55,711	57,443	59,087	62,226	63,714
Highway.....	22,001	19,149	35,653	47,731	50,214	51,895	53,418	56,332	57,878
Nonhighway.....	2,037	2,898	4,178	4,835	4,935	5,090	5,171	5,384	5,332
Passenger vehicles.....	16,759	14,023	25,037	34,319	36,128	37,594	38,904	40,879	41,996
Passenger cars <sup>2</sup> .....	16,323	13,323	24,305	33,548	35,326	36,769	38,095	40,056	41,189
Buses <sup>3</sup> .....	436	700	732	771	802	825	809	823	827
Trucks and combinations.....	5,156	5,055	10,566	13,308	13,978	14,271	14,514	15,453	15,882
Average gallons consumed per vehicle.....	680	617	728	759	768	767	776	782	777
Passenger cars <sup>2</sup> .....	594	517	603	644	651	652	664	666	661
Buses <sup>3</sup> .....	3,650	4,300	3,752	3,021	3,145	3,125	2,996	3,106	3,040
Trucks and combinations.....	1,095	1,020	1,257	1,278	1,302	1,302	1,301	1,324	1,330
Average mileage per gallon consumed per vehicle.....	13.79	13.05	12.87	12.67	12.54	12.47	12.44	12.43	12.42
Passenger cars <sup>2</sup> .....	15.29	14.95	14.95	14.53	14.37	14.40	14.30	14.30	14.28
Buses <sup>3</sup> .....	6.10	5.48	5.57	5.85	5.74	5.32	5.33	5.28	5.26
Trucks and combinations.....	9.68	9.08	8.57	8.37	8.31	7.93	7.96	7.97	7.96

<sup>1</sup> Includes losses allowed for evaporation, handling, etc.

<sup>2</sup> Includes taxicabs and motorcycles.

<sup>3</sup> Includes school buses.

Source: Department of Commerce, Bureau of Public Roads; annual report, *Highway Statistics*.

No. 762. MOTOR-VEHICLE OPERATORS AND CHAUFFEURS LICENSES, BY STATES:  
1959 AND 1960

[In thousands. Incomplete data for some States]

STATE	PERIOD FOR WHICH ISSUED <sup>1</sup>		1959			1960		
	Operators	Chauffeurs	Li- censes in force <sup>2</sup>	Licenses issued		Li- censes in force <sup>2</sup>	Licenses issued	
				Opera- tors	Chauf- eurs <sup>3</sup>		Opera- tors	Chauf- eurs <sup>3</sup>
United States.....			84,498	36,993	4,249	87,361	38,431	4,539
Alabama.....	2 years.....	Not required..	1,324	646	-----	1,321	675	-----
Alaska.....	3 years.....	Not required..	109	72	-----	109	37	-----
Arizona.....	3 years.....	2 years.....	716	234	45	778	252	40
Arkansas.....	1 year.....	1 year.....	799	708	31	811	780	81
California.....	3 and 5 years..	3 and 5 years..	8,155	2,155	129	8,694	2,542	113
Colorado.....	3 years.....	3 years.....	1,077	293	30	1,092	366	32
Connecticut.....	2 years.....	1 year.....	1,396	702	10	1,449	747	9
Delaware.....	( <sup>4</sup> ).....	( <sup>4</sup> ).....	225	51	3	231	94	20
District of Columbia.....	3 years.....	Not required..	340	121	-----	342	109	-----
Florida.....	2 years.....	2 years.....	2,553	2,261	292	2,550	2,358	302
Georgia.....	1 or 5 years..	1 or 5 years..	1,729	967	86	1,791	946	89
Hawaii.....	Indefinite.....	1 year.....	( <sup>5</sup> ).....	39	3	434	40	4
Idaho.....	2 years.....	2 years.....	403	206	20	420	172	21
Illinois.....	3 years.....	1 year.....	4,538	869	297	4,565	1,694	209
Indiana.....	2 years.....	1 year.....	2,299	740	238	2,298	1,325	234
Iowa.....	2 years.....	1 year.....	1,471	655	153	1,458	647	156
Kansas.....	2 years.....	2 years.....	1,394	649	105	1,407	594	68
Kentucky.....	2 years.....	1 year.....	1,250	608	5	1,254	607	6
Louisiana.....	2 years.....	1 year.....	1,275	622	133	1,308	549	137
Maine.....	1 year.....	Not required..	442	442	-----	446	446	-----
Maryland.....	2 years.....	2 years.....	1,410	406	48	1,480	512	143
Massachusetts.....	2 years.....	1 year.....	1,606	1,675	( <sup>7</sup> ).....	1,610	1,121	( <sup>7</sup> ).....
Michigan.....	3 years.....	1 year.....	4,040	1,337	241	4,078	1,378	241
Minnesota.....	4 years.....	1 year.....	1,766	456	199	1,793	629	203
Mississippi.....	1 or 2 years..	1 or 2 years..	723	464	32	747	427	47
Missouri.....	3 years.....	1 year.....	1,987	943	160	2,085	374	168
Montana.....	2 years.....	2 years.....	353	143	16	356	177	20
Nebraska.....	2 years.....	Not required..	888	771	-----	896	125	-----
Nevada.....	2 years.....	2 years.....	156	95	14	167	56	15
New Hampshire.....	2 years.....	2 years.....	208	76	5	312	177	61
New Jersey.....	1 or 3 years..	Indefinite.....	12,574	1,832	( <sup>7</sup> ).....	12,757	1,891	( <sup>7</sup> ).....
New Mexico.....	3 years.....	1 year.....	490	239	69	498	181	78
New York.....	3 years.....	3 years.....	6,885	1,445	364	7,062	1,521	410
North Carolina.....	4 years.....	1 year.....	1,941	496	65	2,000	490	66
North Dakota.....	2 years.....	Not required..	358	330	-----	353	23	-----
Ohio.....	3 years.....	3 years.....	4,606	1,176	113	4,694	2,499	224
Oklahoma.....	2 years.....	2 years.....	1,200	556	73	1,223	521	73
Oregon.....	2 years.....	2 years.....	1,028	466	41	1,049	483	59
Pennsylvania.....	2 years.....	Not required..	5,416	5,218	-----	5,770	5,770	-----
Rhode Island.....	2 years.....	2 years.....	410	189	11	416	204	12
South Carolina.....	4 years.....	1 year.....	1,053	51	( <sup>9</sup> ).....	1,097	44	( <sup>9</sup> ).....
South Dakota.....	4 years.....	Not required..	390	146	-----	425	36	-----
Tennessee.....	2 years.....	2 years.....	1,606	1,388	104	1,604	104	8
Texas.....	2 years.....	1 year.....	4,282	1,583	894	4,352	1,829	941
Utah.....	3 and 5 years..	3 and 5 years..	459	87	10	482	63	7
Vermont.....	1 year.....	Not required..	177	177	-----	179	179	-----
Virginia.....	3 years.....	1 year.....	1,792	502	70	1,827	755	80
Washington.....	2 years.....	Not required..	1,405	723	-----	1,422	700	-----
West Virginia.....	4 years.....	1 year.....	808	117	34	833	284	47
Wisconsin.....	2 years.....	1 year.....	1,894	703	73	1,893	849	66
Wyoming.....	3 years.....	1 year.....	203	103	15	212	51	16

<sup>1</sup> In effect as of January 1, 1962.<sup>2</sup> Estimated from data reported by States for current and previous years; no allowance made for deaths, emigration, or revocation.<sup>3</sup> Includes public service and other special licenses that are issued to operators of vehicles for hire.<sup>4</sup> Chauffeurs' licenses not added to operators' licenses since an operator's license is required in addition to the chauffeur's license.<sup>5</sup> Issued for 2-year period, but drivers meeting certain requirements may obtain licenses for indefinite period.<sup>6</sup> Not available.<sup>7</sup> Special bus operators' licenses are required; numbers issued not available.<sup>8</sup> Includes 9,399 school bus operators' licenses in 1959, and 9,517 in 1960.<sup>9</sup> A permit to operate "For hire" vehicles is required, but the number issued is not available.Source: Department of Commerce, Bureau of Public Roads; annual report, *Highway Statistics*.

## No. 763. MOTOR VEHICLES—SUMMARY OF SELECTED ITEMS: 1950 TO 1961

[Excludes Alaska and Hawaii]

ITEM	1950	1955	1957	1958	1959	1960	1961
SALES, EXPORTS, IMPORTS, AND SCRAPPAGE							
Passenger car factory sales.....	1,000	6,666	7,920	6,113	4,258	5,591	6,875
4-door sedans.....	do	3,247	3,044	1,952	1,481	2,066	2,087
2-door sedans, coaches and coupes <sup>1</sup> .....	do	2,794	1,691	908	705	895	1,094
"Hard-top" coupes and sedans.....	do	267	2,109	2,073	1,200	1,459	1,517
Convertibles (except "hard-top").....	do	208	240	285	194	255	305
Station wagons <sup>2</sup> .....	do	142	759	890	673	913	1,059
Chassis.....	do	9	18	6	5	4	3
Truck and bus factory sales.....	do	1,337	1,249	1,107	877	1,137	1,194
Passenger cars (new), exported.....	do	153	254	161	126	117	145
Passenger cars (new), imported.....	do	21	57	259	431	608	444
Exports, value.....	\$1,000,000	794	1,307	1,465	1,226	1,279	1,407
Passenger cars (new).....	do	179	380	299	258	220	235
Trucks and buses (new).....	do	217	340	434	294	321	378
Rubber tires and tubes.....	do	47	82	100	79	77	79
Parts and accessories (incl. used vehicles).....	do	350	605	633	595	662	717
Imports of new passenger cars, value.....	do	21	69	301	487	735	513
Vehicles scrapped <sup>3</sup> .....	1,000	3,234	4,392	4,264	4,177	5,217	( <sup>4</sup> )
Passenger cars <sup>3</sup> .....	do	2,698	3,773	3,702	3,639	4,526	( <sup>4</sup> )
Trucks and buses <sup>3</sup> .....	do	636	619	562	538	691	( <sup>4</sup> )
TIRES AND PARTS							
Tires, passenger car:							
Production.....	1,000	78,598	97,223	93,547	83,636	102,066	105,361
Shipments.....	do	84,423	93,730	90,217	85,696	97,339	105,087
Original equipment.....	do	36,678	42,574	32,724	23,408	29,758	36,278
Replacement.....	do	47,108	50,189	56,605	61,870	66,795	68,475
Export.....	do	642	966	888	717	786	934
Inventory, year-end.....	do	3,050	15,963	19,818	17,778	23,599	23,583
Tires, truck and bus:							
Production.....	do	14,156	14,955	13,394	12,927	15,238	14,482
Shipments.....	do	16,104	14,769	13,430	13,232	15,076	13,911
Original equipment.....	do	4,671	4,800	4,041	3,375	4,418	3,925
Replacement.....	do	9,705	9,057	8,544	9,226	10,415	9,210
Export.....	do	788	912	843	631	644	776
Inventory, year-end.....	do	743	2,815	3,403	3,161	3,355	3,957
Replacement parts and accessories, domestic sales (wholesale value) <sup>5</sup> .....	\$1,000,000	1,882	1,806	2,009	2,025	2,264	2,313
Auto battery shipments for replacement, United States.....	1,000	24,442	25,828	25,943	25,270	27,495	26,329
SPECIAL MOTOR-VEHICLE TAXES <sup>6</sup>							
Special motor-vehicle taxes.....	\$1,000,000	4,339	7,212	8,659	8,420	9,542	10,457
Federal excise.....	do	1,479	2,736	3,513	3,132	3,760	4,397
State gross registration receipts.....	do	948	1,483	1,661	1,792	1,826	1,924
State gasoline, net.....	do	1,667	2,543	2,907	2,982	3,265	3,396
Special city and county <sup>7</sup> .....	do	87	159	195	182	197	206
Bridge, tunnel, ferry, road tolls.....	do	157	292	382	422	495	533
TRAFFIC DEATHS							
Traffic deaths <sup>8</sup> .....	number	34,763	38,426	38,702	36,981	37,910	38,200
Noncollision accidents.....	do	10,600	12,100	11,800	11,600	11,800	12,100
Collision accidents:							
With other motor vehicles.....	do	11,650	14,500	15,400	14,200	14,900	14,800
With pedestrians.....	do	9,000	8,200	7,850	7,650	7,850	7,750
With other vehicles or objects.....	do	3,490	3,605	3,629	3,505	3,358	3,556
Traffic death rates:							
Per 100,000 population.....	do	23.0	23.4	22.7	21.3	21.5	21.2
Per 10,000 motor vehicles.....	do	7.1	6.1	5.8	5.4	5.3	5.2
Per 100 million vehicle miles.....	do	7.6	6.4	6.0	5.6	5.4	5.3

<sup>1</sup> Includes business coupes. <sup>2</sup> Excludes station wagons on commercial vehicle chassis.<sup>3</sup> Estimated.<sup>4</sup> Not available. <sup>5</sup> Government purchases not included. Estimates based on Federal excise tax receipts.<sup>6</sup> Special taxes on motor-vehicle users. Excludes income and property taxes on motor vehicle, body, parts and tire factories; garages; dealers; repair shops; terminal and truck, including taxicab and bus, operating companies.<sup>7</sup> Includes amounts collected on use of vehicles over 26,000 lbs. as follows: 1957, \$54,999,000; 1958, \$32,820,000; 1959, \$35,855,000; 1960, \$44,539,000; 1961, \$60,000,000.<sup>8</sup> Includes parking meter revenues.<sup>9</sup> Totals do not equal the sum of the various types because the estimates were generally made only to the nearest 10 deaths, and to the nearest 50 deaths for certain types.Source: Automobile Manufacturers Association, Detroit, Mich.; *Automobile Facts and Figures*.

# No. 764. MOTOR-VEHICLE TRAVEL, BY TYPE OF VEHICLE AND CLASS OF ROAD: 1940 TO 1960

[In millions of vehicle-miles, except averages. Beginning 1950, estimates for total United States travel based on automatic traffic recorder data from 50 States and District of Columbia. Urban travel includes all travel in municipalities and most travel in urbanized areas. All other travel is classed as rural. See also *Historical Statistics, Colonial Times to 1957*, series Q 321-327]

ITEM	1940	1945	1950	1955	1957	1958	1959	1960
Total travel.....	302,188	250,173	458,246	603,434	647,004	664,653	700,478	718,845
CLASS OF ROAD								
Rural.....	152,195	120,012	230,998	336,153	350,305	357,584	376,688	387,260
Main rural roads.....	100,861	85,921	174,350	227,988	250,096	265,197	280,303	288,483
Local rural roads.....	42,334	34,091	65,648	108,165	90,309	92,387	96,295	98,777
Urban.....	149,993	130,161	218,248	267,281	296,699	307,069	323,790	331,585
TYPE OF VEHICLE								
Passenger vehicles.....	252,257	204,232	367,694	492,047	533,798	549,183	577,324	592,430
Rural.....	121,988	92,831	183,218	265,667	277,235	283,454	297,303	305,538
Urban.....	130,269	111,401	184,476	226,380	256,563	265,729	279,931	286,898
Passenger cars <sup>1</sup> .....	249,600	200,398	363,613	487,540	529,405	544,873	572,076	588,083
Rural.....	120,540	90,926	181,095	263,088	275,034	281,253	295,153	303,283
Urban.....	129,060	109,472	182,518	224,452	254,371	263,620	277,823	284,800
Buses.....	2,657	3,834	4,081	4,507	4,393	4,310	4,348	4,353
Rural.....	1,448	1,905	2,123	2,579	2,201	2,201	2,240	2,255
Urban.....	1,209	1,929	1,958	1,928	2,192	2,109	2,108	2,098
Trucks and combinations.....	49,931	45,941	90,552	111,387	113,206	115,470	123,154	126,409
Rural.....	30,207	27,181	56,780	70,486	73,070	74,130	79,295	81,722
Urban.....	19,724	18,760	33,772	40,901	40,136	41,340	43,859	44,687
AVERAGE MILES PER VEHICLE								
Passenger vehicles.....	9,129	7,870	9,078	9,400	9,425	9,524	9,550	9,474
Passenger cars <sup>1</sup> .....	9,080	7,771	9,020	9,359	9,391	9,494	9,529	9,446
Buses.....	18,580	23,521	20,910	17,658	16,640	15,963	16,408	16,004
Trucks and combinations.....	10,626	9,270	10,776	10,697	10,328	10,348	10,552	10,583

<sup>1</sup> Includes taxicabs and motorcycles.

Sources: Department of Commerce, Bureau of Public Roads; releases.

# No. 765. MOTOR VEHICLES—FACTORY SALES AND REGISTRATIONS: 1900 TO 1961

[Beginning 1950, registrations include Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series Q 310-317]

YEAR	FACTORY SALES								REGISTRATIONS <sup>3</sup> (1,000)		
	Number (1,000)			Wholesale value <sup>2</sup> (\$1,000,000)				Total	Passen- ger cars and taxis <sup>4</sup>	Trucks and buses <sup>4</sup>	
	Total	Pas- senger cars	Trucks and buses <sup>1</sup>	Total	Passenger cars		Trucks and buses <sup>1</sup>				
					Total value	Average price	Total value				Average price
1900.....	4	4	5	5	1,169	10	1,610	8	8	10	
1910.....	187	181	6	225	215	1,189	1,610	469	458	1,108	
1920.....	2,227	1,906	322	2,232	1,809	949	1,815	9,239	8,132	1,108	
1930.....	3,363	2,787	575	2,035	1,644	500	1,679	26,750	23,035	3,715	
1940.....	4,472	3,717	755	2,938	2,371	638	752	32,453	27,466	4,987	
1945.....	725	70	656	1,230	57	823	1,803	31,035	25,793	5,242	
1950.....	8,003	6,666	1,337	10,176	8,468	1,270	1,277	49,162	40,334	8,828	
1955.....	9,169	7,920	1,249	14,474	12,453	1,572	2,021	62,694	52,136	10,558	
1956.....	9,921	8,816	1,104	11,832	9,755	1,677	2,077	1,881	65,154	54,201	
1957.....	7,221	6,113	1,107	13,281	11,198	1,832	2,083	1,881	67,131	55,906	
1958.....	5,135	4,258	877	9,740	8,010	1,881	1,730	1,973	68,299	56,871	
1959.....	6,729	5,591	1,137	12,873	10,534	1,884	2,339	2,056	71,497	59,562	
1960.....	7,869	6,675	1,194	14,515	12,164	1,822	2,350	1,968	73,941	61,724	
1961.....	6,067	5,543	1,134	12,490	10,319	1,862	2,171	1,914	75,847	63,274	

<sup>1</sup> A substantial part of the trucks and buses reported comprises chassis without body; hence, excludes the value of bodies for these chassis. Includes military trucks.

<sup>2</sup> Beginning 1940, includes value of standard equipment. <sup>3</sup> Includes publicly owned vehicles.

<sup>4</sup> Prior to 1930, buses included with passenger cars. <sup>5</sup> Preliminary estimate.

Sources: Factory sales—Automobile Manufacturers Association, Detroit, Mich.; *Automobile Facts and Figures*. Registrations—Department of Commerce, Bureau of Public Roads; annual report, *Highway Statistics*.

**NO. 766. MOTOR-VEHICLE REGISTRATIONS (PASSENGER CARS, BUSES, AND TRUCKS),  
BY STATES: 1920 TO 1961**

[In thousands. Includes publicly 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	1920	1925	1930	1935	1940	1945	1950	1955	1960	1961
<b>United States.....</b>	<b>9,239</b>	<b>20,069</b>	<b>26,750</b>	<b>26,546</b>	<b>32,453</b>	<b>31,035</b>	<b>49,162</b>	<b>62,694</b>	<b>73,769</b>	<b>75,847</b>
Alabama.....	75	196	281	249	346	366	686	1,041	1,282	1,311
Alaska.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	81	86
Arizona.....	35	69	112	107	143	148	271	415	624	664
Arkansas.....	59	184	221	210	261	279	477	584	708	731
California.....	584	1,459	2,060	2,177	2,808	2,804	4,620	6,189	7,799	8,093
Colorado.....	129	241	311	288	358	348	564	737	924	971
Connecticut.....	119	252	334	371	498	510	716	921	1,107	1,144
Delaware.....	18	40	57	58	73	69	108	154	192	199
District of Columbia.....	34	105	159	174	165	114	195	197	206	207
Florida.....	74	288	331	362	503	526	985	1,616	2,367	2,448
Georgia.....	146	251	345	399	510	531	898	1,239	1,512	1,559
Hawaii.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	231	245
Idaho.....	51	83	120	121	167	154	272	338	375	386
Illinois.....	569	1,207	1,646	1,536	1,939	1,734	2,651	3,268	3,776	3,858
Indiana.....	333	732	890	857	1,009	990	1,435	1,763	2,046	2,090
Iowa.....	437	662	783	705	803	701	1,072	1,195	1,325	1,353
Kansas.....	294	459	598	558	589	607	853	1,048	1,163	1,190
Kentucky.....	113	263	334	352	470	442	784	1,032	1,198	1,235
Louisiana.....	73	209	279	275	372	409	707	952	1,177	1,190
Maine.....	63	141	188	184	209	210	276	323	374	384
Maryland.....	103	238	324	349	449	462	685	938	1,155	1,184
Massachusetts.....	274	639	851	792	914	868	1,280	1,540	1,803	1,859
Michigan.....	413	993	1,338	1,254	1,571	1,475	2,433	3,114	3,306	3,354
Minnesota.....	324	571	736	733	879	757	1,169	1,365	1,592	1,612
Mississippi.....	68	178	239	190	264	268	484	637	723	746
Missouri.....	297	606	766	772	930	860	1,261	1,490	1,623	1,642
Montana.....	61	96	137	153	196	161	265	336	381	388
Nebraska.....	219	340	428	409	417	410	569	662	734	756
Nevada.....	10	22	30	36	46	47	77	124	175	187
New Hampshire.....	35	82	113	118	137	131	172	212	266	270
New Jersey.....	228	586	861	899	1,100	1,031	1,579	2,061	2,401	2,534
New Mexico.....	18	50	85	95	128	121	238	340	426	443
New York.....	676	1,638	2,330	2,359	2,775	2,360	3,735	4,643	5,067	5,200
North Carolina.....	141	344	462	475	607	620	1,056	1,437	1,720	1,788
North Dakota.....	91	145	184	165	184	182	276	309	345	349
Ohio.....	621	1,354	1,773	1,732	1,942	1,927	2,795	3,526	4,087	4,167
Oklahoma.....	213	427	555	508	584	512	831	1,026	1,184	1,222
Oregon.....	115	218	255	299	401	421	689	802	919	942
Pennsylvania.....	670	1,340	1,775	1,765	2,168	1,983	3,010	3,737	4,287	4,370
Rhode Island.....	50	102	137	150	189	180	251	308	341	348
South Carolina.....	94	170	221	240	343	341	579	782	879	899
South Dakota.....	120	169	206	181	198	181	290	325	354	365
Tennessee.....	102	247	374	360	401	407	858	1,102	1,307	1,363
Texas.....	428	987	1,378	1,398	1,716	1,605	2,908	3,899	4,457	4,662
Utah.....	43	74	115	108	143	157	247	336	417	430
Vermont.....	32	70	87	83	95	91	121	136	152	155
Virginia.....	115	287	381	393	509	556	918	1,243	1,426	1,482
Washington.....	174	332	462	463	573	626	924	1,164	1,377	1,406
West Virginia.....	81	219	269	254	309	290	482	552	601	610
Wisconsin.....	293	567	788	763	913	830	1,201	1,386	1,600	1,636
Wyoming.....	24	48	62	71	88	85	145	174	207	210

<sup>1</sup> Not available.

Source: Department of Commerce, Bureau of Public Roads; annual report, *Highway Statistics*.

## No. 767. MOTOR-VEHICLE REGISTRATIONS, BY STATES: 1960 AND 1961

(In thousands)

STATE	1960					1961				
	Automobiles, trucks, and buses				Motor-cycles (incl. offi- cial) <sup>1</sup>	Automobiles, trucks, and buses				Motor-cycles (incl. offi- cial) <sup>1</sup>
	Total	Private and com- mercial		Publicly owned vehicles, Federal, State, county, etc. <sup>2</sup>		Total	Private and com- mercial		Publicly owned vehicles, Federal, State, county, etc. <sup>2</sup>	
		Automobiles (incl. taxi- cabs)	Trucks and buses				Automobiles (incl. taxi- cabs)	Trucks and buses		
United States.....	73,769	61,300	11,498	971.0	574.1	75,847	63,011	11,810	1,025.8	595.7
Alabama.....	1,282	1,039	225	18.2	11.0	1,311	1,062	229	19.2	11.4
Alaska.....	81	59	19	2.8	0.9	86	63	21	2.5	1.0
Arizona.....	624	485	127	11.5	8.6	664	516	135	12.7	9.8
Arkansas.....	708	501	198	9.3	4.8	731	515	206	9.8	5.3
California.....	7,799	6,625	1,069	105.1	79.6	8,093	6,859	1,123	110.3	87.4
Colorado.....	924	710	199	15.9	11.0	971	746	208	17.4	11.6
Connecticut.....	1,107	975	121	11.0	6.4	1,144	1,007	125	11.2	5.8
Delaware.....	192	142	48	2.2	0.9	199	146	51	2.3	1.0
Dist. of Col.....	206	181	19	3 6.3	0.8	207	182	19	3 6.4	0.9
Florida.....	2,367	2,041	296	29.9	29.5	2,448	2,116	301	31.0	31.4
Georgia.....	1,512	1,218	274	19.4	8.7	1,550	1,258	281	20.7	10.8
Hawaii.....	231	198	29	4.0	3.5	245	210	30	4.7	4.1
Idaho.....	375	254	112	8.5	3.0	386	262	115	8.8	4.1
Illinois.....	3,776	3,302	440	34.4	26.1	3,853	3,377	444	36.9	25.6
Indiana.....	2,046	1,678	351	17.4	18.7	2,090	1,714	360	17.3	19.2
Iowa.....	1,325	1,070	239	16.2	11.1	1,353	1,086	250	17.0	11.7
Kansas.....	1,163	870	275	18.6	11.2	1,190	892	280	18.8	11.5
Kentucky.....	1,198	948	235	14.9	6.9	1,235	974	245	15.7	7.0
Louisiana.....	1,177	937	225	15.1	8.1	1,190	947	227	15.4	7.7
Maine.....	374	299	70	5.0	1.9	384	308	71	5.2	1.9
Maryland.....	1,155	1,003	142	9.9	5.9	1,184	1,030	144	10.1	4.5
Massachusetts.....	1,803	1,599	181	23.5	10.0	1,859	1,652	182	25.1	12.5
Michigan.....	3,306	2,833	388	35.2	32.6	3,354	2,928	390	36.9	28.2
Minnesota.....	1,592	1,302	271	18.5	12.3	1,612	1,317	276	18.9	13.1
Mississippi.....	723	527	183	13.4	3.4	746	547	186	13.9	3.9
Missouri.....	1,623	1,274	331	16.9	10.0	1,642	1,287	337	18.0	10.4
Montana.....	381	290	114	7.1	2.6	388	265	116	7.2	3.2
Nebraska.....	734	554	171	9.2	5.4	756	569	178	9.6	5.5
Nevada.....	175	134	37	4.1	3.1	187	140	43	4.4	3.7
New Hampshire.....	266	208	41	6.9	2.0	276	228	41	7.5	2.2
New Jersey.....	2,401	2,115	262	24.4	12.4	2,534	2,240	268	25.7	12.4
New Mexico.....	426	303	115	8.5	7.4	443	324	111	8.9	7.5
New York.....	5,067	4,492	509	65.7	16.1	5,200	4,608	516	75.9	15.8
North Carolina.....	1,720	1,374	307	38.8	6.2	1,788	1,427	319	42.0	6.3
North Dakota.....	345	231	109	5.0	1.5	349	233	110	5.4	1.7
Ohio.....	4,087	3,625	421	40.6	38.7	4,167	3,697	428	41.7	36.4
Oklahoma.....	1,184	879	288	17.3	13.0	1,222	901	302	17.9	13.2
Oregon.....	919	737	164	18.0	8.8	942	758	166	18.3	8.3
Pennsylvania.....	4,287	3,713	530	44.0	29.0	4,370	3,791	534	44.8	29.7
Rhode Island.....	341	302	36	3.2	1.8	348	308	36	3.4	2.0
South Carolina.....	879	718	143	17.7	4.7	899	734	147	18.5	4.8
South Dakota.....	354	254	94	5.7	2.4	365	261	97	6.1	2.8
Tennessee.....	1,307	1,067	221	19.1	10.4	1,363	1,115	227	20.9	11.5
Texas.....	4,457	3,524	877	55.2	47.0	4,662	3,600	906	55.7	46.3
Utah.....	417	329	80	7.5	3.4	436	343	85	8.2	4.5
Vermont.....	152	122	28	2.3	1.2	155	124	29	2.5	1.3
Virginia.....	1,426	1,190	214	22.4	6.6	1,482	1,239	210	24.3	6.5
Washington.....	1,377	1,104	245	27.7	6.8	1,406	1,126	251	28.8	9.6
West Virginia.....	601	475	114	11.0	3.1	619	487	120	11.7	3.9
Wisconsin.....	1,600	1,329	249	21.8	12.5	1,636	1,351	260	25.4	13.0
Wyoming.....	207	140	62	4.7	1.8	210	141	64	5.0	2.2

<sup>1</sup> Excludes vehicles owned by military services.<sup>2</sup> Includes an unspecified number of commercial-type vehicles under 3,000 pounds that cannot be segregated.<sup>3</sup> Includes 2,268 automobiles of the diplomatic corps for 1960, and 2,562 for 1961.Source: Department of Commerce, Bureau of Public Roads; annual report, *Highway Statistics*.

## No. 768. AUTOMOBILE OWNERSHIP, AGE, AND FINANCING: 1950 TO 1961

[Excludes Alaska and Hawaii. For definitions of families and spending units, see text, p. 3, and headnote, table 442, respectively]

ITEM	1950	1955	1957	1958	1959	1960	1961
Total number of families in U.S. <sup>1</sup> .....millions..	45.7	49.3	51.2	52.0	52.6	53.4	54.2
Total owning automobiles.....percent.....	60	71	75	74	74	77	76
Total number of spending units in U.S. <sup>1</sup> .....millions..	52.6	54.3	56.1	56.9	56.8	56.8	58.0
Total owning automobiles <sup>2</sup> .....percent.....	55	67	72	70	71	74	74
Automobiles owned, by age: <sup>3</sup>							
Less than 2 years old.....do.....	17	12	14	12	10	14	13
2 and 3 years old.....do.....	19	22	24	25	23	20	17
4, 5, 6, and 7 years old.....do.....	6	43	40	37	38	41	42
8 years old and over.....do.....	58	23	22	26	28	25	28
Total automobile purchasers <sup>2</sup> .....millions..	12.8	15.5	12.8	12.6	13.5	16.5	
New car.....do.....	5.3	6.1	4.4	3.9	5.0	5.5	
Average price paid.....dollars.....	2,220	2,940	3,230	2,990	3,150	3,030	
Used car.....millions..	7.5	9.4	8.4	8.7	8.5	11.0	
Average price paid.....dollars.....	730	780	900	850	1,020	820	
Method of financing by purchasers: <sup>2</sup>							
All passenger-car buyers <sup>4</sup> .....percent.....	100	100	100	100	100	100	
Full cash (including trade-in allowance).....do.....	47	38	38	43	38	47	(4)
Installment credit and other borrowing.....do.....	52	60	60	56	61	52	
New-passenger-car buyers <sup>4</sup> .....do.....	100	100	100	100	100	100	
Full cash (including trade-in allowance).....do.....	54	39	34	36	33	39	
Installment credit and other borrowing.....do.....	46	60	65	63	66	61	
Used-passenger-car buyers <sup>4</sup> .....do.....	100	109	100	100	100	100	
Full cash (including trade-in allowance).....do.....	41	37	39	45	41	52	
Installment credit and other borrowing.....do.....	57	60	58	54	57	47	

<sup>1</sup> At time of survey, early in year.<sup>2</sup> Covers spending units buying cars during year and still owning them at survey time (January–February of following year). <sup>3</sup> Age is determined by subtracting model year from year of survey.<sup>4</sup> Not available. <sup>5</sup> Includes buyers from whom method of financing was not ascertained. Beginning 1958, such buyers were assigned to either the cash or credit group; prior to that, the data shown for cash and credit buyers reflect only those buyers who reported method of financing.Source: The University of Michigan, Survey Research Center; *Survey of Consumer Finances*. Prior to 1959, sponsored by Board of Governors of Federal Reserve System and published periodically in *Federal Reserve Bulletin*.

## No. 769. AUTOMOBILE INSURANCE—PREMIUMS WRITTEN AND LOSSES PAID, BY TYPE: 1950 TO 1960

[In millions of dollars. Beginning 1957, includes Alaska and Hawaii. 1950, net basis; 1955 to 1958, direct writing basis, and beginning 1959, direct premiums earned and direct losses incurred]

YEAR	TOTAL INSURANCE			LIABILITY, BODILY INJURY			LIABILITY, PROPERTY DAMAGE <sup>1</sup>			PHYSICAL DAMAGE <sup>2</sup>		
	Premi- ums written	Losses paid	Percent losses paid of premi- ums written	Premi- ums written	Losses paid	Percent losses paid of premi- ums written	Premi- ums written	Losses paid	Percent losses paid of premi- ums written	Premi- ums written	Losses paid	Percent losses paid of premi- ums written
1950.....	2,625	1,089	40.7	931	396	42.5	482	231	47.9	1,212	442	36.5
1955.....	4,644	2,122	45.7	1,735	820	47.3	898	415	46.3	2,013	887	43.6
1957.....	5,037	2,714	53.9	2,180	1,141	52.3	989	541	54.7	1,868	1,032	55.2
1958.....	5,404	2,840	52.7	2,432	1,280	52.6	1,087	572	52.6	1,885	994	52.7
1959.....	6,080	3,445	56.8	2,596	1,615	62.2	1,185	655	55.3	2,270	1,175	51.6
1960.....	6,489	3,667	56.5	2,842	1,698	59.7	1,259	696	55.3	2,388	1,273	53.3

<sup>1</sup> Covers real property against damage by autos. <sup>2</sup> Covers auto fire, theft, collision, and comprehensive.Source: The Spectator, Philadelphia, Pa.; *Insurance Yearbook*, Fire and Casualty Volume; and beginning 1955, *Insurance by States Volume*.

## No. 770. SPEED OF MOTOR VEHICLES: 1945 TO 1961

[Excludes Alaska and Hawaii. Based on actual speed of each vehicle recorded on tangent sections of main rural highways during off-peak hours]

ITEM	1945 <sup>1</sup>	1950	1953	1954	1955	1956	1957	1958	1959	1960	1961
Number of vehicles recorded.....1,000.....	96	280	241	236	395	381	344	515	396	459	500
Average speed, all vehicles.....m. p. h.....	44.0	47.6	49.7	49.7	50.7	50.5	51.4	51.7	52.0	52.6	52.5
Passenger cars.....do.....	45.0	48.7	51.1	51.1	52.1	51.8	52.6	52.8	53.3	53.8	53.7
Trucks.....do.....	39.8	43.0	44.9	45.2	45.8	46.2	47.0	47.3	47.3	48.2	48.2
Buses.....do.....	45.5	49.8	51.5	51.8	52.6	52.3	52.6	53.6	53.5	55.5	54.9
Vehicles exceeding—											
40 m. p. h.....percent.....	64	77	85	86	87	87	80	90	90	92	92
45 m. p. h.....do.....	42	58	69	69	73	72	75	77	77	80	80
50 m. p. h.....do.....	24	37	47	46	51	49	52	55	56	58	60
55 m. p. h.....do.....	11	20	27	26	31	30	33	33	36	37	38
60 m. p. h.....do.....	5	8	13	12	15	14	15	15	16	16	18

<sup>1</sup> August 15 to December 31.

Source: Department of Commerce, Bureau of Public Roads.

## No. 771. MOTOR-VEHICLE ACCIDENT DEATHS, BY AGE AND SEX: 1959

[Excludes Hawaii]

AGE	Both sexes	Male	Female	AGE	Both sexes	Male	Female
All ages.....	37,910	28,064	9,846	25 to 34 years.....	5,009	4,544	1,165
Under 5 years.....	1,842	1,024	818	35 to 44 years.....	4,059	3,552	1,107
5 to 9 years.....	1,550	1,008	642	45 to 64 years.....	4,446	3,261	1,185
10 to 14 years.....	1,160	842	327	55 to 64 years.....	3,817	2,675	1,142
15 to 19 years.....	4,370	3,360	1,010	65 years and over.....	5,727	3,870	1,851
20 to 24 years.....	4,590	3,988	702	Not stated.....	32	25	7

## No. 772. MOTOR-VEHICLE ACCIDENT DEATHS, BY PLACE OF DEATH AND PLACE OF RESIDENCE: 1950 TO 1959

STATE	BY PLACE OF DEATH						BY PLACE OF RESIDENCE					
	1950	1955	1956	1957	1958	1959	1950	1955	1956	1957	1958	1959
United States <sup>1</sup> .....	34,763	38,426	39,628	38,702	36,981	37,910	34,763	38,426	39,628	38,702	36,981	37,910
Ala.....	859	859	980	947	878	870	855	864	1,016	937	902	900
Alaska.....	22	31	28	36	33	34	(2)	(2)	(2)	(2)	(2)	32
Ariz.....	333	384	502	473	529	518	278	335	414	383	459	440
Ark.....	365	447	503	503	445	461	383	467	497	508	446	491
Calif.....	3,082	3,524	3,859	3,792	3,594	3,712	3,171	3,609	3,975	3,895	3,686	3,823
Colo.....	415	455	427	411	414	408	408	406	415	418	401	410
Conn.....	287	353	304	302	266	282	291	351	314	317	280	289
Del.....	84	112	92	101	89	90	80	104	96	92	94	79
D. C.....	102	99	86	87	83	81	134	119	104	130	100	93
Fla.....	882	1,048	1,238	1,145	1,189	1,177	842	977	1,135	1,113	1,159	1,124
Ga.....	928	1,122	1,161	1,067	1,021	1,031	906	1,094	1,120	1,031	979	987
Hawaii.....	74	64	73	96	73	89	(2)	(2)	(2)	(2)	(2)	(2)
Idaho.....	243	184	245	214	200	232	226	181	237	195	263	210
Ill.....	1,953	1,877	2,013	1,931	1,707	1,660	2,042	1,994	2,167	2,044	1,926	1,724
Ind.....	1,136	1,189	1,262	1,200	1,099	1,168	1,087	1,148	1,239	1,172	1,077	1,109
Iowa.....	620	613	700	718	630	716	634	636	681	710	650	702
Kansas.....	646	613	691	608	582	598	529	587	678	589	570	570
Ky.....	753	907	812	843	779	764	722	862	765	797	735	755
La.....	585	703	916	842	841	810	551	677	876	827	810	802
Maine.....	161	177	174	157	216	144	155	176	177	151	211	149
Md.....	480	500	544	558	517	525	442	498	531	526	485	546
Mass.....	492	621	394	421	579	593	544	675	454	463	617	620
Mich.....	1,627	2,036	1,781	1,582	1,417	1,480	1,692	2,145	1,842	1,662	1,467	1,575
Minn.....	558	613	672	727	734	688	587	632	711	750	752	737
Miss.....	825	862	898	562	574	597	519	544	665	550	548	582
Mo.....	902	1,079	1,164	1,070	1,013	1,014	942	1,084	1,112	1,060	964	1,010
Mont.....	209	244	276	221	208	255	191	239	260	226	203	248
Nebr.....	317	331	325	317	359	343	305	337	355	351	369	351
Nev.....	122	186	150	144	151	200	81	123	94	104	117	135
N. H.....	103	110	100	98	101	120	96	103	100	98	95	112
N. J.....	715	815	791	854	773	784	646	767	796	825	755	764
N. Mex.....	340	383	431	465	431	482	263	295	349	370	346	382
N. Y.....	1,061	2,163	2,160	2,208	2,114	2,269	2,098	2,310	2,313	2,344	2,260	2,334
N. C.....	1,163	1,222	1,185	1,134	1,150	1,261	1,113	1,217	1,177	1,144	1,129	1,241
N. Dak.....	105	153	172	165	169	175	111	171	170	158	175	167
Ohio.....	1,860	2,089	2,011	2,076	1,819	1,898	1,892	2,137	2,056	2,124	1,855	1,993
Okl.....	504	569	672	696	666	630	510	608	685	709	686	640
Oreg.....	461	434	444	480	460	506	465	434	435	473	436	489
Pa.....	1,656	1,872	1,984	1,857	1,746	1,794	1,744	1,948	2,034	1,927	1,798	1,846
R. I.....	87	94	76	84	74	90	89	98	80	85	82	89
S. C.....	627	696	729	698	590	673	633	679	694	662	573	648
S. Dak.....	108	200	191	190	236	227	196	200	193	188	221	223
Tenn.....	801	968	835	783	799	872	778	913	801	776	779	837
Tex.....	2,499	2,602	2,655	2,575	2,426	2,515	2,498	2,599	2,712	2,587	2,469	2,557
Utah.....	199	211	223	230	204	224	202	192	208	207	206	230
Vt.....	60	87	101	103	80	92	82	93	93	95	83	83
Va.....	929	909	840	933	854	875	897	830	775	842	774	806
Wash.....	534	514	672	653	610	576	545	559	590	560	667	620
W. Va.....	400	398	446	438	388	412	422	410	459	495	405	390
Wis.....	867	954	976	913	818	841	806	910	921	882	815	824
Wyo.....	149	145	177	167	149	173	117	114	148	117	110	133

<sup>1</sup> Beginning 1959, includes Alaska.    <sup>2</sup> Not available.Source of tables 771 and 772: Department of Health, Education, and Welfare, Public Health Service, annual report, *Vital Statistics of the United States*.



## Section 21

### Transportation, Land and Air

This section presents statistics concerning the systems of mass transport of persons and goods by land and air. The modes of transport included are railroad, trucking, bus and streetcar, pipeline, and civil aviation.

The principal sources of these data are the Interstate Commerce Commission's *Annual Report* and its annual *Transport Statistics in the United States*, Part 1, which contains data on railroads; and the Federal Aviation Agency's annual *FAA Statistical Handbook of Aviation*. Other important sources published by the Interstate Commerce Commission include the quarterly and annual *Statistics of Class I Motor Carriers* (issued as Part 7 of *Transport Statistics*); the annual *Statistics of Oil Pipe-Line Companies* (issued as Part 6 of *Transport Statistics*); the annual *Accident Bulletin*; and, for historical data on railroads, *Statistics of Railways in the United States*, published annually from 1887 through 1953. Nongovernmental sources of data include *Cars of Revenue Freight Loaded*, published weekly and annually by the Association of American Railroads; the *Transit Fact Book*, relating to street railways and motor buses, published annually by the American Transit Association; and *Air Transport Facts and Figures*, published annually by the Air Transport Association of America.

**Railroads.**—The total railroad mileage of the United States comprises companies reporting to the Interstate Commerce Commission, grouped as follows: (1) Regular interstate carriers (and their nonoperating subsidiaries); (2) switching and terminal railroads; and (3) private railroads (identified by the Commission as "circular" because they report on brief circulars, or as "unofficial" when their reports are received too late for tabulation). Except for certain mileage data, circular and unofficial companies are not included in the statistics. Switching and terminal roads, formerly included with operating railroads, are now separated, and data for them do not appear in most of the tables.

Nonoperating subsidiaries comprise proprietary companies, which are covered by the reports of operating carriers, and lessor companies, which have no traffic and whose reports appear only in statistics of capitalization, dividends, and investment.

Operating railroads are classified on the basis of operating revenues. Prior to 1956, the classification was as follows: Class I, those having more than \$1,000,000 gross annual operating revenue; class II, from \$100,000 to \$1,000,000; and class III, less than \$100,000. Since 1956, the following classification has been in effect: Class I, \$3,000,000 or more; and class II, under \$3,000,000. Class III has been eliminated.

**Motor carriers.**—Statistics of class I for-hire carriers are compiled by the Interstate Commerce Commission from annual and quarterly reports submitted to it by these carriers. Prior to 1950, class I motor carriers were those with \$100,000 or more of gross annual operating revenue. Beginning with 1950, the class I minimum became \$200,000. Beginning with 1957, the class I minimum for motor carriers of property was increased to \$1,000,000; however, the minimum for class I motor carriers of passengers remained at \$200,000.

**Civil aeronautics.**—Federal promotion and regulation of civil aviation are carried out by two bodies—the Federal Aviation Agency and the Civil Aeronautics Board. The Board issues certificates permitting persons to engage in air transportation as a business, fixes air mail rates which they may charge, and may establish maximum and minimum rates for transportation of passengers and goods. It also has the duty of investigating accidents in air transportation.

The principal activities of the Federal Aviation Agency are: 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; and promotion of air safety.

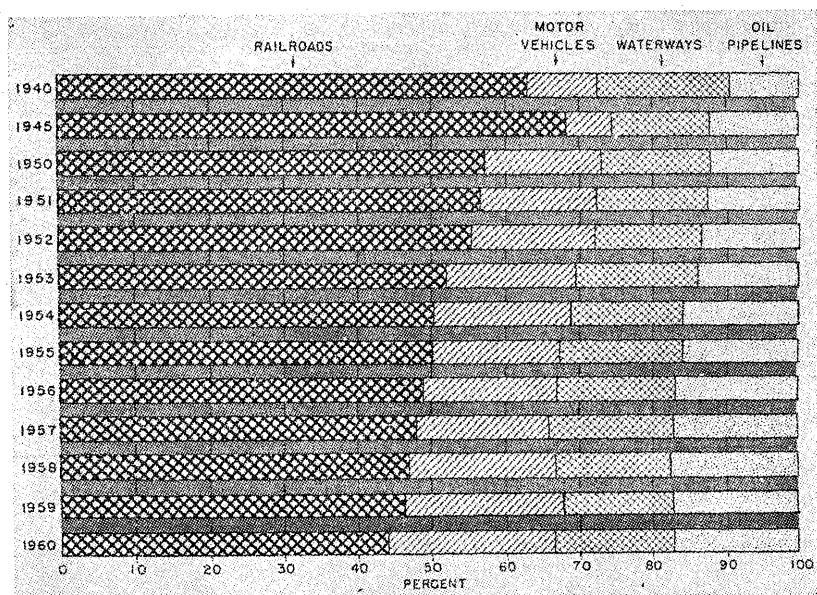
These agencies publish annual operational data on the use of airway facilities; data related to the location of airmen, aircraft, and airports; the activity volume in the field of non-aircarrier (general aviation) flying; and aircraft production and registration data by type of equipment.

**Alaska and Hawaii.**—For a general statement concerning the treatment of data for Alaska and Hawaii, see preface.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics, Colonial Times to 1957*, series Q 1-11") provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

FIG. XXXII. PERCENT DISTRIBUTION OF TON-MILES OF DOMESTIC INTERCITY FREIGHT TRAFFIC, BY TYPE OF TRANSPORTATION: 1940 TO 1960

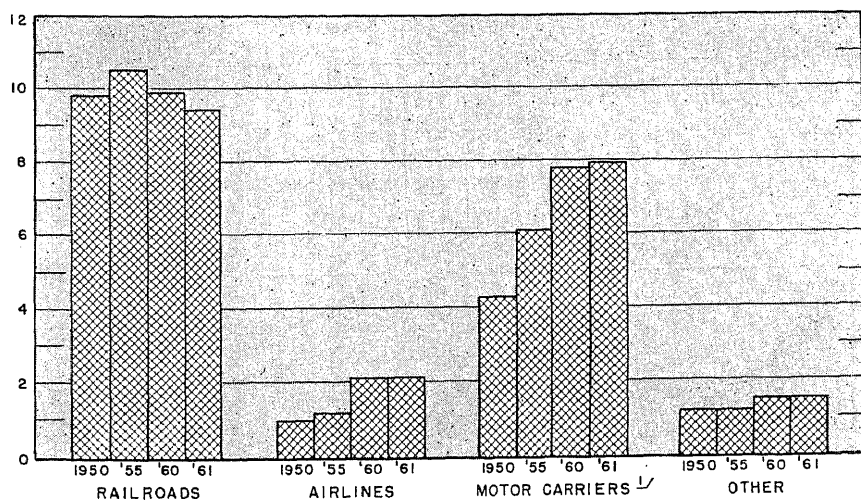
[Airways not shown separately—less than 1 percent. See table 773]



Source: Chart prepared by Department of Commerce, Bureau of the Census. Data are from Interstate Commerce Commission.

FIG. XXXIII. OPERATING REVENUES FOR SELECTED TRANSPORT GROUPS: 1950 TO 1961

[See table 775]



<sup>1</sup> Property and passenger.

Source: Chart prepared by Department of Commerce, Bureau of the Census. Data are from Interstate Commerce Commission and Federal Aviation Agency.

**No. 773. VOLUME OF DOMESTIC INTERCITY FREIGHT TRAFFIC, BY TYPE OF TRANSPORTATION: 1940 TO 1960**

[In millions of ton-miles. Excludes Alaska and Hawaii. A ton-mile is the movement of 1 ton (2,000 lbs.) of freight for the distance of 1 mile. Comprises public and private traffic, both revenue and nonrevenue. See also *Historical Statistics, Colonial Times to 1967*, series Q 1-11]

YEAR	Total traffic, volume	RAILROADS <sup>1</sup>		MOTOR VEHICLES		INLAND WATERWAYS <sup>2</sup>		OIL PIPELINES		AIRWAYS <sup>3</sup>	
		Volume	Per cent of total	Volume	Per cent of total	Volume	Per cent of total	Volume	Per cent of total	Volume	Per cent of total
1940.....	651,204	411,813	63.24	62,043	9.53	118,057	18.13	59,277	9.10	14	0.002
1945.....	1,072,490	736,184	68.64	66,948	6.24	142,737	13.31	126,530	11.80	91	0.008
1950.....	1,094,160	628,463	57.44	172,860	15.80	163,344	14.93	129,175	11.81	318	0.029
1951.....	1,209,099	686,377	56.77	188,012	15.55	182,216	15.07	152,115	12.58	379	0.031
1952.....	1,172,167	651,276	55.56	194,607	16.60	168,387	14.36	187,502	13.44	415	0.035
1953.....	1,232,477	642,578	52.14	217,163	17.62	202,439	16.43	169,884	13.78	413	0.034
1954.....	1,144,033	577,529	50.48	213,225	18.64	173,679	15.18	179,203	15.66	397	0.035
1955.....	1,298,060	654,573	50.43	223,264	17.20	216,508	16.68	203,244	15.66	481	0.037
1956.....	1,376,320	676,974	49.19	248,846	18.08	219,978	15.98	229,959	16.71	563	0.041
1957.....	1,354,012	644,746	47.62	254,174	18.77	231,792	17.12	222,728	16.45	572	0.042
1958.....	1,231,184	674,766	46.68	255,544	20.76	189,016	15.35	211,289	17.16	579	0.047
1959.....	1,312,155	599,347	45.68	288,519	21.99	196,559	14.98	226,991	17.30	739	0.056
1960.....	1,346,650	594,853	44.17	299,393	22.23	223,000	16.56	228,626	16.98	778	0.058

<sup>1</sup> Includes electric railways, express, and mail.

<sup>2</sup> Includes Great Lakes.

<sup>3</sup> Domestic revenue service only. Includes express, mail, and excess baggage.

<sup>4</sup> Part of this increase resulted from coverage of waterways previously existing but not covered.

Source: Interstate Commerce Commission; *Annual Report*; and Statement No. 6103, *Intercity Ton-Miles, 1950-1959*, April 1961.

**No. 774. VOLUME OF DOMESTIC INTERCITY PASSENGER TRAFFIC, BY TYPE OF TRANSPORTATION: 1950 TO 1960**

[In millions of passenger-miles. Excludes Alaska and Hawaii. A passenger-mile is the movement of 1 passenger for the distance of 1 mile. Comprises public and private traffic, both revenue and nonrevenue]

YEAR	Total traffic, volume	RAILROADS <sup>1</sup>		COMMERCIAL MOTOR CARRIERS		PRIVATE AUTOMOBILES		INLAND WATERWAYS <sup>2</sup>		AIRWAYS <sup>3</sup>	
		Volume	Per cent of total	Volume	Per cent of total	Volume	Per cent of total	Volume	Per cent of total	Volume	Per cent of total
1950.....	473,022	32,481	6.87	26,436	5.59	402,843	85.16	1,190	0.25	10,072	2.13
1952.....	576,345	34,710	6.03	28,704	4.99	495,547	86.13	1,396	0.24	14,988	2.61
1953.....	608,769	32,201	5.30	28,397	4.66	529,194	86.93	1,487	0.24	17,430	2.86
1954.....	625,113	29,407	4.71	26,614	4.10	548,763	87.79	1,701	0.27	19,568	3.13
1955.....	664,510	28,695	4.32	25,519	3.84	585,817	88.16	1,738	0.26	22,741	3.42
1956.....	668,895	28,610	4.09	25,189	3.60	617,713	88.38	1,860	0.27	25,523	3.65
1957.....	722,601	26,251	3.63	21,455	2.97	644,837	89.24	1,930	0.27	28,128	3.89
1958.....	704,452	29,605	3.35	20,756	2.95	629,496	89.36	2,073	0.29	28,522	4.05
1959.....	736,764	22,373	3.04	20,364	2.76	659,435	89.56	2,026	0.27	32,566	4.42
1960.....	755,085	21,574	2.86	19,896	2.63	677,589	89.74	2,068	0.27	33,958	4.50

<sup>1</sup> Includes electric railways.

<sup>2</sup> Includes Great Lakes.

<sup>3</sup> Includes domestic commercial revenue service and private pleasure and business flying.

Source: Interstate Commerce Commission; *Annual Report*.

## No. 775. OPERATING REVENUES, BY TRANSPORT AGENCY: 1940 TO 1961

[Excludes Alaska and Hawaii, except as noted]

TRANSPORT AGENCY	1940	1945	1950	1955	1959	1960	1961 <sup>1</sup>
REVENUES (\$1,000,000)							
Pullman Company.....	60	148	104	95	58	56	53
Electric railways <sup>2</sup> .....	53	87	79	60	25	23	22
Railway Express <sup>3</sup> .....	120	284	223	241	247	248	251
Railroads <sup>4</sup> .....	4,450	9,136	9,820	10,495	10,207	9,809	9,408
Waterlines <sup>5</sup> .....	113	173	330	452	430	427	384
Pipelines (oil).....	226	304	442	678	765	770	773
Domestic scheduled air carriers <sup>6</sup> .....	77	215	558	1,215	1,955	2,129	2,234
Motor carriers of property.....	898	1,840	3,737	5,535	7,145	7,214	7,252
Motor carriers of passengers <sup>7</sup> .....	176	652	530	552	631	667	678
INDEX (1939=100)							
Railroads <sup>4</sup> .....	107.7	220.6	237.2	253.5	246.5	239.1	( <sup>8</sup> )
Pipelines (oil).....	106.3	143.2	207.8	318.9	360.1	362.5	( <sup>8</sup> )
Domestic scheduled air carriers <sup>6</sup> .....	137.6	384.1	907.0	2,151.8	3,491.1	3,801.8	( <sup>8</sup> )
Motor carriers of property.....	109.4	177.5	471.7	698.7	901.0	910.6	( <sup>8</sup> )
Motor carriers of passengers.....	103.6	327.3	318.6	331.2	373.0	394.4	( <sup>8</sup> )

<sup>1</sup> 12 months ending June 30.<sup>2</sup> Since December 31, 1958, the Chicago Tunnel and Chicago Tunnel Terminal Companies and 1 other electric railway have ceased business; 4 others have been reclassified as class II line-haul railways. The result is an overstatement of the electric railway decrease and slight understatement of the railroad decrease.<sup>3</sup> After deducting payments to others for express privileges.<sup>4</sup> Includes line-haul and switching and terminal companies. Includes Alaskan and Hawaiian companies in 1960 only.<sup>5</sup> Includes only revenues from domestic traffic of carriers subject to the jurisdiction of the Interstate Commerce Commission.<sup>6</sup> Source: Federal Aviation Agency; *FAA Statistical Handbook of Aviation*. Includes Hawaii, and beginning 1955, Alaska.<sup>7</sup> Excludes motor-carrier revenues of electric railways, included under electric railways.<sup>8</sup> Not available.Source: Interstate Commerce Commission; *Annual Report; Statistics of Class I, II, and III Motor Carriers, 1939-1956* (Statement No. 589); and *Transport Economics*, except as noted.

## No. 776. INDEXES OF INTERCITY FREIGHT TRAFFIC, 1940 TO 1959, AND OF AVERAGE FREIGHT RATES ON RAILROAD CARLOAD TRAFFIC, 1948 TO 1959

[Excludes Alaska and Hawaii]

YEAR	INDEXES OF INTERCITY TON-MILES (1939=100)			Index of average freight rates <sup>3</sup> (1950=100)
	Total, all carriers	All motor carriers <sup>1</sup>	Class I, II, and III motor carriers <sup>2</sup>	
1940.....	113.8	117.5	105.3	-----
1945.....	189.0	126.7	138.9	-----
1946.....	166.3	155.2	155.0	-----
1947.....	187.4	193.3	191.9	-----
1948.....	192.3	219.7	237.7	93
1949.....	168.5	239.7	243.8	99
1950.....	195.5	327.3	334.2	100
1951.....	216.7	355.9	368.0	102
1952.....	210.5	368.4	360.6	109
1953.....	221.5	411.1	389.4	111
1954.....	206.6	403.7	368.0	109
1955.....	234.6	422.7	422.0	108
1956.....	249.3	471.1	422.6	112
1957.....	245.7	481.2	429.6	115
1958.....	223.6	483.8	429.3	121
1959.....	238.3	546.2	516.0	115

<sup>1</sup> Private and for hire.<sup>2</sup> Excludes local carriers, which probably account for less than 3 percent of total intercity ton-miles of class I, II, and III motor carriers.<sup>3</sup> On railroad carload traffic.Source: Interstate Commerce Commission; *Statistics of Class I, II, and III Motor Carriers, 1939-1956* (Statement No. 589), *Indexes of Average Freight Rates on Railroad Carload Traffic, 1948-1956*, and *1951-1958* (Statement R I-1), and *Intercity Ton-Miles, 1939-1959* (Statement No. 6103, April 1961).

## No. 777. RAILROADS—SUMMARY STATISTICS: 1930 to 1960

[As of December 31. Beginning 1960, includes Alaska and Hawaii. Includes intercorporate duplications. See also *Historical Statistics, Colonial Times to 1967*, series Q 44-124]

ITEM	1930	1940	1950	1956	1957	1958	1959	1960
Operating companies <sup>1</sup> .....number..	775	574	471	422	415	412	411	407
Road owned, first track <sup>2</sup> .....miles..	240,052	233,670	223,779	220,221	219,007	218,399	217,565	217,652
Miles operated: <sup>3</sup>								
Total, reporting railroads <sup>4</sup> .....miles..	429,883	405,975	396,380	389,668	386,978	385,204	383,912	381,745
Road, first track <sup>4</sup> .....do.....	260,440	245,740	236,857	233,609	232,177	231,494	230,930	230,169
Other main tracks.....do.....	42,742	41,373	40,466	37,908	37,123	36,448	35,746	34,800
Yardtrack and sidings.....do.....	126,701	118,862	119,067	118,251	117,678	117,322	117,236	116,776
Miles of road operated by receivers or trustees.....	9,486	75,270	12,223	1,594	1,022	1,040	1,097	1,259
Equipment:								
Locomotives in service.....number..	60,189	44,333	42,951	32,593	32,391	31,616	31,530	31,178
Average tractive effort <sup>5</sup> .....pounds..	45,225	50,905	57,075	68,745	61,515	61,312	61,408	61,314
Cars in service:								
Passenger-train.....number.....	53,584	38,308	37,359	30,817	29,564	28,999	27,419	25,746
Freight-train <sup>7</sup> .....thousands..	2,322	1,684	1,746	1,739	1,778	1,756	1,708	1,690
Average capacity <sup>8</sup> .....tons.....	46.9	50.0	52.0	54.0	54.5	54.8	55.0	55.4
Capital and property investment: <sup>8</sup>								
Road and equipment, book value <sup>9</sup>								
mil. dol.....	26,051	25,646	30,174	33,714	34,615	34,934	35,158	35,513
Depreciation reserve <sup>10</sup> .....do.....	2,361	3,095	6,029	7,543	7,801	8,043	8,296	8,532
Capital outstanding <sup>11</sup> .....do.....	24,331	23,371	20,399	16,324	18,695	18,241	18,019	17,554
Net capitalization.....do.....	19,066	17,630	15,618	15,285	14,682	14,529	14,287	14,150
Stock paying dividends.....do.....	7,702	3,741	6,769	6,785	6,465	5,290	5,751	5,617
Dividends declared.....do.....	603	217	349	476	466	445	432	412
Interest accrued on funded debt.....mil. dol.....	589	547	367	373	382	393	390	387
Income and expenses:								
Operating revenues.....do.....	5,356	4,355	9,587	10,686	10,625	9,686	9,955	9,642
Operating expenses.....do.....	3,994	3,132	7,135	8,200	8,322	7,631	7,797	7,657
Tax accruals.....do.....	354	403	1,212	1,144	1,091	877	1,070	1,020
Operating income.....do.....	1,008	820	1,240	1,342	1,213	1,078	1,088	964
Net income <sup>12</sup> .....do.....	578	243	855	908	765	630	608	473
Passenger service:								
Passenger revenue.....do.....	731	418	815	758	736	676	652	641
Passengers carried.....millions..	708	456	488	430	413	382	354	327
Passenger-miles <sup>13</sup> .....do.....	26,876	23,816	31,790	28,216	25,914	23,295	22,075	21,284
Commutation.....do.....	6,669	3,997	4,990	4,841	4,901	4,776	4,549	4,197
Coach.....do.....		12,485	17,443	17,074	15,803	14,225	13,749	13,422
Parlor and sleeping car.....do.....		7,288	9,338	6,275	5,185	4,249	3,773	3,945
Revenue per passenger-mile.....cents..	2.72	1.76	2.56	2.69	2.84	2.90	2.96	3.01
Average journey per passenger.....miles..	37.96	52.22	65.14	65.62	62.80	61.04	62.42	65.05
Freight service:								
Freight revenue.....mil. dol.....	4,145	3,584	7,934	9,089	9,064	8,193	8,442	8,152
Revenue tons originated.....millions..	1,220	1,069	1,421	1,521	1,449	1,247	1,293	1,301
Tons carried one mile.....do.....	385,815	375,369	591,550	651,183	621,007	554,534	578,637	676,860
Revenue ton-miles per mile of road, thousands.....	1,481	1,526	2,497	2,789	2,677	2,304	2,506	2,497
Revenue per ton-mile.....cents.....	1.074	0.955	1.341	1.396	1.457	1.477	1.450	1.417
Haul per ton.....miles.....	316.21	351.13	416.32	428.08	429.20	444.55	447.66	442.14
Number of employees, average.....thousands..	1,517	1,046	1,237	1,053	999	853	823	793
Compensation of employees.....mil. dol.....	2,589	1,991	4,645	5,383	5,422	4,901	5,049	4,957
Accidents:								
Persons killed.....number.....	5,665	4,740	3,486	2,578	2,393	2,311	2,094	2,248
Persons injured.....do.....	49,443	29,606	33,267	28,676	18,688	19,343	19,909	19,577

<sup>1</sup> Line-haul operating.

<sup>2</sup> Excludes all duplications; also excludes some mileage in Canada.

<sup>3</sup> Includes some duplication under trackage rights and some mileage in Canada.

<sup>4</sup> Excludes circular and unofficial.

<sup>5</sup> 1930-1956 average for steam locomotives only; beginning 1957, all locomotives.

<sup>6</sup> Covers class I railroads, excluding switch and terminal companies. <sup>7</sup> Excludes caboose cars. <sup>8</sup> Includes lessors.

<sup>9</sup> Increase 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. Includes lessor companies and proprietary companies except those which are part of systems filing consolidated annual reports.

<sup>10</sup> For 1950 and later years, includes amortization of defense projects and proprietary companies.

<sup>11</sup> Comprises actually outstanding, nominally issued, and nominally outstanding securities, and equipment obligations. <sup>12</sup> Class I railroads.

Source: Interstate Commerce Commission; annual report, *Transport Statistics in the United States*, Part 1, and *Accident Bulletin*.

## No. 778. RAILROAD COMPANIES, BY CLASS: 1960

(Includes Alaska and Hawaii. See text, p. 567, for explanation of class limits)

CLASS OF COMPANY	Com- panies	MILES OF ROAD <sup>1</sup>		EQUIPMENT IN SERVICE			Revenue freight origin- ated <sup>6</sup> (mil. tons)	Net rail- way op- erating income (\$1,000)
		Owned <sup>2</sup>	Oper- ated <sup>3</sup>	Locomo- tives	Freight- train cars <sup>4</sup>	Passen- ger- train cars		
Total.....	842	217,552	230,815	31,178	1,709,549	25,746	1,301	624,875
Class I line-haul operating.....	106	188,097	220,228	29,080	1,676,629	25,655	1,241	584,016
Lessors to class I.....	128	16,381						
Class II line-haul operating.....	304	9,136	9,941	725	18,093	84	61	10,602
Lessors to class II.....	8	137						
Switching and terminal.....	<sup>5</sup> 221	(?)	(?)	1,373	14,827	7		30,257
Proprietary <sup>5</sup> .....	53	2,046						
Circular.....	21	839	646					
Unofficial.....	1	16						

<sup>1</sup> Single or first main track. <sup>2</sup> Excludes 162 miles in Canada.<sup>3</sup> Includes 1,226 miles in Canada. <sup>4</sup> Includes caboose cars.<sup>5</sup> Excludes switching and terminal companies.<sup>6</sup> Includes operating, lessor, proprietary, circular, and unofficial companies. <sup>7</sup> Not comparable.<sup>8</sup> Excludes those in systems which file consolidated reports combining mileage, investment, and other items on a net system basis.Source: Interstate Commerce Commission; annual report, *Transport Statistics in the United States*, Part 1.

## No. 779. RAILROADS—EQUIPMENT IN SERVICE: 1950 to 1960

[Beginning 1960, includes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series Q 53-65]

ITEM	1950	1955	1956	1957	1958	1959	1960
Locomotives.....	42,051	33,533	32,593	32,301	31,616	31,539	31,178
Steam.....	26,680	6,266	3,918	2,608	1,488	871	374
Electric.....	827	630	616	597	592	517	498
Diesel.....	15,396	26,563	28,001	29,137	29,515	30,097	30,240
Other.....	48	65	58	49	51	54	66
New units installed <sup>1</sup> .....	3,215	1,097	1,210	1,015	346	85	389
Freight cars <sup>2</sup> .....	1,745,778	1,723,747	1,738,631	1,777,557	1,755,775	1,708,116	1,690,396
Box.....	718,150	723,962	733,630	745,269	731,437	714,789	700,331
Gondola and hopper.....	874,801	845,800	850,579	875,519	871,081	840,802	831,473
Other.....	152,827	153,976	154,422	156,769	153,257	152,525	158,592
Aggregate capacity <sup>1</sup> ..... 1,000 tons.	90,465	91,229	92,161	95,084	94,486	92,264	91,948
Average capacity <sup>1</sup> ..... tons.	52.6	53.7	54.0	54.5	54.8	55.0	55.4
New units installed <sup>1</sup> .....	40,032	29,070	55,682	82,427	34,120	42,507	54,032
Passenger-train cars.....	37,359	32,118	30,817	29,504	28,999	27,419	25,746
Coaches.....	16,488	13,543	12,867	12,328	11,934	11,121	10,287
Average seating capacity <sup>1</sup> .....	75	75	75	75	76	76	76
Baggage, express, and other non-passenger.....	13,817	13,388	11,140	10,873	10,672	10,244	10,077
Other.....	7,054	5,187	6,804	6,363	6,393	6,054	5,382
New units installed <sup>1</sup> .....	1,078	412	391	232	143	66	251
Air-conditioned cars <sup>3</sup> .....	16,747	14,784	14,551	14,323	13,075	12,993	11,787

<sup>1</sup> Class I railroads. <sup>2</sup> Excludes caboose cars. <sup>3</sup> Class I railroads and Pullman Company.Source: Interstate Commerce Commission; annual report, *Transport Statistics in the United States*, Part 1.

## No. 780. RAILROADS (CLASS I)—FUEL AND POWER CONSUMED AND RAILS AND TIES LAID: 1950 to 1960

[No class I railroads in Alaska and Hawaii. Line-haul railroads only. See text, p. 567, for explanation of change in class limit beginning 1956. See also *Historical Statistics, Colonial Times to 1957*, series Q 128-137, for related data]

ITEM	1950	1955	1957	1958	1959	1960
Fuel and power consumed:						
Coal..... 1,000 short tons.....	55,452	11,427	4,866	1,150	300	39
Fuel oil..... 1,000,000 gal.....	2,284	376	89	67	82	89
Diesel oil..... do.....	1,827	3,393	3,536	3,332	3,484	3,472
Electricity..... 1,000,000 kwh.....	2,260	2,082	2,025	1,806	1,748	1,641
Rails and ties laid:						
Rails (replacement and betterment)..... 1,000 short tons.....	2,454	1,890	1,592	921	1,012	915
Ties (in previously constructed tracks):						
Crossties..... 1,000.....	30,494	24,149	22,082	16,030	16,423	14,319
Switch and bridge ties..... 1,000 board ft.....	98,400	79,098	71,582	54,985	54,378	49,902

Source: Interstate Commerce Commission; *Annual Report*.

## No. 781. RAILROADS—MILES OF ROAD OWNED, BY STATES: 1940, 1950, AND 1960

[As of December 31. Data are for actual length of line of each State without duplication]

STATE	1940	1950	1960	STATE	1940	1950	1960
<b>United States</b> .....	<b>234,398</b>	<b>224,371</b>	<b>217,552</b>	<b>W. N. Central—Con.</b>			
<b>New England</b> .....	<b>6,677</b>	<b>6,396</b>	<b>6,088</b>	Missouri.....	7,042	6,735	6,582
Maine.....	1,882	1,830	1,784	North Dakota.....	5,266	5,256	5,194
New Hampshire.....	1,002	936	864	South Dakota.....	4,006	3,958	3,920
Vermont.....	919	889	811	Nebraska.....	6,044	5,800	5,721
Massachusetts.....	1,793	1,726	1,633	Kansas.....	8,564	8,441	8,215
Rhode Island.....	194	185	181	<b>East South Central</b> .....	<b>16,179</b>	<b>15,574</b>	<b>15,233</b>
Connecticut.....	887	830	825	Kentucky.....	3,691	3,641	3,523
<b>Middle Atlantic</b> .....	<b>20,175</b>	<b>19,180</b>	<b>17,469</b>	Tennessee.....	3,573	3,471	3,402
New York.....	7,739	7,493	6,463	Alabama.....	4,996	4,723	4,646
New Jersey.....	2,108	1,992	1,914	Mississippi.....	3,919	3,790	3,650
Pennsylvania.....	10,328	9,695	9,092	<b>West South Central</b> .....	<b>31,497</b>	<b>29,771</b>	<b>28,341</b>
<b>South Atlantic</b> .....	<b>29,475</b>	<b>27,924</b>	<b>27,362</b>	Louisiana.....	4,357	4,079	3,937
Delaware.....	295	295	293	Texas.....	16,356	15,611	14,765
Dist. of Columbia.....	35	34	31	Oklahoma.....	6,302	5,977	5,777
Maryland.....	1,367	1,309	1,141	Arkansas.....	4,482	4,104	3,872
Virginia.....	4,261	4,073	4,113	<b>Mountain</b> .....	<b>29,518</b>	<b>22,101</b>	<b>21,355</b>
West Virginia.....	3,831	3,719	3,681	Montana.....	5,149	5,059	4,962
North Carolina.....	4,668	4,435	4,310	Wyoming.....	2,008	1,925	1,882
South Carolina.....	3,466	3,223	3,284	Colorado.....	4,552	4,273	3,785
Georgia.....	6,334	6,043	5,854	New Mexico.....	2,812	2,496	2,473
Florida.....	5,218	4,793	4,655	Arizona.....	2,228	2,197	2,184
<b>East North Central</b> .....	<b>41,281</b>	<b>39,851</b>	<b>38,949</b>	Utah.....	2,082	1,788	1,736
Ohio.....	8,501	8,418	8,322	Nevada.....	1,941	1,650	1,647
Indiana.....	6,889	6,652	6,593	Idaho.....	2,746	2,713	2,685
Illinois.....	11,949	11,643	11,201	<b>Pacific</b> .....	<b>17,303</b>	<b>16,466</b>	<b>16,388</b>
Michigan.....	7,303	6,803	6,640	Washington.....	5,243	5,124	4,987
Wisconsin.....	6,639	6,335	6,193	Oregon.....	3,385	3,217	3,174
<b>West North Central</b> .....	<b>48,293</b>	<b>47,108</b>	<b>46,367</b>	California.....	7,947	7,533	7,630
Minnesota.....	8,421	8,333	8,174	Alaska.....	536	507	572
Iowa.....	8,950	8,585	8,561	Hawaii.....	192	25	25

Source: Interstate Commerce Commission; annual reports, *Statistics of Railways in the United States*, and, for 1960, *Transport Statistics in the United States*, Part 1.

## No. 782. RAILROADS (CLASS I)—OPERATING REVENUES, EXPENSES, INCOME, AND CAPITAL EXPENDITURES: 1950 TO 1961

[In millions of dollars. No class I railroads in Alaska and Hawaii. See text, p. 567, for explanation of change in class limits beginning 1950. See also *Historical Statistics, Colonial Times to 1867*, series Q 103-117]

ITEM	1950	1955	1956	1957	1958	1959	1960	1961 (prel.)
<b>Operating revenues</b> .....	<b>9,473</b>	<b>10,107</b>	<b>10,545</b>	<b>10,506</b>	<b>9,565</b>	<b>9,825</b>	<b>9,517</b>	<b>9,189</b>
Freight.....	7,817	8,539	8,946	8,942	8,071	8,312	8,028	7,730
Passenger.....	813	743	757	735	675	651	640	625
Mail.....	374	287	287	282	328	339	331	342
Express.....	81	118	119	98	61	116	100	83
Other.....	387	420	437	440	399	416	417	401
<b>Operating expenses</b> .....	<b>7,059</b>	<b>7,641</b>	<b>8,102</b>	<b>8,238</b>	<b>7,544</b>	<b>7,705</b>	<b>7,566</b>	<b>7,274</b>
Maintenance.....	2,995	3,172	3,295	3,340	2,944	3,034	2,962	2,801
Way and structures.....	1,287	1,387	1,404	1,433	1,223	1,236	1,192	1,118
Equipment.....	1,708	1,785	1,892	1,913	1,720	1,798	1,760	1,683
Traffic.....	192	236	254	250	252	259	258	247
Transportation, rail line.....	3,491	3,768	4,040	4,102	3,834	3,888	3,833	3,711
Miscellaneous operations.....	110	108	111	104	92	86	82	77
General.....	271	357	401	427	422	438	441	438
<b>Net revenue from railway operations</b> .....	<b>2,414</b>	<b>2,466</b>	<b>2,443</b>	<b>2,269</b>	<b>2,021</b>	<b>2,120</b>	<b>1,951</b>	<b>1,915</b>
Tax accruals.....	1,195	1,081	1,121	1,070	967	1,048	999	991
<b>Operating income</b> .....	<b>1,219</b>	<b>1,385</b>	<b>1,322</b>	<b>1,199</b>	<b>1,054</b>	<b>1,073</b>	<b>952</b>	<b>924</b>
<b>Net railway operating income</b> .....	<b>1,040</b>	<b>1,120</b>	<b>1,070</b>	<b>923</b>	<b>762</b>	<b>748</b>	<b>585</b>	<b>538</b>
Ratio of expenses to revenues (percent).....	74.5	75.6	76.8	78.4	78.9	78.4	79.5	79.2
<b>Expenditures for capital improvements</b> .....	<b>1,065</b>	<b>908</b>	<b>1,227</b>	<b>1,395</b>	<b>738</b>	<b>818</b>	<b>919</b>	<b>646</b>
Equipment.....	779	568	821	1,008	480	568	633	427
Roadway and structures.....	286	340	406	387	258	250	286	219

Source: Interstate Commerce Commission; *Annual Report*.



**No. 783. RAILROADS (CLASS I)—SELECTED FREIGHT STATISTICS: 1950 TO 1961**

[No class I railroads in Alaska and Hawaii. Excludes switching and terminal roads. Tons of 2,000 pounds. See text, p. 567, for explanation of change in class limits beginning 1956]

ITEM	1950	1955	1958	1959	1960	1961 (prel.)
Average miles of road operated.....	225,339	222,205	220,837	220,001	219,665	219,151
Operating revenue.....mil. dol.	7,817	8,538	8,071	8,312	8,029	7,739
Per ton-mile.....cents.	1.33	1.37	1.46	1.45	1.40	1.37
Per ton per road.....dollars	3.04	3.25	3.66	3.63	3.51	3.52
Revenue tons:						
Originated.....millions	1,354	1,393	1,190	1,232	1,241	1,194
Carried.....do.	2,570	2,625	2,204	2,290	2,287	2,190
Carried 1 mile.....do.	588,578	623,615	551,539	575,418	572,321	563,304
Miles per revenue-ton per road (average haul).....	220.0	237.6	250.2	251.3	250.2	255.2
Freight train miles.....millions	515	476	400	414	405	386
Freight train car-miles:						
Loaded, revenue and nonrevenue.....do.	19,644	20,099	17,176	17,803	17,287	16,661
Empty.....do.	10,140	11,054	10,883	10,786	10,872	10,545
Net ton-miles per train-mile.....	1,224	1,374	1,430	1,443	1,466	1,508
Net ton-miles per loaded car-mile.....	31.7	32.1	33.0	33.3	34.0	34.7
Train-miles per train-hour.....	16.8	18.6	19.2	19.5	19.5	19.9

<sup>1</sup> Revenue and nonrevenue freight.

**No. 784. RAILROADS (CLASS I)—REVENUE FREIGHT ORIGINATED AND GROSS FREIGHT REVENUE, BY COMMODITY GROUPS: 1950 TO 1961**

[No class I railroads in Alaska and Hawaii. Carload freight only, except as specified. See text, p. 567, for explanation of change in class limits beginning 1956. See also *Historical Statistics, Colonial Times to 1957*, series Q 73-80]

ITEM	1950	1955	1958	1959	1960	1961 (prel.)
<b>REVENUE FREIGHT ORIGINATED (1,000 short tons)</b>						
Total.....	1,354,196	1,396,339	1,190,353	1,232,201	1,240,789	1,193,502
Products of agriculture.....	129,175	133,790	146,740	145,531	150,350	153,927
Animals and their products.....	14,321	13,161	9,895	9,904	9,463	9,341
Products of mines.....	746,808	761,993	628,911	632,870	649,228	615,372
Coal and coke.....	420,296	394,394	343,897	343,740	337,792	325,036
Other.....	326,512	367,599	285,013	289,130	311,436	289,436
Products of forests.....	78,860	82,585	73,287	80,397	79,211	74,900
Manufactures and miscellaneous.....	374,145	397,819	327,112	359,485	349,323	337,762
All less-than-carload freight.....	10,887	6,903	4,402	3,923	3,213	2,585
<b>GROSS FREIGHT REVENUE (\$1,000)</b>						
Total.....	8,145,630	8,938,388	8,469,586	8,703,988	8,401,686	8,113,192
Products of agriculture.....	1,054,574	1,133,402	1,286,329	1,226,417	1,192,422	1,172,139
Animals and their products.....	275,858	294,402	246,555	243,211	229,200	217,367
Products of mines.....	1,993,687	2,121,426	1,985,404	1,977,773	1,969,462	1,862,803
Coal and coke.....	1,301,101	1,280,761	1,201,645	1,171,570	1,139,789	1,103,929
Other.....	692,586	840,665	783,759	806,203	829,673	758,874
Products of forests.....	580,836	686,821	646,069	707,958	650,722	627,462
Manufactures and miscellaneous.....	3,887,702	4,421,336	4,092,838	4,364,702	4,205,988	4,108,307
All less-than-carload freight.....	352,913	280,912	212,391	183,927	152,891	125,113

<sup>1</sup> Includes forwarder traffic.

Source of tables 783 and 784: Interstate Commerce Commission; annual report, *Transport Statistics in the United States*, Part I.

**No. 785. RAILROADS (CLASS I)—NUMBER OF CARS OF REVENUE FREIGHT LOADED, BY PRINCIPAL COMMODITIES: 1940 TO 1961**

[In thousands. Figures are 52-week totals. No class I railroads in Alaska and Hawaii. See text, p. 567, for explanation of change in class limits beginning 1956]

YEAR	Total	Grain and grain products	Live-stock	Coal	Coke	Forest products	Ore	Miscellaneous	Mdse., less than carload	Cars loaded with highway trailers
1940.....	36,358	1,835	685	6,820	549	1,800	2,148	14,842	7,679	-----
1945.....	41,918	2,734	894	8,296	695	2,039	2,474	19,263	5,529	-----
1950.....	38,903	2,466	491	7,240	727	2,226	2,829	18,055	4,260	-----
1955.....	37,636	2,633	441	6,508	616	2,275	2,846	19,087	3,230	168
1956.....	37,845	2,705	442	7,007	616	2,317	2,749	18,953	3,056	208
1957.....	35,500	2,674	343	6,749	575	1,995	2,863	17,551	2,750	249
1958.....	30,222	2,874	307	5,522	343	1,853	1,752	15,242	2,320	278
1959.....	31,015	2,725	300	5,426	411	2,050	1,665	16,326	2,112	417
1960.....	30,441	2,786	259	5,318	403	1,950	2,209	15,707	1,809	554
1961.....	28,584	2,845	223	5,085	345	1,808	1,730	15,026	1,453	591

Source: Association of American Railroads, Car Service Division, Washington, D.C.; annual report, *Cars of Revenue Freight Loaded*. Weekly reports are published currently.

## No. 786. RAILROADS (CLASS I)—SELECTED PASSENGER STATISTICS: 1950 TO 1961

[No class I railroads in Alaska and Hawaii. See text, p. 567, for explanation of change in class limits beginning 1956. See also *Historical Statistics, Colonial Times to 1957*, series Q 87-89]

ITEM	1950	1955	1959	1960	1961 (prel.)
Average miles of road operated.....	150,349	119,545	100,243	93,816	89,322
Passenger revenue.....\$1,000	813,417	742,945	650,943	640,057	624,446
Revenue per passenger-mile:					
Including commutation passengers.....cents	2.56	2.60	2.95	3.01	3.08
Excluding commutation passengers.....do	2.46	2.70	3.00	3.03	3.03
Revenue passengers carried.....1,000	486,194	431,999	352,310	325,677	310,899
Revenue passenger-miles.....millions	31,760	28,523	22,051	21,261	20,287
Revenue passenger-miles per train-mile.....	88.5	95.2	97.6	100.9	101.7
Revenue passenger-miles per car-mile.....	17.0	17.8	18.0	19.3	19.7
Average journey per passenger per road.....miles	65.3	66.1	62.6	65.3	64.0
Passenger-train miles.....1,000	357,618	298,602	225,889	210,635	199,378
Passenger-carrying car-miles.....	1,854,737	1,570,916	1,166,916	1,101,021	1,028,053
Train-miles per train-hour.....	37.4	39.8	40.3	40.7	40.9

Source: Interstate Commerce Commission; *Annual Report*, and *Transport Statistics in the United States*, Part 1.

## No. 787. RAILROADS—NUMBER AND COMPENSATION OF EMPLOYEES: 1930 TO 1961

[Beginning 1960, Alaska and Hawaii included in "All operating carriers." Excludes switching and terminal roads. See also *Historical Statistics, Colonial Times to 1957*, series Q 141-142]

YEAR	ALL OPERATING CARRIERS		CLASS I CARRIERS <sup>1</sup>					
	Average number of employees	Total yearly compensation (\$1,000)	Average number of employees	Total hours (1,000)	Total yearly compensation (\$1,000)	Average hours per employee	Average compensation	
							Per hour <sup>2</sup>	Per year
1930.....	1,517,043	2,588,598	1,487,839	3,759,772	2,550,780	2,527	\$0.678	\$1,714
1935.....	1,013,654	1,686,229	994,371	2,397,353	1,643,879	2,411	.686	1,653
1940.....	1,045,738	1,990,631	1,026,848	2,615,905	1,964,125	2,548	.751	1,913
1945.....	1,438,545	3,900,928	1,419,505	3,979,637	3,862,001	2,804	.970	2,721
1950.....	1,236,879	4,644,890	1,220,401	2,876,591	4,594,423	2,357	1.597	3,765
1955.....	1,071,387	5,045,278	1,057,866	2,502,608	4,992,235	2,366	1.995	4,710
1956.....	1,058,053	5,387,631	1,042,664	2,466,745	5,324,672	2,366	2.159	5,107
1957.....	908,880	5,422,080	986,001	2,314,976	5,358,044	2,348	2.315	5,434
1958.....	853,106	4,990,638	840,575	1,980,553	4,929,906	2,356	2.489	5,865
1959.....	827,716	5,048,524	815,474	1,924,500	4,986,253	2,360	2.501	6,115
1960.....	793,071	4,956,902	780,494	1,840,590	4,893,558	2,358	2.659	6,270
1961 (prel.).....	( <sup>3</sup> )	( <sup>3</sup> )	717,543	1,698,704	4,623,982	2,367	2.722	6,444

<sup>1</sup> See text, p. 567, for explanation of change in class limits beginning 1956.<sup>2</sup> Calculated for all classes of employees, including those not paid on an hourly basis.<sup>3</sup> Not available.Source: Interstate Commerce Commission; annual reports, *Statistics of Railways in the United States* and, beginning 1955, *Transport Statistics in the United States*, Part 1.

## No. 788. PULLMAN COMPANY OPERATIONS: 1930 TO 1961

[Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series Q 138-140]

YEAR	Average miles of road over which operations conducted	Revenue-passenger miles <sup>1</sup> (millions)	Employees, annual average	YEAR	Average miles of road over which operations conducted	Revenue-passenger miles <sup>1</sup> (millions)	Employees, annual average
1930.....	129,578	12,516	26,165	1956.....	87,472	6,630	10,793
1935.....	112,117	7,146	20,436	1957.....	85,068	5,385	14,890
1940.....	100,595	8,214	20,877	1958.....	79,555	4,300	10,234
1945.....	95,765	27,276	41,601	1959.....	71,448	3,462	8,020
1950.....	102,722	10,558	22,820	1960.....	67,467	3,358	7,320
1955.....	89,124	6,882	18,061	1961.....	63,035	3,046	6,688

<sup>1</sup> Beginning 1940, includes operations on Canadian and Mexican railroads; excludes chartered car operations.Source: Interstate Commerce Commission; annual reports, *Statistics of Railways in the United States* and, beginning 1955, *Transport Statistics in the United States*, Part 2.

# No. 789. RAILROAD ACCIDENTS—NUMBER OF PERSONS KILLED AND INJURED, BY STATUS: 1921 TO 1961

[As of December 31. Beginning 1960, includes Alaska and Hawaii. Covers all reportable accidents, including those due to suicide, mental derangement, and attempt to escape custody. For various reasons, including fact that returns were required under different acts, statistics are not strictly comparable. Accidents causing damage to railroad property in following amounts, with or without a casualty, were classified as train accidents for years specified: 1921-1947, over \$150; 1948, over \$250; 1949-1950, \$275 or over; 1951, \$300 or over; 1952, \$325 or over; and beginning 1953, \$350 or over. Accidents causing damage less than amounts specified and with a reportable casualty were classified as train-service accidents. See also *Historical Statistics, Colonial Times to 1957*, series Q 143-152]

YEARLY AVERAGE OR YEAR	TOTAL		PASSENGERS <sup>1</sup>		EMPLOYEES		TRESPASSERS		OTHER PERSONS	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
1921-1925.....	6,618	141,688	173	5,578	1,654	123,790	2,566	2,901	2,225	9,420
1926-1930.....	6,623	89,543	101	3,667	1,395	73,622	2,521	2,532	2,606	9,822
1931-1935.....	5,127	29,834	38	1,995	589	18,222	2,688	3,087	1,811	6,529
1936-1940.....	4,987	31,292	56	2,533	613	19,765	2,452	2,111	1,866	6,883
1941-1945.....	5,060	53,813	174	4,274	980	41,223	1,838	1,278	2,059	7,038
1946-1950.....	3,918	41,868	97	3,706	598	30,778	1,446	1,141	1,777	6,243
1951-1955.....	2,969	29,411	55	2,447	336	20,401	1,012	926	1,566	5,637
1956.....	3,486	33,267	180	3,419	392	22,586	1,245	1,133	1,669	6,129
1957.....	3,039	29,214	49	2,503	343	20,170	1,076	964	1,571	5,577
1958.....	2,575	25,547	30	2,247	235	17,219	911	900	1,399	5,181
1959.....	2,849	27,846	24	2,253	282	19,011	897	817	1,646	5,765
1960.....	2,578	28,676	57	2,756	288	19,608	839	877	1,394	5,485
1961 (prel.).....	2,303	18,688	15	1,566	195	12,246	742	617	1,441	4,259
1956.....	2,311	19,343	61	1,628	187	13,305	711	660	1,352	3,750
1957.....	2,094	19,909	10	1,352	178	14,203	641	619	1,265	3,735
1958.....	2,248	19,577	32	1,463	198	13,710	617	564	1,401	3,840
1959.....	2,127	27,118	17	1,887	145	20,194	624	678	1,341	4,359

<sup>1</sup> Data cover passengers on trains and travelers not on trains. Casualties sustained in nontrain accidents included with "Other persons."

Source: Interstate Commerce Commission; annual report, *Accident Bulletin*.

# No. 790. HIGHWAY GRADE CROSSINGS AND ACCIDENTS AT HIGHWAY GRADE CROSSINGS—TOTAL AND AUTOMOBILE CASUALTIES: 1935 TO 1961

[Beginning 1960, includes Alaska and Hawaii. Covers all railroads, except as noted. Excludes casualties due to suicide, mental derangement, and attempt to escape custody. See also headnote, table 789. See also *Historical Statistics, Colonial Times to 1957*, series Q 125-127]

YEAR	HIGHWAY GRADE CROSSINGS <sup>1</sup>			ACCIDENTS					
	Total	Specially protected <sup>2</sup>	Eliminated during year by separation of grades	Number	All persons		Involving automobiles <sup>3</sup>		
					Number killed	Number injured	Persons killed	Persons injured	Total casualties per 10,000 automobiles registered
1935-----	234, 231	30, 200	164	3, 933	1, 680	4, 658	1, 442	4, 434	2.24
1940-----	230, 285	32, 421	209	4, 104	1, 808	4, 632	1, 576	4, 430	1.88
1945-----	226, 153	33, 321	7	4, 100	1, 903	4, 446	1, 577	4, 125	1.86
1950-----	227, 364	35, 965	61	4, 000	1, 576	4, 368	1, 393	4, 206	1.15
1953-----	227, 110	37, 990	53	3, 675	1, 494	3, 815	1, 319	3, 688	0.90
1954-----	226, 522	38, 528	80	3, 336	1, 303	3, 426	1, 151	3, 314	0.76
1955-----	226, 318	39, 060	84	3, 846	1, 446	4, 014	1, 313	3, 886	0.83
1956-----	224, 519	39, 324	72	3, 630	1, 338	3, 755	1, 202	3, 629	0.74
1957-----	223, 381	39, 884	113	3, 569	1, 371	3, 767	1, 217	3, 613	0.72
1958-----	225, 938	41, 155	78	3, 099	1, 271	3, 161	1, 129	3, 026	0.61
1959-----	225, 394	41, 720	130	3, 075	1, 203	3, 247	1, 055	3, 123	0.59
1960-----	224, 513	42, 267	102	3, 195	1, 364	3, 424	1, 254	3, 277	0.61
1961 (prel.)-----	(4)	(4)	(4)	3, 204	1, 291	3, 514	1, 168	3, 288	0.59

<sup>1</sup> Class I railroads only.

<sup>2</sup> Includes crossings with operated gates or watchmen, or both, during at least part of day, and those with audible or visible signals, or both. Excludes those with fixed signs only.

<sup>3</sup> Includes passenger automobiles, motorbuses, and motorbuses. <sup>4</sup> Not available.

Source: Interstate Commerce Commission; annual reports, *Accident Bulletin*, *Statistics of Railways in the United States*, and, beginning 1954, *Transport Statistics in the United States*, Part 1.

## No. 791. TRANSIT INDUSTRY—SUMMARY: 1935 to 1960

[Calendar years except as noted. Beginning 1960, includes Alaska and Hawaii. Comprises all organized local passenger transportation agencies except taxicabs, suburban railroads, and sightseeing and school buses. Covers (a) local motorbus lines, (b) electric street railways, (c) elevated and subway lines, (d) interurban electric railways and (e) trolley coach lines. Based on financial and statistical reports received by American Transit Association from transit companies representing more than 85 percent of the industry. See also *Historical Statistics, Colonial Times to 1957*, series Q 330-340]

ITEM	1935	1940	1945	1950	1955	1957	1958	1959	1960
Operating companies.....	(1)	(1)	1,253	1,406	1,483	1,324	1,300	1,272	1,251
Motorbus companies <sup>2</sup> .....	(1)	(1)	1,164	1,354	1,450	1,304	1,282	1,255	1,236
Miles of route operated (Dec. 31):									
Electric railway—miles of single track.....	26,700	19,602	17,702	10,813	6,197	5,019	4,145	4,051	3,935
Surface.....	25,470	18,360	16,480	9,590	4,976	3,774	2,901	2,806	2,692
Subway and elevated.....	1,230	1,242	1,222	1,223	1,221	1,245	1,244	1,245	1,243
Trolley coach—miles of negative overhead wire.....	548	1,025	2,313	3,513	3,428	3,007	2,723	2,491	2,190
Motorbus—miles of route round trip.....	58,100	78,000	90,400	98,000	99,800	102,400	104,500	106,300	108,700
Passenger vehicles owned (Dec. 31):									
Electric railway cars.....	74,844	75,464	89,758	80,310	73,089	68,971	67,149	65,780	65,292
Surface.....	50,466	37,662	36,377	22,986	14,532	12,769	12,201	11,983	11,866
Subway and elevated.....	40,060	26,630	26,160	13,228	5,300	3,601	3,108	2,983	2,856
Trolley coaches.....	10,416	11,032	10,217	9,758	9,232	9,158	9,093	9,000	9,010
Motorbuses.....	578	2,802	3,711	6,504	6,157	5,412	4,848	4,297	3,826
Investment (Dec. 31)..... mil. dol.	(1)	4,066	4,262	3,918	3,821	3,703	3,781	3,854	3,937
Electric railway..... do.	(1)	3,588	3,620	3,060	2,902	2,780	2,870	2,938	3,003
Surface..... do.	(1)	1,574	1,570	913	616	485	373	378	367
Subway and elevated..... do.	(1)	2,014	2,050	2,147	2,286	2,385	2,497	2,560	2,636
Trolley coach..... do.	(1)	58	76	144	160	143	139	125	117
Motorbus..... do.	(1)	450	566	714	759	780	772	791	817
Operating finances:									
Operating revenue..... do.	681	737	1,380	1,452	1,426	1,386	1,350	1,376	1,407
Electric railway..... do.	520	456	710	578	440	383	366	365	360
Surface..... do.	368	328	500	362	176	115	99	93	88
Subway and elevated..... do.	132	128	149	216	264	268	267	272	282
Trolley coach..... do.	6	25	68	122	131	116	103	91	82
Motorbus..... do.	156	256	603	752	856	890	881	920	950
Operating expenses..... do.	535	508	1,067	1,297	1,277	1,262	1,266	1,266	1,290
Percent of revenue..... do.	78.50	81.14	77.31	89.30	89.55	91.05	93.80	91.99	91.66
Net revenue..... mil. dol.	146	139	313	155	149	124	84	110	117
Taxes (all)..... do.	50	63	165	89	93	87	77	85	87
Operating income..... do.	96	76	149	66	56	37	7	26	31
Percent of revenue..... do.	14.09	10.35	10.77	4.57	3.91	2.64	0.49	1.86	2.18
Revenue vehicle-miles operated millions.....	2,312	2,566	3,254	3,008	2,448	2,290	2,201	2,159	2,143
Electric railway..... do.	1,586	1,316	1,398	907	561	495	476	470	460
Surface..... do.	1,148	845	940	403	178	107	90	81	75
Subway and elevated..... do.	439	471	458	443	383	388	387	389	391
Trolley coach..... do.	15	85	133	206	177	147	131	112	101
Motorbus..... do.	711	1,195	1,722	1,895	1,710	1,648	1,594	1,577	1,576
Passengers carried..... do.	12,226	13,068	23,254	17,246	11,529	10,389	9,732	9,557	9,995
Electric railway..... do.	9,512	8,325	12,124	6,168	3,077	2,522	2,387	2,349	2,313
Surface..... do.	7,276	5,943	9,426	3,904	1,207	679	572	521	463
Subway and elevated..... do.	2,236	2,382	2,698	2,264	1,870	1,843	1,815	1,828	1,850
Trolley coach..... do.	96	534	1,244	1,658	1,202	993	843	749	657
Motorbus..... do.	2,618	4,239	9,886	9,420	7,250	6,874	6,502	6,459	6,425
Revenue passengers carried..... do.	9,782	10,504	18,982	13,845	9,189	8,338	7,778	7,650	7,521
Electric railway..... do.	7,409	6,464	9,636	4,903	2,586	2,197	2,050	2,025	2,005
Surface..... do.	5,156	4,183	7,081	2,790	845	491	415	378	335
Subway and elevated..... do.	2,262	2,282	2,555	2,113	1,741	1,706	1,635	1,647	1,670
Trolley coach..... do.	77	419	1,001	1,261	860	703	593	517	447
Motorbus..... do.	2,297	3,620	8,345	7,681	5,734	5,433	5,135	5,108	5,069
Number of employees (average).....	209,000	203,000	242,000	240,000	198,000	177,000	165,000	159,100	156,400
Electric railway..... do.	164,000	123,000	129,200	90,900	66,000	54,500	49,000	47,700	46,500
Trolley coach..... do.	1,000	6,000	8,500	15,400	16,000	13,500	12,000	10,700	9,400
Motorbus..... do.	44,000	74,000	104,300	133,700	116,000	109,000	104,000	100,700	100,500
Payroll..... mil. dol.	321	360	632	835	864	840	831	832	857
Average annual earnings per employee..... dollars.....	1,536	1,773	2,612	3,479	4,364	4,746	5,036	5,229	5,481

<sup>1</sup> Not available.

<sup>2</sup> Comprises companies operating motor buses exclusively and companies with combined services such as trolley coach and motorbus, etc.

Source: American Transit Association, New York, N.Y.; annual report, *Transit Fact Book*.

# **No. 792. CLASS I INTERCITY MOTOR CARRIERS OF PROPERTY—SUMMARY OF FINANCIAL AND OPERATING STATISTICS: 1950 TO 1960**

[All money figures in thousands of dollars, except averages. Excludes Alaska and Hawaii. See text, p. 567, for explanation of change in class limits beginning 1957]

ITEM	1950	1955	1958	1959	1960
Number of carriers reporting	1,621	2,244	866	890	935
Investment in capital operating property	747,750	1,514,971	1,595,711	1,823,708	1,991,726
Reserve for depreciation and amortization	309,430	735,704	801,231	903,236	997,822
Income statement:					
Operating revenue	2,379,713	4,030,291	3,851,305	4,590,312	4,763,288
Common carrier	2,180,779	3,621,933	3,581,070	4,261,388	4,384,109
Contract carrier	143,771	294,444	167,611	202,373	238,583
Other operating revenue	55,164	113,914	102,624	126,551	140,596
Expenses	2,215,006	3,869,852	3,723,222	4,391,553	4,644,707
Operation and maintenance expenses	1,068,089	3,496,521	3,337,157	3,954,615	4,151,116
Depreciation and amortization <sup>1</sup>	84,497	157,197	171,224	178,989	202,361
Operating taxes and licenses <sup>2</sup>	103,408	216,134	214,841	257,949	291,220
Operating rents, net	59,012	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Operating ratio (percent expenses of operating revenue)	93.1	96.0	96.7	95.7	97.5
Net operating revenue	164,707	160,439	128,083	198,759	118,581
Lease of distinct operating unit, net	540	979	750	1,788	1,350
Other income, less income deductions	5,608	13,763	24,349	29,414	39,197
Net income before income taxes	158,565	145,997	103,004	167,557	81,094
Net income after income taxes	92,082	82,213	54,343	91,987	37,110
Dividend appropriations and withdrawals <sup>4</sup>	23,482	28,547	17,051	24,472	24,406
Operating statistics and averages:					
Owned revenue vehicles <sup>5</sup>	191,243	288,668	243,080	265,000	279,305
Inter-city vehicle-miles	5,352	7,559	6,101	7,085	7,203
Tons of inter-city revenue freight carried <sup>6</sup>	212,997	313,583	232,162	268,356	275,518
Miles per owned vehicle	53,833	53,008	56,736	61,696	59,590
Revenue per vehicle-mile (intercity)	\$0.434	\$0.518	\$0.614	\$0.630	\$0.642
Expense per vehicle-mile (intercity) <sup>7</sup>	\$0.414	\$0.512	\$0.610	\$0.620	\$0.645

<sup>1</sup> Amortization represents a very small part of this total.

<sup>2</sup> Excludes Federal and State income taxes.

<sup>3</sup> Not available.

<sup>4</sup> Withdrawals of sole proprietors and partners.

<sup>5</sup> Excludes equipment used under lease, including operations conducted under "purchased transportation" arrangements.

<sup>6</sup> Includes duplications on account of tonnage received from connecting motor carriers.

<sup>7</sup> Basic figures include expenses of operating vehicles in local services not available separately.

## **No. 793. CLASS I INTERCITY MOTOR CARRIERS OF PROPERTY—SELECTED OPERATING STATISTICS, BY REGIONS: 1959 AND 1960**

[Excludes Alaska and Hawaii. See text, p. 567, for explanation of change in class limits, beginning 1957. Regions: 1, Conn., Maine, Mass., N.H., R.I., Vt.; 2, Del., D.C., Md., N.J., N.Y., Pa., W. Va.; 3, Ill., Ind., Mich. (Lower Pen.), Ohio; 4, Ala., Fla., Ga., Ky., Miss., N.C., S.C., Tenn., Va.; 5, Mich. (Upper Pen.), Minn., N. Dak., S. Dak., Wis.; 6, Iowa, Kans., Mo., Nebr.; 7, Ark., La., Okla., Tex.; 8, Colo., Idaho, Mont., N. Mex., Utah, Wyo.; 9, Ariz., Calif., Nev., Oreg., Wash.]

REGION AND YEAR	Number of carriers reporting	Operating revenue (\$1,000)	Total expenses (\$1,000)	OWNED REVENUE VEHICLES <sup>1</sup>				Inter-city vehicle-miles (millions)	EMPLOYEES <sup>2</sup>	
				Trucks	Truck-tractors	Semi-trailers	Full trailers		Average number	Compensation (\$1,000)
<b>1959</b>	<b>890</b>	<b>4,590,312</b>	<b>4,391,553</b>	<b>30,023</b>	<b>83,843</b>	<b>148,209</b>	<b>3,015</b>	<b>7,085</b>	<b>317,606</b>	<b>1,999,923</b>
1. New England	54	167,598	162,464	1,800	3,525	5,502	-----	176	14,320	85,353
2. Middle Atlantic	161	712,353	687,827	4,955	13,880	25,881	56	942	53,037	327,447
3. Central	263	1,557,780	1,496,604	4,606	24,961	46,907	700	2,507	94,243	628,721
4. Southern	129	652,385	619,678	5,230	13,689	22,349	3	1,136	50,302	295,555
5. Northwestern	44	190,808	185,940	1,376	4,197	7,019	-----	261	14,019	94,522
6. Midwestern	60	298,782	288,648	1,725	5,032	10,624	38	489	19,157	124,084
7. Southwestern	70	389,455	304,369	3,623	7,524	10,736	22	693	28,414	171,064
8. Rocky Mountain	31	211,407	195,261	1,478	3,031	5,541	315	344	13,603	87,811
9. Pacific	78	409,745	390,754	5,221	7,404	13,650	1,881	536	28,711	185,367
<b>1960</b>	<b>935</b>	<b>4,763,288</b>	<b>4,644,707</b>	<b>30,560</b>	<b>87,933</b>	<b>157,657</b>	<b>3,155</b>	<b>7,203</b>	<b>326,626</b>	<b>2,103,054</b>
1. New England	60	178,720	177,223	1,852	3,586	5,303	-----	187	15,638	94,052
2. Middle Atlantic	172	702,995	747,227	5,228	14,703	27,370	163	1,014	56,477	353,800
3. Central	276	1,598,497	1,566,038	4,402	25,370	48,650	737	2,485	95,331	643,687
4. Southern	135	670,549	652,382	5,073	14,726	24,658	-----	1,161	51,628	310,104
5. Northwestern	47	204,083	200,616	1,371	4,729	7,548	-----	294	15,608	101,086
6. Midwestern	63	304,568	298,623	1,775	5,703	10,703	37	482	19,446	129,167
7. Southwestern	73	380,149	363,633	3,169	7,346	10,931	17	665	28,487	169,568
8. Rocky Mountain	28	210,754	198,097	1,620	3,280	6,288	335	325	13,403	90,444
9. Pacific	81	452,973	440,866	5,350	8,400	15,610	1,866	590	30,548	210,246

<sup>1</sup> See footnote 5, table 792. <sup>2</sup> Excludes drivers of equipment engaged to perform "purchased transportation" service.

Source of tables 792 and 793. Interstate Commerce Commission; annual reports, *Statistics of Class I Motor Carriers*, and, beginning 1955, *Transport Statistics in the United States*, Part 7.

### No. 794. CLASS I INTERCITY MOTOR CARRIERS OF PASSENGERS—SUMMARY OF FINANCIAL AND OPERATING STATISTICS: 1950 TO 1960

[All money figures in thousands of dollars, except average fare and revenue and expense per vehicle-mile. Excludes Alaska and Hawaii. See headnote, table 792. Excludes carriers subject to ICC jurisdiction engaged preponderantly in local or suburban service and carriers engaged in transportation of both property and passengers]

ITEM	1950	1955	1958	1959	1960
Number of carriers reporting	172	146	186	143	143
Investment in carrier operating property	286,000	372,801	432,326	441,194	463,102
Reserve for depreciation and amortization	144,489	197,076	225,060	242,803	257,397
Income statement:					
Operating revenue	350,751	361,644	409,733	430,127	463,115
Passenger revenue <sup>1</sup>	324,529	314,759	345,060	365,386	381,663
Special bus revenue	11,694	22,346	30,688	32,587	36,016
Other operating revenue	14,528	24,539	34,585	41,154	45,436
Expenses	314,773	330,598	366,087	380,254	405,393
Operation and maintenance expenses	254,905	269,660	301,063	313,015	333,775
Depreciation and amortization <sup>2</sup>	27,188	27,117	29,418	28,825	29,273
Operating taxes and licenses <sup>3</sup>	28,649	30,347	31,553	33,571	36,347
Operating rents, net	4,030	3,474	4,023	4,844	5,998
Operating ratio (percent expenses of operating revenue)	89.7	91.4	89.4	86.6	87.5
Net operating revenue	35,978	31,046	43,646	58,873	57,722
Lease of carrier property, net	100	33	83	108	127
Other income, less income deductions	766	1,095	2,866	1,779	2,781
Net income before income taxes	35,121	29,319	40,708	56,986	54,315
Net income after income taxes	18,908	15,570	19,834	28,694	28,231
Dividend appropriations and withdrawals <sup>4</sup>	16,088	28,345	4,620	3,933	3,365
Operating statistics and averages:					
Passenger vehicles owned, end of year	13,200	11,547	10,791	10,763	10,946
Vehicle-miles of owned and leased passenger vehicles <sup>5</sup>	1,000				
Number of revenue passengers carried, total	958,830	950,207	815,927	810,455	843,230
Miles per vehicle <sup>6</sup>	359,898	293,244	228,529	251,214	267,607
	65,411	64,128	63,574	65,375	65,607
Average fare per passenger, per carrier, intercity service	\$1.010	\$1.370	\$1.913	\$2.001	\$2.124
Passenger revenue per vehicle-mile, regular route intercity	\$0.346	\$0.381	\$0.454	\$0.484	\$0.487
Expense per vehicle-mile <sup>7</sup>	\$0.328	\$0.384	\$0.449	\$0.460	\$0.481

<sup>1</sup> Regular route intercity and local revenue. <sup>2</sup> Amortization represents a very small part of this total.

<sup>3</sup> Excludes Federal and State income taxes. <sup>4</sup> Withdrawals of sole proprietors and partners.

<sup>5</sup> Includes bus-miles of vehicles operated under "purchased transportation" arrangements.

<sup>6</sup> Averages for owned and leased vehicles. <sup>7</sup> See footnote 7, table 792.

### No. 795. CLASS I INTERCITY MOTOR CARRIERS OF PASSENGERS—SELECTED OPERATING STATISTICS, BY REGIONS: 1959 AND 1960

[Excludes Alaska and Hawaii. See headnote, table 794; for description of regions, see headnote, table 793]

REGION AND YEAR	Number of carriers reporting	Operating revenue (\$1,000)	Total expenses (\$1,000)	PASSENGER VEHICLES		REGULAR-ROUTE INTERCITY			EMPLOYEES	
				Total <sup>1</sup>	Inter-city <sup>2</sup>	Vehicle-miles (1,000)	Revenue passengers carried (1,000)	Average fare per passenger, per carrier	Average number	Compensation (\$1,000)
1959	143	439,127	380,254	11,925	10,856	710,103	171,904	\$2.001	33,454	183,750
1. New England	10	7,735	7,570	245	245	13,444	5,470	1.113	707	3,471
2. Middle Atlantic	36	48,522	45,785	1,773	1,202	68,471	28,359	1.074	4,130	20,806
3. Central	25	71,498	63,354	1,747	1,581	110,228	32,537	1.828	5,429	30,080
4. Southern	21	104,170	87,586	2,666	2,640	181,178	46,939	1.843	7,565	39,722
5. Northwestern	2	42,686	37,017	964	964	67,036	13,655	2.519	3,442	21,362
6. Midwestern	6	8,059	7,646	421	421	17,101	2,120	2.691	871	2,850
7. Southwestern	23	67,249	57,051	2,130	2,123	128,984	22,220	2.432	5,236	26,946
8. Rocky Mountain	9	5,571	4,847	817	316	10,644	1,031	2.072	487	2,341
9. Pacific	8	83,641	69,119	1,006	1,358	125,017	19,244	3.342	5,887	36,115
1960	143	463,115	405,393	12,680	11,142	728,873	166,997	2.124	34,514	196,152
1. New England	10	15,604	14,748	734	247	14,481	5,288	1.359	1,599	7,957
2. Middle Atlantic	36	51,000	48,340	1,773	1,280	60,277	28,464	1.170	3,970	21,438
3. Central	24	97,963	85,167	2,118	2,034	146,040	38,923	2.086	7,683	44,168
4. Southern	20	100,904	85,633	2,442	2,431	173,612	42,049	1.934	7,094	38,785
5. Northwestern	4	1,875	1,596	79	79	3,877	506	2.331	116	629
6. Midwestern	9	61,781	53,643	1,338	1,278	104,402	15,865	3.161	4,147	25,821
7. Southwestern	23	43,450	38,098	2,114	2,081	90,132	14,991	2.178	3,477	10,917
8. Rocky Mountain	9	6,556	5,942	300	299	12,325	2,054	2.258	560	2,730
9. Pacific	8	83,383	71,625	1,782	1,413	124,029	18,867	3.348	5,878	38,007

<sup>1</sup> Comprises average number operated in intercity service during year and number owned in local operations at close of year.

<sup>2</sup> Comprises vehicles owned, leased, and operated under "purchased transportation" arrangements, operated in intercity revenue service.

Source of tables 794 and 795: Interstate Commerce Commission; annual reports, *Statistics of Class I Motor Carriers*, and, beginning 1955, *Transport Statistics in the United States*, Part 7.

## No. 796. SUMMARY OF CIVIL FLYING: 1940 TO 1961

[As of Dec. 31 or for year ending Dec. 31. Includes Alaska and Hawaii, except as noted. General aviation flying excludes civil flying performed by public carriers—scheduled, supplemental, contract, or intrastate. See also *Historical Statistics, Colonial Times to 1967*, series Q 376-383 and Q 394-397]

ITEM	1940	1950	1955	1958	1959	1960	1961
Miles of Federal airways <sup>1</sup> .....	32,100	70,263	148,979	182,575	176,934	178,924	135,447
Equipped with low/medium frequency radio aids.....	32,100	70,263	67,770	57,705	47,302	36,879	14,543
Equipped with very high frequency radio aids.....			81,200	124,870	129,632	142,045	120,904
Total civil aircraft <sup>1,2</sup> .....	17,928	92,809	85,320	98,893	105,809	111,580	( <sup>3</sup> )
Active aircraft.....	( <sup>3</sup> )	60,921	60,432	60,718	70,747	78,760	( <sup>3</sup> )
Hours flown (general aviation) <sup>4</sup> .....1,000	3,200	9,650	9,500	11,700	12,000	12,203	( <sup>3</sup> )
Business <sup>5</sup> .....do.....	314	2,750	4,300	5,300	5,700	5,300	( <sup>3</sup> )
Commercial <sup>6</sup> .....do.....	387	1,600	1,950	2,200	2,300	2,200	( <sup>3</sup> )
Instructional.....do.....	1,529	3,000	1,275	2,000	2,000	1,700	( <sup>3</sup> )
Pleasure.....do.....	970	2,300	1,975	2,200	2,400	2,950	( <sup>3</sup> )
Other.....do.....		100				53	( <sup>3</sup> )
Miles flown (general aviation) <sup>4</sup> .....1,000	264,000	1,061,500	1,216,000	1,544,000	1,649,000	1,645,000	( <sup>3</sup> )
Business <sup>5</sup> .....do.....	25,910	339,700	627,800	787,000	855,000	811,000	( <sup>3</sup> )
Commercial <sup>6</sup> .....do.....	31,981	180,600	245,700	278,000	291,000	281,000	( <sup>3</sup> )
Instructional.....do.....	126,264	286,600	120,650	216,000	216,000	184,000	( <sup>3</sup> )
Pleasure.....do.....	79,885	244,100	221,850	263,000	287,000	362,000	( <sup>3</sup> )
Other.....do.....		10,600				7,000	( <sup>3</sup> )
Fuel consumed (general aviation) <sup>7</sup> .....							
Gasoline.....1,000 gal.....	22,400	131,200	190,000	227,000	249,000	268,160	( <sup>3</sup> )
Oil.....do.....	660	2,916	3,450	3,700	4,060	4,325	( <sup>3</sup> )
Certificated airplane pilots.....	69,829	( <sup>3</sup> )	643,201	731,078	758,368	783,232	( <sup>3</sup> )
Airline transport.....	1,431	( <sup>3</sup> )	13,700	18,303	19,364	20,985	( <sup>3</sup> )
Commercial.....	18,781	( <sup>3</sup> )	211,142	245,541	255,377	262,437	( <sup>3</sup> )
Private.....	49,607	( <sup>3</sup> )	418,359	467,234	483,627	499,810	( <sup>3</sup> )
Other certificated airman:							
Glider pilots.....	138	( <sup>3</sup> )	3,659	4,271	4,502	4,974	( <sup>3</sup> )
Mechanics.....	11,177	( <sup>3</sup> )	91,001	107,072	113,520	115,688	( <sup>3</sup> )
Parachute riggers.....	444	( <sup>3</sup> )	2,859	2,543	2,835	2,936	( <sup>3</sup> )
Ground instructors.....	1,948	( <sup>3</sup> )	27,080	28,366	30,179	20,421	( <sup>3</sup> )
Aids to air navigation (Federal airways): <sup>1</sup>							
Radio range stations.....	202	749	768	885	983	1,030	1,042
Low/medium frequency.....	290	378	344	329	322	305	282
Very high frequency.....	2	371	424	556	661	725	760
Nondirectional radio beacons.....	48	141	175	191	191	190	176
Airport towers.....		172	100	128	139	153	184
Airways centers.....	11	31	31	32	33	35	36
Combined station/towers.....			75	84	83	75	70
Flight service stations.....	365	451	364	345	332	335	338
Instrument landing systems.....	1	96	157	171	174	191	195
Airports in operation <sup>7</sup> .....	2,331	6,403	6,839	16,018	6,426	6,881	7,715
General <sup>8</sup> .....			2,713	12,932	2,940	3,026	3,274
Limited and restricted <sup>8</sup> .....			4,126	3,086	3,477	3,855	4,441
Lighted airports.....	776	1,670	1,247	11,800	1,943	2,133	2,299
Aircraft accidents (general aviation) <sup>9</sup> .....	3,471	4,505	3,343	4,264	4,576	4,540	4,650
Aircraft destroyed.....	433	1,527	798	780	1,178	( <sup>3</sup> )	( <sup>3</sup> )
Substantial damage.....	2,505	2,947	2,509	3,462	3,369	( <sup>3</sup> )	( <sup>3</sup> )
Minor and no damage.....	533	31	36	22	29	( <sup>3</sup> )	( <sup>3</sup> )
Degree of injury to persons in aircraft accidents (general aviation):							
Fatal.....	359	871	619	688	823	835	794
Severe.....	327	546	347	308	449	( <sup>3</sup> )	( <sup>3</sup> )
Minor and no injury.....	4,744	6,263	4,974	6,661	3,304	( <sup>3</sup> )	( <sup>3</sup> )

<sup>1</sup> United States (including Alaska and Hawaii) and outlying areas.

<sup>2</sup> Includes gliders.

<sup>3</sup> Not available. <sup>4</sup> Beginning 1960, includes Alaska and Hawaii.

<sup>5</sup> Corporation and individual business transportation, not for hire.

<sup>6</sup> Passenger and cargo transportation for hire, aerial application (crop dusting, spraying, seeding, etc.), patrol, survey, and other miscellaneous work use.

<sup>7</sup> Existing airports and airfields recorded with FAA. "Limited" includes seaplane bases and heliports.

<sup>8</sup> See footnote 2, table 808, for current definitions.

<sup>9</sup> Detail shown is number of accidents. 1960 and 1961 figures are preliminary.

Source: Federal Aviation Agency and Civil Aeronautics Board. Published in *FAA Statistical Handbook of Aviation*.

## No. 797. SCHEDULED AIR CARRIERS—SUMMARY OF OPERATIONS: 1940 TO 1961

[As of Dec. 31 or for year ending Dec. 31, except as noted. Beginning 1955, includes Alaska. Data for domestic air carriers include Hawaii. See also *Historical Statistics, Colonial Times to 1967*, series Q 352-362 and Q 384-393]

ITEM	1940	1945	1950	1955	1959	1960	1961
<b>Number of operators:</b>							
Domestic.....	19	20	38	38	37	39	38
International.....	3	4	12	17	18	18	17
<b>Route miles in operation<sup>1</sup>:</b>							
Domestic <sup>2</sup> .....	95,079	87,401	183,841	196,274	232,695	235,139	244,125
International <sup>3</sup> .....	42,757	48,816	77,440	78,992	96,665	98,330	104,719
International <sup>3</sup> .....	52,322	38,885	106,401	117,282	136,030	136,809	139,406
<b>Aircraft in service:</b>							
Domestic.....	437	518	1,120	1,409	1,803	1,808	1,767
Domestic.....	369	421	960	1,246	1,630	1,634	1,611
Single-engine.....		11	29	23	23	25	23
Twin-engine.....		405	571	675	659	638	607
Four-engine.....		5	300	548	948	971	981
International.....	68	97	160	163	173	174	159
Twin-engine.....		71	35	32	20	16	14
Four-engine.....		26	125	131	153	168	142
<b>Average available seats:<sup>4</sup></b>							
Domestic.....	16.54	19.68	37.47	51.18	58.74	65.46	72.0
International.....	18.28	18.91	40.96	56.35	67.45	89.85	103.7
<b>Average speed (miles per hour):</b>							
Domestic.....	(5)	155.4	181.2	207.8	223.0	234.9	260.1
International.....	(5)	150.7	218.4	244.4	262.5	306.8	356.7
<b>Fuel consumed:</b>							
Gasoline.....1,000 gal.....	74,535	169,911	572,246	1,170,240	1,475,193	1,127,003	925,723
Domestic.....do.....	65,675	134,824	418,442	911,748	1,141,734	922,480	774,094
International.....do.....	8,860	25,087	153,804	258,492	333,459	204,523	151,629
Jet fuel, domestic.....do.....				1,827	413,362	988,003	1,473,162
International.....do.....					63,417	342,513	558,837
Oil.....do.....	1,288	2,025	6,675	14,161	21,457	15,545	12,190
Domestic.....do.....	1,104	1,710	5,007	11,418	16,807	12,688	10,135
International.....do.....	184	316	1,668	2,743	4,650	2,857	2,055
<b>Total personnel employed:</b>							
Domestic.....	22,051	68,281	82,786	124,527	162,408	164,790	166,493
Domestic.....	15,094	50,313	61,963	96,557	131,610	133,379	(9)
International.....	6,067	17,968	20,823	27,970	30,798	31,411	(9)
<b>Revenue-miles flown (all scheduled services).....1,000.....</b>							
Domestic.....do.....	110,753	241,578	458,087	762,777	1,014,068	988,384	950,465
Domestic.....do.....	110,101	208,969	364,250	627,336	841,925	820,753	795,109
International.....do.....	9,652	32,600	93,831	135,441	172,143	162,631	161,296
<b>Revenue passengers carried, do.....</b>							
Domestic.....do.....	2,065	7,052	19,019	41,709	60,296	62,258	68,012
Domestic.....do.....	2,523	6,576	17,345	38,221	54,955	56,352	56,900
International.....do.....	163	478	1,675	3,488	5,341	5,903	6,112
<b>Revenue passenger-miles flown:</b>							
Domestic.....1,000,000.....	1,052	3,362	8,003	19,852	29,308	30,557	31,052
International.....do.....	100	448	2,206	4,499	7,064	8,306	8,769
<b>Average passenger-mile rate:</b>							
Domestic.....	\$0.0507	\$0.0495	\$0.0555	\$0.0536	\$0.0588	\$0.0609	\$0.0628
International.....	.0883	.0867	.0728	.0666	.0629	.0635	.0608
<b>Express and freight, ton-miles flown.....1,000.....</b>							
Domestic.....do.....	(9)	30,014	211,914	326,344	504,077	578,389	671,303
Domestic.....do.....	3,476	22,197	161,351	229,966	344,728	386,934	454,141
International.....do.....	(9)	8,718	60,563	96,378	159,349	191,455	217,162
<b>Mail, ton-miles flown:</b>							
Domestic.....do.....	10,118	65,093	47,009	88,751	20,276	135,597	150,451
International.....do.....		3,399	21,188	53,390	73,718	94,859	135,714
<b>Accidents, domestic:<sup>5</sup></b>							
Number of accidents.....	30	40	39	60	68	68	62
Revenue-miles flown per accident.....1,000.....	3,684	5,234	9,850	10,450	12,118	11,734	12,422
Total fatalities.....	45	88	109	180	249	303	136
Passenger-fatalities per 100 million passenger-miles flown.....	3.0	2.2	1.1	0.8	0.7	1.0	0.3
<b>Accidents, international:<sup>5</sup></b>							
Number of accidents.....	6	5	6	5	12	5	3
Revenue-miles flown per accident.....1,000.....	1,600	6,522	15,086	28,984	10,523	33,688	55,758
Total fatalities.....		27	56	4	71	15	-----
Passenger-fatalities per 100 million passenger-miles flown.....		3.7	2.1	0.04	0.8	0.1	-----

<sup>1</sup> Not compiled for intra-Alaska.

<sup>2</sup> 1940 and 1945, averages for December; 1950-1961, based on fourth quarter.

<sup>3</sup> 1940, as of Dec. 31; 1945, average for December; 1950-1961, based on fourth quarter.

<sup>4</sup> Obtained by dividing passenger seat miles by revenue miles flown in passenger service.

<sup>5</sup> Not available.

<sup>6</sup> Data for domestic passengers include duplication.

<sup>7</sup> Excludes freight flown by certificated all-cargo operators and irregular carriers.

<sup>8</sup> Excludes regular mail carried under special contract.

<sup>9</sup> Revenue operations accidents. Beginning 1950, includes scheduled cargo carriers.

Source: Federal Aviation Agency and Civil Aeronautics Board. Published in *FAA Statistical Handbook of Aviation*.



# No. 798. SCHEDULED AIR CARRIERS—AVAILABLE SERVICE AND UTILIZATION, AND TRAFFIC CARRIED: 1952 to 1961

[In millions. Includes Alaska and Hawaii, except as noted]

ITEM	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961
<b>SERVICE AND UTILIZATION</b>										
Available ton miles.....	3,367	3,955	4,463	5,289	6,171	7,231	7,326	8,337	9,363	10,579
Revenue ton miles.....	2,005	2,288	2,564	3,088	3,619	4,082	4,120	4,734	5,024	5,394
Ton-mile load factor..... percent.....	59.5	57.9	57.5	58.4	58.6	56.5	56.2	56.8	53.5	50.5
Available seat miles.....	24,125	28,062	33,377	38,574	43,674	51,059	53,115	59,247	65,566	71,849
Revenue passenger miles.....	15,624	18,245	20,613	24,351	27,625	31,261	31,499	36,372	38,863	39,827
Passenger load factor..... percent.....	64.8	63.0	61.8	63.1	63.3	61.2	59.3	61.4	50.3	55.4
Revenue plane miles.....	570	638	672	763	851	954	950	1,005	978	969
<b>TRAFFIC CARRIED (revenue ton-miles)</b>										
<b>Total</b> .....	<b>2,005</b>	<b>2,288</b>	<b>2,564</b>	<b>3,088</b>	<b>3,619</b>	<b>4,082</b>	<b>4,120</b>	<b>4,734</b>	<b>5,024</b>	<b>5,394</b>
Passenger <sup>1</sup> .....	1,524	1,777	2,007	2,368	2,686	2,900	3,023	3,400	3,732	3,827
U. S. mail:										
Priority.....	93	98	108	128	137	144	160	181	202	223
Nonpriority.....		2	11	15	15	17	17	10	30	76
Express.....	42	44	42	61	53	46	40	57	50	61
Freight.....	280	304	312	383	451	507	501	589	643	733
Charter flights.....	33	36	51	106	233	319	321	346	206	423
Excess baggage.....	25	28	32	37	43	50	48	52	52	50

<sup>1</sup> Passenger miles converted to ton-miles on basis of about 10 to 1; that is, 10 passengers with allowable free baggage are accepted as equaling 1 ton.

Source: Air Transport Association of America, Washington, D.C.; *Air Transport Facts and Figures*, and records.

# No. 799. SCHEDULED AIR CARRIERS—OPERATING REVENUES AND EXPENSES: 1957 to 1961

[In millions of dollars. Includes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series Q 363-376]

ITEM	DOMESTIC AIR CARRIERS					INTERNATIONAL AIR CARRIERS				
	1957	1958	1959	1960	1961	1957	1958	1959	1960	1961
Net operating income.....	41.2	97.5	106.8	37.9	18.7	28.3	11.3	18.6	45.2	36.0
<b>Operating revenues</b> .....	<b>1,530.2</b>	<b>1,636.2</b>	<b>1,955.1</b>	<b>2,129.3</b>	<b>2,245.5</b>	<b>508.8</b>	<b>530.8</b>	<b>592.2</b>	<b>684.7</b>	<b>722.4</b>
Passenger.....	1,347.5	1,432.2	1,722.5	1,860.4	1,951.5	385.2	395.6	444.6	527.6	533.2
Mail (incl. subsidy).....	74.7	81.8	95.0	113.1	54.3	42.8	47.1	49.0	56.1	64.4
Express and freight.....	68.6	77.6	91.2	102.8	114.5	42.0	45.4	51.8	58.7	63.3
Excess baggage.....	18.6	19.5	21.4	21.4	20.4	0.2	0.0	8.8	10.1	9.6
Other.....	20.7	25.1	25.0	31.7	104.8	28.8	33.8	37.9	32.1	52.0
<b>Operating expenses</b> .....	<b>1,489.0</b>	<b>1,538.7</b>	<b>1,848.3</b>	<b>2,091.4</b>	<b>2,226.8</b>	<b>480.5</b>	<b>519.6</b>	<b>573.7</b>	<b>639.5</b>	<b>686.4</b>
Aircraft.....	798.7	931.8	1,112.4	1,267.6	1,344.8	247.4	301.3	326.6	359.1	388.2
Flying operations.....	469.6	474.7	551.4	600.8	633.2	150.8	163.5	170.4	179.5	186.6
Direct maintenance flight equipment <sup>1</sup> .....	176.1	311.2	379.4	438.0	445.9	44.8	83.6	95.8	101.5	109.5
Depreciation flight equipment.....	153.0	145.9	181.6	228.8	265.7	51.8	54.2	60.4	78.1	92.2
Ground and indirect expense.....	690.3	606.9	736.0	823.7	882.0	233.1	218.3	247.1	280.2	298.1

<sup>1</sup> Beginning 1958, includes maintenance formerly reported as ground and indirect expense.

# No. 800. PERSONNEL OF DOMESTIC SCHEDULED AIR CARRIERS: 1940 to 1961

[Includes Hawaii, and, beginning 1960, Alaska. Beginning 1958, groups not strictly comparable with prior years, because of change in reporting procedures]

TYPE OF PERSONNEL	1940	1945	1950	1955	1958	1959	1960	1961 <sup>1</sup>
<b>Total</b> .....	<b>15,984</b>	<b>50,313</b>	<b>61,903</b>	<b>95,548</b>	<b>119,746</b>	<b>132,042</b>	<b>134,546</b>	<b>136,987</b>
Pilots and copilots.....	1,939	4,967	5,785	8,721	11,287	12,175	11,670	11,741
Other flight personnel.....	18	108	776	1,721	3,092	3,370	3,156	3,334
Purser, stewards, stewardesses.....	914	2,075	3,372	5,919	8,262	9,089	8,937	9,926
Meteorologists and dispatchers.....	193	2,075	2,450	2,548	2,970	3,240	3,161	2,728
Mechanics.....	4,054	10,844	16,788	23,776	24,996	26,884	28,303	28,360
Other hangar and field personnel.....	1,850	7,012	9,822	15,872	30,454	35,643	35,704	36,120
Office employees.....	6,885	19,241	21,804	34,148	25,368	26,940	27,959	28,885
All others.....	1,131	3,453	2,016	2,843	13,317	14,662	15,747	15,893

<sup>1</sup> Includes certain personnel chargeable to international operations.

Source of tables 799 and 800: Federal Aviation Agency and Civil Aeronautics Board. Published in *F.A.A. Statistical Handbook of Aviation*.

## No. 801. SUPPLEMENTAL AIR CARRIERS—SUMMARY OF OPERATIONS: 1954 TO 1960

[In thousands, except number of operators. Supplemental air carriers are those carriers operating by authority of letters of registration granted by the Civil Aeronautics Board. Includes international operations. Figures shown for military cover activities performed under charter or other contract with the Department of Defense]

ITEM	1954	1955	1956	1957	1958	1959	1960
Number of operators.....	(1)	50	48	37	35	31	30
Revenue-miles.....	35,769	40,330	42,381	32,942	36,825	38,670	40,498
Commercial.....	15,153	17,376	16,860	11,177	12,907	14,386	13,223
Military.....	20,616	22,954	26,521	21,765	23,918	24,284	36,273
Revenue passengers.....	695	789	663	535	676	859	1,048
Revenue passenger-miles.....	1,243,030	1,395,682	1,004,052	767,287	1,152,988	1,620,556	2,207,595
Commercial.....	585,410	716,096	628,876	429,807	595,191	769,332	671,694
Military.....	657,620	679,586	375,176	337,480	557,797	850,174	1,536,601
Available seat-miles.....	1,513,213	1,707,162	1,382,573	1,120,378	1,595,174	2,513,914	2,680,520
Revenue cargo ton-miles.....	52,087	74,601	110,377	86,707	80,195	84,570	120,400
Commercial.....	18,355	21,191	10,262	8,697	10,417	11,387	5,355
Military.....	33,732	53,410	91,115	78,010	78,778	73,183	115,045
Available ton-miles.....	230,865	307,932	268,712	216,267	263,068	311,332	411,010
Operating revenue.....	\$54,061	\$76,824	\$67,609	\$50,456	\$65,204	\$76,480	\$83,447
Transport.....	51,798	66,923	60,974	44,051	50,241	60,405	79,711
Passenger.....	18,325	20,494	17,984	10,701	15,966	21,734	19,919
Freight.....	4,274	3,743	3,134	874	1,651	1,305	407
Contract and charter:							
Commercial.....	3,250	6,993	6,507	7,585	10,995	13,889	11,591
Military.....	25,673	35,133	33,109	24,656	30,487	29,309	47,527
Other.....	276	560	240	235	142	158	267
Other than transport.....	2,863	9,901	6,635	6,405	5,963	10,075	3,736
Operating expenses.....	58,482	73,067	68,058	55,290	69,464	84,676	85,265
Direct flight.....	39,512	49,149	46,110	37,755	46,904	(1)	(1)
Other.....	18,970	23,918	21,948	17,535	22,560	(1)	(1)
Operating profit or loss.....	-3,821	3,757	-449	-4,834	-4,260	-8,196	-1,818

<sup>1</sup> Not available.

Source: Civil Aeronautics Board; records.

## No. 802. EMPLOYMENT, HOURS, AND EARNINGS IN AIRCRAFT INDUSTRIES (ANNUAL AVERAGES): 1948 TO 1961

ITEM	1948	1950	1955	1957	1958	1959	1960	1961
EMPLOYMENT <sup>1</sup> (1,000)								
Total.....	206.6	254.4	634.6	732.2	783.6	755.4	673.8	669.4
Aircraft.....	158.0	188.4	466.6	519.0	448.5	425.1	371.4	362.4
Aircraft engines and parts.....	48.6	57.0	168.0	213.2	184.3	182.0	170.5	182.5
Other aircraft parts and equipment <sup>2</sup> .....	(3)	(3)	(3)	(3)	150.8	148.3	131.9	124.5
HOURS AND EARNINGS								
Average weekly hours:								
Aircraft industries.....	41.2	41.4	41.4	40.8	40.5	40.1	40.6	41.1
Aircraft engines and parts industries.....	40.5	41.7	40.6	40.7	39.7	41.1	41.1	41.5
Average weekly earnings:								
Aircraft industries.....	\$60.36	\$67.15	\$89.84	\$95.88	\$101.66	\$105.86	\$110.03	\$114.26
Aircraft engines and parts industries.....	\$61.52	\$69.31	\$86.48	\$95.65	\$88.65	\$108.50	\$112.20	\$116.02
Average hourly earnings:								
Aircraft industries.....	\$1.46	\$1.62	\$2.17	\$2.35	\$2.51	\$2.64	\$2.71	\$2.78
Aircraft engines and parts industries.....	\$1.52	\$1.66	\$2.13	\$2.35	\$2.51	\$2.64	\$2.73	\$2.81

<sup>1</sup> Data for week ending nearest middle of month.

<sup>2</sup> Includes aircraft propellers and parts.

<sup>3</sup> Not available.

Source: Department of Labor, Bureau of Labor Statistics. Published in *FAA Statistical Handbook of Aviation*.

# **No. 803. DOMESTIC AIR CARGO—TON-MILES FLOWN, BY TYPE OF CARRIER:** 1950 TO 1961

[In thousands of ton-miles. Beginning 1955, includes Alaska and Hawaii. For scheduled combination and all-cargo carriers, comprises express and freight ton-miles; for supplemental carriers, freight only]

YEAR	Total, all carriers	SCHEDULED COMBINATION CARRIERS			SCHEDULED ALL-CARGO CARRIERS			Supple- mental carriers <sup>2</sup>
		Total	Sched- uled	Non- sched- uled <sup>1</sup>	Total	Sched- uled	Non- sched- uled <sup>1</sup>	
1950	229,039	152,327	150,718	1,609	63,599	58,420	5,179	13,113
1951	239,547	142,805	142,669	136	79,056	74,610	4,446	17,686
1952	256,375	159,673	159,614	159	86,447	81,829	4,618	10,255
1953	275,916	176,497	176,428	69	81,330	74,679	6,751	18,039
1954	272,725	180,721	186,615	106	62,295	58,089	4,206	23,709
1955	395,968	242,742	236,354	<sup>3</sup> 6,388	112,669	88,802	23,867	40,557
1956	484,321	283,393	265,324	<sup>3</sup> 18,069	142,123	103,522	38,601	58,805
1957	528,914	278,749	273,770	4,979	202,990	127,282	75,708	47,175
1958	532,103	299,814	296,916	2,898	170,979	92,717	78,262	61,310
1959	587,375	351,113	347,921	3,192	172,894	105,486	67,408	63,368
1960	637,948	389,439	386,034	2,505	136,539	89,564	46,975	111,070
1961	740,436	455,950	454,141	1,809	145,305	79,049	66,256	<sup>4</sup> 136,181

<sup>1</sup> Includes some military ton-miles and may include a small amount of international traffic.

<sup>2</sup> Civil and military. <sup>3</sup> Includes all classes of property transported in nonscheduled service.

<sup>4</sup> For the 12-month period ending September (latest figure available).

Source: Federal Aviation Agency and Civil Aeronautics Board, Office of Carrier Accounts and Statistics.

## **No. 804. CIVIL AIRCRAFT SHIPMENTS: 1948 TO 1961**

ITEM	1948	1950	1955	1957	1958	1959	1960	1961
Aircraft shipments.....	7,302	3,520	4,820	6,805	6,892	8,242	8,181	7,472
Under 3,000 lbs. airframe weight.....	7,039	3,391	4,575	6,208	6,622	7,798	7,671	( <sup>1</sup> )
3,000 lbs. airframe weight and over.....	263	129	245	597	269	444	510	( <sup>1</sup> )
Airframe weight, total.....1,000 lbs.	10,083	5,061	10,231	21,810	16,658	23,132	28,161	21,884
Value of complete units, total.....\$1,000..	114,207	100,067	271,250	700,331	500,540	899,637	1,240,978	985,336
Aircraft shipments, by size:								
1- and 2-place.....	3,302	1,029	786	1,178	1,012			( <sup>1</sup> )
3- to 5-place.....	3,737	2,362	3,586	4,783	5,355	7,588	7,493	( <sup>1</sup> )
Over 5-place.....	263	129	448	844	515	654	688	( <sup>1</sup> )
Aircraft shipments, by horsepower: <sup>2</sup>								
1 to 99.....	2,990	597		445	324			( <sup>1</sup> )
100 to 399.....	4,026	2,789	4,144	5,366	5,867	7,348	6,864	( <sup>1</sup> )
400 and over.....	286	134	676	994	601	894	1,817	( <sup>1</sup> )

<sup>1</sup> Not available. <sup>2</sup> Total rated horsepower of all engines.

## **No. 805. CIVIL AIRCRAFT EXPORTS: 1948 TO 1961**

[See also *Historical Statistics, Colonial Times to 1957*, series Q 349-350, for total number and value]

ITEM	1948	1950	1955	1957	1958	1959	1960	1961
NUMBER								
Total.....	1,275	756	1,714	2,025	1,639	1,628	2,336	2,456
New fixed-wing aircraft.....	1,026	456	848	1,294	1,027	1,104	1,690	1,843
Transports.....	91	48	95	204	127	65	159	118
Utility aircraft.....	935	408	749	1,086	896	1,033	1,628	1,645
Commercial and civilian, n.e.c. <sup>1</sup>			4	4	4	6	3	80
Used and surplus utility planes <sup>2</sup>	202	262						
Rebuilt, including converted.....			800	627	595	461	564	494
Rotary-wing aircraft.....	47	38	66	104	67	63	82	119
New air-cooled reciprocating engines <sup>3</sup>	460	205	897	1,516	1,552	948	1,464	1,575
VALUE (\$1,000)								
Total.....	44,121	44,287	129,924	248,943	204,051	152,984	537,126	334,786
New fixed-wing aircraft.....	41,536	42,697	88,574	193,797	158,669	124,992	503,740	294,046
Transports.....	37,395	40,444	81,144	180,651	146,436	107,619	480,126	262,548
Utility aircraft.....	4,141	2,253	7,422	13,141	12,108	14,500	23,692	27,526
Commercial and civilian, n.e.c. <sup>1</sup>			8	5	125	2,873	22	3,972
Used and surplus utility planes <sup>2</sup>	652	606						
Rebuilt, including converted.....			37,185	43,239	35,818	19,808	25,683	33,894
Rotary-wing aircraft.....	1,933	984	4,165	11,907	9,564	8,184	7,703	6,846
New air-cooled reciprocating engines <sup>3</sup>	326	201	2,016	3,860	4,312	2,448	3,716	4,398

<sup>1</sup> "N. e. c." means not elsewhere classified.

<sup>2</sup> Prior to 1955, excludes those of 3,000 pounds and over, empty airframe weight.

<sup>3</sup> Excludes those of 400 horsepower and over.

Source of tables 804 and 805: Department of Commerce, Bureau of the Census, and Federal Aviation Agency. Published in *F.A.A. Statistical Handbook of Aviation*.

No. 806. CIVIL AIRCRAFT, 1960, AIRPORTS AND FEDERAL-AID AIRPORT PROGRAM,  
1961, BY STATES AND OTHER AREAS

[As of December 31, except as noted]

STATE OR OTHER AREA	CIVIL AIRCRAFT <sup>1</sup>		AIRPORTS AND AIRFIELDS <sup>2</sup>			FEDERAL-AID AIRPORT PROGRAM <sup>4</sup> (\$1,000)		
	Total	Active	Total	General	Limited <sup>3</sup>	Total	Federal funds	Sponsor funds
<b>Total</b> .....	<b>111,580</b>	<b>78,760</b>	<b>7,715</b>	<b>3,274</b>	<b>4,441</b>	<b>1,183,067</b>	<b>570,517</b>	<b>612,550</b>
Alabama.....	1,095	783	85	44	41	17,192	8,580	8,603
Alaska.....	2,189	1,282	373	228	145	18,733	13,299	5,434
Arizona.....	1,787	1,230	133	51	82	13,071	9,482	8,589
Arkansas.....	1,441	982	97	50	47	8,023	4,250	4,364
California.....	14,704	10,022	448	218	230	110,318	51,331	58,987
Colorado.....	1,536	1,082	98	40	58	18,066	9,051	9,015
Connecticut.....	840	657	82	24	58	8,791	4,379	4,412
Delaware.....	348	260	17	10	7	1,140	577	572
District of Columbia.....	628	439	2	1				
Florida.....	4,332	2,691	168	108	60	40,442	10,495	20,947
Georgia.....	1,626	1,191	121	56	65	25,256	12,670	12,577
Hawaii.....	202	101	44	12	32	25,931	8,071	17,860
Idaho.....	1,020	748	172	34	138	5,506	3,054	2,452
Illinois.....	5,667	4,110	272	116	156	73,453	34,100	39,353
Indiana.....	2,949	2,145	140	97	43	21,377	10,333	11,044
Iowa.....	2,182	1,698	190	75	115	18,029	8,905	9,124
Kansas.....	2,586	1,862	220	81	139	8,821	4,332	4,489
Kentucky.....	831	633	40	26	14	19,013	9,258	9,755
Louisiana.....	1,854	1,268	175	51	104	33,842	15,408	18,434
Maine.....	552	392	133	39	94	4,876	2,411	2,465
Maryland.....	1,014	681	63	32	31	11,945	5,887	6,058
Massachusetts.....	1,496	1,017	109	58	51	27,197	13,200	13,988
Michigan.....	4,182	2,060	216	123	93	46,224	21,577	24,647
Minnesota.....	2,928	2,221	244	88	156	33,768	16,733	17,035
Mississippi.....	1,284	870	70	41	38	9,678	4,815	4,863
Missouri.....	2,656	1,944	186	72	114	33,660	16,516	17,144
Montana.....	1,357	1,054	170	46	124	7,270	3,910	3,860
Nebraska.....	1,676	1,291	179	58	121	12,428	6,181	6,247
Nevada.....	646	466	64	23	41	12,838	7,205	5,633
New Hampshire.....	302	199	33	18	15	2,348	1,172	1,170
New Jersey.....	2,245	1,480	112	62	50	22,762	9,830	12,926
New Mexico.....	1,225	909	100	39	61	7,193	4,007	3,186
New York.....	5,295	3,699	305	135	170	86,686	37,689	48,997
North Carolina.....	1,799	1,227	113	59	54	15,455	7,683	7,172
North Dakota.....	981	677	162	30	132	5,568	2,772	2,796
Ohio.....	4,836	3,413	359	146	213	50,428	24,487	25,936
Oklahoma.....	2,296	1,693	137	65	72	27,079	13,568	13,511
Oregon.....	2,123	1,535	156	50	106	16,365	8,366	8,009
Pennsylvania.....	3,792	2,644	427	138	289	69,025	33,103	36,517
Rhode Island.....	200	136	13	8	5	6,183	3,010	3,173
South Carolina.....	650	488	78	35	43	5,398	2,704	2,694
South Dakota.....	1,129	834	83	31	52	4,005	2,125	1,880
Tennessee.....	1,241	905	60	45	21	29,295	14,060	14,635
Texas.....	9,401	6,852	588	210	378	65,718	32,289	33,429
Utah.....	698	515	66	30	36	13,528	7,492	6,036
Vermont.....	159	99	28	9	19	1,779	855	894
Virginia.....	1,817	897	94	41	53	15,440	7,622	7,927
Washington.....	2,733	1,857	189	68	121	22,562	10,668	11,894
West Virginia.....	645	396	63	27	26	13,428	6,553	6,875
Wisconsin.....	2,157	1,544	170	81	89	25,526	12,447	13,079
Wyoming.....	616	451	69	23	46	4,205	2,438	1,857
Other areas.....	232	141	14	10	4			

<sup>1</sup> Includes gliders.

<sup>2</sup> Includes military airports with joint civil and military use. Airport type definitions: General use—airports serving as regular, alternate, or provisional stops for scheduled and large irregular carriers; non-air-carrier airports offering a minimum of services such as fuel and regular attendant during normal working hours; and airports operating seasonally which qualify under above definition. Limited use—airports available to public but not equipped to offer minimum services. Restricted use—use by general public prohibited except in case of forced landing or by previous arrangement.

<sup>3</sup> Includes restricted use airports, seaplane bases, and heliports.

<sup>4</sup> Cumulative since enactment of Federal Airport Act, May 16, 1946, through Dec. 31, 1961.

Source: Federal Aviation Agency; FAA Statistical Handbook of Aviation.

**NO. 807. PETROLEUM PIPELINE COMPANIES—SUMMARY OF SELECTED FINANCIAL DATA: 1930 TO 1960**

[In thousands of dollars, except miles of line operated. Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1987*, series Q 342, for miles of line operated]

YEAR	Miles of line operated	Investment in carrier property	Other investments	Total current assets	Pipeline operating revenues	Pipeline operating expenses	Pipeline operating income	Net income
1930.....	88,727	772,711	96,184	133,428	237,910	99,363	121,816	123,741
1935.....	92,037	763,009	119,071	46,949	197,368	89,364	79,586	78,240
1940.....	100,156	841,977	64,095	47,163	225,760	101,919	82,558	79,857
1942.....	106,485	918,848	44,525	81,259	245,061	123,507	58,332	56,845
1943.....	108,783	965,464	39,891	107,501	276,652	148,448	62,620	61,302
1944.....	111,615	1,000,741	62,707	104,160	310,194	172,368	67,840	65,715
1945.....	113,351	1,042,623	86,713	115,370	304,268	191,668	67,127	65,941
1946.....	116,544	1,100,454	69,991	103,819	293,723	183,869	56,485	56,094
1947.....	119,298	1,225,168	56,455	126,621	325,224	214,682	54,415	53,145
1948.....	124,092	1,381,402	52,168	168,020	377,034	252,071	58,806	56,679
1949.....	124,984	1,497,679	78,285	175,458	376,452	249,368	63,282	57,743
1950.....	128,589	1,656,973	100,798	192,291	441,627	254,701	89,047	81,303
1951.....	131,457	1,821,880	70,011	232,851	523,973	290,144	91,265	82,006
1952.....	132,715	2,064,405	107,412	322,677	562,268	310,211	111,053	96,650
1953.....	133,900	2,311,885	95,970	301,185	591,186	324,935	128,943	109,046
1954.....	138,982	2,501,330	67,451	315,731	617,463	331,834	149,845	124,400
1955.....	140,374	2,585,655	80,679	352,762	677,605	346,985	176,267	153,334
1956.....	142,686	2,716,234	82,453	367,633	737,386	370,787	188,272	178,457
1957.....	145,236	2,843,034	75,912	364,258	729,962	386,661	182,392	159,197
1958.....	144,354	2,948,598	194,855	347,369	720,670	389,678	190,748	161,838
1959.....	149,169	3,196,909	128,608	383,973	765,232	406,140	211,276	182,815
1960.....	151,968	3,299,501	113,504	393,028	770,417	417,640	198,911	169,398

Source: Interstate Commerce Commission; annual reports, *Statistics of Oil Pipe-Line Companies* and, beginning 1954, *Transport Statistics in the United States*, Part 6.

**NO. 808. PETROLEUM PIPELINES—OIL TRANSPORTED: 1945 TO 1960**

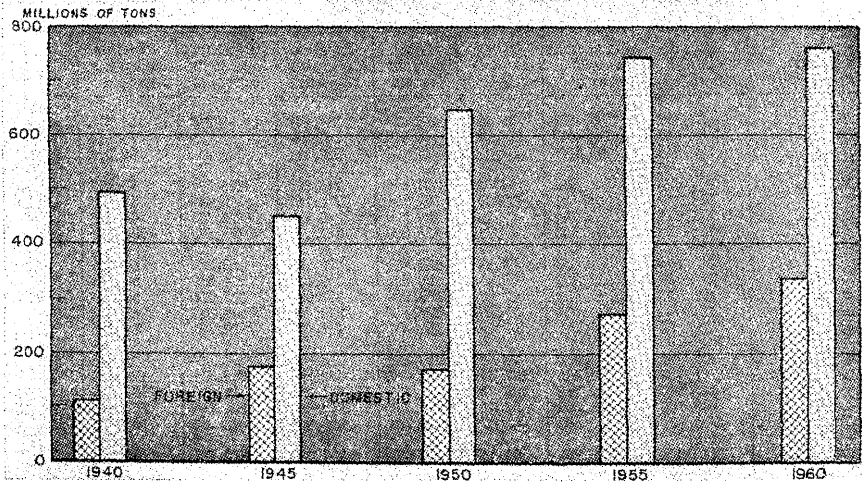
[Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1987*, series Q 343-344, for oil originated]

ITEM	1945	1950	1955	1957	1958	1959	1960
Number of companies.....	74	76	84	82	82	85	87
Mileage operated.....	113,351	128,589	140,374	145,236	144,354	149,169	151,968
Gathering lines.....	43,994	47,593	50,645	52,077	49,787	49,567	49,401
Trunk lines.....	69,357	80,996	89,729	93,159	94,567	99,592	102,567
Oil transported (million bbls.):							
Total received into system.....	2,379	2,766	4,058	4,485	4,313	4,665	4,783
From connecting carriers.....	937	944	1,434	1,635	1,543	1,634	1,636
Crude oil.....	869	879	1,299	1,470	1,361	1,423	1,402
Refined oils.....	78	65	134	165	182	211	234
Originated.....	1,442	1,822	2,624	2,850	2,775	3,031	3,147
Crude oil.....	1,292	1,525	2,038	2,183	2,018	2,182	2,239
Refined oils.....	150	297	586	668	757	849	909
Total delivered out of system.....	2,365	2,740	4,030	4,472	4,317	4,650	4,783
To connecting carriers.....	964	937	1,444	1,590	1,509	1,624	1,639
Crude oil.....	894	874	1,329	1,447	1,345	1,403	1,400
Refined oils.....	70	63	115	143	165	221	240
Terminated.....	1,401	1,803	2,595	2,883	2,807	3,035	3,144
Crude oil.....	1,244	1,510	1,992	2,195	2,034	2,201	2,253
Refined oils.....	157	293	603	688	773	834	891
Trunk-line movement (million bbls.):							
Crude oil.....	1,721	1,977	2,781	3,056	2,947	3,038	3,091
Refined oils.....	228	360	717	876	935	1,055	1,124
Trunk-line barrel-miles (billions):							
Crude oil.....	430	577	839	931	905	960	976
Refined oils.....	65	107	205	248	260	284	304

Source: Interstate Commerce Commission; annual reports, *Statistics of Oil Pipe-Line Companies* and, beginning 1955, *Transport Statistics in the United States*, Part 6.

FIG. XXXIV. WATERBORNE COMMERCE OF THE UNITED STATES: 1940 TO 1960

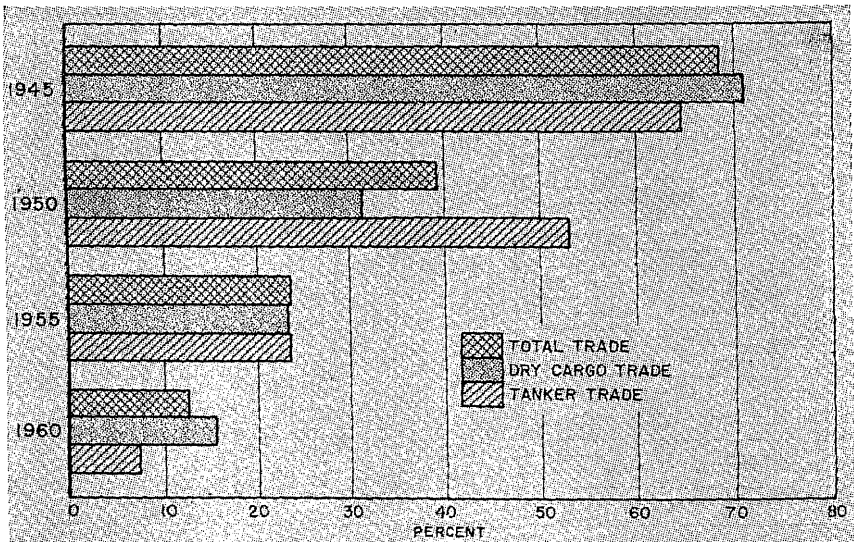
[See table 809]



Source: Chart prepared by Department of Commerce, Bureau of the Census. Data are from Department of the Army, Corps of Engineers.

FIG. XXXV. PERCENT OF CARGO TONNAGE ON U.S. FLAG VESSELS IN THE U.S. FOREIGN TRADE: 1945 TO 1960

[See table 811]



Source: Department of Commerce, Bureau of the Census.

## Section 22

### Waterways, Water Traffic, and Shipping

This section presents statistics concerning water transportation, including inland waterways and oceanborne commerce, the merchant marine, cargo and vessel tonnages, and shipbuilding. The principal sources of these data are the annual *Waterborne Commerce of the United States* and the *Annual Report of the Chief of Engineers*, Part 2, issued by the Corps of Engineers of the Department of the Army; the monthly and annual *U. S. Waterborne Foreign Trade*, issued by the Bureau of the Census; and the annual *Merchant Marine Statistics*, issued by the Bureau of Customs. Data in this field are also presented in *A Statistical Analysis of the World's Merchant Fleets*, issued periodically by the Maritime Administration of the Department of Commerce; *The Bulletin*, issued monthly by the American Bureau of Shipping; and the *Annual Summary of Merchant Ships Launched in the World* and the *Register Book* published by Lloyd's Register of Shipping, London, England. A basic source for historical data is *Foreign Commerce and Navigation of the United States*, issued annually through 1946 by the Bureau of the Census.

Data relating to merchandise exports and imports, their classification, dollar values, and countries of origin and destination may be found in section 31, Foreign Commerce.

**Units of measurement.**—Cargo tonnage and shipping weight both represent the gross weight of the cargo including the weight of containers, wrappings, crates, etc. 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. It represents substantially space available for cargo and passengers. The net tonnage capacity of a ship may bear little relation to weight of cargo. Dead-weight 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.

**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 at the first port which it enters in the United States, regardless of whether any cargo is unladen at that port. A vessel is reported as cleared from the last port where outward cargo is completed or where the vessel cleared in ballast. Army and Navy vessels entering or clearing without commercial cargo and vessels touching at a United States port in distress, or for other temporary causes without discharging cargo, are not included in the figures.

**Alaska and Hawaii.**—For a general statement concerning the treatment of data for Alaska and Hawaii, see preface.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics, Colonial Times to 1957*, series Q 216-229") provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

# No. 809. WATERBORNE COMMERCE OF THE UNITED STATES—CARGO TONNAGE, FOREIGN AND DOMESTIC: 1940 TO 1960

[In thousands of short tons. Includes Alaska, Hawaii, and outlying areas. Import and export figures differ slightly from those shown in tables 811 and 812, due to minor differences in basic concepts which are explained in the source. See also *Historical Statistics, Colonial Times to 1957*, series Q 216-229]

CLASS	1940	1945	1950	1955	1957	1958	1959	1960
Net total, foreign and domestic.....	607,900	618,906	820,584	1,016,136	1,131,401	1,004,516	1,052,402	1,099,850
Foreign commerce, total.....	111,255	172,094	169,225	271,103	358,539	308,851	325,670	339,277
Imports, through seaports.....	40,740	44,526	96,200	144,276	176,236	181,430	195,608	198,465
Exports, through seaports.....	49,568	100,333	43,640	95,404	146,800	101,555	61,629	104,810
Imports, Great Lakes ports.....	4,118	6,511	5,083	8,681	10,116	8,004	14,878	12,851
Exports, Great Lakes ports.....	16,829	20,724	23,603	22,742	25,298	17,811	20,555	23,150
Domestic commerce, net total <sup>1</sup> .....	496,645	446,812	651,359	745,033	772,862	695,665	726,732	760,573
Coastwise, between ports.....	187,027	90,705	182,544	195,718	196,419	194,050	205,500	209,197
Great Lakes, between ports.....	141,103	157,900	169,881	184,809	182,150	132,289	131,220	155,109
Local traffic of seaports, Great Lakes ports, and inland waterways ports.....	97,632	97,822	106,906	112,833	110,824	105,425	106,747	104,193
Traffic between ports and river ports <sup>2</sup> .....	70,217	87,073	190,789	249,693	281,066	261,069	282,269	291,057
Traffic between ports of outlying areas of the United States <sup>3</sup> .....			1,239	1,951	2,403	2,832	4,037	1,017

<sup>1</sup> For 1940 and 1945, approximate net total, excluding duplications in domestic traffic.

<sup>2</sup> Represents traffic among ports and communities mainly utilizing inland waterways.

<sup>3</sup> Included in other types of domestic traffic prior to 1950.

<sup>4</sup> Traffic confined to the States of Alaska and Hawaii transferred to other traffic categories as appropriate.

Source: Department of the Army, Corps of Engineers; figures through 1950, *Annual Report of Chief of Engineers*, Part 2; thereafter, *Waterborne Commerce of the United States*.

# No. 810. UNITED STATES RECEIPTS AND PAYMENTS FOR INTERNATIONAL TRANSPORTATION: 1947 TO 1961

[In millions of dollars. Includes Alaska and Hawaii. Data are international transportation transactions recorded for balance of payments purposes (see table 1195). 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 decrease. See also *Historical Statistics, Colonial Times to 1957*, series U 170 and U 177, for totals]

ITEM	1947	1950	1955	1956	1957	1958	1959	1960	1961 (prol.)
Total receipts.....	1,738	1,033	1,420	1,642	1,967	1,638	1,646	1,816	1,785
Ocean transportation.....	1,593	850	1,151	1,337	1,628	1,283	1,224	1,333	1,307
Export freight earnings.....	1,154	390	448	536	639	429	350	428	396
Privately controlled shipments:									
Coal.....	257	1	26	22	32	8	5	6	(1)
Grain.....	67	23	44	81	70	52	39	50	(1)
Other dry cargo.....	608	311	365	414	504	361	309	365	(1)
Tanker.....	29	12	12	19	33	8	6	7	(1)
Military-controlled shipments <sup>2</sup> .....	193	33	1						
Freight earnings on shipments between foreign countries.....	100	110	106	140	179	130	140	136	147
Passenger fares.....	39	20	23	25	24	24	20	19	13
Port expenditures.....	281	313	562	619	766	692	698	742	738
Charter hire.....	10	36	12	17	20	8	7	5	8
Other transportation.....	145	174	269	305	339	355	422	483	478
Total payments.....	583	818	1,204	1,407	1,569	1,636	1,759	1,942	1,942
Ocean transportation.....	456	643	946	1,116	1,217	1,247	1,209	1,410	1,498
Import freight payments.....	141	295	480	597	717	743	812	853	833
Dry cargo.....	133	255	358	423	517	545	674	704	(1)
Tanker.....	8	40	122	174	200	193	138	149	(1)
Passenger fares.....	47	121	138	154	133	166	183	212	207
Port expenditures.....	231	138	153	168	203	170	155	167	159
Charter hire.....	37	89	175	197	164	168	140	173	209
Other transportation.....	127	175	258	291	352	389	460	532	534
Receipts balance.....	1,155	215	216	235	398	2	-113	-126	-157

<sup>1</sup> Not available.

<sup>2</sup> Represents freight on economic aid only. Freight on military end items not included.

Source: Department of Commerce, Office of Business Economics; *Balance of Payments Statistical Supplement*, 1958 edition, a supplement to the *Survey of Current Business*; *Survey of Current Business*, June 1961, March 1962, and records.



# Waterborne Imports and Exports

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## No. 811. WATERBORNE IMPORTS AND EXPORTS—CARGO TONNAGE, BY FLAG OF CARRIER VESSEL: 1935 TO 1961

[In thousands of short tons. Prior to 1946, excludes cargoes (small in aggregate) carried by ships of less than 100 tons gross capacity. Beginning 1950, excludes U.S. Army and Navy cargo, and includes Alaska, Hawaii, and Puerto Rico. Beginning July 1950, excludes commodities classified for security reasons as "special category." For 1955 and beginning July 1956, exports exclude shipments under \$500 in value regardless of shipping weight; for January through June 1956, exclude those under \$1,000 regardless of shipping weight. For 1955 through 1957, imports exclude shipments under 2,000 pounds shipping weight regardless of value, as well as shipments valued at less than \$100 regardless of shipping weight. Beginning 1958, imports exclude only those shipments valued at less than \$100 regardless of shipping weight. See also *Historical Statistics, Colonial Times to 1957*, series Q 210-215]

YEAR	Total trade	Percent by U.S. flag	IMPORTS BY FLAG OF CARRIER VESSELS				EXPORTS BY FLAG OF CARRIER VESSELS			
			Total	U.S.	Foreign	Percent U.S.	Total	U.S.	Foreign	Percent U.S.
TOTAL										
1935-----	80,765	31.7	38,042	15,820	22,221	41.6	42,723	9,789	32,935	22.9
1940-----	105,596	28.7	44,667	17,322	27,345	38.8	60,920	12,039	47,900	21.2
1945 <sup>1</sup> -----	101,030	68.4	39,426	31,415	8,011	79.7	61,603	37,729	23,874	61.2
1950-----	159,389	39.3	96,703	42,268	54,435	43.7	62,685	20,379	42,306	32.5
1955-----	253,910	23.5	141,123	37,400	103,715	26.5	112,796	22,144	90,652	19.6
1956-----	305,754	21.9	160,382	39,762	120,620	24.8	145,372	27,424	117,948	18.9
1957-----	337,826	18.8	172,030	34,558	137,472	20.1	165,706	29,092	136,704	17.5
1958-----	290,353	13.5	175,605	20,628	154,977	11.7	114,748	18,686	96,062	16.3
1959-----	308,762	11.9	200,481	19,219	181,262	9.5	108,281	17,724	90,557	16.3
1960-----	322,717	12.3	198,830	19,627	179,203	9.9	123,887	20,133	103,754	16.3
1961-----	316,101	10.6	188,313	15,188	173,125	8.1	127,788	18,471	109,317	14.5
DRY CARGO										
1945 <sup>1</sup> -----	63,083	70.9	21,716	17,053	4,663	78.5	41,367	27,672	13,695	66.9
1950-----	100,189	31.2	40,611	14,823	25,788	31.8	53,578	16,420	37,149	30.7
1955-----	169,231	23.2	68,437	19,855	48,582	29.0	100,794	19,762	81,032	19.6
1956-----	208,708	21.7	79,787	21,125	58,662	26.4	128,921	24,197	104,723	18.8
1957-----	229,544	19.6	86,868	19,607	67,261	22.6	142,676	25,396	117,280	17.8
1958-----	184,594	16.2	79,942	13,602	66,340	17.0	104,652	16,341	88,311	15.6
1959-----	194,066	15.6	98,515	14,679	83,836	14.9	96,451	15,870	80,581	16.4
1960-----	202,497	15.2	94,931	13,813	81,118	14.6	107,566	16,980	90,586	15.8
1961-----	196,497	13.8	84,831	10,948	73,883	13.0	112,166	16,088	96,079	14.3
TANKER CARGO										
1945 <sup>1</sup> -----	37,947	64.4	17,711	14,362	3,349	81.1	20,236	10,058	10,179	49.7
1950-----	59,199	53.9	50,092	27,445	22,647	54.8	9,107	3,950	5,157	43.4
1955-----	84,688	23.5	72,686	17,554	55,133	24.2	12,002	2,382	9,620	19.8
1956-----	97,046	22.4	80,595	18,637	61,958	23.1	16,451	3,227	13,224	19.6
1957-----	108,282	17.2	85,162	14,951	70,211	17.6	23,120	3,697	19,423	16.0
1958-----	105,760	8.9	95,664	7,026	88,638	7.3	10,096	2,345	7,751	23.2
1959-----	113,796	5.6	101,966	4,540	97,426	4.5	11,830	1,854	9,976	15.7
1960-----	120,219	7.5	103,898	5,814	98,084	5.6	10,321	3,153	13,168	19.3
1961-----	119,604	5.5	103,983	4,241	99,742	4.1	15,622	2,384	13,238	15.3

<sup>1</sup> Excludes U.S. Army and Navy cargo, and Great Lakes.

## No. 812. WATERBORNE IMPORTS AND EXPORTS—CARGO TONNAGE, BY COASTAL DISTRICT: 1945 TO 1961

[In thousands of short tons. See headnote, table 811]

DISTRICT	1945	1950	1955	1957	1958	1959	1960	1961
<b>IMPORTS</b>								
Atlantic ports-----	30,748	76,062	105,990	123,151	125,366	137,612	135,313	125,643
Gulf ports-----	5,675	10,930	17,345	21,920	26,288	28,241	27,304	27,018
Pacific ports-----	3,003	4,095	9,038	16,840	16,071	19,906	23,281	23,683
Great Lakes ports-----	-----	5,616	8,751	10,119	7,880	14,822	12,932	11,070
<b>EXPORTS</b>								
Atlantic ports-----	39,609	15,228	54,906	83,947	55,648	41,478	44,902	44,568
Gulf ports-----	14,737	16,818	22,500	39,057	27,674	31,394	36,730	40,098
Pacific ports-----	7,298	7,270	13,594	18,579	14,089	14,897	19,351	20,142
Great Lakes ports-----	-----	23,370	21,996	24,213	17,336	20,512	22,905	22,980

Source of tables 811 and 812: Department of Commerce, Bureau of the Census; *Foreign Commerce and Navigation of the United States*, releases, and records.

# NO. 813. WATERBORNE IMPORTS—SHIPPING WEIGHT ON DRY-CARGO AND TANKER VESSELS, BY TRADE AREA: 1959 TO 1961

[In thousands of short tons. Represents general imports. See headnote, table 811]

TRADE AREA	1959			1960			1961		
	Total	On U.S. vessels	Per-cent U.S.	Total	On U.S. vessels	Per-cent U.S.	Total	On U.S. vessels	Per-cent U.S.
<b>DRY CARGO</b>									
Trade area.....	98,514.4	14,679.4	14.9	94,931.3	13,813.1	14.6	84,331.0	10,947.8	13.0
Foreign except Canadian.....	70,566.1	10,331.7	14.6	70,784.3	10,231.1	14.5	61,074.2	8,009.5	13.1
Caribbean.....	31,666.3	2,405.2	7.6	32,806.8	2,408.7	7.3	27,158.0	2,165.4	8.1
East Coast South America.....	3,733.7	849.9	22.8	3,717.7	803.9	21.6	3,103.7	700.8	22.5
West Coast South America.....	9,043.5	1,988.9	21.7	9,704.2	2,342.5	24.1	7,066.0	1,002.9	14.5
West Coast Central America and Mexico.....	1,530.3	320.5	20.9	1,751.0	260.0	14.8	1,936.0	207.9	13.8
Gulf Coast Mexico.....	1,118.3	45.7	4.1	1,413.7	159.6	11.3	1,584.9	64.7	4.1
United Kingdom and Eire.....	1,442.8	417.6	28.9	1,260.1	360.4	28.6	1,057.1	262.4	27.7
Baltic, Scandinavia, Iceland and Greenland.....	1,805.7	101.6	5.6	1,527.7	85.2	5.6	1,443.8	78.3	5.4
Bayonne-Hamburg Range.....	6,220.5	609.4	9.2	4,809.2	401.0	8.3	4,632.1	352.1	7.6
Portugal and Spanish Atlantic.....	352.8	37.3	10.6	396.3	50.0	12.6	342.7	57.2	16.7
Azores, Mediterranean, and Black Sea.....	2,033.7	531.1	26.1	1,913.7	443.4	23.2	1,686.0	422.0	25.0
West Coast Africa.....	2,290.4	205.9	9.0	2,261.5	289.0	12.8	1,929.6	325.5	16.9
South and East Africa.....	1,726.3	748.4	43.4	1,671.9	658.1	39.4	1,698.4	583.6	35.1
Australasia.....	836.2	241.6	28.9	593.1	188.2	31.7	759.6	150.0	24.7
India, Persian Gulf, and Red Sea.....	1,353.1	474.5	35.1	1,511.4	480.4	31.8	1,168.9	329.6	28.2
Malaya and Indonesia.....	584.4	237.8	40.7	473.1	209.3	44.2	460.1	205.0	44.7
South China, Taiwan, and Philippines.....	2,073.6	577.4	21.6	2,741.9	529.1	19.3	3,034.1	325.8	10.7
North China, including Shanghai and Japan.....	2,144.0	608.5	28.4	2,141.5	562.5	26.3	2,016.1	428.1	21.2
Canadian.....	27,948.4	4,347.7	15.6	24,147.0	3,582.0	14.8	23,256.6	2,938.3	12.6
Pacific Canada.....	2,872.6	634.4	22.1	3,301.6	573.2	17.4	3,539.1	369.5	11.3
Great Lakes Canada.....	8,040.5	2,608.2	32.4	7,953.7	2,305.9	29.0	7,137.1	2,332.4	32.8
Atlantic Canada and Newfoundland.....	17,029.3	1,105.0	6.5	12,886.7	702.9	5.5	12,580.7	199.1	1.6
<b>TANKER CARGO</b>									
Trade area.....	101,966.6	4,539.3	4.5	103,898.4	5,813.8	5.6	103,982.5	4,240.5	4.1
Foreign except Canadian.....	101,440.3	4,480.9	4.4	103,415.7	5,699.4	5.5	103,703.3	4,149.6	4.0
Caribbean.....	74,170.3	4,161.3	5.6	78,357.1	5,207.1	6.6	76,770.1	3,581.6	4.7
East Coast South America.....	168.7	---	---	118.8	---	---	404.9	---	---
West Coast South America.....	37.6	---	---	38.9	---	---	65.1	---	---
West Coast Central America and Mexico.....	73.4	31.2	42.5	42.1	7.1	16.9	260.1	104.9	40.3
Gulf Coast Mexico.....	2,432.9	75.4	3.1	1,278.7	---	---	2,666.8	---	---
United Kingdom and Eire.....	211.1	---	---	57.1	---	---	93.6	---	---
Baltic, Scandinavia, Iceland, and Greenland.....	26.6	---	---	13.1	---	---	19.0	---	---
Bayonne-Hamburg Range.....	240.5	28.4	11.8	186.3	---	---	290.1	---	---
Portugal and Spanish Atlantic.....	29.9	---	---	---	---	---	12.3	12.3	100.0
Azores, Mediterranean, and Black Sea.....	3,602.0	---	---	3,939.6	21.6	0.5	3,194.8	4.7	0.1
West Coast Africa.....	27.0	---	---	---	---	---	49.9	---	---
South and East Africa.....	---	---	---	---	---	---	77.6	---	---
Australasia.....	6.0	6.0	100.0	---	---	---	---	---	---
India, Persian Gulf, and Red Sea.....	16,548.2	144.4	0.9	15,016.1	377.6	2.5	15,935.1	438.3	3.1
Malaya and Indonesia.....	3,609.5	17.1	0.5	4,126.3	68.4	1.7	3,496.6	---	---
South China, Taiwan, and Philippines.....	58.8	16.8	28.6	34.1	17.1	50.1	---	---	---
North China, including Shanghai and Japan.....	197.8	---	---	200.6	---	---	367.9	7.6	2.1
Canadian.....	526.2	58.9	11.2	432.6	114.1	26.6	279.1	90.6	32.5
Pacific Canada.....	415.5	47.5	11.4	379.1	94.5	25.0	182.1	79.6	43.7
Great Lakes Canada.....	76.5	11.4	14.0	101.3	18.1	17.9	42.7	11.2	26.2
Atlantic Canada and Newfoundland.....	34.3	---	---	2.1	1.8	85.7	54.2	---	---

Source: Department of Commerce, Bureau of the Census; current summary reports, FT 985, *Waterborne Foreign Trade Statistics*.

**No. 814. WATERBORNE EXPORTS—SHIPPING WEIGHT ON DRY-CARGO AND TANKER VESSELS, BY TRADE AREA: 1959 to 1961**

[In thousands of short tons. Covers domestic and foreign merchandise. See headnote, table 811]

TRADE AREA	1959			1960			1961		
	Total	On U.S. vessels	Per-cent U.S.	Total	On U.S. vessels	Per-cent U.S.	Total	On U.S. vessels	Per-cent U.S.
<b>DRY CARGO</b>									
Trade area.....	96,451.5	15,869.6	16.4	107,566.4	16,980.3	15.8	112,166.2	16,087.7	14.3
Foreign except Canadian.....	78,114.6	11,510.5	14.7	87,601.4	13,704.9	15.6	92,348.0	13,912.8	15.1
Caribbean.....	4,406.9	944.4	21.4	3,685.3	644.6	17.5	2,696.6	408.4	15.1
East Coast South America.....	3,187.8	592.4	18.6	3,092.9	509.1	13.8	4,574.2	1,097.3	24.0
West Coast South America.....	1,269.0	497.3	39.5	1,732.4	537.8	31.0	1,992.7	747.0	38.1
West Coast Central America and Mexico.....	236.8	84.2	35.6	287.3	78.7	30.6	284.3	59.8	21.0
Gulf Coast Mexico.....	290.6	12.1	4.2	387.0	4.4	1.1	376.3	9.3	2.5
United Kingdom and Eire.....	5,980.6	729.6	12.2	7,129.3	1,014.6	14.2	5,307.3	512.6	9.7
Baltic, Scandinavia, Iceland, and Greenland.....	4,014.9	437.8	10.9	4,538.4	593.8	13.1	3,329.1	164.3	4.9
Bayonne-Hamburg Range.....	21,098.7	1,004.3	4.8	19,829.4	1,354.6	6.8	18,148.2	843.8	4.6
Portugal and Spanish Atlantic.....	1,108.7	329.9	29.8	989.4	207.9	21.0	1,409.4	274.9	19.4
Azores, Mediterranean, and Black Sea.....	13,353.8	2,363.1	17.7	14,342.8	2,277.3	15.9	17,611.8	3,447.0	19.6
West Coast Africa.....	665.1	218.0	38.6	708.6	263.6	37.2	1,241.8	583.7	47.0
South and East Africa.....	637.7	293.7	46.1	683.8	356.0	52.1	667.9	428.7	64.2
Australasia.....	774.4	46.1	6.0	1,182.2	205.5	17.4	876.3	149.6	17.1
India, Persian Gulf, and Red Sea.....	4,210.0	1,816.1	43.1	6,580.6	2,000.5	44.1	5,372.1	2,317.1	43.1
Malaya and Indonesia.....	356.9	117.7	33.0	464.6	189.2	40.7	540.3	187.1	34.6
South China, Taiwan, and Philippines.....	1,868.1	863.1	46.2	2,181.2	963.1	44.2	2,564.0	995.8	38.8
North China, including Shanghai and Japan.....	14,764.4	1,100.3	7.9	19,216.2	1,004.1	8.3	25,385.7	1,680.4	6.6
Canadian.....	18,356.8	4,359.1	23.8	19,965.1	3,275.3	16.4	19,818.2	2,175.0	11.0
Pacific Canada.....	194.1	52.3	26.9	257.8	57.1	22.1	221.6	41.2	18.6
Great Lakes Canada.....	17,005.8	4,293.1	25.2	18,091.7	3,145.9	17.4	15,914.3	2,054.1	12.9
Atlantic Canada and Newfoundland.....	1,136.9	13.6	1.2	1,015.6	72.4	4.5	3,682.4	79.5	2.2
<b>TANKER CARGO</b>									
Trade area.....	11,829.9	1,853.3	15.7	16,320.6	3,152.9	19.3	15,622.1	2,384.1	15.3
Foreign except Canadian.....	10,278.3	1,108.7	10.8	15,140.2	2,586.5	17.1	14,805.0	1,876.5	12.7
Caribbean.....	472.4	55.5	11.7	431.2	36.0	8.3	478.1	26.6	5.6
East Coast South America.....	381.3	140.9	37.0	919.7	379.1	41.2	746.3	270.3	36.2
West Coast South America.....	209.6	-----	-----	119.2	-----	-----	31.6	-----	-----
West Coast Central America and Mexico.....	225.0	-----	-----	52.6	-----	-----	4.3	-----	-----
Gulf Coast Mexico.....	18.2	3.7	20.3	17.1	9.3	54.4	8.6	-----	-----
United Kingdom and Eire.....	1,129.3	9.6	0.9	876.8	-----	-----	714.6	-----	-----
Baltic, Scandinavia, Iceland, and Greenland.....	261.2	2.0	0.8	885.3	488.3	55.2	512.6	263.3	51.4
Bayonne-Hamburg Range.....	2,814.5	42.7	1.5	4,839.4	9.8	0.2	5,188.6	-----	-----
Portugal and Spanish Atlantic.....	102.1	27.6	27.0	178.0	51.4	28.9	145.4	37.3	25.7
Azores, Mediterranean, and Black Sea.....	497.3	230.5	47.6	1,045.3	423.8	40.5	2,089.6	690.3	33.0
West Coast Africa.....	69.5	-----	-----	29.6	2.2	7.4	17.8	5.2	29.2
South and East Africa.....	41.5	-----	-----	86.1	-----	-----	80.6	-----	-----
Australasia.....	123.8	16.4	13.2	144.6	20.0	18.0	175.5	31.9	18.2
India, Persian Gulf, and Red Sea.....	1,225.7	573.8	46.8	2,140.8	1,147.6	53.6	1,316.3	477.5	36.3
Malaya and Indonesia.....	-----	-----	-----	25.9	-----	-----	46.6	-----	-----
South China, Taiwan, and Philippines.....	41.8	-----	-----	39.5	-----	-----	63.6	-----	-----
North China, including Shanghai and Japan.....	2,064.2	-----	-----	3,308.8	13.1	0.4	3,184.3	74.1	2.3
Canadian.....	1,551.6	744.6	48.0	1,180.1	566.1	48.0	817.1	507.6	62.1
Pacific Canada.....	609.4	361.4	59.3	638.6	402.1	63.0	570.3	405.3	71.1
Great Lakes Canada.....	752.1	381.2	50.7	413.2	164.1	39.7	189.4	94.0	49.6
Atlantic Canada and Newfoundland.....	190.1	2.0	1.1	128.4	-----	-----	57.5	8.4	14.6

Source: Department of Commerce, Bureau of the Census; current summary reports, FT 985, *Waterborne Foreign Trade Statistics*.

# NO. 815. WATERBORNE EXPORTS AND IMPORTS—VALUE OF TRADE, BY COASTAL DISTRICT: 1958 TO 1960

[In millions of dollars. Includes trade of Alaska, Hawaii, and Puerto Rico with foreign countries]

TYPE OF VESSEL AND DISTRICT	TOTAL TRADE			EXPORTS			IMPORTS		
	1958	1959	1960	1958	1959	1960	1958	1959	1960
Total.....	20,576	22,388	24,047	10,948	10,776	13,163	9,628	11,612	10,884
Atlantic.....	13,376	14,216	14,784	6,506	6,081	6,991	6,870	8,135	7,793
Dry cargo.....	12,055	12,934	13,498	6,435	6,011	6,897	6,620	8,023	6,601
Tanker.....	1,321	1,281	1,286	71	69	94	1,250	1,212	1,192
Gulf.....	4,026	4,270	5,074	2,820	2,882	3,738	1,197	1,388	1,336
Dry cargo.....	3,709	3,849	4,393	2,623	2,542	3,135	1,086	1,307	1,258
Tanker.....	317	421	681	206	340	603	111	81	78
Pacific.....	2,498	2,856	3,050	1,260	1,246	1,754	1,239	1,610	1,290
Dry cargo.....	2,223	2,580	2,707	1,165	1,151	1,632	1,058	1,429	1,075
Tanker.....	275	276	343	94	95	122	181	181	221
Great Lakes.....	674	1,047	1,139	353	508	680	321	479	559
Dry cargo.....	653	1,001	1,075	334	531	625	319	470	450
Tanker.....	22	47	65	19	38	56	3	9	9

Source: Department of Commerce, Bureau of the Census; *United States Foreign Waterborne Commerce*, annual review.

# NO. 816. WATERBORNE EXPORTS AND IMPORTS—SHIPPING WEIGHT OF PRINCIPAL COMMODITIES IN OCEANBORNE TRADE: 1959 AND 1960

[In thousands of short tons. Includes trade of Alaska, Hawaii, and Puerto Rico with foreign countries. Export data exclude shipments of under \$500 in value. Import data exclude shipments of under \$100 in value. "N.e.c." means not elsewhere classified]

COMMODITY	1959	1960	COMMODITY	1959	1960
EXPORTS			IMPORTS		
Bituminous coal and lignite.....	24,835	24,004	Crude petroleum.....	53,894	56,245
Wheat.....	10,351	14,550	Residual fuel oil.....	36,355	37,803
Iron and steel scrap.....	3,886	5,669	Iron ore and concentrates.....	29,799	29,604
Corn.....	4,868	4,694	Aluminum ores and concentrates.....	10,124	10,578
Phosphate rock.....	3,489	4,079	Gypsum or plaster rock.....	5,924	5,201
Soybeans, inedible.....	3,091	3,417	Sugar.....	4,552	4,702
Residual fuel oil.....	3,348	3,021	Petroleum products, n.e.c.....	3,670	3,333
Grain sorghums.....	2,877	2,619	Iron and steel mill products.....	4,067	3,274
Iron and steel mill products.....	1,336	2,320	Manganese.....	2,561	2,742
Lubricating oils and greases.....	2,013	2,297	Molasses, inedible.....	1,523	2,547
Sulphur.....	1,783	1,908	Bananas.....	1,766	1,970
Wheat flour and semolina.....	1,308	1,888	Coffee, raw or green.....	1,551	1,475
Cotton, unmanufactured.....	1,062	1,886	Chrome.....	1,509	1,428
Barley and rye.....	2,213	1,560	Standard newsprint paper.....	1,342	1,425
Gas oil and distillate fuel oil.....	1,464	1,221	Lumber and shingles.....	1,428	1,338
Wood pulp.....	604	1,108	Gas oil and distillate fuel oil.....	2,059	1,298
Rice.....	762	1,094	Petroleum asphalt.....	1,195	1,155
Coke, including petroleum coke.....	713	987	Pulpwood.....	949	1,104
Iron ore and concentrates.....	578	948	Non-metallic minerals and man- ufactures, n.e.c.....	973	806
Lumber and shingles.....	655	889	Wood pulp.....	876	736
Inedible animal products, n.e.c.....	809	888	Sulphur.....	666	669
Chemical specialties, n.e.c.....	753	881	Salt.....	405	555
Industrial chemicals, n.e.c.....	1,235	853	Nitrogenous fertilizer.....	887	616
Animal feeds, n.e.c.....	847	743	Building cement.....	694	614
Paper and manufactures, n.e.c.....	622	703	Copper ores and concentrates.....	576	556

Source: Department of Commerce, Bureau of the Census; *United States Foreign Waterborne Commerce*, annual review.

## No. 817. COMMERCE OF SELECTED UNITED STATES PORTS: 1960

[In thousands of short tons (cargo). Excludes Great Lakes. In addition to commerce here shown, many ports have (a) commerce with ports on internal rivers and canals; (b) purely local port traffic]

PORT	Im-ports	Ex-ports	COASTWISE		PORT	Im-ports	Ex-ports	COASTWISE	
			Re-ceipts	Ship-ments				Re-ceipts	Ship-ments
<b>Total</b> <sup>1</sup>	198,466	104,810	209,114	209,169	<b>GULF COAST PORTS</b>				
<b>ATLANTIC COAST PORTS</b>					Charlotte Harbor, Fla.	91	222	135	670
Portland Harbor, Maine	12,407	119	3,171	387	Tampa Harbor, Fla.	966	4,381	5,415	1,782
Portsmouth Harbor, N. H.	650	3	744		Port St. Joe Harbor, Fla.		16	1,595	
Salmon Harbor, Mass.	127		1,254	2	Panama City Harbor, Fla.	36	141	272	4
Boston, Mass.	5,510	933	10,740	813	Pensacola Harbor, Fla.	75	65		15
New Bedford and Fairhaven Harbor, Mass.	50	(2)	114	7	Mobile Harbor, Ala.	6,442	1,786	389	1,547
Fall River Harbor, Mass.	595	(2)	1,437	53	New Orleans, La.	5,423	9,144	930	12,408
Providence River and Harbor, R. I.	1,156	110	5,878	489	Baton Rouge, La.	3,767	3,422	313	8,049
					Lake Charles, La. <sup>3</sup>	163	720	1,299	7,445
					Galveston, Tex.	299	4,684	116	371
					Texas City, Tex.	179	350	453	6,865
					Houston, Tex.	2,921	6,981	1,318	25,600
New London Harbor, Conn.	479	(2)	509	55	Corpus Christi, Tex.	3,759	1,665	149	9,600
New Haven Harbor, Conn.	1,044	2	5,521	1,121	Harbor Island, Tex.	64	(2)		4,397
Bridgeport Harbor, Conn.	413	113	1,292	270	Freeport Harbor, Tex.	18	174	33	1,914
Norwalk Harbor, Conn.			588		Brazos Island Harbor, Tex.	83	307	67	502
Stamford Harbor, Conn.			729	60	Beaumont, Tex.	318	873	1,325	17,013
Port of New York, N.Y., and N.J.	37,455	7,584	42,812	13,775	Port Arthur, Tex.	111	2,627	3,290	18,458
Hempstead Harbor, N.Y.			1,795	4,105	<b>PACIFIC COAST PORTS</b>				
Huntington Harbor, N.Y.			496		San Diego Harbor, Calif.	358	134	1,522	9
Port Jefferson Harbor, N.Y.	13		1,249	23	Long Beach Harbor, Calif.	2,498	2,266	957	3,211
Port of Albany, N.Y.	487	374	4,080	16	Los Angeles Harbor, Calif.	4,984	3,181	5,336	8,306
Delaware River and tributaries	43,603	2,736	28,429	7,542	San Francisco Bay Area, Calif.	6,907	4,720	12,196	10,507
Baltimore Harbor and Channels, Md.	20,176	4,907	6,980	1,664	Crescent City Harbor, Calif.			179	153
Norfolk Harbor, Va.	2,832	17,490	6,171	3,903	Humboldt Harbor and Bay, Calif.	(2)	130	193	83
					Stockton, Calif.	104	1,642	164	350
Port of Newport News, Va.	2,023	8,557	25	1,586	Coos Bay, Oreg.	1	433	271	672
Morehead City Harbor, N.C.	217	77	227	23	Portland, Oreg.	569	2,790	5,227	290
Port of Wilmington, N.C.	472	282	2,998	32	Astoria, Oreg.	14	84	95	38
Charleston Harbor, S.C.	1,346	471	2,399	219	Vancouver, Wash.	31	1,073	171	89
Savannah Harbor, Ga.	1,899	616	1,503	133	Longview, Wash.	131	1,165	377	104
Jacksonville Harbor, Fla.	2,055	328	3,331	221	Tacoma Harbor, Wash.	578	1,202	677	254
Palm Beach Harbor, Fla.	420	177	18		Seattle Harbor, Wash.	975	1,266	3,525	751
Port Everglades Harbor, Fla.	878	128	3,129	136	Bellingham Bay and Harbor, Wash.	679	84	26	63
					Port Angeles Harbor, Wash.	198	50	205	21
Miami Harbor, Fla.	342	124	360	47	Seward Harbor, Alaska	(2)		505	112
San Juan Harbor, P. R.	1,827	66	1,327	753	Honolulu Harbor, Hawaii	675	114	3,211	1,142
Mayaguez Harbor, P. R.	42	7	129	68	Kahului Harbor, Maui, Hawaii	3	13	260	362
Ponce Harbor, P. R.	76	26	197	429	Hilo Harbor, Hawaii	1	5	358	444
					Nawiliwili Harbor, Hawaii	1	4	95	276

<sup>1</sup> Includes data for ports not shown separately.

<sup>2</sup> Less than 500 tons.

<sup>3</sup> Includes Calcasieu River and Pass.

Source: Department of the Army, Corps of Engineers; *Waterborne Commerce of the United States*.

## No. 818. COMMERCE OF SELECTED GREAT LAKES PORTS: 1950 TO 1960

[In thousands of short tons (cargo). Comprises foreign, lakewise, and coastwise shipping]

PORT	RECEIPTS				SHIPMENTS			
	1950	1955	1959	1960	1950	1955	1959	1960
<b>Total</b> .....	175,637	193,591	146,187	168,043	193,511	207,688	151,817	178,287
Ashland Harbor, Wis.....	685	451	394	404	5,422	4,527	1,459	1,170
Ashtabula, Ohio.....	10,447	9,455	8,224	7,773	3,302	3,586	3,170	2,450
Buffalo, N. Y., Port of.....	16,458	19,318	12,588	15,595	2,417	2,436	1,190	1,226
Chicago, Ill., Port of.....	15,813	16,872	12,247	12,303	4,093	6,349	9,192	8,411
Cleveland, Ohio.....	17,375	19,744	11,740	17,113	382	358	581	451
Conneaut Harbor, Ohio.....	9,562	14,139	4,652	6,570	2,522	994	504	588
Detroit, Mich., Port of.....	21,060	24,205	24,011	25,334	1,268	1,626	1,805	1,892
Duluth-Superior, Minn. and Wis.....	10,117	7,142	5,504	5,155	53,009	61,156	25,868	37,512
Indiana Harbor, Ind.....	10,355	13,695	8,382	12,116	5,182	6,386	6,859	7,059
Lorain Harbor, Ohio.....	8,153	5,563	2,950	5,036	3,264	2,258	1,478	1,659
Milwaukee Harbor, Wis.....	7,357	7,157	7,226	6,861	1,421	1,532	1,572	1,647
Sandusky Harbor, Ohio.....	1	1	49	38	9,822	7,961	6,393	5,616
Toledo Harbor, Ohio.....	4,604	6,504	6,568	5,870	29,307	28,710	26,852	27,815
Two Harbors (Agate Bay), Minn.....	216	99			18,948	19,004	9,080	15,266
All other.....	43,368	49,156	43,562	47,875	53,122	60,705	55,814	65,525

Source: Department of the Army, Corps of Engineers; 1950, *Annual Report of the Chief of Engineers*, Part 2; thereafter, *Waterborne Commerce of the United States*.

## No. 819. FREIGHT CARRIED ON INLAND WATERWAYS, BY SYSTEM: 1940 TO 1960

[In millions of ton-miles. Excludes Alaska and Hawaii]

SYSTEM	1940	1945	1950	1955	1959	1960
<b>Total</b> .....	118,057	142,737	163,344	216,508	196,559	220,122
Atlantic coast rivers.....	1,859	1,036	6,497	27,042	29,068	28,452
Gulf coast rivers.....	593	345	1,229	13,860	10,565	16,632
Pacific coast rivers.....	1,229	1,555	1,686	4,736	5,311	6,091
Mississippi River System <sup>1</sup> .....	13,934	19,595	33,598	52,019	65,721	69,257
Other waterways <sup>2</sup> .....	10	9	8	5	13	12
Canals and connecting channels <sup>3</sup> .....	4,787	7,168	8,639			
Great Lakes system.....	95,645	113,023	111,687	118,845	79,880	99,468

<sup>1</sup> Comprises main channels and all tributaries of the Mississippi, Illinois, Missouri, and Ohio Rivers.

<sup>2</sup> Beginning 1959, includes Alaskan waterways.

<sup>3</sup> Except Great Lakes. Beginning 1955, distributed by inland waterway system.

Source: Department of the Army, Corps of Engineers; figures through 1950, *Annual Report of the Chief of Engineers*, Part 2; thereafter, *Waterborne Commerce of the United States*.

## No. 820. FREIGHT CARRIED ON GREAT LAKES SYSTEM: 1960

[In thousands of ton-miles]

AREA	Total	DOMESTIC				FOREIGN	
		Lakewise	Coastwise	Internal	Local and Intraport	Canadian	Overseas
<b>Total</b> .....	99,468,198	79,749,253	59,797	699,094	95,506	13,797,042	5,067,500
Lake Superior.....	27,960,971	24,622,948			203	2,491,584	852,230
St. Marys River.....	5,225,808	4,462,228			1	623,714	139,865
Lake Michigan, including Port of Chicago <sup>1</sup> .....	18,265,756	16,125,505	7,719	476,091	78,676	1,147,363	430,402
Lake Huron.....	22,401,573	18,838,623	6,633	11,327	1,698	2,697,520	845,772
St. Clair River, including channels in Lake St. Clair.....	5,475,910	4,554,700	1,641	2,625	427	703,658	212,859
Detroit River.....	3,070,820	2,544,336	1,822	4,161	636	380,646	130,219
Lake Erie, including upper Niagara River.....	12,969,248	8,513,387	24,309	88,350	13,864	3,300,778	1,028,500
Welland Canal.....	550,285	9,684	2,831	16,061		391,457	130,252
Lake Ontario, including lower Niagara River.....	2,310,852	68,309	14,782	92,462	1	1,362,397	772,901
St. Lawrence River, between International Boundary Line and Lake Ontario.....	1,230,975	9,533		8,017		688,925	524,500

<sup>1</sup> Comprises Chicago Harbor, North Branch, South Branch, Sanitary Ship Canal, Calumet-Sag Channel, Lake Calumet, Calumet Harbor and River.

Source: Department of the Army, Corps of Engineers; *Waterborne Commerce of the United States*.

## No. 821. FREIGHT CARRIED ON MISSISSIPPI RIVER SYSTEM: 1940 TO 1960

[Net traffic. Comprises main channels and all tributaries of the Mississippi, Illinois, Missouri, and Ohio Rivers]

YEAR	TRAFFIC IN SHORT TONS (1,000)					TRAFFIC IN TON-MILES (1,000,000)				
	Total	Inland	Coast-wise	Foreign		Total	Inland	Coast-wise	Foreign	
				Imports	Exports				Imports	Exports
1940.....	88,980	73,174	9,001	3,157	3,649	13,034	11,578	1,523	385	447
1945.....	95,543	82,081	4,954	3,114	5,394	19,595	17,738	849	340	668
1950.....	138,145	114,697	13,877	4,395	5,176	33,598	30,282	2,074	599	643
1955.....	194,363	163,760	16,000	6,296	8,248	52,019	47,418	2,473	1,046	1,082
1956.....	212,818	179,257	16,507	7,303	9,691	56,786	51,733	2,508	1,232	1,312
1957.....	227,028	188,214	17,643	8,536	12,685	60,710	54,709	2,734	1,459	1,749
1958.....	209,881	172,582	16,096	10,475	9,828	59,208	53,443	2,507	1,811	1,446
1959.....	223,950	183,909	19,146	10,424	10,471	65,721	59,565	2,811	1,732	1,614
1960.....	233,959	188,098	21,094	11,284	12,584	69,257	62,307	3,184	1,821	1,884

## No. 822. COMMERCE ON SELECTED RIVERS, CANALS, AND CONNECTING CHANNELS: 1940 TO 1960

[In thousands of short tons (cargo). Excludes general ferry traffic and nonregulated car ferry traffic]

WATERWAY	1940	1945	1950	1955	1959	1960
RIVERS						
Hudson River, N. Y. (Mouth of Spuyten Duyvil Creek to Waterford, N. Y.)	11,516	5,747	14,574	20,203	20,737	19,062
Delaware River, Philadelphia, Pa., to Trenton, N. J.	4,410	4,261	7,086	11,010	12,956	14,919
Delaware River, Philadelphia, Pa., to the sea	27,658	20,558	60,283	86,754	102,747	98,324
Potomac River below Washington, D. C.	3,016	1,936	2,402	3,796	4,603	4,378
James River, Va.	2,649	1,469	3,603	5,197	5,415	5,186
Wilmington Harbor, N. C.	12,785	11,109	4,022	4,693	4,368	5,168
Black Warrior, Warrior, and Tombigbee Rivers, Ala.	1,800	1,492	2,003	4,221	5,756	5,804
San Joaquin River, Calif.	1,049	1,220	1,495	2,414	3,679	4,467
Columbia and Lower Willamette Rivers below Vancouver, Wash., and Portland, Oreg.	15,028	16,635	18,578	19,826	20,631	21,867
Columbia River from Vancouver, Wash., to The Dalles, Oreg.	1,884	1,417	2,845	3,216	3,758	4,349
Willamette River above Portland and Yamhill River, Oreg.	3,067	2,877	3,948	4,290	3,724	4,065
Illinois Waterway, Ill.	5,729	6,591	16,421	21,363	26,392	26,020
Mississippi River, Minneapolis, Minn., to the Passes	32,372	43,009	66,923	94,042	120,278	128,348
Allegheny River, Pa.	3,929	2,416	3,594	4,722	4,034	3,833
Monongahela River, Pa. and W. Va.	20,560	26,556	28,510	37,618	27,174	20,533
Kanawha River, W. Va.	4,499	4,499	6,388	7,644	9,714	10,080
Ohio River, Pittsburgh to mouth	20,549	33,808	48,598	71,461	80,801	79,478
Cumberland River, Tenn. and Ky.	852	814	1,647	2,878	2,898	2,815
Tennessee River, Tenn., Ala., and Ky.	2,207	2,163	3,051	0,975	12,037	12,441
FEDERAL CANALS AND CONNECTING CHANNELS						
Cape Cod Canal, Mass.	7,001	14,684	13,625	13,388	12,583	12,135
Inland Waterway from Delaware River to Chesapeake Bay, Del. and Md.	3,795	3,690	7,298	9,151	8,852	8,899
Lake Charles Deep Water Channel, La.	8,601	10,288	12,164	14,901	18,448	19,483
Gulf Intracoastal Waterway, Apalachee Bay, Fla., to the Mexican border	11,643	23,045	31,520	41,379	51,306	54,948
Sabine-Neches Waterway, Tex.	38,433	26,318	48,385	56,234	62,447	68,603
Port Aransas (Aransas Pass) Corpus Christi Waterway, Tex.	14,180	13,074	21,132	24,330	24,112	24,840
Detroit River, Mich.	18,294	127,045	127,202	132,507	92,618	111,165
St. Marys Falls Canal, Mich.	89,360	112,983	106,140	114,649	69,645	89,699
Grays Reef Passage, Mich.	5,962	4,905	6,045	5,399	5,900	5,230
STATE CANALS						
New York State Barge Canal	4,768	2,060	4,016	4,616	3,720	3,415
Innerharbor Navigation Canal, La.	2,687	1,430	2,338	3,834	6,064	0,004

¹ Reported as "Cape Fear River at and below Wilmington, N. C."

Source of tables 821 and 822: Department of the Army, Corps of Engineers; 1940 through 1950, *Annual Report of the Chief of Engineers*, Part 2; thereafter, *Waterborne Commerce of the United States*.

### No. 823. COMMERCIAL TRAFFIC THROUGH THE PANAMA CANAL, 1940 TO 1961, AND BY NATIONALITY OF VESSEL, 1961

[For years ending June 30. Comprises oceangoing toll-paying vessels and foreign naval vessels of 300 net tons and over (Panama Canal measurement) for vessels rated on net tonnage, or 500 tons displacement and over for vessels rated on displacement tonnage. See also *Historical Statistics, Colonial Times to 1957*, series Q 235-237]

YEAR	Number of transits	Net tonnage <sup>1</sup> (1,000)	Tolls (\$1,000)	Tons of cargo (1,000 long tons)	NATIONALITY OF VESSEL, 1961	Number of transits	Net tonnage <sup>1</sup> (1,000)	Tolls (\$1,000)	Tons of cargo (1,000 long tons)
1940.....	5,370	24,144	21,145	27,299	Chile.....	108	652	587	839
1941.....	4,727	20,643	18,168	24,951	China.....	63	283	253	304
1942.....	2,688	11,010	9,752	13,607	Colombia.....	244	916	823	467
1943.....	1,822	8,234	7,357	10,600	Denmark.....	340	1,678	1,474	1,210
1944.....	1,602	6,073	5,456	7,003	Ecuador.....	49	171	160	78
					France.....	133	825	732	785
1945.....	1,939	8,381	7,244	8,604	Germany.....	1,129	4,408	3,902	3,240
1946.....	3,747	17,517	14,774	14,978	Great Britain.....	1,190	8,016	7,064	7,007
1947.....	4,260	20,233	17,597	21,671	Greece.....	612	4,028	3,622	5,950
1948.....	4,678	22,902	19,957	24,118	Honduras.....	145	354	294	174
1949.....	4,793	23,473	20,541	25,305	Israel.....	47	101	89	92
					Italy.....	191	1,290	1,135	1,075
1950.....	5,448	28,013	24,430	28,872	Japan.....	863	5,055	4,538	5,152
1951.....	5,593	27,180	23,906	30,073	Liberia.....	1,044	6,600	5,630	9,039
1952.....	6,524	30,674	26,923	33,611	Netherlands.....	485	2,625	2,301	2,645
1953.....	7,410	36,670	31,918	36,095	Nicaragua.....	45	112	100	86
1954.....	7,784	38,028	33,248	39,095	Norway.....	1,324	8,242	7,095	8,625
					Panama.....	383	1,718	1,460	2,008
1955.....	7,997	38,568	33,849	40,646	Peru.....	102	309	285	434
1956.....	8,209	41,203	36,154	45,119	Philippine Islands.....	69	372	336	354
1957.....	8,579	43,628	38,444	49,702	Sweden.....	314	1,809	1,575	1,654
1958.....	9,187	47,924	41,796	48,125	United States.....	1,792	11,273	9,997	10,867
1959.....	9,718	52,154	45,520	51,153	All other.....	204	900	776	882
1960.....	10,795	58,302	50,939	59,288					
1961.....	10,866	61,826	54,128	63,670					

<sup>1</sup> Panama Canal net.

Source: Panama Canal Company; *Annual Report*.

### No. 824. VESSELS ENTERED AND CLEARED IN FOREIGN TRADE—NET REGISTERED TONNAGE, CUSTOMS DISTRICTS: 1955 TO 1961

[In thousands of net tons. Includes Alaska, Hawaii, and Puerto Rico. Excludes domestic trade]

CUSTOMS DISTRICT AND TONNAGE	1955	1956	1957	1958	1959	1960	1961
<b>ENTERED</b>							
North Atlantic Coast.....	71,150	80,959	87,616	79,266	76,304	75,829	75,032
With cargo.....	57,844	61,856	64,865	65,628	68,870	66,589	64,870
South Atlantic Coast.....	6,000	6,414	6,957	7,350	8,586	8,827	8,307
With cargo.....	5,292	5,551	5,992	6,688	7,845	7,808	7,303
Gulf Coast.....	17,434	20,629	24,022	22,233	22,532	27,022	30,237
With cargo.....	11,795	12,576	13,777	15,409	15,822	15,616	15,661
South Pacific Coast.....	9,582	11,562	13,949	13,391	15,277	17,148	18,200
With cargo.....	7,547	9,569	11,492	11,415	13,477	15,007	15,332
North Pacific Coast.....	6,385	7,176	8,453	8,235	9,154	10,133	9,851
With cargo.....	4,305	4,465	5,061	6,165	7,089	7,551	6,681
Great Lakes.....	14,597	17,077	16,781	12,806	16,369	16,937	17,593
With cargo.....	4,631	5,542	5,460	4,590	5,133	7,771	7,826
Puerto Rico, Alaska, Hawaii, and Virgin Islands.....	3,247	3,427	3,148	5,817	5,992	6,869	7,326
With cargo.....	2,678	3,423	4,301	4,976	5,207	5,968	6,369
<b>CLEARED</b>							
North Atlantic Coast.....	71,240	80,274	85,947	79,032	76,023	80,842	79,127
With cargo.....	38,903	45,294	49,515	39,932	35,216	35,510	36,964
South Atlantic Coast.....	5,846	6,281	7,197	7,135	7,415	8,612	8,759
With cargo.....	3,635	4,000	4,485	4,444	4,582	5,121	5,362
Gulf Coast.....	17,289	20,805	24,402	22,240	24,109	25,218	27,235
With cargo.....	13,320	16,779	19,950	16,287	17,963	18,825	20,385
South Pacific Coast.....	11,172	12,941	14,817	14,226	15,502	18,007	18,516
With cargo.....	10,598	11,067	11,504	11,381	12,765	14,602	14,485
North Pacific Coast.....	5,060	6,219	7,710	7,123	8,367	9,444	9,473
With cargo.....	4,130	5,007	6,167	5,189	5,946	6,923	7,415
Great Lakes.....	14,561	16,878	16,624	12,714	16,244	16,937	17,583
With cargo.....	11,831	13,558	13,654	10,366	11,882	13,106	13,791
Puerto Rico, Alaska, Hawaii, and Virgin Islands.....	4,200	4,872	5,882	6,346	6,946	7,654	8,085
With cargo.....	3,077	3,138	3,768	3,741	3,736	3,491	3,663

Source: Department of Commerce, Bureau of the Census; current summary reports, FT 975 *Vessel Entrances and Clearances*.



# No. 825. VESSELS ENTERED AND CLEARED IN FOREIGN TRADE—NET REGISTERED TONNAGE, BY CLASSES: 1936 TO 1961

[In thousands of net tons, except number of vessels and percentages. Includes Alaska, Hawaii, and Puerto Rico. Excludes domestic trade. See also *Historical Statistics, Colonial Times to 1957*, series Q 192-203]

YEARLY AVERAGE OR YEAR	ALL PORTS					SEAPORTS <sup>1</sup>					
	Number of vessels	All vessels			Percent U. S.	All vessels			With cargo		
		Total tonnage	U. S.	Foreign		Total tonnage	U. S.	Foreign	Total tonnage	U. S.	Foreign
ENTERED											
1936-1940	33,954	87,117	10,243	47,873	28.7	55,521	16,000	30,432	41,951	13,865	28,086
1941-1945	38,097	87,994	34,658	33,336	51.0	52,620	30,059	22,560	28,995	16,877	12,118
1946-1950	48,813	87,462	40,205	41,257	52.8	75,094	42,168	32,926	50,288	26,318	23,970
1951-1955	48,082	114,990	39,459	75,531	34.3	100,657	35,345	65,313	78,407	20,759	58,649
1956-1960	51,874	155,368	31,118	124,251	20.0	139,375	26,938	112,436	110,023	21,894	88,139
1952	50,076	116,375	45,223	71,152	38.9	101,263	40,732	60,532	73,973	28,496	45,477
1953	47,802	112,550	39,319	73,240	34.9	97,344	34,969	62,375	79,410	26,794	52,616
1954	45,051	109,524	33,860	75,664	30.9	97,198	30,133	67,065	82,234	25,167	57,067
1955	48,415	128,405	34,321	94,084	26.7	113,807	30,407	83,400	89,552	25,331	64,220
1956	52,999	147,844	36,247	111,598	25.5	130,767	31,254	99,514	97,442	26,224	71,218
1957	55,308	162,925	35,898	127,027	22.0	146,144	31,191	114,954	105,487	30,569	74,918
1958	48,455	149,097	26,842	122,255	18.0	136,291	23,642	112,648	110,280	19,806	90,474
1959	51,237	154,213	26,417	127,796	17.1	137,845	21,897	115,947	118,370	18,510	99,860
1960	51,375	162,765	30,189	132,575	18.5	145,828	26,708	119,119	118,539	19,955	98,584
1961	47,823	166,548	31,144	135,404	18.7	148,955	23,266	120,688	116,525	18,779	97,746
CLEARED											
1936-1940	32,706	68,541	10,448	49,093	28.4	56,967	16,302	40,665	46,126	13,116	33,009
1941-1945	38,195	71,792	37,283	34,509	51.9	56,304	32,585	23,718	45,147	26,377	18,770
1946-1950	45,135	87,190	44,942	42,244	51.5	74,880	40,933	33,953	54,584	29,510	25,073
1951-1955	45,324	115,447	39,533	75,914	34.2	101,213	35,331	65,882	68,306	25,407	42,899
1956-1960	49,079	156,376	31,157	125,219	19.9	140,498	27,018	113,478	85,273	19,701	65,581
1952	46,501	114,797	43,726	71,071	38.1	90,703	39,273	60,429	71,111	29,451	41,660
1953	44,757	112,935	39,188	73,747	34.7	97,627	34,775	62,852	64,839	24,786	40,103
1954	42,066	109,890	33,579	76,321	30.6	97,674	29,060	67,706	61,561	19,679	41,883
1955	46,442	129,368	34,407	94,961	26.6	114,806	30,615	84,192	73,663	20,763	52,900
1956	50,735	148,269	36,317	111,952	24.5	131,391	31,510	99,881	85,285	21,262	64,023
1957	52,687	162,578	35,118	127,460	21.6	145,054	30,569	115,385	95,370	22,067	73,312
1958	46,115	148,816	26,440	122,366	18.0	136,102	23,324	112,778	81,024	18,711	62,313
1959	49,608	155,505	26,623	128,883	17.1	139,262	22,042	117,221	80,208	18,269	61,939
1960	49,809	160,715	31,280	135,434	18.7	149,778	27,640	122,127	84,470	18,653	65,817
1961	46,354	168,878	31,941	136,936	18.9	151,296	20,062	122,233	87,273	18,952	68,321

<sup>1</sup> Comprises all ports except northern border ports.

Source: Department of Commerce, Bureau of the Census; *Foreign Commerce and Navigation of the United States*, and current summary reports, FT 975, *Vessel Entrances and Clearances*.

# No. 826. FEDERAL EXPENDITURES (COSTS) FOR CIVIL FUNCTIONS OF THE CORPS OF ENGINEERS, U.S. ARMY: 1940 TO 1961

[In thousands of dollars. For years ending June 30. Includes Alaska, Hawaii, and outlying areas. Represents funds actually expended under the direction of the Chief of Engineers for maintenance and improvement of rivers and harbors, flood control, and other miscellaneous works]

YEAR	Amount	YEAR	Amount	YEAR	Amount
1940.....	213,889	1948.....	380,615	1956.....	556,724
1941.....	220,734	1949.....	572,830	1957.....	666,433
1942.....	198,041	1950.....	634,534	1958.....	718,532
1943.....	222,063	1951.....	620,581	1959.....	806,427
1944.....	175,580	1952.....	597,102	1960.....	868,573
1945.....	134,216	1953.....	635,512	1961.....	938,032
1946.....	168,957	1954.....	539,687		
1947.....	269,380	1955.....	511,587		

Source: Department of the Army, Corps of Engineers.

# No. 827. EMPLOYEES IN GOVERNMENT AND PRIVATE SHIPYARDS, 1935 TO 1960, AND BY REGION, 1959 AND 1960

[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 <sup>1</sup>	Navy yards <sup>2</sup>	YEAR AND REGION	Total	Private yards <sup>1</sup>	Navy yards <sup>2</sup>
1935.....	68.5	48.7	19.8	1959:			
1940.....	180.3	102.7	77.5				
1941.....	377.0	236.0	141.0				
1942.....	1,004.0	781.7	242.3				
1943.....	1,655.5	1,336.9	318.6				
1944.....	1,668.6	1,242.5	326.1				
1945.....	1,033.9	741.9	292.0	North Atlantic <sup>3</sup> .....	99.6	58.6	41.0
1950.....	145.7	72.0	73.6	South Atlantic <sup>4</sup> .....	36.4	17.7	18.7
1951.....	223.3	102.2	121.2	Gulf <sup>5</sup> .....	22.0	22.0	-----
1952.....	267.6	134.2	133.4	Pacific <sup>6</sup> .....	47.5	14.0	33.5
1953.....	255.0	131.2	123.8	Great Lakes <sup>7</sup> .....	4.6	4.6	-----
1954.....	218.3	108.5	109.8	Inland <sup>8</sup> .....	4.0	4.0	-----
1955.....	208.0	101.0	107.0	1960:			
1956.....	211.4	109.8	101.6				
1957.....	224.6	126.9	97.7				
1958.....	220.2	125.3	94.9				
1959.....	214.1	120.9	93.2				
1960.....	210.6	118.2	92.4				
				North Atlantic <sup>3</sup> .....	93.6	52.1	41.5
				South Atlantic <sup>4</sup> .....	37.8	10.5	18.3
				Gulf <sup>5</sup> .....	21.3	21.3	-----
				Pacific <sup>6</sup> .....	49.8	17.2	32.6
				Great Lakes <sup>7</sup> .....	4.5	4.5	-----
				Inland <sup>8</sup> .....	3.6	3.6	-----

<sup>1</sup> Includes all full- and part-time employees who worked during or received pay for any part of the pay period ending nearest the 15th of the month. Data have been adjusted to 1st quarter 1957 benchmark levels indicated by data from Government social insurance programs.

<sup>2</sup> Beginning 1942, includes Curtis Bay Coast Guard yard (Md.).

<sup>3</sup> Comprises yards bordering on the Atlantic in Conn., Del., Maine, Md., Mass., N. H., N. J., N. Y., Pa., R. I., Vt.

<sup>4</sup> Comprises yards bordering on the Atlantic in Ga., N. C., S. C., Va.

<sup>5</sup> Comprises all yards in Fla. and yards bordering on the Gulf of Mexico in Ala., La., Miss., Texas.

<sup>6</sup> Comprises yards in Calif., Oreg., Wash.

<sup>7</sup> Comprises yards bordering on Great Lakes in Ill., Mich., Minn., N. Y., Ohio, Pa., Wls.

<sup>8</sup> Comprises all other yards.

Source: Department of Labor, Bureau of Labor Statistics; current data published monthly in *Employment and Earnings*.

## No. 828. EMPLOYMENT ON U.S. FLAG MERCHANT VESSELS: 1935 TO 1961

[As of June 30, except as indicated. Estimates of personnel employed on U. S. merchant ships, 1,000 gross tons and over. Excludes vessels on inland waterways, Great Lakes, and those owned by, or operated for, the United States Army and Navy, and special types such as cable ships, tugs, etc.]

DATE	Employment	DATE	Employment	DATE	Employment
1935.....	56,150	1950.....	61,550	1960: Mar. 31.....	48,575
1940.....	49,810	1951.....	84,300	June 30.....	49,153
1941.....	51,280	1952.....	79,650	Sept. 30.....	48,846
1942.....	47,410	1953.....	72,750	Dec. 31.....	49,281
1943 (June 20).....	75,000	1954.....	63,850	1961: Mar. 31.....	48,972
1944 (June 20).....	125,290	1955.....	57,507	June 30.....	48,930
1945 (June 20).....	158,860	1956.....	57,192	Sept. 30.....	46,130
1946 (June 20).....	120,050	1957.....	61,059	Dec. 31.....	48,461
1947 (Dec. 20).....	110,820	1958.....	51,515		
1948.....	80,250	1959.....	50,223		
1949.....	71,970				

<sup>1</sup> Result of Maritime strike, Atlantic, Gulf, and Pacific Coast Ports.

## No. 829. BASIC WAGE SCALE FOR ABLE-BODIED SEAMEN: 1935 TO 1962

[Represents basic wage, over and above subsistence (board and room), paid to seamen having qualifying experience and employed on U.S. flag merchant vessels. Excludes overtime and fringe pay benefits]

MONTH ESTABLISHED	Monthly wage rate	AREA AND MONTH ESTABLISHED	Monthly wage rate	AREA AND MONTH ESTABLISHED	Monthly wage rate
In effect, Jan. 1, 1935.....	\$55.00	EAST COAST		WEST COAST <sup>1</sup>	
1940—January.....	72.50	1953—June.....	\$314.41	1953—June.....	\$314.41
1941—February.....	90.00	1956—June.....	333.27	1954—October.....	302.00
1942—January.....	100.00	1957—June.....	353.27	1955—November.....	423.00
1945—October.....	145.00	1960—January.....	369.17	1956—October.....	453.00
1946—April.....	162.50	1961—June.....	383.94	1957—October.....	478.93
June.....	172.50	In effect, June 16, 1962.....	392.58	1960—October.....	511.50
1947—February.....	182.85			In effect, Jan. 1, 1962.....	511.50
October.....	197.50				
1948—March.....	210.00				
December.....	226.00				
1950—September.....	248.50				
1951—October.....	288.00				
1952—April.....	302.40				

<sup>1</sup> Effective November 1955, based on 56 hours at sea and 40 hours in port for watchstanders. Includes penalty overtime.

Sources of tables 828 and 829: Department of Commerce, Maritime Administration; records.

No. 830. UNITED STATES FLAG MERCHANT VESSELS, STEAM AND MOTOR: 1940 TO 1961

[Dead-weight tonnage in thousands. As of June 30, except as indicated. Covers seagoing vessels of 1,000 gross tons and over engaged in foreign and domestic trade, and inactive vessels. Excludes special types and vessels employed on Great Lakes]

YEAR AND TYPE OF VESSEL	ACTIVE VESSELS										TEMPORARILY INACTIVE		RESERVE FLEET		SPECIAL SERVICE			
	ALL VESSELS			Foreign trade				Domestic trade			Num- ber		Num- ber		Num- ber			
	Num- ber	Tons	Total	Total		Coastwise		Intercoastal		Noncontiguous		Num- ber	Tons	Num- ber	Tons	Num- ber	Tons	
				Num- ber	Tons	Num- ber	Tons	Num- ber	Tons	Num- ber	Tons							Num- ber
1940	1,300	11,019	1,118	9,643	425	3,749	693	5,893	500	4,172	122	1,189	71	532	1,181	1,367	1	10
Combination	140	873	112	696	66	514	46	182	36	129	1	8	9	45	58	176		
Cargo	700	6,020	641	4,852	291	2,443	330	2,438	188	988	109	1,033	58	417	148	1,129		
Tankers	370	4,126	365	4,065	68	791	297	3,273	276	3,054	12	148	9	70	5	62		
1946 (Sept. 30)	4,832	50,263	2,332	25,399	1,890	20,592	442	4,907	297	3,490	54	563	91	757	532	4,998	420	3,728
Combination	117	800	25	165	15	127	10	38					10	38	28	173	31	247
Cargo	3,829	36,675	1,833	18,110	1,607	16,200	226	1,910	101	728	53	561	72	617	490	4,198	387	3,298
Tankers	906	12,785	474	7,122	1,263	4,264	206	2,853	196	2,751	1	2	9	101	53	624	12	183
1950	3,408	36,526	1,145	13,828	711	8,353	434	5,474	279	3,716	87	1,131	68	626	86	845		
Combination	83	639	51	417	45	389	6	28	66	539	53	649	6	28	4	27		
Cargo	2,846	28,927	682	7,075	505	5,367	177	1,708	213	3,157	29	482	53	500	42	384		
Tankers	479	6,959	412	6,335	161	2,587	251	3,737	213	3,597	75	996	98	40	434	27		
1955	3,235	35,017	1,025	12,872	601	6,982	425	5,880	271	3,999	75	996	79	885	89	1,099	187	1,360
Combination	249	1,687	40	371	39	361	1	10	43	385	52	591	1	10	14	68	10	82
Cargo	2,560	26,539	652	7,033	492	5,363	160	1,650	228	3,614	23	405	65	674	28	288	120	1,149
Tankers	426	6,790	334	5,468	70	1,248	264	4,220	228	3,614	23	405	13	201	47	742	7	129
1960	2,960	32,821	930	12,467	558	6,541	372	5,926	237	4,284	50	717	85	925	99	1,400	47	675
Combination	2	2,044	36	319	34	305	2	14	2	14	4		2	14	4	31	1	6
Cargo	2,226	23,015	627	6,854	479	5,265	148	1,589	35	375	39	442	74	773	35	376	28	235
Tankers	428	7,762	267	5,295	45	972	222	4,333	202	3,910	11	275	9	138	60	993	13	414
1961	2,810	31,525	597	8,173	415	5,066	182	3,107	115	2,325	27	364	40	419	413	5,824	47	664
Combination	300	2,012	17	132	17	132			17	173	18	186	29	273	18	247	3	20
Cargo	2,086	21,575	429	4,777	365	4,135	64	642	98	2,162	9	168	11	145	105	2,470	27	248
Tankers	424	7,941	151	3,246	33	781	118	2,465				168			188	3,176	17	395

<sup>1</sup> All inactive vessels.

<sup>2</sup> Includes ships originally constructed as cargo ships but converted to transports, hospital ships, etc., previously included in cargo classification as follows: 1955, 181 ships of 1,124,000 tons; 1960, 237 ships of 1,427,000 tons; 1961, 230 ships of 1,383,400 tons.

Source: Department of Commerce, Maritime Administration; records.

## No. 831. MERCHANT VESSELS COMPLETED BY U.S. SHIPYARDS: 1930 TO 1961

[Represents self-propelled steel vessels of 2,000 gross tons and over. Excludes Alaska and Hawaii]

YEAR	ALL MERCHANT VESSELS		PASSENGER-CARGO/TRANSPORT			CARGO			TANKER		
	Number	Gross tons	Number	Gross tons	Dead-weight tons	Number	Gross tons	Dead-weight tons	Number	Gross tons	Dead-weight tons
1930.....	18	163,500	5	50,311	39,269	2	15,824	24,000	11	97,365	161,219
1935.....	2	19,022							2	19,022	29,760
1940.....	53	444,727	6	68,043	61,222	31	227,276	334,660	16	148,509	238,862
1941.....	95	749,108	6	58,107	59,515	61	423,022	597,043	28	267,079	434,039
1942.....	724	5,392,848	11	101,847	81,290	652	4,078,880	6,842,880	61	612,121	982,381
1943.....	1,661	12,485,629	20	219,780	180,047	1,410	10,103,245	14,921,082	231	2,162,624	3,420,405
1944.....	1,463	11,403,163	48	461,201	330,311	1,175	8,455,475	11,857,797	240	2,488,397	3,954,957
1945.....	1,041	7,614,898	46	509,103	311,046	807	5,336,152	7,208,301	138	1,760,593	2,787,397
1950.....	26	404,617				3	26,854	43,500	23	377,703	603,593
1955.....	9	119,104				7	84,110	95,289	2	34,994	55,414
1956.....	8	113,298				2	6,844	15,032	6	106,454	199,377
1957.....	19	297,350				3	7,885	6,350	16	289,455	450,604
1958.....	30	571,866	4	60,700	34,707	5	48,211	66,681	21	462,975	759,496
1959.....	30	713,662	1	5,315	1,200	3	40,434	72,834	26	667,813	1,095,388
1960.....	26	409,736				15	133,592	163,309	11	276,144	455,672
1961.....	25	368,937				18	190,019	224,230	7	178,918	293,056

Source: American Bureau of Shipping, New York, N.Y.; published annually in *The Bulletin*.

## No. 832. U.S. MERCHANT MARINE—NUMBER AND GROSS TONNAGE OF VESSELS, BY TONNAGE GROUPING: 1961

[As of January 1. Includes Alaska, Hawaii, Puerto Rico, Guam, and Virgin Islands. Covers documented vessels of 5 net tons or more]

TONNAGE GROUPING	ALL VESSELS		STEAM		MOTOR		SAILING		UNRIGGED <sup>1</sup>	
	Number	Gross tons (1,000)	Number	Gross tons (1,000)	Number	Gross tons (1,000)	Number	Gross tons (1,000)	Number	Gross tons (1,000)
Total.....	43,367	26,403	2,689	19,125	31,137	2,050	168	18	9,403	5,210
5 to 49 tons.....	25,664	459	22	1	24,852	438	148	2	642	18
50 to 99 tons.....	3,851	266	41	3	3,393	232	4	(2)	413	31
100 to 499 tons.....	6,845	1,912	193	46	2,443	495	7	2	4,202	1,369
500 to 999 tons.....	3,549	2,542	60	42	198	130	5	4	3,286	2,365
1,000 to 4,999 tons.....	1,244	2,385	170	514	216	473	4	9	854	1,392
5,000 to 9,999 tons.....	1,803	13,329	1,768	13,081	29	212			6	36
10,000 to 19,999 tons.....	373	4,596	367	4,527	6	69				
20,000 tons and over.....	38	914	38	914						

<sup>1</sup> Vessels having no propelling power of their own.<sup>2</sup> Less than 500 gross tons.

## No. 833. U.S. MERCHANT MARINE—NUMBER AND GROSS TONNAGE OF VESSELS BUILT, AND REMOVED: 1940 TO 1960

[Includes Alaska, Hawaii, Puerto Rico, Guam, and Virgin Islands. Covers documented vessels of 5 net tons or more. Vessels may be added to merchant marine by way of redocumentation. However, figures are available only for vessels documented. See also *Historical Statistics, Colonial Times to 1967*, series Q 178-182]

YEAR	VESSELS BUILT AND DOCUMENTED				GROSS TONNAGE OF VESSELS REMOVED (1,000)				
	Number	Gross tonnage (1,000)			Total	Lost and abandoned	Sold to aliens <sup>3</sup>	Sold to United States	All other
		Total <sup>1</sup>	Steam and motor	Un-rigged <sup>2</sup>					
1940.....	705	447	386	61	1,697	274	1,114	(4)	308
1945.....	1,744	6,314	6,289	55	901	138	75	198	490
1950.....	861	194	103	91	1,238	163	488	147	440
1955.....	1,116	400	117	283	866	63	418	(5)	384
1956.....	1,385	446	152	293	890	60	274		557
1957.....	1,582	585	249	336	1,625	33	579		1,013
1958.....	1,390	837	406	431	961	35	87	(5)	838
1959.....	1,180	792	386	406	1,448	58	50	(5)	1,339
1960.....	949	629	352	277	3,065	55	249	1	2,760

<sup>1</sup> Includes small amount of tonnage for sailing vessels for certain years.<sup>2</sup> Vessels having no propelling power of their own.<sup>3</sup> Beginning 1965, sold or transferred to aliens.<sup>4</sup> Included in "All other."<sup>5</sup> Less than 500 gross tons.Source of tables 832 and 833: Treasury Department, Bureau of Customs; annual report, *Merchant Marine Statistics*.

## No. 834. U.S. MERCHANT MARINE—SUMMARY: 1930 TO 1961

[As of June 30 for 1930 to 1940; January 1, thereafter. Includes Alaska, Hawaii, Puerto Rico, Guam, and Virgin Islands. Covers documented vessels of 5 net tons or more. See also *Historical Statistics, Colonial Times to 1967*, series Q 153-174]

YEAR	NUMBER OF VESSELS			GROSS TONNAGE OF VESSELS (1,000)							
	Total	Steam and motor	All other	Total	Major class			Material of which built		Type of trade in which engaged <sup>1</sup>	
					Steam and motor	Sailing	Unrigged	Metal <sup>2</sup>	Wood	Foreign trade	Coastwise and internal
1930.....	25,214	18,211	7,003	16,068	13,757	767	1,554	13,514	2,554	6,296	9,723
1935.....	24,919	18,405	6,424	14,654	12,535	441	1,077	12,460	2,185	4,560	10,049
1940.....	27,212	19,504	7,708	14,018	11,353	200	2,466	(4)	3,038	10,352	10,352
1945.....	29,797	22,772	7,025	32,813	30,247	115	2,452	30,898	1,915	26,043	6,766
1950.....	36,083	28,793	7,290	31,215	28,327	82	2,806	29,293	1,922	19,154	12,049
1952.....	37,389	30,189	7,200	30,416	27,459	66	2,891	28,559	1,857	19,279	11,134
1953.....	38,072	30,791	7,281	30,546	27,507	55	2,984	28,761	1,785	19,007	11,587
1954.....	39,008	31,565	7,443	30,764	27,631	46	3,087	28,982	1,782	18,974	11,787
1955.....	39,242	31,882	7,360	29,968	26,792	40	3,125	28,336	1,622	18,143	11,812
1956.....	39,499	32,030	7,469	29,610	26,251	34	3,326	28,073	1,537	17,765	11,843
1957.....	40,191	32,423	7,768	29,421	25,785	24	3,612	27,935	1,486	17,265	12,154
1958.....	41,276	32,988	8,288	28,686	24,599	23	3,965	27,118	1,469	16,266	12,376
1959.....	42,409	33,506	8,903	28,896	24,333	23	4,539	27,470	1,425	15,000	13,284
1960.....	43,088	33,640	9,448	28,681	23,553	23	5,005	27,184	1,397	14,737	13,833
1961.....	43,367	33,790	9,571	26,403	21,175	18	5,210	25,028	1,375	13,126	13,260

AREA OF LOCATION	NUMBER OF VESSELS					GROSS TONNAGE OF VESSELS (1,000)				
	1950	1955	1959	1960	1961	1950	1955	1959	1960	1961
Total.....	36,083	39,242	42,409	43,088	43,367	31,215	29,958	28,895	28,581	26,403
Atlantic and Gulf.....	21,623	23,355	24,958	24,963	25,063	20,420	20,402	19,266	18,926	16,761
Pacific.....	10,066	10,687	10,870	10,828	10,876	8,446	7,004	6,312	5,782	5,813
Northern lakes.....	2,026	2,005	1,970	1,950	2,020	1,628	1,590	1,627	1,728	2,121
Western rivers.....	2,368	3,195	4,611	5,347	5,408	721	962	1,691	2,145	2,218

<sup>1</sup> Vessels having no propelling power of their own.

<sup>2</sup> Comprises iron, steel, composite, concrete, and aluminum. Beginning 1961, includes plastic (fiberglass).

<sup>3</sup> Excludes vessels engaged in whale, cod, and mackerel fisheries.

<sup>4</sup> Not available.

## No. 835. U.S. MERCHANT MARINE—NUMBER AND GROSS TONNAGE OF VESSELS, BY YEAR OF BUILD: 1961

[As of January 1. Includes Alaska, Hawaii, Puerto Rico, Guam, and Virgin Islands. Covers documented vessels of 5 net tons or more]

YEAR OF BUILD	Number	Gross tons	YEAR OF BUILD	Number	Gross tons	YEAR OF BUILD	Number	Gross tons
Total.....	43,367	26,402,986	1930-1940.....	3,721	802,082	1950.....	1,031	236,092
Unknown.....	621	45,548	1941.....	899	453,336	1951.....	1,093	345,250
1849-1900.....	640	197,124	1942.....	1,338	1,646,673	1952.....	1,099	463,291
1901-1905.....	519	338,332	1943.....	1,885	3,890,425	1953.....	1,313	663,090
			1944.....	2,151	4,315,606	1954.....	1,270	580,227
1906-1910.....	812	846,096	1945.....	1,819	4,059,483	1955.....	1,261	432,400
1911-1915.....	1,162	285,943	1946.....	1,500	602,258	1956.....	1,565	491,048
1916-1920.....	1,497	361,133	1947.....	1,402	290,667	1957.....	1,815	660,661
1921-1925.....	1,711	417,087	1948.....	1,287	249,023	1958.....	1,513	844,887
1926-1930.....	3,129	604,593	1949.....	1,125	209,369	1959.....	1,307	827,206
1931-1935.....	1,933	281,761				1960.....	949	629,295

Source of tables 834 and 835: Treasury Department, Bureau of Customs; annual report, *Merchant Marine Statistics*.

# No. 836. MERCHANT VESSELS LAUNCHED AND OWNED, FOR THE WORLD AND THE UNITED STATES: 1935 TO 1961

[Vessels of 100 gross tons and over. Includes Alaska and Hawaii. Beginning 1945, excludes sailing ships, non-propelled craft, and all ships built of wood]

YEAR	WORLD				UNITED STATES			
	Launched		Owned		Launched		Owned	
	Number	Gross tons (1,000)	Number	Gross tons (1,000)	Number	Gross tons (1,000)	Number	Gross tons (1,000)
1935.....	<sup>1</sup> 1,040	<sup>1</sup> 2,595	30,979	64,886	<sup>1</sup> 117	<sup>1</sup> 244	3,585	12,773
1940.....	495	1,754	( <sup>2</sup> )	( <sup>2</sup> )	167	579	( <sup>2</sup> )	( <sup>2</sup> )
1945.....	1,311	7,189	( <sup>2</sup> )	( <sup>2</sup> )	880	5,968	( <sup>2</sup> )	( <sup>2</sup> )
1950.....	990	3,489	27,922	83,996	51	437	4,531	27,404
1955.....	1,437	5,315	29,967	109,069	26	73	4,225	26,343
1956.....	1,815	6,670	30,620	104,720	50	169	4,157	26,074
1957.....	1,950	8,501	31,421	109,778	54	359	4,116	25,843
1958.....	1,936	9,270	32,857	117,678	64	732	4,054	25,526
1959.....	1,808	8,746	33,924	124,494	47	597	3,964	25,227
1960.....	2,020	8,356	34,056	129,339	60	485	3,845	24,781
1961.....	1,990	7,940	35,465	135,477	56	343	3,728	24,184

<sup>1</sup> 1936-1939 average.    <sup>2</sup> Not recorded.

Source: Lloyd's Register of Shipping, London; records.

# No. 837. MERCHANT FLEETS OF THE WORLD—NUMBER AND AVERAGE AGE OF VESSELS, BY TYPE OF VESSEL AND COUNTRY OF REGISTRATION: 1960

[Vessels of 1,000 gross tons and over. As of December 31. Specified countries have 100 or more ships]

COUNTRY OF REGISTRY	TOTAL		COMBINATION PASSENGER AND CARGO		FREIGHTERS		BULK CARRIERS <sup>1</sup>		TANKERS	
	Number	Average age (years)	Number	Average age (years)	Number	Average age (years)	Number	Average age (years)	Number	Average age (years)
World total.....	17,317	13.6	1,254	18.8	11,512	14.5	1,185	10.9	3,366	9.7
United States.....	2,926	15.9	309	16.3	2,138	16.3	57	15.7	422	13.7
Privately owned.....	1,008	14.4	37	13.8	576	15.2	57	15.7	338	12.9
Government-owned.....	1,918	16.7	272	21.6	1,562	16.7	—	—	84	16.5
Foreign.....	14,391	13.2	945	19.7	9,374	14.1	1,128	10.7	2,944	9.1
Argentina.....	151	20.5	22	18.3	75	20.4	3	38.0	51	20.6
Australia.....	120	12.8	10	19.4	69	13.1	40	10.7	1	5.0
Brazil.....	227	23.0	25	43.8	147	24.0	15	13.5	40	6.6
China (mainland).....	141	23.3	12	31.6	107	23.5	8	17.5	14	18.3
Denmark.....	349	9.2	24	23.2	254	8.8	4	7.0	67	5.6
Finland.....	225	20.7	8	38.4	170	20.8	16	26.9	25	10.2
France.....	641	9.4	68	12.7	387	9.7	49	7.9	147	8.1
Germany (West).....	862	9.0	24	13.1	738	8.7	51	10.2	49	9.3
Greece.....	602	14.3	31	25.5	442	14.2	54	14.9	75	9.8
India.....	150	10.9	12	14.8	135	10.6	—	—	3	7.7
Italy.....	656	17.6	76	18.6	393	20.0	41	12.5	146	12.1
Japan.....	1,036	9.0	24	15.1	819	9.3	63	6.7	130	7.0
Liberia.....	875	11.1	5	26.2	385	14.0	104	9.1	381	7.6
Netherlands.....	557	9.6	59	14.9	372	9.4	21	3.6	105	8.7
Norway.....	1,336	9.1	30	12.9	716	10.5	89	5.8	501	7.5
Panama.....	495	19.0	21	26.3	267	23.4	45	17.2	102	11.1
Poland.....	123	14.0	2	21.5	107	13.7	9	16.4	5	12.0
Spain.....	337	29.2	44	22.4	221	34.4	17	27.5	55	14.2
Sweden.....	564	12.5	24	23.3	379	13.9	62	10.0	99	6.5
Turkey.....	135	29.4	30	24.9	91	32.0	3	42.7	11	17.3
United Kingdom.....	2,413	10.2	180	15.2	1,395	10.6	267	8.0	571	8.7
U.S.S.R.....	873	18.0	73	27.9	568	20.7	98	7.9	134	8.4
Yugoslavia.....	140	15.5	10	16.0	119	15.5	2	32.0	9	11.6
All other <sup>2</sup> .....	1,383	16.0	141	18.6	1,012	15.5	67	20.6	163	14.5

<sup>1</sup> Includes ore carriers and ore/oil carriers.

<sup>2</sup> Includes the following countries with less than 100 merchant type ships (1,000 gross tons and over) under their registry: Albania, Belgium, British Colonies (British Commonwealth), Bulgaria, Burma, Canada, Ceylon, Chile, China (Taiwan), Colombia, Costa Rica, Cuba, Czechoslovakia, Dominican Republic, Ecuador, Ethiopia, Germany (East), Ghana, Guatemala, Honduras, Hungary, Iceland, Indonesia, Iran, Ireland, Israel, Korea, Kuwait, Lebanon, Libya, Mexico, Monaco, Morocco, New Zealand, Nicaragua, Nigeria, Pakistan, Peru, Philippines, Portugal, Romania, Saudi Arabia, Switzerland, Thailand, Tunisia, South Africa, United Arab Republic, Uruguay, Venezuela, and Viet-Nam.

Source: Department of Commerce, Maritime Administration; *A Statistical Analysis of the World's Merchant Fleets*, December 1960.

## Section 23

### Agriculture—Farms, Land, and Finances

This section presents statistics concerning the basic structure of our agricultural economy. Included are data on farm population; number, acreage, value, and ownership of farms; land utilization, irrigation, drainage, and soil conservation; and farm income, expenditures, debt, and prices. The principal sources of these data are reports issued by the Bureau of the Census, which conducts a Census of Agriculture every 5 years and Censuses of Irrigation and of Drainage every 10 years; the annual *Crop Report and Related Data, Federal Reclamation Projects*, issued by the Bureau of Reclamation, Department of the Interior; and current and annual publications of the Department of Agriculture, chief of which are *Report of Administrator of Soil Conservation Service, Agricultural Statistics, The Farm Income Situation*, and *Farm Real Estate Market Developments*.

Data on farm production, marketings, and imports and exports for crops, livestock, and poultry are in Section 24, Agriculture—Production, Marketing, and Trade.

A Census of Agriculture, entailing personal enumeration of individual farms, has been taken every 10 years since 1840 and every 5 years since 1920. The first Census, limited in scope, included such items as numbers of livestock, production of wool, value of poultry and dairy products, and production of principal crops. Data on number, acreage, and value of farms were first obtained in the 1850 Census; on farm tenure, in 1880; and on farmland classified by use, in 1925. The most recent Census of Agriculture provided detailed statistics on agricultural resources and production during 1959.

**Farms and farmland.**—In the course of its history, the Bureau of the Census has used varying definitions of a farm. In the 1959 Census, 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, whether for home use or for sale, but exclusive of home-garden 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. In the Censuses from 1925 to 1945, farms included places of 3 or more acres having any agricultural production, other than from a home garden, and places of less than 3 acres having agricultural production valued at a minimum of \$250. For definitions used in earlier Censuses, see *U.S. Census of Agriculture: 1959*, Vol. II, Introduction.

Currently included as farms are such agricultural enterprises as nurseries, greenhouses, hothouses, mushroom houses, and cranberry bogs; excluded are fish farms, fish hatcheries, oyster farms, frog farms, fur farms, apiaries, kennels, game preserves, parks, and the like. In the case of landowners who had one or more tenants, renters, croppers, or managers, 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 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 that was neither owned nor leased by the farm operator, such as national forests, Taylor grazing land, State or other public lands, and some railroad and other privately owned lands, are not included.

**Irrigation.**—Irrigated land as defined by the Bureau of the Census is the net acreage of farmland to which irrigation water is applied. It does not include any land that was not irrigated during the Census year. Excluded also is uncultivated land in irrigated farms and irrigated nonfarm land.

Most of the irrigated land is in the 18 Western States (Alaska excluded) and Louisiana. In these States the Bureau of the Census collects information on acres irrigated, irrigation works, capital investment, etc. from irrigation companies, districts, and other organizations, and from farms that operate their own irrigation supply works. Information for other States is generally limited to the regular farm Census.

The development of irrigation projects rests primarily on the Bureau of Reclamation. By Congressional directive its activities are confined to the 19 Western States (including Alaska and Hawaii). The operation of irrigation works, upon complete development, is transferred to capable private water user organizations.

**Drainage.**—Most farmland drainage works serve to reclaim and improve the land. Other purposes are to protect the land against overflow, to rid the land of seepage from irrigation ditches, and to control alkali formation.

The Bureau of the Census in 1950 and 1960 enumerated, in general, only organized enterprises with 500 acres or more of drained farmland. In 1950, smaller irrigation enterprises which had their own drainage works were also included. In previous Censuses (1920 to 1940), all organized enterprises draining farmlands were included regardless of size. Privately drained lands of less than 500 acres have not been enumerated in any drainage Census. The change in procedure for 1950 materially reduced the number of enterprises enumerated, but affected very little the amount of drained land enumerated.

Eight of the 48 conterminous States—the 6 New England States, Pennsylvania, and West Virginia—have had no drainage projects reported in any of the Censuses of Drainage. In 1960, Arizona also had no drainage projects that qualified for inclusion.

**Soil conservation.**—Soil conservation district legislation has been enacted in all 50 States, and in Puerto Rico and the Virgin Islands. A soil conservation district is a political subdivision of a State, determined by petition and referendum of farmers in the area, and approved by the State Soil Conservation Committee. In most cases, districts have authority to solicit Federal, State, county, and private assistance for their soil and water conservation programs. On request of the local governing body of a district, the Department of Agriculture provides technical and other assistance.

**Farm prices and income.**—Information on prices received by farmers for products they sell and prices paid for articles they buy for production and family living are obtained by the Statistical Reporting Service of the Department of Agriculture from about 33,000 voluntary reporters, including farmers, local merchants, and handlers of agricultural products. Season average prices received by farmers are calculated by weighing midmonth prices by monthly sales during the crop marketing season, beginning with the first month in which a particular crop harvest begins.

Index numbers of prices received and of prices paid by farmers (see table 874) are based on current midmonth prices. Information on construction of the indexes is in Agricultural Handbook No. 118, Volume 1, *Agricultural Prices and Parity*, and on revisions in the January 1959 issue of *Agricultural Prices*, both published by the former Agricultural Marketing Service. The ratio of the index of prices received to the index of prices paid measures the monthly variation in the average per unit exchange value of farm products in terms of commodities and services brought by farmers.

Cash income is the cash receipts from farm marketings and represents quantities of agricultural products sold by farmers multiplied by prices received per unit of production at the local market. Gross farm income includes cash receipts and also Government payments, value of farm products consumed on the farm, and rental value of farm homes.

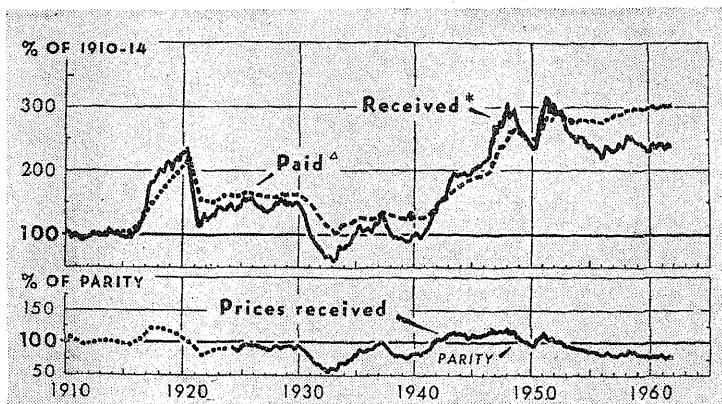
**Alaska and Hawaii.**—For a general statement concerning the treatment of data for Alaska and Hawaii, see preface.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics, Colonial Times to 1957*, series C 74-79") provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.



FIG. XXXVI. INDEXES OF PRICES RECEIVED AND PAID BY FARMERS: 1910 TO 1961

[See table 874]



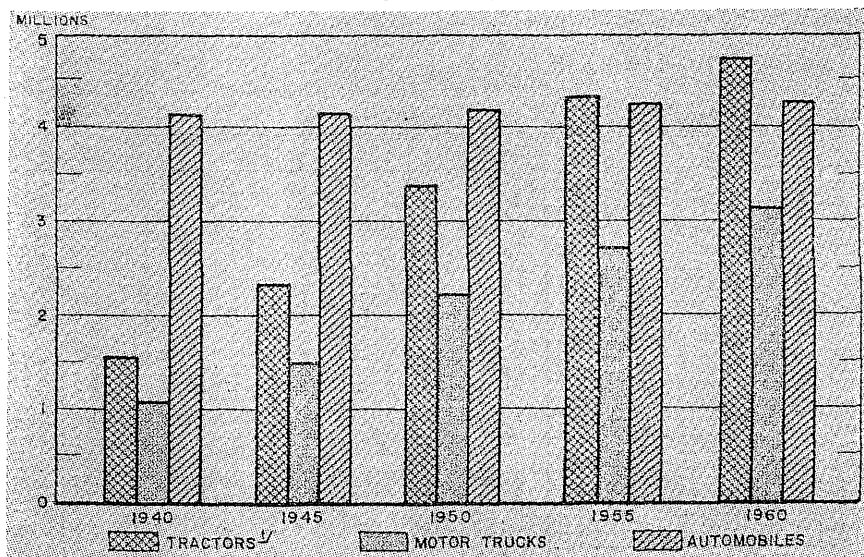
\*Monthly data.

^ Includes interest, taxes, and wage rates. Annual average data, 1910 to 1923; by quarters, 1924 to 1936; by months, 1937 to date.

Source: Department of Agriculture, Economic Research Service.

FIG. XXXVII. TRACTORS, MOTOR TRUCKS, AND AUTOMOBILES ON FARMS: 1940 TO 1960

[See table 885]

<sup>1</sup> Excludes garden tractors.

Source: Chart prepared by Department of Commerce, Bureau of the Census. Data are from Department of Agriculture, Economic Research Service.

# No. 838. FARM POPULATION—NUMBER, PERCENT OF TOTAL POPULATION, AND COMPONENTS OF CHANGE: 1920 TO 1961

[In thousands. Beginning 1960, includes Alaska and Hawaii. For definition of farm population, see text, p. 2. See also *Historical Statistics, Colonial Times to 1967*, series C 74-79]

[In thousands. Beginning 1960, includes Alaska and Hawaii. For 1961, estimates for 1951-1961 are April-centered annual averages. See also <i>Historical Statistics, Colonial Times to 1957</i> , series C 74-79.]													Farm population as a percent of total population 3
YEAR	Farm population, Apr. 1	CHANGE SINCE PRECEDING APRIL			Farm population as a percent of total population 3	YEAR	Farm population, Apr. 1	CHANGE SINCE PRECEDING APRIL			Farm population as a percent of total population 3		
		Net change: Births and deaths	Migration 2					Net change: Births and deaths	Migration 2				
			Net	To farms					From farms	Net		To farms	From farms
1920	31,974				30.1	1947	27,124	490	+151	1,768	1,617	18.0	
1925	31,190				27.0	1948	26,903	465	-1,686	1,016	2,702	17.7	
1930	30,529				24.9	1949	25,954	422	-371	1,171	1,542	17.5	
1935	32,161				25.3	1950	25,058	418	-1,314	995	2,300	16.6	
1936	31,737	375	-799	825	24.8	1951	24,160	404	-1,302	597	1,890	15.7	
						1952	24,283	394	-271	643	914	15.5	
1937	31,266	363	-834	719	24.3	1953	22,679	392	-1,996	528	2,524	14.3	
1938	30,980	375	-661	872	23.9	1954	22,099	382	-962	674	1,636	13.7	
1939	30,840	405	-545	823	23.6	1955	22,438	364	-25	547	572	13.6	
1940	30,547	410	-703	819	23.2	1956	22,362	359	-435	504	939	13.3	
1941	30,273	359	-633	696	22.7								
						1957	21,606	378	-1,134	461	1,595	12.7	
1942	29,234	385	-1,424	822	21.7	1958	21,388	358	-576	475	1,051	12.3	
1943	26,681	422	-2,975	824	19.6	1959	21,172	332	-548	440	988	12.0	
1944	25,495	377	-1,563	1,095	18.5	1960	20,541	(5)	(5)	(5)	(5)	11.4	
1945	25,295	394	-564	916	18.1	1960	15,635	(5)	(5)	(5)	(5)	8.7	
1946	26,483	824	+864	2,585	18.8	1961	14,893	(5)	(5)	(5)	(5)	8.1	

1 Estimates for 1920-1950 relate to April 1; estimates for 1951-1961 are April-centered annual averages.  
 2 Beginning 1940, includes inductions and enlistments into Armed Forces, and persons returning from Armed Forces. For all years includes persons who have not moved but who are in and out of the farm population because agricultural operations have ceased or have begun on the places where they are living.  
 3 Includes Armed Forces abroad. 4 Old definition; see text, p. 2. 5 Not available.

\* New definition; see text, p. 2.  
 Source: Department of Agriculture, Agricultural Marketing Service; *Farm Population, Migration to and From Farms, 1920-1954*, AMS 10; and *Farm Population, Estimates for 1950-59*, AMS-80 (1959); Bureau of the Census and Agricultural Marketing Service; *Estimates of the Rural-Farm Population of the United States, April 1960*, Census-AMS (P-27) No. 28; and Bureau of the Census and Economic Research Service; *Estimates of the Farm Population of the United States, April 1961*, Census-ERS (P-27) No. 31.

## No. 839. FARMS AND FARM PROPERTY—SUMMARY: 1930 TO 1961

[Excludes Alaska and Hawaii, except as noted. Revised estimates of farm population as of April 1 by Economic Research Service and Bureau of the Census; farm values, Economic Research Service as of March 1. See also *Historical Statistics, Colonial Times to 1967*, series K 1-7]

ITEM	1930	1940	1945	1950	1955	1959	1960	1961
Farm population	30,529	30,547	25,295	25,058	22,438	21,172	15,635	14,893
Percent of total population 2	24.9	23.2	18.1	16.6	13.6	12.0	8.7	8.1
Number of farms 3	6,546	6,350	5,907	5,648	4,664	4,097	3,940	3,811
Farmland and buildings, value, mil. dol.	47,873	33,636	53,384	75,266	98,780	128,988	130,225	131,770
Average value per farm	7,313	5,297	9,030	13,324	19,418	34,225	35,150	35,578
Average value per acre	48.52	31.71	47.20	64.96	85.29	115.15	116.25	117.04
Index of estimated value per acre: 4								
1912-14=100	114	82	124	174	224	282	291	294
1947-49=100	68	49	74	103	133	168	173	175
Farms changing ownership per 1,000 farms (estimated number) 5	61.5	62.8	69.5	62.2	46.6	48.1	47.1	44.5
Voluntary sales and trades 6	23.7	30.3	51.5	37.0	31.9	31.2	30.7	28.1
Forced sales and related defaults	20.8	15.8	2.9	1.8	2.4	2.0	2.2	2.0
Foreclosures of mortgages, bankruptcies, etc. 9	15.7	12.5	1.9	1.4	2.0	1.6	1.6	1.5
Delinquent taxes	5.1	3.3	1.0	0.4	0.4	0.4	0.6	0.5
Other transfers 10	17.0	16.7	15.1	13.4	12.3	14.8	14.2	14.5
Percentage of voluntary sales and trades: Purchased by local residents	82	83	82	79	79	77	78	77
Purchased for operation	81	78	74	80	78			
Occupation of purchaser:								
Active farmer	72	68	63	67	63	61	63	65
Retired farmer	4	4	3	5	4	4	3	3
Other occupation	24	28	34	28	33	35	34	32

1 Includes Alaska and Hawaii. New definition, see text. 1960 estimate comparable to 1959; 20,541,000.  
 2 Total population includes Armed Forces abroad.  
 3 Census figures, adjusted for underenumeration and changes in definition.  
 4 Census of Agriculture, as of Nov. 1.  
 5 Preliminary. Extrapolated from Bureau of the Census values for 1959 on basis of change in index of average value of land and buildings per acre.  
 6 As of Mar. 1. 7 Year ending Mar. 15. 8 Includes contracts to purchase (but not options).  
 9 Includes loss of title by default of contract, and surrender of title or transfers to avoid foreclosures.  
 10 Inheritance and gift transfers; sales in settlement of estates; and miscellaneous and unclassified sales.

Source: Department of Agriculture, Economic Research Service. Published in part in *Farm Real Estate Market Developments*.

# Number and Acreage of Farms

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## No. 840. FARMS—NUMBER AND ACREAGE, BY STATES: 1940 TO 1959

[For composition of regions, see fig. I, p. XII]

STATE	NUMBER OF FARMS (1,000)				ALL LAND IN FARMS (1,000 ACRES)				AVERAGE ACREAGE PER FARM		
	1940	1950	1954	1959	1940	1950	1954	1959	1950	1954	1959
U.S.-----	6,103	5,389	4,782	3,711	1,065,114	1,161,420	1,158,192	1,123,508	216	242	303
The North-----	2,580	2,268	2,043	1,715	435,088	440,828	434,477	421,440	194	213	246
The South-----	3,007	2,652	2,317	1,646	370,108	393,215	386,280	357,448	148	167	217
The West-----	516	469	423	349	259,858	327,377	337,426	344,620	698	798	987
New England-----	135	103	82	57	13,371	12,547	11,121	9,316	122	136	164
Maine-----	39	30	23	17	4,223	4,182	3,614	3,082	138	155	178
New Hampshire-----	17	13	10	7	1,809	1,714	1,457	1,124	128	140	172
Vermont-----	24	19	16	12	3,667	3,527	3,318	2,945	185	208	243
Massachusetts-----	32	22	17	11	1,938	1,660	1,439	1,142	75	83	102
Rhode Island-----	3	3	2	1	222	191	155	138	74	77	99
Connecticut-----	21	16	13	8	1,512	1,272	1,138	884	82	89	107
Middle Atlantic-----	348	297	257	198	33,639	31,855	29,898	26,730	107	116	135
New York-----	153	125	100	82	17,170	16,017	15,071	13,400	128	143	164
New Jersey-----	28	25	23	15	1,874	1,725	1,665	1,370	70	73	89
Pennsylvania-----	169	147	129	100	14,594	14,113	13,162	11,862	96	102	119
East North Central-----	1,006	885	799	666	113,655	112,098	108,597	103,386	127	136	155
Ohio-----	234	199	177	140	21,908	20,060	19,092	18,507	105	113	132
Indiana-----	185	167	154	128	10,801	10,659	10,233	18,613	118	125	145
Illinois-----	213	195	176	155	31,033	30,978	30,390	30,327	159	173	196
Michigan-----	188	156	139	112	18,038	17,270	16,467	14,783	111	119	132
Wisconsin-----	187	169	154	131	22,876	23,221	22,507	21,156	138	147	161
West North Central-----	1,091	983	905	795	274,423	284,329	284,861	282,007	289	315	355
Minnesota-----	197	179	165	146	32,607	32,893	32,285	30,796	184	195	211
Iowa-----	213	203	193	175	34,140	34,265	34,045	33,831	169	177	194
Missouri-----	256	230	202	169	34,740	35,123	34,195	33,153	153	170	197
North Dakota-----	74	65	62	55	87,936	11,194	41,877	41,466	630	676	755
South Dakota-----	72	66	63	56	30,474	44,786	44,949	44,851	674	719	805
Nebraska-----	121	107	101	90	47,344	47,467	47,487	47,756	443	471	528
Kansas-----	156	131	120	104	48,174	48,611	50,024	50,153	370	416	481
South Atlantic-----	1,019	959	859	592	92,555	102,170	98,259	83,339	107	114	141
Delaware-----	9	7	6	5	806	851	814	763	114	129	146
Maryland-----	42	36	32	25	4,198	4,056	3,807	3,457	112	120	138
Dist. of Columbia-----	(1)	(1)	(2)	(2)	2	1	(2)	(2)	45	(2)	(2)
Virginia-----	175	151	136	98	16,445	15,572	14,686	13,126	103	108	135
West Virginia-----	99	81	69	44	8,909	8,215	7,352	6,063	101	107	138
North Carolina-----	278	280	268	191	18,845	19,318	18,260	15,888	67	68	83
South Carolina-----	138	139	124	78	11,230	11,879	11,069	9,149	85	80	117
Georgia-----	216	198	166	106	23,684	25,751	24,019	19,653	130	145	185
Florida-----	62	57	58	45	8,338	16,528	18,102	15,237	290	316	338
East South Central-----	1,023	913	799	563	77,086	79,576	77,202	68,285	87	98	121
Kentucky-----	253	218	193	151	20,294	19,442	18,034	17,031	89	93	113
Tennessee-----	248	232	203	158	18,493	18,534	17,654	16,081	80	87	102
Alabama-----	232	212	177	116	19,143	20,850	20,810	16,543	99	118	142
Mississippi-----	201	251	216	138	19,156	20,711	20,702	18,630	82	96	135
West South Central-----	964	780	668	491	200,527	211,469	210,823	205,824	271	316	419
Arkansas-----	217	182	145	95	18,045	18,871	17,044	16,459	103	124	173
Louisiana-----	150	124	111	74	9,096	11,202	11,441	10,347	90	103	139
Oklahoma-----	180	142	110	95	34,803	36,007	35,630	35,801	253	300	378
Texas-----	418	332	293	227	137,693	145,380	145,813	143,218	439	498	631
Mountain-----	233	195	180	149	191,901	250,213	260,942	264,429	1,284	1,450	1,774
Montana-----	42	35	33	29	46,452	59,247	61,409	64,081	1,680	1,839	2,213
Idaho-----	44	40	39	34	10,298	13,224	14,304	15,232	328	371	452
Wyoming-----	15	13	11	10	28,026	34,421	34,089	36,200	2,729	3,069	3,715
Colorado-----	51	46	41	33	31,527	37,053	38,385	38,787	833	942	1,162
New Mexico-----	34	24	21	16	38,860	47,522	40,451	46,203	2,014	2,347	2,908
Arizona-----	18	10	9	7	25,651	30,016	41,790	40,203	3,834	4,483	5,558
Utah-----	25	24	23	18	7,302	10,865	12,262	12,689	449	537	712
Nevada-----	4	3	3	2	3,785	7,064	8,231	10,943	2,271	2,881	4,649
Pacific-----	283	274	243	200	67,956	77,164	76,484	80,191	279	315	401
Washington-----	82	70	65	52	15,182	17,300	17,641	18,717	249	271	363
Oregon-----	62	60	54	43	17,088	20,329	21,047	21,236	340	387	490
California-----	133	137	123	99	30,524	36,013	37,705	36,888	267	307	372
Alaska-----	1	1	(2)	(1)	1,776	422	(2)	888	803	(2)	2,421
Hawaii-----	5	6	(2)	6	2,486	2,432	(2)	2,461	423	(2)	894

<sup>1</sup> Less than 500. <sup>2</sup> Not available.

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Agriculture: 1950*, Vol. II.

## No. 841. FARMS—NUMBER AND ACREAGE, BY SIZE OF FARM: 1930 TO 1959

[Excludes Alaska and Hawaii, 1950 data, except number of farms, based on a sample of farms. May not agree with other 1950 sample data, since size data were not adjusted to agree with total count of farms. Minus sign (-) denotes decrease. See also *Historical Statistics, Colonial Times to 1967*, series K 61-72]

SIZE OF FARM	1930	1940	1945	1950	1954	PERCENT DISTRIBUTION				
						1930	1940	1945	1950	1954
NUMBER OF FARMS										
Total.....	6,288,648	6,096,799	5,859,169	5,382,162	4,782,416	100.0	100.0	100.0	100.0	100.0
Under 10 acres.....	358,504	506,402	594,561	494,914	484,291	5.7	8.3	10.1	9.0	10.1
10 to 29 acres.....	(1)	1,012,971	945,608	853,608	713,335	(1)	16.6	16.1	15.9	14.9
30 to 49 acres.....	(1)	767,289	708,796	624,242	499,496	(1)	12.6	12.1	11.6	10.4
50 to 99 acres.....	1,374,965	1,291,048	1,167,320	1,047,801	864,063	21.9	21.2	19.8	19.5	18.0
100 to 179 acres.....	(1)	1,309,741	1,199,809	1,102,562	953,109	(1)	21.5	20.5	20.5	20.0
180 to 259 acres.....	(1)	480,336	493,215	487,325	463,698	(1)	8.0	8.4	9.1	9.7
260 to 499 acres.....	451,338	468,787	473,184	478,084	482,246	7.2	7.5	8.1	8.9	10.1
500 to 999 acres.....	159,096	163,694	173,777	182,264	191,697	2.5	2.7	3.0	3.4	4.0
1,000 acres and over.....	80,620	100,531	112,899	121,362	130,481	1.3	1.6	1.9	2.3	2.7
LAND IN FARMS (1,000 acres)										
Total.....	986,771	1,060,852	1,141,615	1,159,789	1,158,192	100.0	100.0	100.0	100.0	100.0
Under 10 acres.....	1,908	2,668	2,805	2,430	2,260	0.2	0.3	0.2	0.2	0.2
10 to 29 acres.....	(1)	18,111	16,864	15,391	12,704	(1)	1.7	1.5	1.3	1.1
30 to 49 acres.....	(1)	29,388	27,074	23,945	19,165	(1)	2.8	2.4	2.1	1.7
50 to 99 acres.....	98,685	93,317	83,206	75,628	62,725	10.0	8.8	7.3	6.5	5.4
100 to 179 acres.....	(1)	177,509	162,375	149,942	130,120	(1)	18.7	14.2	12.9	11.2
180 to 259 acres.....	(1)	104,289	105,802	105,388	99,863	(1)	9.8	9.3	9.1	8.6
260 to 499 acres.....	150,522	169,599	164,648	166,584	168,368	15.9	15.0	14.4	14.4	14.5
500 to 999 acres.....	108,924	111,935	118,836	125,981	131,606	11.0	10.6	10.4	10.9	11.4
1,000 acres and over.....	276,213	364,069	460,006	494,601	531,482	28.0	34.3	40.3	42.6	45.9

SIZE OF FARM	1959								
	Number of farms	Land in farms		Percent increase, 1954 to 1959		Crop-land harvested (1,000 acres)	Percent distribution		
		Total (1,000 acres)	Average per farm (acres)	Number of farms	Land in farms		Number of farms	All land in farms	Crop-land harvested
Total.....	3,703,894	1,120,158	302.4	-22.6	-3.3	313,446	100.0	100.0	100.0
Under 10 acres.....	240,733	1,039	4.3	-50.3	-54.0	452	6.5	0.1	0.1
10 to 49 acres.....	811,202	21,808	26.0	-33.1	-31.6	9,086	21.9	1.9	2.9
50 to 99 acres.....	657,685	47,929	72.9	-23.9	-23.6	18,280	17.8	4.3	5.8
100 to 179 acres.....	772,241	105,604	136.9	-19.0	-18.8	46,929	20.8	9.4	15.0
180 to 259 acres.....	414,373	89,482	215.9	-10.6	-10.4	43,198	11.2	8.0	13.8
260 to 499 acres.....	471,396	165,389	350.8	-2.2	-1.8	78,826	12.7	14.8	25.1
500 to 999 acres.....	199,965	137,319	686.7	4.3	4.4	54,303	5.4	12.3	17.3
1,000 acres and over.....	136,299	551,498	4,046.2	4.5	3.8	62,371	3.7	49.2	19.0

<sup>1</sup> Not available.

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Agriculture: 1950*, Vol. II, *U.S. Census of Agriculture: 1954*, Vol. II, and *U.S. Census of Agriculture: 1959*, Vol. II.

## No. 842. AVERAGE ACREAGE PER FARM, BY ECONOMIC CLASS: 1940 TO 1959

[Excludes Alaska and Hawaii. See headnote, table 845]

ECONOMIC CLASS	1940	1945	1950	1954	1959
All farms.....	174	195	215	242	302
Commercial farms.....	220	255	300	336	404
By value of sales:					
\$25,000 and over.....	2,900	2,480	2,422	1,039	793
\$10,000 to \$24,999.....	536	585	667	538	
\$5,000 to \$9,999.....	292	299	298	312	288
\$2,500 to \$4,999.....	189	184	191	201	192
\$1,200 to \$2,499.....	118	112	131	133	
\$250 to \$1,199.....	90	89	85	97	100
Noncommercial farms.....	80	74	65	71	113

<sup>1</sup> \$50 to \$2,499.

Source: Department of Agriculture, Economic Research Service; *Family Farms in a Changing Economy*. (Agriculture Information Bulletin No. 171.)

## No. 843. FARMS—NUMBER, BY SIZE, BY STATES: 1959

[For composition of regions, see fig. I, p. XII]

STATE	Total number of farms	Under 10 acres	10 to 49 acres	50 to 99 acres	100 to 179 acres	180 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 acres and over
U.S.....	3,710,503	244,328	813,216	657,990	772,508	414,475	471,547	200,012	136,427
The North.....	1,715,441	66,650	221,963	271,840	438,635	268,813	209,495	103,441	44,604
The South.....	1,645,949	127,584	500,413	344,082	293,356	126,401	141,418	69,955	42,740
The West.....	349,113	50,094	90,840	42,068	40,517	10,261	30,634	26,616	49,083
New England.....	56,867	5,171	11,458	10,138	12,297	7,006	7,825	2,460	512
Maine.....	17,360	706	2,711	3,737	4,543	2,306	2,299	763	205
New Hampshire.....	6,542	434	1,314	1,216	1,435	829	922	331	61
Vermont.....	12,099	427	1,088	1,246	2,806	2,234	3,178	956	165
Massachusetts.....	11,179	2,057	3,391	2,028	1,807	891	748	216	41
Rhode Island.....	1,395	287	401	297	218	84	63	36	9
Connecticut.....	8,292	1,170	2,553	1,614	1,480	662	615	158	31
Middle Atlantic.....	197,867	15,074	38,227	42,974	52,466	24,842	19,833	3,824	627
New York.....	82,356	4,863	12,547	14,834	21,914	13,192	12,245	2,415	346
New Jersey.....	15,459	3,320	4,898	2,477	2,660	1,149	735	167	58
Pennsylvania.....	100,052	6,891	20,787	25,663	27,892	10,501	6,853	1,242	223
East North Central.....	666,189	26,228	107,196	136,723	186,860	104,209	88,319	15,016	1,638
Ohio.....	140,363	7,094	27,012	34,555	38,619	17,416	13,160	2,216	281
Indiana.....	128,100	6,631	26,928	26,931	30,421	17,545	16,502	2,906	206
Illinois.....	154,644	6,245	18,668	20,079	39,045	31,154	32,680	6,190	574
Michigan.....	111,817	3,545	23,225	20,007	29,948	13,856	10,338	1,690	208
Wisconsin.....	131,215	2,713	11,363	26,151	48,827	24,238	15,630	2,014	270
West North Central.....	794,518	20,177	65,082	82,005	187,012	132,756	183,518	82,141	41,827
Minnesota.....	145,662	2,925	10,128	17,430	46,346	31,294	30,920	5,773	837
Iowa.....	174,707	5,457	13,727	18,559	56,994	40,808	34,342	4,475	345
Missouri.....	168,672	5,408	26,216	20,798	40,820	25,871	29,866	9,037	1,656
North Dakota.....	54,928	268	850	680	3,321	2,190	15,591	20,661	11,367
South Dakota.....	55,727	689	1,855	1,762	6,705	5,845	18,137	11,219	9,515
Nebraska.....	90,475	2,478	4,896	5,075	17,069	15,179	20,675	11,266	8,037
Kansas.....	104,347	2,952	7,610	8,701	15,757	11,569	27,978	19,710	10,070
South Atlantic.....	592,153	52,977	206,680	131,545	99,054	40,774	37,676	15,890	7,557
Delaware.....	5,208	568	1,200	1,073	1,065	568	504	182	43
Maryland.....	25,122	2,623	6,008	4,684	5,617	2,845	2,468	716	161
Virginia.....	97,623	8,038	28,914	21,668	18,925	8,272	7,721	3,087	998
West Virginia.....	44,011	1,713	11,373	11,465	10,192	4,175	3,475	1,236	382
North Carolina.....	190,507	17,806	81,112	40,612	26,823	8,839	6,664	2,041	670
South Carolina.....	78,172	6,714	34,483	15,798	10,151	3,906	4,105	1,986	1,029
Georgia.....	106,350	6,867	27,930	23,864	20,947	9,486	9,834	4,917	2,505
Florida.....	45,100	8,648	15,660	6,381	5,334	2,683	2,605	1,725	1,764
East South Central.....	562,604	46,949	188,047	133,537	104,049	39,319	32,979	12,000	5,724
Kentucky.....	150,986	13,752	37,271	30,473	34,526	13,234	9,734	2,408	523
Tennessee.....	157,688	14,807	52,746	38,467	28,948	10,955	8,528	2,485	692
Alabama.....	115,788	7,656	43,058	26,525	18,493	7,172	6,913	3,317	2,054
Mississippi.....	138,142	10,674	54,372	29,072	22,082	7,958	7,804	3,730	2,450
West South Central.....	491,192	27,658	105,686	79,000	90,253	46,308	70,763	42,065	29,459
Arkansas.....	95,007	5,998	26,103	19,892	18,937	8,912	8,074	4,272	1,919
Louisiana.....	74,438	7,900	33,750	13,753	8,422	3,362	3,536	2,189	1,526
Oklahoma.....	94,676	2,307	11,294	11,757	20,307	10,040	20,527	11,936	5,908
Texas.....	227,071	10,853	34,539	33,598	42,587	23,994	37,726	23,668	20,106
Mountain.....	149,080	10,547	21,943	15,647	19,933	9,833	18,600	17,113	36,064
Montana.....	28,959	675	1,600	1,353	2,451	1,407	3,531	4,071	13,181
Idaho.....	33,670	2,625	6,013	5,853	6,731	2,904	3,983	2,773	2,788
Wyoming.....	9,744	155	529	494	1,140	731	1,519	1,213	3,063
Colorado.....	33,390	1,934	3,976	2,717	4,590	2,268	4,856	4,834	8,215
New Mexico.....	15,919	1,766	3,232	1,273	1,448	740	1,580	1,663	4,217
Arizona.....	7,233	1,020	1,505	738	758	301	740	672	1,400
Utah.....	17,811	2,243	4,597	2,917	2,503	1,230	1,526	1,075	1,720
Nevada.....	2,354	129	401	302	312	162	265	212	571
Pacific.....	200,033	39,547	68,897	26,421	20,584	9,428	12,634	9,593	13,019
Washington.....	51,577	6,701	18,704	7,657	6,030	2,596	3,366	2,893	3,630
Oregon.....	42,573	5,141	13,600	6,807	5,744	2,644	3,281	2,069	3,248
California.....	99,274	24,110	34,570	11,652	8,543	4,086	5,836	4,464	6,013
Alaska.....	367	26	43	44	55	43	43	13	17
Hawaii.....	6,242	3,569	1,988	262	123	47	108	34	111

# No. 844. FARM REAL ESTATE—INDEXES OF AVERAGE VALUE PER ACRE, BY STATES: 1940 TO 1962

[1947-49=100. As of March 1. Value of farmland with improvements]

STATE	1940	1950	1955	1960	1962	STATE	1940	1950	1955	1960	1962
<b>U.S.<sup>1</sup></b> .....	49	103	133	173	183	<b>South Atlantic—Con.</b>					
<b>New England:</b>						Virginia.....	48	101	135	178	197
Maine.....	69	95	104	134	143	West Virginia.....	58	95	110	145	155
New Hampshire.....	67	97	105	137	147	North Carolina.....	43	106	140	173	194
Vermont.....	58	101	104	137	143	South Carolina.....	43	97	121	163	176
Massachusetts.....	74	99	106	147	156	Georgia.....	45	99	138	201	221
Rhode Island.....	66	101	108	155	167	Florida.....	57	97	141	252	300
Connecticut.....	65	100	111	155	161	<b>East South Central:</b>					
<b>Middle Atlantic:</b>						Kentucky.....	42	102	115	153	167
New York.....	59	105	119	149	150	Tennessee.....	42	103	118	155	170
New Jersey.....	62	103	132	194	204	Alabama.....	47	101	125	174	187
Pennsylvania.....	58	102	134	181	192	Mississippi.....	46	106	137	191	213
<b>East North Central:</b>						<b>West South Central:</b>					
Ohio.....	46	101	141	180	185	Arkansas.....	40	105	126	170	185
Indiana.....	44	103	147	186	184	Louisiana.....	57	105	138	198	215
Illinois.....	50	108	142	182	181	Oklahoma.....	50	108	136	177	189
Michigan.....	46	100	133	173	176	Texas.....	55	102	137	176	193
Wisconsin.....	58	101	113	144	152	<b>Mountain:</b>					
<b>West North Central:</b>						Montana.....	43	104	146	191	201
Minnesota.....	55	109	135	182	186	Idaho.....	43	107	142	176	182
Iowa.....	50	108	133	161	157	Wyoming.....	40	100	123	145	158
Missouri.....	50	106	130	172	186	Colorado.....	37	104	128	145	161
North Dakota.....	48	107	132	182	189	New Mexico.....	36	107	136	157	164
South Dakota.....	47	111	139	173	184	Arizona.....	40	99	137	176	192
Nebraska.....	47	104	134	160	169	Utah.....	49	107	137	168	166
Kansas.....	45	106	129	160	168	Nevada.....	49	99	139	173	
<b>South Atlantic:</b>						<b>Pacific:<sup>1</sup></b>					
Delaware.....	55	98	130	184	196	Washington.....	45	101	137	179	183
Maryland.....	50	99	136	185	205	Oregon.....	41	99	128	159	174
						California.....	42	94	128	182	202

<sup>1</sup> Excludes Alaska and Hawaii.Source: Department of Agriculture, Economic Research Service, periodic report, *Farm Real Estate Market Developments*; and Statistical Reporting Service, annual report, *Agricultural Statistics*.

## No. 845. FARMS—NUMBER, BY ECONOMIC CLASS: 1929 TO 1959

[In thousands. Excludes Alaska and Hawaii. Based on Bureau of the Census data. Figures for 1959 differ from totals in table 846 due to difference in classification of farms. For example, in the group having sales of \$1,200 to \$2,499 Department of Agriculture includes only those farms for which such sales provide the major source of family income, whereas Bureau of the Census includes all farms falling within that sales range]

ECONOMIC CLASS	1929	1939	1944	1949	1954	1959 <sup>1</sup>
<b>All farms</b> .....	6,289	6,097	5,859	5,382	4,782	3,704
<b>Commercial farms</b> .....	4,723	4,265	3,941	3,465	3,100	
By value of sales: <sup>2</sup>						
\$25,000 and over.....	47	60	91	103	134	704
\$10,000 to \$24,999.....	205	252	347	381	449	
\$5,000 to \$9,999.....	560	585	723	721	707	
\$2,500 to \$4,999.....	1,078	1,015	976	882	811	
\$1,200 to \$2,499 <sup>3</sup> .....	1,274	1,070	867	661	536	618
\$250 to \$1,199 <sup>4</sup> .....	1,569	1,283	937	717	463	
<b>Noncommercial farms</b> .....	1,480	1,685	1,738	1,917	1,682	1,638
Part-time and residential (sales under \$2,500) <sup>4</sup> .....	924	1,181	1,345	1,870	1,507	
Subsistence (sales under \$250) <sup>5</sup> .....	556	504	393	247	175	
<b>Excluded by revised definition<sup>5</sup></b> .....	86	147	180			

<sup>1</sup> Not comparable with prior years. A change in the 1959 census definition of a farm excluded 232,000 that would have been considered farms in the 1950 and 1954 Censuses of Agriculture. See text, p. 605.<sup>2</sup> Value intervals in early years deflated to 1954 level of prices received by farmers for farm products.<sup>3</sup> With operator not working off the farm as much as 100 days and farm sales greater than income of family members from off-farm sources.<sup>4</sup> With operator working off the farm 100 or more days, or other income of family members exceeding sales from the farm.<sup>5</sup> Farms listed in earlier censuses that would not have met the minimum criteria used in the 1950, 1954, and 1959 Censuses of Agriculture.Source: Department of Agriculture, Economic Research Service; *Family Farms in a Changing Economy* (Agriculture Information Bulletin No. 171), and records.

# Economic Class of Farms

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## No. 846. FARMS—NUMBER, BY ECONOMIC CLASS, BY STATES: 1959

[Based on reports for a sample of farms. For composition of regions, see fig. 1, p. XII. For total commercial farms and other farms, see table 860]

STATE	All farms	COMMERCIAL FARMS BY VALUE OF FARM PRODUCTS SOLD						OTHER FARMS <sup>1</sup>		
		\$50 to \$2,499	\$2,500 to \$4,999	\$5,000 to \$9,999	\$10,000 to \$19,999	\$20,000 to \$39,999	\$40,000 and over	Part-time	Part-retirement	Abnormal
U.S.	3,707,973	348,954	617,677	653,881	483,004	210,402	102,099	884,785	404,110	3,061
North.	1,714,492	89,591	297,985	407,192	317,932	118,933	40,862	295,825	144,870	1,302
South.	1,645,028	244,768	277,503	192,540	111,059	54,643	31,255	500,652	231,663	945
West.	348,453	14,595	42,189	54,149	54,013	36,826	29,982	88,308	27,577	814
N.E.	56,861	2,386	6,417	8,806	9,663	5,859	2,696	15,123	5,783	128
Maine.	17,342	679	1,714	2,099	2,533	1,825	935	5,308	2,221	28
N. H.	6,544	242	708	920	914	445	190	2,205	902	18
Vt.	12,167	545	1,672	2,914	2,667	971	237	2,341	811	9
Mass.	11,140	482	1,451	1,568	1,837	1,258	557	3,033	922	41
R. I.	1,400	116	176	210	266	220	98	220	92	2
Conn.	8,259	322	696	1,095	1,446	1,140	679	2,016	835	30
M.A.	197,866	8,228	26,446	37,581	35,181	14,950	4,943	51,285	18,939	313
N. Y.	82,354	2,778	11,183	17,323	16,707	6,658	2,111	18,723	6,769	102
N. J.	15,463	535	1,723	2,331	3,434	2,568	1,135	2,611	1,006	30
Pa.	100,049	4,915	13,540	17,927	15,040	5,724	1,607	29,951	11,074	181
E.N.C.	666,118	32,637	119,236	148,804	113,314	38,633	11,376	138,663	63,011	444
Ohio.	140,366	7,716	25,578	26,784	17,638	5,585	1,707	38,020	17,161	177
Ind.	128,143	6,615	22,640	24,811	20,314	7,659	1,892	30,076	14,066	70
Ill.	154,652	6,071	21,062	34,303	38,848	17,345	5,609	20,041	11,225	58
Mich.	111,765	6,362	21,647	10,363	12,779	3,823	1,068	34,149	12,511	63
Wis.	131,192	5,873	28,309	43,543	23,735	4,221	1,010	16,377	8,048	76
W.N.C.	793,647	46,340	145,886	212,001	159,774	59,491	21,847	90,754	57,137	417
Minn.	145,639	9,271	28,223	44,546	28,428	7,503	2,330	17,010	8,242	85
Iowa.	174,685	5,645	23,547	47,428	48,025	21,674	8,110	11,660	8,621	75
Mo.	168,679	14,768	34,479	30,398	18,365	6,394	2,274	39,566	22,364	71
N. Dak.	54,791	4,379	12,462	18,756	11,078	2,948	784	2,623	1,716	45
S. Dak.	56,496	4,240	12,443	17,954	10,484	3,429	1,131	2,072	2,786	47
Nebr.	90,223	3,517	15,263	26,485	22,808	8,033	3,741	4,711	4,618	57
Kans.	104,134	4,520	19,469	26,434	20,586	8,610	3,477	12,212	8,790	36
S.A.	591,863	79,050	103,524	79,113	40,855	17,811	9,333	179,175	82,559	443
Del.	5,203	270	545	918	983	773	398	836	475	5
Md.	25,108	1,383	3,695	4,064	4,008	2,142	847	6,306	2,696	37
Va.	97,619	14,630	16,084	9,408	5,438	2,749	1,218	30,820	17,220	52
W. Va.	43,982	4,046	3,531	2,063	1,336	500	229	21,458	9,895	24
N. C.	190,511	26,904	43,311	33,579	12,055	3,144	1,085	47,285	20,068	110
S. C.	78,163	13,501	18,164	9,344	3,823	1,603	808	25,342	10,453	35
Ga.	106,271	14,067	17,698	14,784	9,358	4,279	1,760	31,456	12,781	79
Fla.	45,006	3,259	5,656	4,053	3,864	2,621	2,079	15,612	5,971	101
E.S.C.	562,538	114,182	98,736	51,176	22,866	8,862	4,628	175,169	86,713	206
Ky.	150,972	27,157	30,438	18,420	7,808	2,264	564	40,461	23,768	92
Tenn.	157,695	20,698	30,122	14,792	6,718	1,760	640	50,630	24,375	51
Ala.	115,773	24,274	16,000	8,906	4,864	2,050	1,156	40,770	17,123	30
Miss.	138,098	33,153	22,176	9,058	4,476	2,188	2,259	43,308	21,447	33
W.S.C.	490,627	51,536	75,243	62,251	47,338	27,970	17,294	146,308	62,391	296
Ark.	94,980	13,484	14,322	9,918	7,350	4,276	3,112	20,361	15,108	49
La.	74,370	13,010	9,204	5,342	3,761	2,109	1,289	28,625	10,093	37
Okla.	94,678	8,219	16,801	15,864	10,638	4,054	1,366	28,143	9,539	54
Tex.	226,599	16,823	34,916	31,127	25,589	17,531	11,527	69,279	29,651	156
Mt.	148,507	7,439	20,465	28,148	27,934	16,612	10,171	27,737	9,496	514
Mont.	28,802	1,234	4,024	6,670	6,337	3,360	1,444	3,652	1,583	43
Idaho.	33,648	1,264	4,895	7,164	7,038	3,550	1,660	6,067	1,906	104
Wyo.	9,705	496	1,390	1,990	2,160	1,268	771	1,136	467	18
Colo.	33,183	1,745	4,471	6,375	6,850	4,077	2,627	5,156	1,853	29
N. Mex.	15,869	1,740	1,904	1,840	1,837	1,407	1,071	4,284	1,717	69
Ariz.	7,173	252	652	920	984	1,609	1,693	2,394	73	73
Utah.	17,811	606	2,871	3,216	2,450	1,163	638	5,286	1,430	151
Nev.	2,316	93	258	328	292	303	351	523	146	22
Pac.	199,946	7,165	21,724	26,001	26,079	20,214	19,811	60,571	18,081	300
Wash.	51,554	1,783	5,348	6,417	6,967	4,781	2,867	13,383	4,984	44
Oreg.	42,551	1,811	5,207	5,518	4,654	3,158	2,154	14,045	4,762	52
Calif.	99,232	3,090	10,311	13,335	13,632	12,035	14,526	24,341	7,782	180
Alaska.	367	26	28	31	44	36	20	154	25	3
Hawaii.	6,242	455	830	700	482	204	244	2,748	558	21

<sup>1</sup> See headnote, table 848.

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Agriculture: 1959*, Vol. II.

## No. 847. FARMS—VALUE OF LAND AND BUILDINGS, BY STATES: 1940 to 1959

[Beginning 1950, figures are based on reports for a sample of farms. For composition of regions, see fig. I, p. XII]

STATE	TOTAL VALUE (\$1,000,000) <sup>1</sup>				AVERAGE VALUE PER FARM <sup>2</sup> (dollars)			AVERAGE VALUE PER ACRE (dollars)		
	1940	1950	1954	1959	1950	1954	1959	1950	1954	1959
U.S. <sup>3</sup> .....	33,642	75,261	97,583	129,005	13,983	20,405	34,826	64.96	84.25	115.08
The North.....	18,900	38,455	48,025	61,761	16,955	23,506	36,003	87.23	110.54	146.55
The South.....	9,716	22,855	29,549	39,011	8,654	12,755	23,702	58.38	76.50	109.14
The West <sup>4</sup> .....	5,016	13,550	20,009	28,233	30,000	47,334	82,342	42.08	59.30	82.51
New England.....	741	1,222	1,253	1,414	11,839	15,303	24,860	97.40	112.67	151.75
Maine.....	124	227	210	256	7,462	9,392	14,756	54.17	60.72	83.11
New Hampshire.....	62	125	125	118	9,323	11,089	18,046	72.85	85.65	105.99
Vermont.....	111	196	202	240	10,314	12,062	19,837	55.08	60.99	81.40
Massachusetts.....	212	315	322	354	14,163	18,552	31,692	189.54	223.81	310.14
Rhode Island.....	26	44	53	52	17,062	26,475	37,571	232.02	342.02	370.08
Connecticut.....	205	315	331	393	20,189	25,971	47,372	247.77	291.07	444.13
Middle Atlantic.....	2,039	3,485	4,156	4,879	11,747	16,156	24,657	109.42	139.02	182.52
New York.....	947	1,467	1,675	1,971	11,742	15,844	23,936	91.62	111.14	146.13
New Jersey.....	228	505	672	717	20,343	29,635	46,397	292.84	403.73	520.12
Pennsylvania.....	864	1,513	1,809	2,190	10,299	14,039	21,892	107.10	137.46	184.65
East North Central.....	7,334	14,704	18,942	24,737	16,607	23,717	37,132	131.17	174.43	239.27
Ohio.....	1,444	2,850	3,707	4,573	14,341	20,937	32,583	130.34	185.45	247.11
Indiana.....	1,251	2,691	3,733	4,933	16,151	24,303	38,499	136.90	194.08	265.02
Illinois.....	2,537	5,395	7,036	9,580	27,628	40,083	61,946	174.15	231.47	315.87
Michigan.....	913	1,701	2,195	2,855	10,935	15,800	25,535	98.52	133.29	193.15
Wisconsin.....	1,189	2,057	2,271	2,796	12,203	14,789	21,309	88.58	100.90	132.16
West North Central.....	8,796	19,444	23,673	30,732	19,379	26,151	38,680	66.98	83.10	108.98
Minnesota.....	1,443	2,777	3,478	4,749	15,507	21,051	32,005	84.46	107.74	154.22
Iowa.....	2,691	5,507	6,770	8,587	27,105	35,090	49,150	160.71	198.86	263.82
Missouri.....	1,107	2,236	2,785	3,727	9,720	13,815	22,094	63.66	81.45	112.40
North Dakota.....	490	1,189	1,493	2,141	18,178	24,110	38,978	28.86	35.66	51.63
South Dakota.....	505	1,402	1,767	2,277	21,095	28,263	40,852	31.30	39.31	50.74
Nebraska.....	1,138	2,735	3,400	4,234	25,517	33,713	46,796	57.62	71.60	88.66
Kansas.....	1,421	3,199	3,980	5,017	24,344	33,117	48,084	65.80	79.55	100.04
South Atlantic.....	3,160	7,160	9,555	12,832	7,466	11,123	21,671	70.08	97.24	153.98
Delaware.....	55	97	128	180	13,043	20,287	34,551	114.11	156.88	235.08
Maryland.....	274	507	601	982	14,048	21,258	30,095	125.07	177.30	294.12
District of Columbia.....	6	5	( <sup>1</sup> )	( <sup>1</sup> )	166,643	( <sup>1</sup> )	( <sup>1</sup> )	3,683.64	( <sup>1</sup> )	( <sup>1</sup> )
Virginia.....	675	1,277	1,551	1,819	8,458	11,360	18,635	82.05	105.61	138.60
West Virginia.....	730	1,497	1,497	450	5,983	7,248	10,230	59.31	67.61	74.27
North Carolina.....	277	906	2,346	2,949	6,805	8,758	15,475	98.65	128.49	155.01
South Carolina.....	338	820	965	1,226	5,896	7,769	15,685	60.06	87.18	134.01
Georgia.....	480	1,115	1,442	1,908	5,623	8,710	17,944	43.28	60.03	97.03
Florida.....	324	946	1,935	3,317	16,617	33,627	73,554	57.23	106.54	217.72
East South Central.....	2,325	5,169	6,086	7,855	5,662	7,709	13,962	64.96	78.84	115.03
Kentucky.....	776	1,572	1,722	2,305	7,196	8,900	15,269	80.87	95.49	135.37
Tennessee.....	604	1,432	1,635	2,096	6,182	8,040	13,288	77.26	92.62	130.30
Alabama.....	400	1,017	1,206	1,480	4,800	6,816	12,780	48.60	57.96	89.45
Mississippi.....	475	1,148	1,523	1,974	4,566	7,053	14,292	55.42	73.50	105.97
West South Central.....	4,232	10,626	13,908	18,324	13,616	20,817	37,306	50.25	65.97	99.93
Arkansas.....	457	1,136	1,378	1,707	6,225	9,490	18,915	60.18	76.77	109.19
Louisiana.....	354	921	1,278	1,766	7,416	11,497	23,710	82.21	111.67	170.68
Oklahoma.....	831	1,851	2,256	3,002	13,016	18,064	31,710	51.42	63.33	83.86
Texas.....	2,590	6,718	8,997	11,759	20,263	30,711	51,787	46.21	61.70	82.11
Mountain.....	1,780	5,513	7,775	10,878	28,294	43,191	72,967	22.03	29.80	41.14
Montana.....	350	999	1,476	2,223	28,475	44,653	76,761	16.86	24.02	34.69
Idaho.....	330	923	1,296	1,701	22,920	33,496	50,628	69.82	90.26	111.60
Wyoming.....	150	455	635	774	36,060	46,935	79,447	13.21	15.29	21.39
Colorado.....	388	1,212	1,629	2,053	26,558	37,513	61,494	31.93	33.82	62.04
New Mexico.....	188	713	1,055	1,086	30,228	50,078	68,233	15.01	21.34	23.46
Arizona.....	154	604	1,075	1,951	57,996	116,330	260,724	15.13	25.72	48.53
Utah.....	154	471	580	755	19,492	25,652	42,391	43.37	47.75	69.50
Nevada.....	48	136	223	334	43,700	78,162	141,974	19.24	27.13	30.54
Pacific <sup>5</sup> .....	3,237	8,337	12,233	17,355	31,245	50,406	89,554	112.19	159.94	223.27
Washington.....	593	1,479	2,022	2,455	21,057	31,018	47,590	84.64	114.59	131.14
Oregon.....	477	1,216	1,643	1,857	20,327	30,178	43,608	59.82	78.06	87.42
California.....	2,166	5,650	8,569	13,026	41,162	69,620	131,212	154.32	226.71	353.12
Alaska.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	18	( <sup>1</sup> )	( <sup>1</sup> )	48,379	( <sup>1</sup> )	( <sup>1</sup> )	10.99

<sup>1</sup> Based on average value per acre for farms in sample for which value of land and buildings was reported.<sup>2</sup> Average for farms reporting value of land and buildings.<sup>3</sup> Beginning 1950, includes Alaska.<sup>4</sup> Not available.

Source: Department of Commerce, Bureau of the Census; U.S. Census of Agriculture: 1959, Vol. II.



## No. 848. FARMS—NUMBER AND PERCENT DISTRIBUTION, BY TYPE: 1959

[Includes Alaska and Hawaii. Based on reports for a sample of farms. Type of farm determined on basis of relationship of value of sales from a particular source to total value of products sold for each farm. In general, value of sales from a particular source was 50 percent or more of total sales when a farm was classified as that type. Part-time farms include those with a value of products sold of \$50-\$2,499 and with operator either reporting 100 days or more of off-farm work or other income exceeding value of farm products sold, provided the operator was under 65 years of age. Part-retirement farms include those with a value of farm products sold of \$50 to \$2,499 and the operator was 65 years old or over. Abnormal farms include public and private institutional farms, experiment stations, community projects, etc.]

TYPE OF FARM	Number of farms (1,000)	Percent distribution	TYPE OF FARM	Number of farms (1,000)	Percent distribution
All farms.....	3,768	100.0	Commercial farms—Continued		
Commercial farms.....	2,416	65.2	Livestock farms other than poultry and dairy farms and livestock ranches.....	618	16.7
Cash-grain farms.....	358	10.8	Livestock ranches.....	67	1.8
Tobacco farms.....	190	5.1	General farms.....	212	5.7
Cotton farms.....	242	6.5	Miscellaneous Farms.....	37	1.0
Other field-crop farms.....	38	1.0	Other farms.....	1,292	35.1
Vegetable farms.....	22	0.6	Part-time farms.....	885	24.0
Fruit-and-nut farms.....	61	1.6	Part-retirement farms.....	404	11.0
Poultry farms.....	103	2.8	Abnormal farms.....	3	0.1
Dairy farms.....	428	11.6			

Sources: Department of Commerce, Bureau of the Census; *U.S. Census of Agriculture: 1959*, Vol. II.

## No. 849. FARMS REPORTING AND VALUE OF ALL FARM PRODUCTS SOLD, BY SOURCE OF INCOME: 1949, 1954, AND 1959

[Beginning 1959, includes Alaska and Hawaii]

SOURCE OF INCOME	NUMBER OF FARMS REPORTING (1,000)			VALUE OF FARM PRODUCTS SOLD					
	1949	1954	1959	Total (\$1,000,000)			Average per farm reporting (dollars)		
				1949	1954	1959	1949	1954	1959
All farms.....	5,352	4,782	3,711	22,051	24,644	30,493	4,097	5,153	8,218
Farms with no farm products sold.	361	(1)	(1)						
All farm products sold.....	5,021	(1)	(1)	22,051	24,644	30,493	4,392	(1)	(1)
All crops.....	(1)	(1)	(1)	9,803	12,222	13,246	(1)	(1)	(1)
Field crops, other than vegetables and fruits and nuts.....	(1)	(1)	(1)	8,012	9,925	10,463	(1)	(1)	(1)
Vegetables.....	347	280	184	607	645	740	1,749	2,369	4,022
Fruits and nuts.....	361	(1)	(1)	792	1,198	1,398	2,077	(1)	(1)
Horticultural specialties.....	(1)	(1)	(1)	392	454	615	(1)	(1)	(1)
All livestock and livestock products.....	(1)	(1)	(1)	12,114	12,202	17,050	(1)	(1)	(1)
Dairy products.....	2,007	(1)	(1)	3,079	3,334	4,022	1,534	(1)	(1)
Poultry and poultry products.....	2,730	(1)	(1)	1,823	1,919	2,268	668	(1)	(1)
Livestock and livestock products, other than dairy and poultry.....	(1)	(1)	(1)	7,211	7,030	10,780	(1)	(1)	(1)
Forest products.....	(1)	(1)	(1)	135	130	187	(1)	(1)	(1)

<sup>1</sup> Not available.

Sources: Department of Commerce, Bureau of the Census; *U.S. Census of Agriculture: 1959*, Vol. II.

## No. 850. FARMS—NUMBER, BY TYPE OF FARM, BY STATES: 1959

[For composition of regions, see fig. I, p. XII. See headnote, table 848]

STATE	All farms	COMMERCIAL FARMS											Other farms
		Total <sup>1</sup>	Cash grain	Cotton	Other field crop	Veg-etable	Fruit and nut	Dairy	Poultry	Live-stock farms and ranches <sup>2</sup>	General		
U.S.....	3,707,973	2,416,017	398,047	241,849	38,332	21,912	61,419	428,293	103,279	684,061	211,613	1,291,956	
The North.....	1,714,492	1,272,495	308,265	6,768	9,279	9,392	12,565	331,035	39,637	428,551	107,073	441,997	
The South.....	1,045,028	911,768	54,760	225,983	19,009	6,735	14,966	66,945	50,946	188,964	82,439	733,280	
The West.....	348,463	231,754	35,022	9,108	10,044	5,785	33,888	30,313	12,696	66,546	22,101	116,669	
New England.....	56,861	35,827	31	-----	2,760	899	1,374	18,546	6,694	1,684	911	21,034	
Maine.....	17,342	9,785	21	-----	2,457	157	403	3,257	2,243	338	250	7,557	
New Hampshire.....	6,544	3,419	-----	-----	25	46	109	1,803	890	230	136	3,125	
Vermont.....	12,167	9,006	5	-----	38	25	68	7,833	258	392	213	3,161	
Massachusetts.....	11,149	7,153	-----	-----	133	403	555	2,817	1,550	432	197	3,906	
Rhode Island.....	1,400	1,080	-----	-----	46	76	35	420	284	45	10	314	
Connecticut.....	8,259	5,378	5	-----	61	192	194	2,416	1,469	238	96	2,381	
Middle Atlantic.....	197,866	127,329	4,278	-----	1,906	3,836	4,484	73,647	14,206	11,329	7,599	70,537	
New York.....	82,354	56,760	1,670	-----	833	1,670	2,694	39,072	3,693	2,816	2,380	25,694	
New Jersey.....	15,463	11,726	506	-----	507	1,558	647	2,744	3,593	514	438	3,737	
Pennsylvania.....	100,049	58,843	2,102	-----	566	608	1,143	31,831	6,920	7,999	4,772	41,206	
E. N. Central.....	666,118	464,000	121,014	5	2,066	3,884	6,194	155,335	10,967	119,307	36,820	292,118	
Ohio.....	140,366	85,008	19,904	-----	200	762	888	22,201	3,057	24,560	10,117	55,358	
Indiana.....	128,143	83,931	25,825	-----	108	517	235	10,871	3,162	32,477	9,095	44,212	
Illinois.....	154,652	123,328	58,753	5	32	513	450	11,222	1,122	42,481	7,677	31,324	
Michigan.....	111,765	65,042	14,267	-----	1,230	1,304	4,145	24,673	2,079	9,839	6,192	40,723	
Wisconsin.....	131,192	106,691	2,265	-----	496	788	470	86,368	1,547	9,950	3,739	26,501	
W. N. Central.....	793,647	645,339	182,942	6,753	2,547	773	513	83,507	7,770	296,231	61,743	148,308	
Minnesota.....	145,639	120,301	27,271	-----	1,166	308	85	43,203	2,273	28,245	17,073	25,338	
Iowa.....	174,685	154,329	31,233	-----	23	122	60	11,343	1,800	96,237	13,161	20,356	
Missouri.....	168,679	106,078	19,307	6,753	65	147	298	16,528	2,179	52,600	7,726	62,001	
North Dakota.....	54,791	50,407	27,911	-----	771	-----	-----	2,282	232	14,218	4,910	4,384	
South Dakota.....	55,496	49,681	6,305	-----	53	10	-----	2,606	334	36,099	4,218	5,815	
Nebraska.....	90,223	80,847	30,828	-----	436	55	25	2,850	413	38,513	8,071	9,370	
Kansas.....	104,134	83,096	39,997	-----	33	131	45	5,195	539	30,229	6,684	21,038	
South Atlantic.....	591,863	329,686	11,781	29,699	9,869	4,019	11,270	23,796	27,654	43,622	34,643	262,177	
Delaware.....	5,203	3,837	980	-----	39	100	8	728	1,532	140	274	1,316	
Maryland.....	25,108	15,970	1,740	-----	98	342	130	5,070	2,142	2,184	1,054	9,129	
Virginia.....	97,619	49,527	2,387	55	2,989	368	065	6,261	3,151	11,120	3,930	48,092	
West Virginia.....	43,982	12,005	243	-----	86	60	243	2,705	1,600	6,134	609	31,077	
North Carolina.....	190,511	120,078	3,509	4,827	2,506	608	573	4,487	6,209	7,040	10,680	70,433	
South Carolina.....	78,163	42,333	1,328	12,081	159	343	960	1,463	1,461	3,394	4,096	35,830	
Georgia.....	106,271	61,955	1,329	12,476	3,401	466	504	2,319	9,923	9,280	12,648	44,316	
Florida.....	45,006	23,322	265	200	691	1,686	8,191	763	1,636	4,330	1,343	21,684	
E. S. Central.....	562,538	300,450	8,163	99,648	2,382	968	927	25,040	11,114	58,115	28,919	262,088	
Kentucky.....	150,972	86,651	2,890	124	207	100	139	8,189	1,166	18,561	10,267	64,321	
Tennessee.....	157,695	82,639	1,972	23,170	191	255	212	9,642	1,907	17,796	9,666	75,056	
Alabama.....	115,773	57,850	1,721	29,765	1,514	363	300	1,700	5,378	9,915	5,801	57,923	
Mississippi.....	138,098	73,310	1,670	46,589	470	250	276	5,509	2,073	11,843	3,085	64,788	
W. S. Central.....	490,627	281,632	34,816	96,636	6,758	1,748	2,769	18,109	12,178	87,227	18,977	208,995	
Arkansas.....	94,980	52,402	4,811	24,892	251	397	924	4,266	5,018	9,468	2,040	42,518	
Louisiana.....	74,870	34,715	3,743	14,908	2,481	302	834	2,634	987	6,898	1,440	30,655	
Oklahoma.....	94,678	56,942	14,817	5,384	1,418	149	146	4,676	779	23,222	6,030	37,736	
Texas.....	226,599	137,513	11,415	51,454	2,008	900	865	0,533	5,394	47,639	9,455	99,086	
Mountain.....	148,507	110,760	23,083	4,021	6,303	835	1,640	12,749	1,988	46,328	12,583	37,747	
Montana.....	23,802	23,519	8,820	-----	862	20	91	1,105	112	10,874	1,438	5,283	
Idaho.....	33,648	25,571	5,198	-----	3,001	121	265	5,520	245	5,961	4,974	8,077	
Wyoming.....	9,705	8,084	1,027	-----	242	5	-----	411	24	5,505	816	1,621	
Colorado.....	33,183	26,145	6,693	-----	1,550	300	624	2,134	460	11,308	2,633	7,038	
New Mexico.....	15,869	9,799	626	2,177	198	71	188	393	193	5,117	735	6,070	
Arizona.....	7,173	5,073	170	1,830	32	141	213	361	228	1,656	353	2,100	
Utah.....	17,811	10,944	522	-----	397	95	259	2,665	695	4,847	1,354	6,807	
Nevada.....	2,316	1,025	27	14	21	22	-----	160	31	1,060	280	691	
Pacific.....	199,916	120,994	11,939	5,087	3,741	4,950	32,248	17,564	10,708	20,218	9,518	78,952	
Washington.....	51,554	23,163	6,070	-----	1,027	820	4,516	5,938	2,017	4,571	2,031	23,391	
Oregon.....	42,551	22,802	2,518	-----	708	848	2,749	3,439	1,436	6,181	3,090	19,749	
California.....	99,232	60,929	3,841	5,087	1,019	2,921	24,273	8,046	7,022	8,923	3,968	32,303	
Alaska.....	867	185	10	-----	25	10	1	73	19	28	9	182	
Hawaii.....	6,242	2,915	-----	-----	872	351	709	68	214	510	20	3,327	

<sup>1</sup> Includes 227,212 tobacco farms and other miscellaneous commercial farms not shown separately.<sup>2</sup> Other than dairy and poultry farms.

Source: Department of Commerce, Bureau of the Census; U.S. Census of Agriculture: 1959, Vol. II.

# Farm Products Sold

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No. 851. VALUE OF ALL FARM PRODUCTS SOLD, BY SOURCE OF INCOME, BY STATES: 1959

[In thousands of dollars. Calendar-year data]

STATE	All farm products sold	Field crops <sup>1</sup>	Vegetables	Fruits and nuts	Horticultural specialties <sup>2</sup>	Dairy products	Poultry and poultry products	Livestock and livestock products <sup>3</sup>
<b>U.S.</b> .....	30,492,721	10,492,816	739,626	1,398,423	802,724	4,021,591	2,257,822	10,779,718
<b>N.E.</b> .....	592,972	93,275	12,652	24,957	50,302	224,434	148,721	38,630
Maine.....	171,318	54,348	2,601	5,727	7,906	32,090	61,684	7,063
N.H.....	48,122	1,654	933	2,970	3,637	20,152	14,874	4,002
Vt.....	108,647	2,899	387	1,862	4,526	83,183	4,731	10,959
Mass.....	126,440	11,545	5,443	10,569	18,848	41,021	28,830	9,484
R.I.....	18,209	2,846	437	452	3,112	6,701	3,786	805
Conn.....	120,246	10,984	2,951	3,377	12,373	41,198	84,106	0,266
<b>M.A.</b> .....	1,699,013	178,711	78,403	88,165	137,830	741,010	252,562	222,332
N.Y.....	755,410	72,670	35,891	44,256	48,236	408,632	70,093	75,621
N.J.....	231,069	20,664	29,965	18,613	25,679	53,061	87,790	15,292
Pa.....	712,535	85,369	12,547	25,291	63,913	279,317	114,679	131,418
<b>E.N.C.</b> .....	5,203,259	1,593,071	80,018	91,266	145,772	1,065,199	265,378	1,962,555
Ohio.....	882,851	250,508	15,790	11,278	53,615	166,921	82,292	802,446
Ind.....	945,685	333,314	9,970	5,767	17,120	92,613	75,732	411,250
Ill.....	1,810,601	741,151	14,849	7,404	32,351	122,457	42,642	849,717
Mich.....	622,960	184,662	19,943	50,569	27,593	160,069	32,376	135,748
Wis.....	961,103	83,437	19,465	10,189	15,063	517,239	52,316	263,395
<b>W.N.C.</b> .....	7,798,654	2,404,489	16,986	8,078	45,208	645,508	325,533	4,352,851
Minn.....	1,211,750	350,530	9,989	1,659	12,806	250,077	99,516	478,473
Iowa.....	2,254,110	452,772	2,400	1,039	10,724	140,735	95,181	1,648,265
Mo.....	1,011,892	343,097	2,882	4,405	12,653	93,312	53,123	502,420
N.Dak.....	468,709	277,397	72	38	701	29,675	7,076	153,751
S.Dak.....	513,876	81,041	173	25	1,137	28,290	20,603	382,700
Nebr.....	1,197,501	399,199	428	266	2,415	39,871	20,990	737,333
Kans.....	1,110,817	470,453	1,044	946	4,770	54,543	20,146	549,914
<b>S.A.</b> .....	3,248,094	1,202,573	128,333	397,408	159,275	345,982	505,318	509,206
Del.....	85,902	18,086	4,572	650	3,478	8,301	47,012	3,857
Md.....	231,136	51,393	9,333	4,375	9,983	63,625	56,417	36,010
Va.....	423,925	132,229	8,584	15,724	20,032	73,078	59,647	112,181
W.Va.....	99,142	5,207	625	10,723	4,823	18,155	23,022	30,686
N.C.....	797,214	528,496	8,470	7,317	24,379	49,677	99,387	79,482
S.C.....	302,924	180,767	8,148	15,353	11,370	22,652	25,443	39,190
Ga.....	607,317	229,585	6,784	15,859	29,052	40,148	165,810	120,079
Fla.....	700,476	56,812	81,910	324,401	60,107	70,346	29,179	81,721
<b>E.S.C.</b> .....	1,972,391	966,675	11,934	14,281	55,232	192,067	207,488	524,714
Ky.....	518,070	241,795	1,100	2,179	7,629	62,010	10,176	187,176
Tenn.....	474,557	221,124	5,076	3,270	15,165	62,134	28,202	139,588
Ala.....	414,263	164,679	3,668	4,204	21,430	26,990	95,010	98,283
Miss.....	565,501	339,078	2,085	4,628	11,008	40,933	68,101	90,667
<b>W.S.C.</b> .....	3,663,710	1,941,374	39,000	30,123	39,940	206,903	227,513	1,178,857
Ark.....	639,187	429,121	3,092	7,659	6,214	24,544	94,169	74,389
La.....	334,908	202,334	1,952	4,979	7,088	28,023	17,852	71,781
Okla.....	580,735	239,958	2,217	1,811	6,627	43,032	14,851	272,287
Tex.....	2,108,881	1,069,961	31,740	15,674	20,011	110,404	100,641	760,450
<b>Mt.</b> .....	2,355,960	867,766	58,500	29,897	26,597	152,669	48,594	1,171,937
Mont.....	377,401	153,487	218	734	2,824	13,229	3,053	108,858
Idaho.....	438,384	228,735	3,780	6,182	3,699	47,137	6,289	142,541
Wyo.....	162,124	30,334	152	29	483	4,558	908	125,061
Colo.....	579,976	172,732	10,622	7,067	9,410	31,554	10,677	337,915
N.Mex.....	197,128	80,629	3,105	2,824	1,694	9,317	3,863	95,997
Ariz.....	388,380	163,202	37,297	9,716	6,703	17,805	6,111	147,546
Utah.....	155,675	27,250	2,643	3,318	1,478	25,060	17,507	78,412
Nev.....	56,892	6,377	684	28	306	4,002	187	45,307
<b>Pac.</b> .....	3,953,667	1,244,881	313,800	714,248	142,570	447,819	276,714	818,637
Wash.....	569,204	228,011	19,571	86,763	20,470	70,537	34,368	110,433
Oreg.....	411,843	132,656	22,198	43,084	23,651	42,386	25,063	122,805
Calif.....	2,822,071	773,829	208,649	580,383	96,167	323,640	209,781	569,732
Alaska.....	3,214	581	188	2	76	1,635	817	415
Hawaii.....	152,334	109,804	3,194	5,015	2,215	9,672	7,185	15,250

<sup>1</sup> Other than vegetables and fruits and nuts.

<sup>2</sup> Includes forest products.

<sup>3</sup> Other than dairy and poultry.

Source: Department of Commerce, Bureau of the Census; U.S. Census of Agriculture: 1950, Vol. II.

# No. 852. FARMS—NUMBER BY COLOR AND TENURE OF OPERATOR, AND ACREAGE AND VALUE BY TENURE OF OPERATOR: 1910 TO 1959

[1950 data for value of farms and all 1954 and 1959 data based on reports for a sample of farms. See also *Historical Statistics, Colonial Times to 1957*, series K 8-52;]

YEAR, REGION, AND COLOR	All farms	Full owner	Part owner	Manager	TENANT	
					Cash <sup>1</sup>	Other
NUMBER OF FARMS						
United States: <sup>2</sup>						
1910.....	6,361,502	3,354,897	593,825	58,104	712,294	1,642,382
1920.....	6,448,343	3,306,510	558,580	68,440	430,009	1,074,706
1930.....	6,288,648	2,911,644	656,750	55,889	489,210	2,176,156
1940.....	6,096,799	3,084,138	616,030	36,351	514,438	1,846,833
1950.....	5,382,162	3,080,583	824,923	28,527	212,790	1,231,339
1954.....	4,783,021	2,744,708	868,180	20,894	160,131	939,108
1959.....	3,707,673	2,116,504	834,470	21,080	107,217	628,632
The South:						
1910.....	3,097,547	1,329,390	215,121	16,284	453,060	1,053,692
1920.....	3,206,664	1,405,762	191,463	18,318	219,188	1,371,953
1930.....	3,223,816	1,190,683	224,092	17,358	238,032	1,552,761
1940.....	3,007,170	1,327,690	216,067	13,680	254,351	1,134,942
1950.....	2,552,423	1,411,123	325,999	9,979	119,855	735,467
1954.....	2,317,296	1,275,226	351,016	9,571	88,782	592,701
1959.....	1,645,028	946,613	322,952	9,196	49,231	317,030
White:						
1910.....	2,207,406	1,154,100	171,944	15,084	192,094	674,184
1920.....	2,283,750	1,227,204	152,432	16,548	118,913	708,053
1930.....	2,342,129	1,050,187	183,400	16,529	140,112	951,832
1940.....	2,320,004	1,185,788	185,246	13,215	189,667	732,188
1950.....	2,093,333	1,200,641	274,135	9,740	80,293	450,524
1954.....	1,853,820	1,145,372	300,280	9,190	60,634	338,344
1959.....	1,379,407	856,864	285,418	8,906	34,376	193,843
Nonwhite:						
1910.....	890,141	175,290	43,177	1,200	200,966	409,608
1920.....	922,914	178,558	39,031	1,770	100,275	603,289
1930.....	881,087	140,496	41,523	829	97,020	600,010
1940.....	690,266	141,902	31,361	305	64,684	444,054
1950.....	559,000	141,482	61,864	239	30,562	325,943
1954.....	403,476	120,854	50,736	381	28,148	254,557
1959.....	205,621	89,749	37,534	290	14,855	123,193
LAND IN FARMS (1,000 acres)						
United States: <sup>2</sup>						
1910.....	878,798	464,923	133,031	53,731	67,847	158,696
1920.....	955,884	461,250	175,525	54,120	65,095	199,885
1930.....	986,771	372,450	245,926	61,986	71,370	236,030
1940.....	1,060,852	382,098	330,325	66,530	74,889	237,010
1950.....	1,158,569	418,970	422,394	105,241	42,203	169,757
1954.....	1,160,044	397,214	472,465	100,003	36,960	159,402
1959.....	1,123,373	340,483	503,682	109,990	33,956	129,238
VALUE OF FARMS (LAND AND BUILDINGS) (\$1,000)						
United States: <sup>2</sup>						
1910.....	34,801,126	17,310,639	5,056,295	1,456,959	10,977,232	
1920.....	66,316,003	30,710,721	9,153,502	2,665,216	6,012,819	17,773,744
1930.....	47,879,838	21,123,468	8,136,335	2,238,478	3,801,132	12,560,426
1940.....	33,641,739	15,297,274	6,112,411	1,442,657	2,227,608	8,661,768
1950.....	75,260,606	(3)	(3)	(3)	(3)	(3)
1954.....	97,582,018	(3)	(3)	(3)	(3)	(3)
1959.....	128,987,659	(3)	(3)	(3)	(3)	(3)

<sup>1</sup> For 1910, standing renters (renters paying a fixed quantity of products) were included with "Cash tenants" for all States; for 1920, those for northern and western States were included with "Cash tenants," and those for the South with "Other tenants."

<sup>2</sup> Beginning 1950, includes Alaska and Hawaii except that value of farms excludes Hawaii.

<sup>3</sup> Averages only available.

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Agriculture: 1959*, Vol. II.

## No. 853. FARMS—NUMBER, BY TENURE OF OPERATOR, BY STATES: 1954 AND 1959

[Data based on reports for a sample of farms. For composition of regions, see fig. I, p. XII. For total number of farms (all tenures combined), see table 840]

STATE	NUMBER OF FARMS OPERATED BY—								TENANTS AS PERCENT OF TOTAL	
	Full owners		Part owners		Managers		Tenants		TOTAL	
	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959
United States.....	2,744,708	2,116,594	1,868,180	834,470	120,894	21,060	1,149,239	735,849	124.0	19.8
The North.....	1,189,462	955,172	430,306	424,380	6,800	6,747	416,707	328,193	20.4	19.1
The South.....	1,275,226	946,618	361,016	322,952	9,571	9,190	681,483	366,287	29.4	22.3
The West.....	1,280,020	214,809	186,858	87,138	4,523	5,117	51,049	41,380	12.1	11.9
New England.....	64,889	41,502	13,867	13,001	625	695	2,435	1,663	3.0	2.9
Maine.....	19,999	13,759	2,823	3,071	114	159	435	353	1.9	2.0
New Hampshire.....	8,352	4,760	1,772	1,584	57	68	242	132	2.3	2.0
Vermont.....	11,602	8,116	3,553	3,492	106	117	738	442	4.6	3.6
Massachusetts.....	14,019	8,321	2,623	2,346	254	202	420	280	2.4	2.5
Rhode Island.....	1,495	928	341	347	12	23	105	102	5.4	7.3
Connecticut.....	9,422	5,618	2,755	2,161	82	126	495	354	3.9	4.3
Middle Atlantic.....	195,711	140,919	42,212	41,491	1,356	1,357	17,920	14,099	7.0	7.1
New York.....	78,547	57,078	21,511	20,832	685	540	5,028	3,004	4.8	4.7
New Jersey.....	17,713	10,883	3,307	3,069	187	212	1,488	1,209	6.6	8.4
Pennsylvania.....	99,451	72,958	17,394	17,590	584	605	11,404	8,896	8.9	8.9
East North Central.....	492,161	395,714	152,869	148,951	2,635	2,453	151,400	119,000	18.9	17.9
Ohio.....	116,788	88,081	30,308	28,958	687	660	29,315	22,667	16.6	16.1
Indiana.....	94,188	75,796	30,829	30,251	425	379	28,255	21,717	18.4	16.9
Illinois.....	75,640	63,646	38,270	38,815	525	451	61,270	51,740	34.9	33.5
Michigan.....	99,027	77,302	29,163	26,232	406	368	10,347	7,803	7.4	7.0
Wisconsin.....	106,518	90,829	24,299	24,695	592	595	22,213	15,073	14.5	11.5
West North Central.....	436,701	377,037	221,358	220,937	2,184	2,242	244,952	193,431	27.1	24.4
Minnesota.....	95,758	84,571	36,171	34,723	304	451	32,091	25,894	10.4	17.8
Iowa.....	87,984	79,677	30,581	33,546	456	391	73,988	61,071	38.3	35.0
Missouri.....	128,124	106,150	37,742	37,690	503	385	35,311	24,439	17.5	14.5
North Dakota.....	23,467	19,775	25,488	24,478	95	195	12,768	10,343	20.6	18.9
South Dakota.....	19,714	17,625	24,288	23,158	197	220	18,151	14,493	29.1	26.1
Nebraska.....	35,141	31,181	26,342	27,436	327	325	38,923	31,281	38.6	34.7
Kansas.....	45,513	38,049	40,746	39,900	302	275	33,730	25,910	28.0	24.9
South Atlantic.....	497,734	350,144	115,504	106,188	3,917	4,032	241,520	131,499	28.1	22.2
Delaware.....	4,237	3,143	1,132	1,310	79	106	843	644	13.4	12.4
Maryland.....	22,505	16,860	4,344	4,056	337	342	5,297	3,850	16.3	15.3
Virginia.....	94,451	64,647	19,185	18,312	595	696	22,150	14,064	16.2	14.4
West Virginia.....	50,243	36,550	5,943	4,406	169	203	6,215	2,823	9.1	6.4
North Carolina.....	129,239	92,261	41,429	39,005	564	442	96,580	57,903	36.1	30.8
South Carolina.....	57,626	38,974	17,337	14,743	440	337	48,770	24,109	39.3	30.4
Georgia.....	88,005	62,240	19,255	17,643	915	761	57,290	25,627	34.6	24.1
Florida.....	45,448	35,469	6,879	5,813	812	1,245	4,351	2,479	7.6	5.5
East South Central.....	428,840	333,048	109,430	97,688	2,040	1,818	249,357	129,984	31.6	23.1
Kentucky.....	126,118	98,664	28,523	27,509	384	390	38,421	24,329	19.9	16.1
Tennessee.....	121,221	98,209	30,590	28,925	388	349	51,190	30,212	25.2	19.2
Alabama.....	88,432	60,902	27,427	22,637	537	390	60,553	31,844	34.2	27.5
Mississippi.....	93,069	76,283	22,890	18,527	731	689	99,197	43,599	45.9	31.6
West South Central.....	348,652	263,421	126,082	119,076	3,614	3,346	190,606	104,784	28.5	21.4
Arkansas.....	77,739	55,849	15,652	16,195	638	548	45,263	22,388	33.2	23.6
Louisiana.....	60,300	44,264	12,828	11,755	528	401	37,524	17,950	33.7	24.1
Oklahoma.....	58,372	46,466	31,418	29,019	544	433	28,936	17,800	24.3	18.9
Texas.....	152,181	116,842	63,184	61,207	1,904	1,964	75,883	40,586	25.9	20.6
Mountain.....	101,177	76,455	49,933	49,229	1,794	2,278	26,967	20,545	15.0	13.8
Montana.....	14,493	11,059	13,425	12,000	251	312	4,787	3,031	14.5	13.6
Idaho.....	24,231	19,861	7,711	5,577	259	327	6,609	4,883	17.0	14.5
Wyoming.....	5,198	4,049	4,128	3,910	178	222	1,851	1,524	16.3	15.7
Colorado.....	20,938	15,485	10,457	10,580	305	373	8,072	6,745	22.1	20.3
New Mexico.....	12,769	8,959	5,656	4,963	249	249	2,303	1,608	11.0	10.7
Arizona.....	5,727	3,940	2,252	1,995	290	391	1,016	847	10.9	11.8
Utah.....	15,703	10,924	5,879	5,701	190	202	1,236	804	5.4	4.4
Nevada.....	2,118	1,578	425	613	72	112	193	113	6.9	4.9
Pacific.....	178,843	138,354	136,925	37,909	1,729	2,839	24,082	20,844	9.9	10.4
Washington.....	43,723	36,308	9,991	10,266	371	325	6,050	4,565	9.3	8.7
Oregon.....	41,250	30,813	8,606	8,490	336	244	4,250	3,004	7.8	7.1
California.....	88,870	68,489	18,328	17,756	2,022	2,144	13,782	10,843	11.2	10.4
Alaska.....	(2)	256	(2)	82	(2)	12	(2)	17	(2)	4.6
Hawaii.....	(2)	2,398	(2)	1,815	(2)	114	(2)	2,415	(2)	38.7

1 Excludes Alaska and Hawaii. 2 Not available.

Source: Department of Commerce, Bureau of the Census; U.S. Census of Agriculture: 1969, Vol. II.

No. 854. MORTGAGED FARMS—NUMBER, ACREAGE, VALUE, AND INDEBTEDNESS, BY TENURE AND REGION: 1940 TO 1961  
 [See also *Historical Statistics, Colonial Times to 1937*, series K 53-60]

REGION AND TENURE	FARMS			LAND IN FARMS			VALUE OF FARMS (LAND AND BUILDINGS)			MORTGAGE DEBT				Equity per mortgaged farm
	Total number (1,000)	Mortgaged farms		All farms (1,000 acres)	Mortgaged farms		All farms (mil. dol.)	Mortgaged farms		Total (mil. dol.)	Ratio to value of mortgaged farms (percent)	Debt per acre	Debt per farm	
		Number (1,000)	Per-cent of total		Acres (1,000)	Per-cent of total		Amount (mil. dol.)	Per-cent of total					
U.S., all tenures <sup>1</sup>	1940.....	2,364	33.8	1,060,852	457,374	43.1	33,642	15,874	47.2	6,586	41.5	\$14.40	\$2,786	\$3,929
	1950.....	5,352	27.5	1,158,565	303,610	26.2	74,705	22,049	29.5	5,579	25.3	18.33	3,769	11,725
	1955.....	4,783	(2)	1,160,044	348,687	30.1	106,577	36,282	34.0	9,066	25.0	26.00	(2)	(2)
	1961.....	3,704	(2)	1,120,153	361,920	32.3	131,173	48,662	37.1	12,833	26.4	35.47	(2)	(2)
Full owners.....	1940.....	1,278	41.4	382,098	180,452	47.2	15,297	7,887	51.6	3,353	42.6	18.58	2,623	3,547
	1950.....	884	28.9	418,970	135,343	32.3	32,690	11,273	34.5	3,116	27.6	22.03	5,191	9,123
	1955.....	909	33.1	397,214	149,111	37.5	44,007	17,626	40.1	4,720	28.8	31.65	8,087	14,194
	1961.....	732	34.6	348,478	138,164	39.6	49,287	21,478	43.6	5,907	27.5	42.75	10,253	21,268
Part-owners (owned portion only).....	1940.....	386	54.7	144,039	93,882	64.9	3,584	2,358	68.2	1,106	46.9	11.78	3,287	3,724
	1950.....	281	34.1	223,304	90,079	39.5	11,440	4,588	40.1	1,179	25.7	13.08	4,187	12,103
	1955.....	308	42.4	261,031	117,087	44.9	18,063	9,087	47.9	2,312	25.4	19.75	6,278	18,397
	1961.....	338	47.9	265,675	136,601	51.4	26,886	14,255	55.1	3,980	27.9	29.13	10,253	26,475
Tenants and managers and rented portion of part-owner farms.....	1940.....	749	31.2	534,115	183,040	34.3	14,780	5,628	38.1	2,127	37.8	11.62	2,840	4,874
	1950.....	305	20.8	511,231	78,188	15.3	30,574	6,190	20.2	1,284	20.7	16.43	4,213	16,095
	1955.....	(2)	(2)	501,798	82,489	16.4	43,607	9,570	21.9	2,034	21.3	24.66	(2)	(2)
	1961.....	(2)	(2)	506,005	87,055	17.2	56,005	12,928	23.1	2,947	22.8	33.86	(2)	(2)
The North, all tenures.....	1940.....	1,128	43.7	435,088	191,630	44.0	18,909	9,026	47.7	4,122	45.7	21.51	3,655	4,349
	1950.....	726	32.9	440,828	124,320	28.2	38,048	11,315	29.7	2,986	26.4	24.02	4,113	11,470
	1955.....	(2)	(2)	435,555	141,427	32.5	52,086	17,424	33.5	4,494	25.8	31.78	(2)	(2)
	1961.....	1,715	(2)	421,440	144,950	34.4	60,756	21,568	35.5	6,129	28.4	42.29	(2)	(2)
The South, all tenures.....	1940.....	1,003	33.4	370,168	163,471	44.2	9,716	4,221	43.4	1,502	35.6	9.19	1,497	2,710
	1950.....	586	22.1	393,214	102,683	26.1	22,609	6,172	27.1	1,470	24.0	14.32	2,508	7,937
	1955.....	(2)	(2)	387,002	111,886	28.9	32,699	10,574	32.3	2,566	24.3	22.93	(2)	(2)
	1961.....	1,646	(2)	357,448	111,916	31.3	39,974	14,293	35.8	3,573	25.0	31.97	(2)	(2)
The West, all tenures <sup>1</sup> .....	1940.....	233	45.7	255,596	102,273	40.0	5,016	2,626	52.4	962	36.6	9.41	4,133	7,151
	1950.....	168	36.4	324,523	76,607	23.6	14,048	4,612	32.8	1,123	24.3	14.66	6,676	20,747
	1955.....	422	(2)	337,487	95,374	28.3	21,792	8,284	38.0	2,006	24.2	21.03	(2)	(2)
	1961.....	343	(2)	341,270	104,854	30.8	30,448	12,811	42.1	3,126	24.4	29.79	(2)	(2)

<sup>1</sup> Excludes Alaska and Hawaii.

\* Not available.  
 Source: Department of Commerce, Bureau of the Census, and Department of Agriculture, Economic Research Service; cooperative report, U.S. Census of Agriculture: 1959, Vol. V, part 4.

## No. 855. LAND UTILIZATION, FARM AND NONFARM: 1920 TO 1959

[In millions of acres. For calendar year indicated; cropland and pastureland, except for 1954 and 1959, usually relate to preceding year. Excludes Alaska and Hawaii. (In 1959, Alaska had 24,000 acres in cropland and 2,990,000 in pasture and range of a total land area of 365,482,000 acres; and Hawaii had 500,000 acres in cropland and 1,087,000 acres in pasture and range of a total land area of 4,100,000 acres.) Changes in total area represent remeasurements. See also *Historical Statistics, Colonial Times to 1957*, series J 49-64]

MAJOR LAND USES	1920	1925	1930	1935	1940	1945	1950	1954	1959
Total land area.....	1,903	1,903	1,903	1,903	1,905	1,905	1,904	1,904	1,902
In farms.....	956	924	987	1,055	1,061	1,142	1,159	1,158	1,120
Cropland.....	402	391	413	416	399	403	409	399	392
Used for crops <sup>1</sup> .....	374	365	379	375	363	379	387	380	359
Idle or in cover crops.....	28	26	34	41	36	24	22	19	33
Grassland pasture <sup>2</sup> .....	328	331	379	410	461	529	485	526	530
Forest and woodland.....	168	144	150	185	157	166	220	197	163
Pastured.....	77	77	85	108	100	95	135	121	92
Not pastured.....	91	67	65	77	57	71	85	76	71
Farmsteads, roads, and other land.....	58	58	45	44	44	44	45	30	35
Not in farms.....	947	979	916	848	844	763	745	746	782
Grazing land <sup>3</sup> .....	661	646	578	533	504	428	400	353	326
Forest land not used for grazing <sup>4</sup> .....	160	203	208	184	203	186	201	238	296
Other land <sup>5</sup> .....	126	130	130	131	137	149	144	155	160

<sup>1</sup> Comprises cropland harvested, crop failure, and cultivated summer fallow.

<sup>2</sup> Comprises all open or nonforested pasture in farms. Includes cropland used only for pasture 1945 to 1950, and plowable pasture in prior years.

<sup>3</sup> Comprises land used chiefly for grazing. Includes open or nonforested grazing land and idle grassland for first decades; forest and arid woodland, and shrub and brush grazing land for all years.

<sup>4</sup> Excludes forested areas in parks, wildlife refuges, military areas, and recreation sites.

<sup>5</sup> Comprises urban, industrial, and residential areas outside farms; parks and wildlife refuges; military lands; roads; railroads; ungrazed desert, rock, swamp, and other unused and waste land.

Source: Department of Agriculture, Economic Research Service; *Major Uses of Land in the United States—Summary for 1950*, and records.

## No. 856. LAND UTILIZATION, BY OWNERSHIP: 1945 TO 1959

[In millions of acres. Excludes Alaska and Hawaii. See headnote, table 855. Private land comprises land owned by individuals, private groups, corporations, and Indian land under Government administration. Public land comprises land owned by Federal, State, or local governments. See also *Historical Statistics, Colonial Times to 1957*, series J 65-79]

MAJOR LAND USES	1945			1950			1954			1959		
	Total	Private	Public	Total	Private	Public	Total	Private	Public	Total	Private	Public
Total land area.....	1,905	1,396	509	1,904	1,399	505	1,904	1,399	505	1,902	1,398	504
Cropland.....	403	401	2	409	405	4	399	396	3	392	390	2
Pasture and grazing <sup>1</sup> .....	1,052	748	304	1,020	724	296	1,000	704	296	948	662	286
Woodland and forest land												
Not used for grazing.....	265	156	109	286	184	102	314	211	103	361	253	108
Special uses <sup>2</sup> .....	100	26	74	105	27	78	110	33	77	124	41	83
Other land.....	85	65	20	84	59	25	81	55	26	77	52	25

<sup>1</sup> Includes woodland and forest land used or usable for grazing.

<sup>2</sup> Towns, cities, farmsteads, highways, roads, parks, wildlife refuges, water supply areas, and military lands.

Source: Department of Agriculture, Economic Research Service.

## NO. 857. FARMLAND, BY USE, BY STATES: 1959

[In thousands of acres. For total land in farms, see table 840. For composition of regions, see fig. I, P. XII.]

STATE	CROPLAND—			OTHER THAN CROPLAND				
	Har- vested	Used only for pasture	Not har- vested and not pastured	Total	Wood- land pastured	Wood- land not pastured	Other pasture	Other land
<b>United States</b> .....	<b>311,476</b>	<b>65,517</b>	<b>71,095</b>	<b>675,420</b>	<b>92,568</b>	<b>71,636</b>	<b>466,225</b>	<b>44,991</b>
The North.....	197,514	25,062	33,158	165,705	21,648	21,340	99,964	22,754
The South.....	75,173	30,744	18,351	233,179	44,211	46,332	131,593	11,042
The West.....	38,780	9,710	19,580	276,536	26,709	3,964	234,068	11,165
<b>New England</b> .....	<b>2,209</b>	<b>636</b>	<b>372</b>	<b>6,098</b>	<b>1,076</b>	<b>3,651</b>	<b>922</b>	<b>449</b>
Maine.....	698	171	208	2,004	170	1,545	133	158
New Hampshire.....	206	72	29	818	152	573	66	37
Vermont.....	743	190	44	1,062	555	800	521	70
Massachusetts.....	291	103	52	697	102	410	10	95
Rhode Island.....	34	15	6	83	8	54	10	71
Connecticut.....	238	79	34	534	89	260	111	74
<b>Middle Atlantic</b> .....	<b>10,544</b>	<b>2,252</b>	<b>1,812</b>	<b>12,123</b>	<b>1,664</b>	<b>4,597</b>	<b>4,093</b>	<b>1,858</b>
New York.....	5,033	1,281	807	6,309	970	2,035	2,460	892
New Jersey.....	658	125	109	487	24	227	82	155
Pennsylvania.....	4,854	845	896	5,206	664	2,245	1,546	811
<b>East North Central</b> .....	<b>58,612</b>	<b>8,653</b>	<b>4,818</b>	<b>31,303</b>	<b>8,062</b>	<b>8,056</b>	<b>8,049</b>	<b>7,135</b>
Ohio.....	9,743	1,505	1,007	6,251	1,057	1,486	2,351	1,357
Indiana.....	11,147	1,687	827	4,953	1,201	1,343	1,136	1,273
Illinois.....	20,068	2,076	1,553	6,367	1,553	1,191	1,880	1,738
Michigan.....	7,155	1,388	1,404	4,826	1,137	1,707	693	1,280
Wisconsin.....	9,599	1,987	605	3,906	3,115	2,300	1,984	1,478
<b>West North Central</b> .....	<b>126,149</b>	<b>13,521</b>	<b>26,156</b>	<b>116,182</b>	<b>10,846</b>	<b>5,126</b>	<b>86,899</b>	<b>13,311</b>
Minnesota.....	18,018	1,272	1,740	8,866	2,481	1,538	2,170	2,677
Iowa.....	22,873	2,850	679	7,429	1,561	407	3,337	2,124
Missouri.....	12,178	4,704	1,289	14,985	5,434	2,422	5,411	1,718
North Dakota.....	10,358	756	7,593	13,759	272	185	11,155	2,147
South Dakota.....	14,236	1,184	3,744	25,686	263	90	24,065	1,263
Nebraska.....	18,057	1,309	3,461	24,928	370	152	22,847	1,560
Kansas.....	20,528	1,446	7,650	20,529	406	332	17,013	1,819
<b>South Atlantic</b> .....	<b>19,802</b>	<b>5,426</b>	<b>4,508</b>	<b>53,603</b>	<b>12,429</b>	<b>26,071</b>	<b>11,616</b>	<b>3,487</b>
Delaware.....	416	43	37	266	6	185	20	55
Maryland.....	1,456	237	1,606	1,338	138	815	357	108
Virginia.....	2,858	1,018	551	8,699	1,153	4,516	2,551	478
West Virginia.....	832	520	200	4,511	1,017	1,887	1,636	221
North Carolina.....	4,746	674	996	9,472	1,024	6,725	1,636	632
South Carolina.....	2,604	641	700	5,114	627	3,432	1,447	309
Georgia.....	4,018	1,304	1,237	12,190	3,066	7,175	1,384	574
Florida.....	1,832	939	580	11,836	5,098	1,634	4,130	973
<b>East South Central</b> .....	<b>16,409</b>	<b>11,000</b>	<b>4,138</b>	<b>36,738</b>	<b>10,585</b>	<b>14,501</b>	<b>8,510</b>	<b>3,142</b>
Kentucky.....	4,013	4,740	1,174	7,103	1,397	3,090	1,628	970
Tennessee.....	4,116	3,217	1,166	7,582	1,744	3,457	1,435	836
Alabama.....	3,715	1,413	900	10,515	3,280	4,497	2,236	502
Mississippi.....	4,564	1,630	899	11,538	4,104	3,448	3,161	766
<b>West South Central</b> .....	<b>35,962</b>	<b>14,318</b>	<b>9,705</b>	<b>142,838</b>	<b>21,197</b>	<b>5,761</b>	<b>111,468</b>	<b>4,413</b>
Arkansas.....	5,325	2,270	841	8,023	3,003	2,654	1,622	745
Louisiana.....	2,426	2,033	448	5,440	1,750	1,403	1,690	537
Oklahoma.....	8,975	2,386	2,682	21,757	3,907	1,540	16,270	1,031
Texas.....	22,236	7,620	5,733	107,618	12,637	1,094	91,886	2,101
<b>Mountain</b> .....	<b>23,045</b>	<b>4,839</b>	<b>13,421</b>	<b>223,124</b>	<b>16,225</b>	<b>1,189</b>	<b>198,438</b>	<b>7,272</b>
Montana.....	8,159	945	5,974	49,004	2,178	280	45,471	1,094
Idaho.....	3,832	666	1,286	9,448	1,219	305	7,074	851
Wyoming.....	1,679	588	471	33,462	1,535	20	32,368	538
Colorado.....	5,879	1,235	3,918	27,755	1,838	192	24,647	1,078
New Mexico.....	1,077	429	786	44,001	3,539	283	39,414	707
Arizona.....	1,019	204	363	38,617	5,960	63	30,710	1,884
Utah.....	1,062	409	536	10,681	928	52	9,250	451
Nevada.....	338	362	87	10,156	28	16	9,504	609
<b>Pacific</b> .....	<b>15,744</b>	<b>4,871</b>	<b>6,165</b>	<b>53,411</b>	<b>10,484</b>	<b>2,775</b>	<b>36,230</b>	<b>3,923</b>
Washington.....	4,412	724	2,774	10,807	3,105	854	6,125	723
Oregon.....	3,118	942	1,310	15,856	3,145	736	11,482	498
California.....	8,023	3,033	1,911	23,922	4,076	823	17,181	1,842
Alaska.....	14	4	5	864	42	68	524	230
Hawaii.....	176	107	156	1,962	115	294	917	635

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Agriculture: 1959*, Vol. II.



## No. 858. IRRIGATION ORGANIZATIONS—SUMMARY: 1920 TO 1959

[Data are for 17 Western States (Alaska and Hawaii excluded, except as noted) and Louisiana. Relates to multiple farm organizations only. Based on reports of management of organizations. An organization is defined as a group of two or more water users, a company, a corporation, or a governmental district or agency that operates facilities to supply water for irrigation of farm or ranch lands. It may be a formal legal arrangement or an informal cooperative arrangement.]

ITEM	1920	1930	1940	1950	1959
Approximate land area <sup>1</sup> .....1,000 acres.....	1,150,389	1,159,362	1,196,412	1,194,632	1,193,103
Farms (irrigated and nonirrigated) <sup>1</sup> .....number.....	1,689,671	1,826,434	1,686,106	1,436,847	1,050,408
Land in all farms <sup>1</sup> .....1,000 acres.....	490,686	656,466	613,491	701,611	717,322
Irrigation organizations:					
Organizations.....number.....	(2)	4,578	5,637	10,491	18,765
Area irrigated.....1,000 acres.....	12,330	13,131	16,378	14,975	17,780
Investment in irrigation organizations.....1,000 dollars.....	542,013	704,763	864,611	1,354,564	2,424,153
Increase over preceding census.....percent.....	(2)	29.8	22.7	60.1	75.0
Average per acre irrigated.....dollars.....	44	54	63	92	137
Increase over preceding census.....percent.....	(2)	21.9	17.7	46.0	48.9

<sup>1</sup> Includes Hawaii.

<sup>2</sup> Not available.

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Agriculture: 1920*, Vol. VII; 1930 and 1940, *Irrigation of Agricultural Lands*; and *U.S. Census of Agriculture: 1950*, and 1959, Vol. III.

## No. 859. IRRIGATION ORGANIZATIONS—AREA IRRIGATED, 1949 AND 1959, AND CAPITAL INVESTED, 1950 AND 1959, BY STATES

[See headnote, table 858. Minus sign (—) denotes decrease]

STATE	AREA IRRIGATED				CAPITAL INVESTED			
	1949	1959		Increase, 1949 to 1959	1950	1959		Increase, 1950 to 1959
		Total	Proportion of total			Total	Proportion of total	
19 States, total.....	1,000 acres 14,975	1,000 acres 17,786	Percent 100.0	Percent 18.8	\$1,000 1,384,564	\$1,000 2,424,153	Percent 100.0	Percent 75.0
Louisiana.....	261	186	1.0	-28.7	8,766	10,821	0.5	23.4
18 Western States, total.....	14,713	17,601	99.0	19.6	1,375,798	2,413,332	99.6	75.4
Arizona.....	356	644	3.6	18.8	104,725	167,649	6.9	60.0
California.....	3,135	4,184	23.5	33.5	402,412	898,382	37.1	123.2
Colorado.....	2,400	2,670	15.0	11.3	144,704	204,637	8.4	41.3
Hawaii.....	(2)	85	0.5	(2)	(2)	(2)	(2)	(2)
Idaho.....	1,896	2,299	12.9	21.3	123,315	147,843	6.1	19.8
Kansas and Oklahoma.....	78	106	0.6	35.9	12,854	55,166	2.3	329.2
Montana.....	1,149	1,347	7.6	17.2	72,024	96,265	4.0	33.7
Nebraska.....	598	706	4.0	30.0	41,974	55,814	2.3	33.0
Nevada.....	236	263	1.5	-8.0	16,092	17,151	0.7	6.6
New Mexico.....	394	366	2.1	-4.7	46,447	59,113	2.4	30.1
North Dakota.....	34	40	0.2	17.6	2,853	3,467	0.1	21.5
Oregon.....	739	846	4.8	14.5	60,988	70,676	2.9	15.7
South Dakota.....	68	84	0.5	23.5	5,062	9,896	0.4	66.0
Texas.....	1,043	944	5.3	-9.5	70,897	87,630	3.6	23.6
Utah.....	1,063	1,110	6.2	2.5	53,161	91,507	3.8	72.1
Washington.....	514	848	4.8	65.0	168,685	369,453	15.2	119.0
Wyoming.....	840	1,088	5.9	26.0	49,707	78,883	3.3	58.7

<sup>1</sup> Excludes Hawaii.

<sup>2</sup> Not available.

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Agriculture: 1950*, and 1959, Vol. III.

## No. 860. IRRIGATED LAND IN FARMS, BY STATES: 1944 TO 1959

[In 1944 and 1949, figures for acres irrigated represent total land in irrigated farms; in 1954 and 1959, irrigated crop-land harvested plus irrigated pasture. For composition of regions, see fig. I, p. XII. See also *Historical Statistics, Colonial Times to 1957*, series J 84-85, for U.S. totals]

STATE	FARMS REPORTING				ACRES IRRIGATED			
	1944	1949	1954	1959	1944	1949	1954	1959
U.S. <sup>1</sup> .....	288,195	306,219	320,236	307,783	20,539,470	25,904,873	29,552,155	33,162,978
The North.....	12,448	18,348	27,048	36,273	861,979	1,258,321	1,925,423	3,356,861
The South.....	20,008	30,087	57,185	63,011	2,372,206	4,552,481	7,102,185	7,783,403
The West <sup>1</sup> .....	246,739	248,784	235,403	208,499	17,305,195	20,094,071	20,524,547	22,022,714
New England.....	922	1,581	2,017	1,618	12,153	31,450	38,395	30,651
Maine.....	3	123	87	133	100	2,299	1,007	2,214
New Hampshire.....	10	61	61	76	63	922	942	1,240
Vermont.....	2	22	55	72	6	303	680	1,012
Massachusetts.....	874	1,053	1,366	1,093	11,355	18,507	22,683	19,909
Rhode Island.....	9	52	43	34	133	1,631	1,009	406
Connecticut.....	24	280	405	205	496	8,088	11,975	5,171
Middle Atlantic.....	1,415	2,208	4,333	4,430	30,792	54,616	135,886	148,393
New York.....	646	888	1,075	1,741	10,316	19,248	59,024	57,907
New Jersey.....	675	1,033	1,775	1,902	11,712	28,117	58,912	73,873
Pennsylvania.....	94	287	883	787	8,764	7,251	17,950	16,523
East North Central.....	1,206	2,110	3,509	3,934	12,795	36,237	75,578	111,376
Ohio.....	463	458	847	575	4,178	5,706	15,879	11,972
Indiana.....	123	164	443	480	830	5,339	11,735	17,237
Illinois.....	47	139	266	332	363	1,510	0,789	10,127
Michigan.....	347	905	1,408	1,909	2,850	13,901	23,473	40,178
Wisconsin.....	226	354	545	638	4,569	9,781	18,199	31,862
West North Central.....	8,905	12,449	17,789	26,291	806,239	1,136,018	1,675,564	3,066,441
Minnesota.....	27	274	347	387	210	4,235	9,207	14,091
Iowa.....	54	76	132	313	1,197	1,366	2,396	18,181
Missouri.....	118	142	752	590	1,113	2,089	32,998	20,957
North Dakota.....	206	304	399	471	22,814	35,294	37,672	47,656
South Dakota.....	708	807	923	1,002	52,895	78,060	90,371	115,029
Nebraska.....	7,156	9,680	12,500	18,936	631,762	870,259	1,171,369	2,077,020
Kansas.....	636	1,166	2,736	4,562	90,248	138,686	331,551	762,101
South Atlantic.....	4,199	6,516	11,680	18,924	224,446	381,044	536,195	596,844
Delaware.....	3	10	81	156	22	404	5,553	15,638
Maryland.....	8	30	235	328	287	697	8,344	11,174
District of Columbia.....	16	2	( <sup>2</sup> )	( <sup>2</sup> )	45	13	( <sup>2</sup> )	( <sup>2</sup> )
Virginia.....	31	71	763	1,096	1,419	2,817	21,805	31,101
West Virginia.....	11	9	62	66	42	40	1,381	1,115
North Carolina.....	19	96	2,704	8,537	229	2,083	25,423	66,743
South Carolina.....	5	84	748	1,308	62	6,408	22,009	24,952
Georgia.....	14	130	1,268	2,194	423	3,161	23,873	33,700
Florida.....	4,092	6,075	6,799	4,249	221,917	365,421	427,807	413,526
East South Central.....	211	180	4,475	3,253	1,113	6,950	185,130	136,627
Kentucky.....	34	67	1,226	1,130	230	485	13,434	8,605
Tennessee.....	21	35	1,094	1,005	393	1,012	22,548	10,079
Alabama.....	153	34	452	328	487	367	16,668	17,357
Mississippi.....	3	44	1,703	790	3	5,086	132,400	99,680
West South Central.....	24,598	32,391	41,050	40,834	2,146,737	4,164,487	6,380,860	7,049,932
Arkansas.....	2,220	3,060	6,218	5,652	288,665	422,107	857,893	711,812
Louisiana.....	7,185	7,438	6,897	4,817	535,619	570,775	707,814	484,850
Oklahoma.....	74	466	1,620	2,481	2,237	34,071	108,151	197,632
Texas.....	15,110	21,427	26,315	27,884	1,320,216	3,131,534	4,707,028	5,656,638
Mountain.....	127,963	122,280	112,231	96,091	10,703,164	11,642,484	11,207,997	12,094,712
Montana.....	12,997	13,457	13,114	11,935	1,555,480	1,716,792	1,890,671	1,874,520
Idaho.....	28,671	20,413	28,218	26,383	2,026,280	2,137,237	2,324,571	2,576,530
Wyoming.....	7,793	7,831	7,130	6,412	1,353,873	1,431,707	1,262,632	1,469,011
Colorado.....	28,054	27,121	23,855	20,312	2,698,579	2,872,348	2,262,921	2,684,757
New Mexico.....	14,299	12,691	11,690	8,850	534,040	655,287	649,615	731,835
Arizona.....	9,634	7,822	6,803	5,391	736,027	963,590	1,177,407	1,152,450
Utah.....	23,643	21,126	19,406	15,701	1,124,081	1,137,095	1,072,682	1,061,683
Nevada.....	3,072	2,819	2,509	2,110	674,204	727,498	567,498	542,976
Pacific <sup>1</sup> .....	118,776	126,504	123,172	112,405	6,602,031	8,451,587	9,316,550	9,928,002
Washington.....	15,974	10,923	18,844	19,292	520,153	589,035	778,135	1,006,060
Oregon.....	15,507	17,063	19,826	17,724	1,129,059	1,306,810	1,490,366	1,584,284
California.....	87,205	90,765	84,502	74,139	4,952,819	6,438,324	7,048,040	7,895,570
Hawaii.....	( <sup>2</sup> )	1,153	( <sup>2</sup> )	1,251	( <sup>2</sup> )	117,418	( <sup>2</sup> )	141,179

<sup>1</sup> Excludes Alaska.    <sup>2</sup> Not available.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Agriculture: 1954 and 1959*, Vol. II.

## Federal Reclamation Projects

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## No. 861. FEDERAL BUREAU OF RECLAMATION IRRIGATION PROJECTS: 1960

(Value in thousands of dollars. Detail may not add to State totals; listing includes only projects (and divisions of Missouri River Basin Project) of 25,000 acres and over. For definitions, see headnote, table 862)

STATE AND PROJECT	FULL IRRIGATION SERVICE LANDS			SUPPLEMENTAL AND TEMPORARY IRRIGATION SERVICE LANDS <sup>1</sup>		
	Irrigable acreage	Irrigated acreage	Gross crop value	Irrigable acreage	Irrigated acreage	Gross crop value
<b>Total</b> .....	4,325,848	3,487,546	580,486	3,845,309	3,412,165	577,048
Arizona.....	397,148	281,512	90,158	95,730	68,291	19,916
Gila.....	103,449	78,934	15,130	.....	.....	.....
Salt River.....	238,357	153,987	49,134	95,730	68,291	19,916
Yuma <sup>2</sup> .....	51,936	45,649	24,793	.....	.....	.....
California.....	755,113	628,033	183,972	942,361	775,653	245,938
Boulder Canyon.....	004,718	489,889	159,511	.....	.....	.....
Cachuma.....	500	64	19	26,610	11,152	7,353
Central Valley.....	33,855	31,448	9,380	849,175	708,739	203,946
Klamath <sup>2</sup> .....	80,619	78,120	11,284	.....	.....	.....
Santa Maria.....	.....	.....	.....	35,200	30,651	26,668
Solano.....	.....	.....	.....	29,800	23,905	7,034
Yuma <sup>2</sup> .....	14,620	10,749	2,327	.....	.....	.....
Colorado.....	111,143	91,266	8,564	805,488	700,617	94,813
Colorado-Big Thompson.....	.....	.....	.....	720,000	720,000	89,858
Grand Valley.....	34,686	27,671	2,959	7,995	7,356	883
Pine River <sup>2</sup> .....	.....	.....	.....	40,111	35,167	1,618
Uncompahgre.....	76,457	63,595	5,605	.....	.....	.....
Idaho.....	491,209	439,651	52,396	1,095,948	1,022,798	124,799
Boise <sup>2</sup> .....	223,065	197,179	22,495	136,115	125,737	19,153
Minidoka.....	214,642	195,555	23,023	945,784	885,280	104,831
Owyhee <sup>2</sup> .....	33,360	31,289	4,227	.....	.....	.....
Kansas.....	47,289	29,330	2,884	.....	.....	.....
Mo. River Basin, Bostwick Division <sup>2</sup> .....	30,989	19,955	1,641	.....	.....	.....
Montana.....	344,316	263,909	13,801	.....	.....	.....
Huntley.....	32,447	24,161	1,707	.....	.....	.....
Lower Yellowstone <sup>2</sup> .....	36,832	30,192	2,316	.....	.....	.....
Milk River.....	116,062	87,148	3,876	.....	.....	.....
Sun River.....	91,823	66,843	2,688	.....	.....	.....
Nebraska.....	257,248	230,347	22,293	115,952	104,111	12,254
Missouri River Basin: Bostwick Division <sup>2</sup> .....	22,593	18,194	1,537	.....	.....	.....
Frenchman—Cambridge Division.....	38,522	32,098	2,728	1,030	984	62
Oregon Trail Division <sup>2</sup> .....	.....	.....	.....	22,524	17,484	2,171
North Platte <sup>2</sup> .....	171,571	160,517	16,155	92,398	85,643	10,021
Nevada.....	71,901	57,817	3,983	68,378	43,884	3,129
Humboldt.....	.....	.....	.....	39,623	22,822	1,612
Newlands.....	71,901	57,817	3,983	.....	.....	.....
Truckee Storage.....	.....	.....	.....	28,755	21,062	1,517
New Mexico.....	304,107	200,793	34,790	1,030	1,030	93
Carlsbad.....	25,055	20,023	3,602	.....	.....	.....
Middle Rio Grande.....	121,680	53,799	4,322	.....	.....	.....
Pine River <sup>2</sup> .....	.....	.....	.....	1,030	1,030	93
Rio Grande <sup>2</sup> .....	102,082	85,162	24,953	.....	.....	.....
Tucumcari.....	41,411	31,854	1,332	.....	.....	.....
North Dakota.....	31,945	24,902	2,042	.....	.....	.....
Lower Yellowstone <sup>2</sup> .....	19,388	15,615	1,303	.....	.....	.....
Oklahoma: W. O. Austin.....	47,809	42,161	5,793	.....	.....	.....
Oregon.....	340,451	306,132	39,262	122,216	111,458	15,437
Boise <sup>2</sup> .....	1,096	1,424	112	.....	.....	.....
Deschutes.....	50,000	46,647	9,689	48,990	43,930	3,878
Klamath <sup>2</sup> .....	135,330	120,596	14,195	.....	.....	.....
Owyhee <sup>2</sup> .....	71,656	67,384	9,816	13,000	12,277	3,280
Umatilla.....	17,859	12,938	900	13,528	11,620	1,408
Vale.....	32,000	31,346	2,481	.....	.....	.....
South Dakota.....	60,818	65,704	3,773	8,900	6,617	343
Belle Fourche.....	57,183	54,333	2,924	.....	.....	.....
Texas.....	76,114	58,228	15,170	28,938	15,829	2,721
Rio Grande <sup>2</sup> .....	76,114	58,228	15,170	18,330	8,907	1,870
Utah.....	17,269	15,189	1,035	322,076	262,408	22,373
Moon Lake.....	.....	.....	.....	75,256	56,027	1,318
Provo River.....	.....	.....	.....	48,156	42,319	4,340
Strawberry Valley.....	17,269	15,189	1,035	27,302	25,908	2,269
Weber River.....	.....	.....	.....	108,978	91,379	10,828
Washington.....	713,334	532,751	87,000	181,999	160,878	31,254
Columbia Basin.....	425,514	294,195	40,912	.....	.....	.....
Yakima.....	279,922	232,962	44,711	181,999	160,878	31,254
Wyoming.....	250,124	219,821	14,070	56,293	48,591	3,973
Mo. River Basin, Ore. Trail Div. <sup>2</sup> .....	.....	.....	.....	8,732	6,287	663
North Platte <sup>2</sup> .....	54,752	54,398	4,765	16,317	15,079	1,507
Riverton.....	54,337	40,645	2,480	.....	.....	.....
Shoshone.....	93,529	77,634	5,171	.....	.....	.....

<sup>1</sup> Includes service under Warren Act and special contracts for excess water over and above regular project requirements to lands which are usually located outside project proper and largely unclassified as to irrigability.

<sup>2</sup> Project serves area in 2 States as follows: Yuma—Ariz. and Calif.; Klamath—Calif. and Ore.; Pine River—Calif. and N. Mex.; Boise and Owyhee—Idaho and Ore.; Missouri River Basin, Bostwick Division—Kans. and Nebr.; Lower Yellowstone—Mont. and N. Dak.; Missouri River Basin, Oregon Trail Division (Glendo Unit)—Nebr. and Wyo.; North Platte—Nebr. and Wyo.; Rio Grande—N. Mex. and Tex.

Source: Department of the Interior, Bureau of Reclamation; 1960 Crop Report and Related Data, Federal Reclamation Projects.

### No. 862. FEDERAL BUREAU OF RECLAMATION IRRIGATION PROJECTS—ACREAGE AND CROP VALUE: 1909 TO 1960

[In thousands. "Full irrigation service" applies to irrigable land receiving its sole irrigation supply through Bureau-constructed facilities and to previously irrigated land in non-Federal projects where a substantial part of the facilities were constructed, rehabilitated, or replaced by the Bureau; "supplemental and temporary irrigation service" applies to irrigable land receiving irrigation water through Bureau projects in addition to supply from nonproject sources and to land for which water is delivered under temporary arrangements. For 17 Western States included, see table 861]

YEAR	ENTIRE AREA			FULL IRRIGATION SERVICE LANDS			SUPPLEMENTAL AND TEMPORARY IRRIGATION SERVICE LANDS <sup>1</sup>		
	Irrigable acreage	Irrigated acreage	Gross crop value	Irrigable acreage	Irrigated acreage	Gross crop value	Irrigable acreage	Irrigated acreage	Gross crop value
1909.....	731	411	\$11,921	731	411	\$11,921			
1919.....	2,648	2,104	152,979	1,648	1,194	89,128	1,002	910	\$63,851
1929.....	3,402	2,718	181,180	1,964	1,497	87,800	1,438	1,221	73,380
1939.....	3,890	3,141	114,083	2,265	1,732	68,386	1,595	1,389	45,697
1949.....	5,678	4,820	516,329	3,207	2,646	313,404	2,471	2,174	202,925
1950.....	6,024	5,077	678,238	3,304	2,716	311,437	2,720	2,361	266,301
1955.....	7,368	6,262	827,706	3,826	3,163	428,644	3,542	3,099	399,062
1960.....	8,171	6,900	1,167,529	4,326	3,488	580,486	3,845	3,412	577,043

<sup>1</sup> Includes service under Warren Act and special contracts for excess water over and above regular project requirements to lands which are usually located outside project proper and largely unclassified as to irrigability.

Sources: Department of the Interior, Bureau of Reclamation; *Crop Report and Related Data, Federal Reclamation Projects*.

### No. 863. FARM DRAINAGE—COST FOR ALL DRAINAGE STATES: 1940 TO 1959

[Excludes Alaska and Hawaii]

ITEM	All drainage States, cost (\$1,000)	30 STATES <sup>1</sup>		10 States, cost <sup>2</sup> (\$1,000)
		Number of enterprises reporting	Cost (\$1,000)	
Construction and operation and maintenance:				
1940 to 1949.....	179,034	3,426	110,232	68,802
1950 to 1959.....	416,876	5,089	291,385	125,491
New drainage works:				
1940 to 1949.....	23,872	983	16,288	7,584
1950 to 1959.....	185,689	2,898	147,053	88,636

<sup>1</sup> For 1960 Census, 29 States; largely States with organized drainage districts and other corporate and private enterprises. See text, pp. 605 and 606. <sup>2</sup> Largely county-drain States.

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Agriculture: 1959, Vol. IV*.

### No. 864. NUMBER AND AREA OF DRAINAGE ENTERPRISES CLASSIFIED BY SIZE: 1930 TO 1960

[Excludes Alaska and Hawaii]

SIZE GROUP	Number of enterprises, 1960	AREA OF ENTERPRISES (1,000 acres) <sup>1</sup>						
		All drainage States			30 States <sup>2</sup>			
		1930	1940	1960	1930	1940	1950	1960
Total.....	8,461	128,495	132,828	99,098	41,644	45,207	54,618	47,169
Under 100 acres.....		324	525		3	4		
100 to 199 acres.....		1,041	1,447		12	19		
200 to 499 acres.....		5,984	7,038		148	221	604	
500 to 999 acres.....	2,847	11,130	11,235	1,951	910	954	1,098	1,022
1,000 to 1,999 acres.....	2,081	34,074	14,553	2,851	4,909	1,726	1,962	2,459
2,000 to 4,999 acres.....	1,588	20,511	20,511	4,833		3,961	4,102	4,401
5,000 to 9,999 acres.....	728	15,865	16,388	5,082	4,485	4,543	4,528	4,031
10,000 to 19,999 acres.....	499	35,076	16,964	6,963		6,042	6,004	5,674
20,000 to 49,999 acres.....	320	20,142	20,142	9,795	14,769	10,048	7,921	7,617
50,000 to 99,999 acres.....	152	11,404	10,760	10,631	6,304	6,816	6,085	6,091
100,000 to 199,999 acres.....			5,925			3,794	3,560	
200,000 to 499,999 acres.....	246	10,219	3,155	56,912	10,014	2,955	6,576	14,394
500,000 acres and over.....		3,378	4,124			4,124	12,172	

<sup>1</sup> Sum of areas in individual enterprises without deduction for area in more than 1 enterprise (overlapped).

<sup>2</sup> For 1960 Census, 29 States; largely States with organized drainage districts and other corporate and private enterprises. See text, pp. 605 and 606.

Sources: Department of Commerce, Bureau of the Census; *U.S. Census of Agriculture: 1959, Vol. IV*.

## No. 865. GROWTH OF CONSERVATION DISTRICTS: 1940 TO 1961

[For years ending June 30. Includes Alaska, Hawaii, Puerto Rico, and Virgin Islands. Beginning 1945, includes wind-erosion districts and grazing districts. Beginning 1950, includes Imperial Irrigation District, California. Beginning 1959, includes Elephant Butte Irrigation District, N. Mex.]

YEAR	DISTRICTS ORGANIZED <sup>1</sup>		TOTAL AREA IN DISTRICTS		DISTRICTS WITH SUPPLEMENTAL MEMORANDUM <sup>2</sup>	
	Each year	Cumulative total	New districts and additions	Cumulative total	Each year	Cumulative total
	Number	Number	1,000 acres	1,000 acres	Number	Number
1940.....	153	314	101,306	189,752	120	233
1945.....	232	1,346	120,368	740,859	221	1,204
1950.....	121	2,285	74,721	1,253,484	133	2,207
1955.....	56	2,674	43,478	1,484,974	63	2,644
1957.....	49	2,770	50,535	1,596,991	46	2,734
1958.....	36	2,806	36,327	1,633,318	33	2,767
1959.....	55	2,861	28,650	1,661,968	47	2,814
1960.....	6	2,867	10,004	1,671,973	23	2,837
1961.....	33	2,900	17,633	1,689,605	6	2,843

<sup>1</sup> Totals at end of each year are net, including corrections and adjustments made during year.

<sup>2</sup> A basic "memorandum of understanding" is signed for any Department of Agriculture assistance; a supplemental memorandum is signed for assistance from the Soil Conservation Service.

Source: Department of Agriculture, Soil Conservation Service; Report of Administrator of Soil Conservation Service, and records.

## No. 866. SOIL CONSERVATION DISTRICTS—SUMMARY, BY STATES AND OTHER AREAS: CUMULATIVE TO JUNE 30, 1961

[See text, p. 600]

STATE OR OTHER AREA	Districts organized <sup>1</sup>	APPROXIMATE AREA AND FARMS WITHIN ORGANIZED DISTRICTS			STATE OR OTHER AREA	Districts organized <sup>1</sup>	APPROXIMATE AREA AND FARMS WITHIN ORGANIZED DISTRICTS		
		Total area	Farms and ranches	Land in farms			Total area	Farms and ranches	Land in farms
	Number	1,000 acres	Number	1,000 acres			Number	1,000 acres	Number
<b>Total.....</b>	<b>2,900</b>	<b>1,689,605</b>	<b>3,616,777</b>	<b>1,039,957</b>	Mont. <sup>3</sup> .....	63	91,413	28,738	62,258
<b>U.S. ....</b>	<b>2,882</b>	<b>1,687,335</b>	<b>3,562,507</b>	<b>1,038,101</b>	Neb. <sup>4</sup> .....	87	48,412	90,475	47,589
Ala.....	54	32,678	115,610	10,530	Nev. <sup>4</sup> .....	36	65,288	3,115	8,133
Alaska.....	10	5,873	1,230	1,124	N. H. <sup>4</sup> .....	10	5,789	6,542	1,124
Ariz.....	47	55,777	6,529	26,393	N. J. <sup>4</sup> .....	14	4,813	15,458	1,379
Ark.....	76	33,599	95,009	16,475	N. Mex. <sup>4</sup> .....	58	60,353	16,850	44,210
Calif. <sup>2</sup> .....	160	67,646	99,248	25,226	N. Y. <sup>4</sup> .....	46	24,561	75,197	12,529
Colo. <sup>2</sup> .....	96	50,132	37,884	31,452	N. C. <sup>4</sup> .....	50	28,691	190,567	15,886
Conn. <sup>2</sup> .....	8	3,135	8,292	884	N. Dak. <sup>4</sup> .....	73	44,349	54,883	41,293
Del. <sup>2</sup> .....	3	1,266	5,207	762	Ohio.....	87	24,756	130,236	18,406
Fla. <sup>2</sup> .....	50	29,378	44,594	14,024	Okla. <sup>4</sup> .....	87	44,180	94,675	35,802
Ga. <sup>2</sup> .....	27	37,268	106,347	19,664	Oreg. <sup>4</sup> .....	59	41,624	48,958	19,014
Hawaii.....	16	3,582	4,147	2,444	Pa. <sup>4</sup> .....	54	24,244	89,508	10,719
Idaho.....	54	40,924	34,676	16,456	R. I. <sup>4</sup> .....	3	677	1,395	138
Ill. <sup>2</sup> .....	60	33,191	153,657	30,148	S. C. <sup>4</sup> .....	45	19,374	78,171	9,149
Ind. <sup>2</sup> .....	83	20,280	112,140	17,970	S. Dak. <sup>4</sup> .....	67	46,499	52,474	42,602
Iowa.....	100	33,331	174,707	33,831	Tenn. <sup>4</sup> .....	95	26,727	157,688	16,081
Kans. <sup>2</sup> .....	105	52,626	104,345	50,183	Tex. <sup>4</sup> .....	182	165,320	226,020	139,167
Ky. <sup>2</sup> .....	121	25,069	150,984	17,030	Utah.....	43	51,391	17,809	12,675
La. <sup>2</sup> .....	26	27,939	73,950	10,301	Vt. <sup>4</sup> .....	13	5,931	12,099	2,945
Maine.....	15	16,486	14,540	2,951	Va. <sup>4</sup> .....	30	24,950	98,483	13,128
Md. <sup>2</sup> .....	24	6,319	25,121	3,456	Wash. <sup>4</sup> .....	77	40,395	52,184	18,078
Mass.....	15	5,000	11,145	1,142	W. Va. <sup>4</sup> .....	14	15,411	44,011	6,062
Mich. <sup>2</sup> .....	78	31,643	102,256	13,598	Wis. <sup>4</sup> .....	71	35,011	131,215	21,156
Minn. <sup>2</sup> .....	81	37,753	146,942	29,109	Wyo. <sup>4</sup> .....	46	44,569	9,741	25,867
Miss. <sup>2</sup> .....	74	30,223	138,142	18,630	P. R. <sup>4</sup> .....	17	2,185	53,515	1,792
Mo. <sup>2</sup> .....	41	15,110	60,239	11,758	V. I. <sup>4</sup> .....	1	85	755	64

<sup>1</sup> For specific procedure on organization of soil conservation districts, see respective State soil conservation district law. By provision of most State district laws, State soil conservation committee has responsibility for organization of districts. Local district governing bodies administer affairs of each individual district.

<sup>2</sup> Includes Imperial Irrigation District.

<sup>3</sup> Includes 6 grass conservation districts.

<sup>4</sup> Includes Elephant Butte Irrigation District.

Source: Department of Agriculture, Soil Conservation Service; annual report, *Soil Conservation Districts*, and records.

# No. 867. FERTILIZERS—QUANTITIES OF COMMERCIAL FERTILIZERS CONSUMED AND AVERAGE PLANT FOOD CONTENT: 1940 TO 1960

[For years beginning July 1. Includes Hawaii and Puerto Rico, and Alaska in 1951 and 1952. Includes fertilizers distributed by Government agencies. See also *Historical Statistics, Colonial Times to 1957*, series K 169]

YEAR	ALL FERTILIZERS				MIXED FERTILIZERS			
	Quantity	Nitrogen	Phosphoric oxide	Potash	Quantity	Nitrogen	Phosphoric oxide	Potash
	1,000 tons	Percent	Percent	Percent	1,000 tons	Percent	Percent	Percent
1940.....	9,360	4.8	10.4	4.9	5,777	3.8	9.7	6.7
1950.....	20,991	5.9	10.0	6.6	13,978	4.2	11.0	9.0
1951.....	22,432	6.3	9.8	7.0	15,086	4.3	11.1	9.4
1952.....	23,413	7.0	9.7	7.4	15,722	4.6	11.3	9.9
1953.....	22,773	8.1	9.8	8.0	15,541	5.0	11.5	10.3
1954.....	22,726	8.6	10.0	8.2	15,348	5.2	11.9	10.8
1955.....	22,194	8.7	10.1	8.4	14,776	5.4	12.1	11.2
1956.....	22,709	9.4	10.1	8.5	14,703	5.7	12.4	11.4
1957.....	22,516	10.1	10.2	8.6	14,353	6.0	12.5	11.7
1958.....	25,308	10.6	10.1	8.7	16,069	6.2	12.5	11.9
1959.....	24,877	11.0	10.3	8.7	15,650	6.5	13.0	12.1
1960 (prel.).....	25,317	11.9	10.3	8.6	15,554	6.7	13.1	12.1

Source: Department of Agriculture, Economic Research Service.

# No. 868. ACREAGE TREATED AND MATERIALS DISPENSED BY AIRCRAFT, 1952 TO 1960, AND BY TYPE OF ACTIVITY, 1960

[Excludes Alaska and Hawaii]

YEAR AND TYPE OF ACTIVITY	Acres treated (1,000)	MATERIALS DISPENSED		Flight hours of aircraft employed
		Dry (1,000 lb.)	Liquid (1,000 gal.)	
1952.....	37,421	736,915	49,298	707,277
1953.....	39,396	664,689	73,949	722,318
1954.....	36,969	628,257	90,848	672,226
1955.....	50,157	755,338	78,431	851,960
1956.....	51,938	581,638	84,803	802,509
1957.....	61,255	655,031	95,333	865,800
1959.....	50,891	592,062	113,086	879,750
<b>Total..... 1960</b>	<b>51,978</b>	<b>632,022</b>	<b>120,278</b>	<b>889,100</b>
Insect control.....	33,057	150,331	73,569	505,690
Crops, orchards, soils.....	23,160	149,142	69,772	479,110
Forests.....	1,417	1,754	1,754	7,200
Towns, water, swamps.....	3,480	1,180	2,043	10,230
Plant disease control.....	752	8,984	2,420	19,060
Weed control.....	7,939	93	13,509	128,740
Brush control.....	1,431	16	5,520	25,720
Fertilization.....	2,966	336,246	2,717	75,540
Defoliation.....	3,609	15,782	22,543	81,890
Seeding.....	2,134	120,570		43,140
Other <sup>1</sup> .....				9,320

<sup>1</sup> Antifrost agitation, agitating fruit trees, chasing birds from crops, checking crops and fallow land.

Source: Federal Aviation Agency; *FAA Statistical Handbook of Aviation, and Aircraft in Agriculture, 1959*, and records.

# Balance Sheet—Farm Income

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## No. 869. BALANCE SHEET OF AGRICULTURE: 1940 to 1962

[In billions of dollars. As of January 1. Excludes Alaska and Hawaii]

ITEM	1940	1945	1950	1955	1958	1959	1960 <sup>1</sup>	1961 <sup>1</sup>	1962 <sup>1</sup> (Prel.)
<b>Assets</b> .....	53.0	93.1	130.8	164.7	186.4	202.3	204.8	206.1	211.3
Physical assets:									
Real estate.....	33.6	53.9	75.3	98.8	116.3	125.1	134.8	136.5	140.6
Non-real-estate:									
Livestock <sup>2</sup> .....	5.1	9.0	12.9	11.2	14.1	18.1	15.5	15.5	53.0
Machinery and motor vehicles.....	3.1	6.3	11.3	16.2	17.4	17.7	18.6	18.1	
Crops stored on and off farms <sup>3</sup> .....	2.7	6.7	7.6	9.6	7.6	9.3	7.9	8.1	
Household furnishings and equipment <sup>4</sup> .....	4.3	4.7	7.8	11.4	12.8	13.1	10.1	10.3	
Financial assets:									
Deposits and currency.....	3.2	7.0	9.1	9.4	9.5	10.0	9.1	8.7	17.7
United States savings bonds.....	.2	3.4	4.7	5.0	5.1	5.2	4.7	4.6	
Investments in cooperatives.....	.8	1.2	2.1	3.1	3.0	3.8	4.1	4.3	
<b>Claims</b> .....	53.0	93.1	130.8	164.7	186.4	202.3	204.8	206.1	211.3
<b>Liabilities</b> .....	10.0	8.3	12.5	17.8	20.2	23.3	24.1	25.4	27.2
Real estate debt.....	6.6	4.9	5.6	8.3	10.5	11.3	12.3	13.1	14.0
Non-real-estate debt to—									
Commodity Credit Corpora-									
tion <sup>5</sup> .....	.4	.7	1.7	2.2	1.2	2.5	1.2	1.3	1.7
Other reporting institutions <sup>6</sup> .....	1.5	1.6	2.8	4.0	5.0	5.8	6.7	7.0	11.3
Nonreporting creditors <sup>7</sup> .....	1.5	1.1	2.4	3.3	3.5	3.7	3.9	4.0	
Proprietors' equities.....	43.0	84.8	118.3	146.9	166.2	179.0	180.7	180.7	184.1

<sup>1</sup> Tentative estimates based on revisions in process as a result of the 1959 Census of Agriculture.

<sup>2</sup> Beginning 1961, excludes horses and mules.

<sup>3</sup> Includes all crops held on farms for whatever purpose and crops held off farms as security for Commodity Credit Corporation loans. The latter totaled \$648 million on Jan. 1, 1961.

<sup>4</sup> Estimated valuation for 1940, plus purchases minus depreciation since then.

<sup>5</sup> Includes loans held and loans guaranteed. Although these are nonrecourse loans, they are included as liabilities because borrowers must either repay in cash or deliver the commodities on which they were based. The values of the underlying commodities are included among the assets; hence, the loans must be included as liabilities to avoid overstating the amount of proprietors' equities.

<sup>6</sup> 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.

<sup>7</sup> Loans and credits extended by dealers, merchants, finance companies, individuals, and others. Estimates based on fragmentary data.

Source: Department of Agriculture, Economic Research Service; *The Balance Sheet of Agriculture*.

## No. 870. FARMS REPORTING AND AMOUNT OF INCOME OF FARM-OPERATOR FAMILIES RECEIVED FROM SOURCES OTHER THAN FARM OPERATED: 1960

[Excludes Alaska and Hawaii]

SOURCE OF INCOME	FARMS REPORTING		AMOUNT OF INCOME		
	Total (\$1,000)	Percent of all farms	Total (\$1,000)	Average per farm oper- ator family (dollars)	Average per farm oper- ator family reporting (dollars)
<b>Total off-farm income</b> .....	2,534	77.9	7,415,924	2,280	2,926
Cash wages, salaries.....	1,454	44.7	4,175,654	1,284	2,872
Nonfarm business or professional practice.....	317	9.7	1,131,464	348	3,560
Custom work.....	521	16.0	243,497	75	467
Roomers and boarders and contributions for family support from persons outside family.....	43	1.3	20,050	6	963
Rental of farm property to others.....	386	11.8	397,948	122	1,031
Rental of nonfarm property.....	133	4.1	134,561	41	1,012
Interest, dividends, and regular payments from trust funds.....	459	14.1	314,176	97	684
Federal Social Security, pensions, retirement pay, veteran payments, and annuities.....	546	16.8	595,440	183	1,090
Unemployment income, workmen's compensation, and old age assistance.....	109	3.3	61,519	19	564
Other (oil leases, soil bank payments, etc.).....	365	11.2	341,025	105	934

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Agriculture: 1959*, Vol. V.

## No. 871. FARM INCOME AND EXPENSES: 1940 TO 1961

[In millions of dollars. Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series K 81 and K 122-128]

ITEM	1940	1950	1955	1957	1958	1959	1960	1961
Realized gross income.....	11,038	32,482	33,332	34,389	37,907	37,514	38,069	39,555
Cash receipts.....	9,105	28,795	29,785	30,840	34,494	34,133	34,707	36,230
Crops.....	3,469	12,410	13,676	12,461	14,182	14,573	15,076	15,510
Livestock and livestock products.....	4,913	16,102	15,880	17,363	19,223	18,879	18,938	19,245
Government payments.....	723	283	229	1,016	1,089	682	693	1,484
Value of home consumption.....	1,210	2,223	1,806	1,762	1,552	1,410	1,342	1,289
Rental value of dwellings.....	723	1,464	1,741	1,787	1,861	1,971	2,020	2,027
Total expenses of agricultural production.....	6,749	19,297	21,862	23,371	25,272	26,288	26,369	26,890
Current farm operating expense (excluding hired labor).....	3,732	11,467	12,793	13,908	15,398	16,164	16,071	16,391
Feed purchased.....	998	3,283	3,840	4,083	4,592	4,808	4,848	4,988
Livestock purchased.....	517	2,004	1,530	1,957	2,711	2,723	2,508	2,550
Seed purchased <sup>1</sup> .....	197	531	577	529	526	506	538	512
Fertilizer and lime.....	306	978	1,256	1,280	1,338	1,460	1,463	1,506
Repairs and operation of capital items <sup>2</sup> .....	1,006	2,921	3,423	3,773	3,795	4,002	3,986	4,029
Miscellaneous <sup>3</sup> .....	708	1,750	2,167	2,286	2,436	2,665	2,728	2,806
Depreciation and other consumption of farm capital.....	796	2,736	3,722	3,885	3,948	4,135	4,144	4,085
Taxes on farms.....	451	919	1,149	1,277	1,343	1,436	1,553	1,638
Interest on farm mortgage debt.....	293	264	405	487	527	580	636	680
Wages paid hired farm labor <sup>4</sup> .....	1,029	2,678	2,736	2,785	2,895	2,962	2,935	3,016
Net rent to nonfarm landlords.....	448	1,233	1,057	1,029	1,161	1,011	1,030	1,080
Realized net income of farm operators from farming.....	4,289	13,185	11,470	11,018	12,635	11,226	11,700	12,665
Adjustment for inventory changes.....	+281	+815	+297	+762	+913	+92	+258	+296
Total net income of farm operators from farming.....	4,570	14,000	11,767	11,780	13,548	11,318	11,958	12,961
Farm wages to laborers living on farms.....	729	1,696	1,738	1,776	1,813	1,829	1,779	1,793
Net income to persons on farms from farming.....	5,299	15,696	13,505	13,556	15,361	13,147	13,737	14,750

<sup>1</sup> Includes bulbs, plants, and trees.

<sup>2</sup> Includes expenditures for repairs and maintenance of farm buildings; petroleum fuel and oil; other motor-vehicle operation, and repairs on other machinery.

<sup>3</sup> Includes short-term interest, pesticides, ginning, electricity and telephones (business share), livestock marketing charges (excluding feed and transportation), containers, irrigation, grazing, veterinary services and medicines, net insurance premiums (crop, fire, wind and hail), and miscellaneous dairy, nursery, greenhouse, apiary, and other supplies.

<sup>4</sup> Includes cash wages, perquisites, and Social Security taxes paid by employers.

Source: Department of Agriculture, Economic Research Service, *The Farm Income Situation*; and Statistical Reporting Service, annual report, *Agricultural Statistics*.

## No. 872. FARM INCOME—CASH RECEIPTS FROM FARM MARKETINGS OF CROPS AND LIVESTOCK AND PRODUCTS: 1940 TO 1961

[In millions of dollars. Excludes Alaska and Hawaii]

ITEM	1940	1945	1950	1955	1958	1959	1960	1961
Farm marketings.....	8,382	21,663	28,512	29,556	33,405	33,452	34,012	35,243
All crops.....	3,469	9,655	12,410	13,676	14,182	14,573	15,193	15,824
Cotton (lint and seed).....	638	1,208	2,434	2,568	2,143	2,631	2,340	2,511
Tobacco.....	242	898	1,061	1,225	1,020	1,080	1,154	1,321
Food grains.....	479	1,563	1,941	1,691	2,387	2,225	2,460	2,468
Oilbearing crops.....	126	615	936	1,130	1,333	1,270	1,364	1,786
Feed crops.....	600	1,509	2,143	2,642	2,877	2,747	3,025	2,937
Vegetables.....	559	1,611	1,347	1,658	1,597	1,651	1,845	1,744
Fruits and tree nuts.....	446	1,498	1,311	1,408	1,474	1,603	1,576	1,689
Sugar crops.....	79	161	205	200	269	251	261	264
Other <sup>1</sup> .....	300	602	1,032	1,054	1,082	1,126	1,088	1,108
All livestock and products.....	4,913	12,008	16,102	15,880	19,223	18,879	18,909	19,415
Hogs.....	836	2,263	3,214	2,709	3,367	2,784	2,809	3,141
Cattle and calves.....	1,375	3,318	5,080	5,174	7,321	7,834	7,888	7,573
Sheep and lambs.....	180	319	387	316	359	334	327	301
Wool.....	106	126	130	89	72	130	108	168
Dairy products.....	1,521	3,021	3,719	4,222	4,556	4,604	4,740	4,611
Poultry and eggs.....	828	2,817	2,839	3,106	3,363	2,985	3,282	3,183
Other <sup>2</sup> .....	67	144	193	174	195	208	195	198

<sup>1</sup> Greenhouse and nursery products, forest products, legume and grass seeds, hops, mint, broomcorn, popcorn, hemp fiber and seed, and flax fiber.

<sup>2</sup> Horses, mules, mohair, honey, beeswax, bees, goats, rabbits, and fur animals.

Source: Department of Agriculture, Economic Research Service; *The Farm Income Situation*.



**No. 873. FARM INCOME—CASH RECEIPTS, 1960 AND 1961, FROM FARM MARKETING AND GOVERNMENT PAYMENTS, 1961, AND PRINCIPAL COMMODITIES IN ORDER OF CASH RECEIPTS, 1960, BY STATES**

[In millions of dollars. Cattle includes calves, and sheep includes lambs]

STATE	1960	1961				Principal commodities in order of cash receipts, 1960
		Total	Farm marketings		Gov't pay-ments	
			Crops	Livestock and products		
United States ..	34,706.8	36,238.8	15,510.0	19,244.4	1,484.4	Cattle, dairy prod., hogs, cotton lint.
New England .....	737.0	689.0	200.1	482.3	6.6	
Maine.....	211.7	176.6	57.3	116.7	2.6	Potatoes, dairy prod., broilers, eggs.
New Hampshire.....	56.8	55.9	9.7	45.5	.8	Dairy prod., eggs, broilers, apples.
Vermont.....	125.0	121.1	10.8	108.4	1.9	Dairy prod., cattle, eggs, hay.
Massachusetts.....	163.9	158.6	57.7	100.2	.6	Dairy prod., eggs, broilers, tobacco.
Rhode Island.....	21.2	22.8	6.8	15.9	.1	Dairy prod., eggs, potatoes, cattle.
Connecticut.....	158.5	154.0	57.8	95.6	.6	Dairy prod., eggs, tobacco, broilers.
Middle Atlantic.....	1,985.3	2,003.8	590.8	1,370.9	42.1	
New York.....	867.4	890.2	249.5	620.9	19.8	Dairy prod., cattle, eggs, potatoes.
New Jersey.....	306.7	307.7	130.5	164.7	3.5	Eggs, dairy prod., tomatoes, cattle.
Pennsylvania.....	811.3	805.9	201.8	585.3	18.8	Dairy prod., eggs, cattle, broilers.
East North Central.....	6,027.3	6,564.3	2,317.4	3,933.0	313.9	
Ohio.....	1,023.0	1,083.2	404.6	618.1	60.4	Dairy prod., hogs, cattle, corn.
Indiana.....	1,146.6	1,249.6	469.6	709.8	70.2	Hogs, cattle, soybeans, corn.
Illinois.....	1,984.9	2,247.0	902.1	1,178.9	106.1	Cattle, hogs, corn, soybeans.
Michigan.....	746.9	791.3	350.0	404.1	37.2	Dairy prod., cattle, wheat, corn.
Wisconsin.....	1,126.8	1,193.2	131.1	1,022.1	40.0	Dairy prod., cattle, hogs, eggs.
West North Central.....	8,723.9	9,269.2	2,887.3	5,817.1	564.8	
Minnesota.....	1,454.6	1,564.0	415.1	1,071.1	78.7	Cattle, dairy prod., hogs, soybeans.
Iowa.....	2,501.4	2,685.3	560.0	1,995.7	129.6	Cattle, hogs, corn, soybeans.
Missouri.....	1,130.3	1,243.3	407.1	740.1	90.1	Cattle, hogs, soybeans, dairy prod.
North Dakota.....	555.5	473.4	258.9	170.2	44.3	Wheat, cattle, barley, flaxseed.
South Dakota.....	620.7	664.8	160.5	400.1	44.2	Cattle, hogs, wheat, corn.
Nebraska.....	1,205.1	1,276.0	421.0	765.5	88.6	Cattle, corn, hogs, wheat.
Kansas.....	1,247.3	1,361.6	663.0	614.4	83.3	Wheat, cattle, sorghum grain, hogs.
South Atlantic.....	4,025.5	4,237.8	2,474.4	1,653.4	110.0	
Delaware.....	116.4	109.5	37.1	70.1	2.2	Broilers, dairy prod., soybeans, corn.
Maryland.....	281.0	281.2	96.6	178.7	5.9	Dairy prod., broilers, cattle, tobacco.
Virginia.....	477.0	507.7	242.3	252.8	12.7	Tobacco, dairy prod., cattle, eggs.
West Virginia.....	110.7	107.2	23.2	80.5	3.5	Cattle, dairy prod., broilers, eggs.
North Carolina.....	1,098.3	1,151.5	800.6	318.9	32.0	Tobacco, broilers, dairy prod., eggs.
South Carolina.....	381.0	404.2	272.8	113.6	17.8	Tobacco, cotton lint, eggs, dairy prod.
Georgia.....	793.1	811.7	369.3	415.5	26.9	Broilers, tobacco, cotton lint, eggs.
Florida.....	767.9	864.9	632.6	223.3	9.0	Oranges, dairy prod., cattle, tomatoes.
East South Central.....	2,259.0	2,363.7	1,132.3	1,137.6	93.8	
Kentucky.....	676.6	623.7	287.1	304.9	31.7	Tobacco, cattle, dairy prod., hogs.
Tennessee.....	625.7	531.5	244.0	261.7	25.7	Cotton lint, cattle, dairy prod., tobacco.
Alabama.....	545.6	533.0	212.5	301.8	19.5	Cotton lint, cattle, broilers, eggs.
Mississippi.....	612.0	674.7	388.7	269.2	16.9	Cotton lint, cattle, broilers, soybeans.
West South Central.....	4,146.9	4,351.7	2,392.8	1,756.1	202.8	
Arkansas.....	692.4	755.9	488.5	251.8	15.7	Cotton lint, soybeans, broilers, cattle.
Louisiana.....	380.3	416.4	252.2	147.7	16.5	Cotton lint, cattle, rice, sugarcane for sugar.
Oklahoma.....	718.7	719.2	334.2	348.2	36.7	Cattle, wheat, cotton lint, dairy prod.
Texas.....	2,349.5	2,460.3	1,317.0	1,008.4	133.9	Cattle, cotton lint, sorghum grain, wheat.
Mountain.....	2,607.0	2,613.8	1,065.8	1,448.0	100.0	
Montana.....	421.2	391.7	149.5	225.1	17.0	Cattle, wheat, barley, sheep.
Idaho.....	445.4	441.8	229.0	198.7	14.1	Cattle, potatoes, wheat, dairy prod.
Wyoming.....	174.8	177.2	31.8	135.3	10.2	Cattle, sheep, wool, wheat.
Colorado.....	663.5	666.8	233.5	402.9	30.3	Cattle, wheat, dairy prod., sugar beets.
New Mexico.....	247.2	267.1	101.8	151.1	14.1	Cattle, cotton lint, wheat, dairy prod.
Arizona.....	437.7	456.7	282.8	168.0	5.3	Cotton lint, cattle, lettuce, dairy prod.
Utah.....	165.2	164.2	30.7	125.5	8.0	Cattle, dairy prod., turkeys, sheep.
Nevada.....	51.9	48.3	6.6	40.8	.9	Cattle, dairy prod., hay, sheep.
Pacific.....	4,194.9	4,145.5	2,449.1	1,645.9	50.4	
Washington.....	593.0	581.1	336.7	212.2	12.1	Wheat, dairy prod., cattle, apples.
Oregon.....	424.2	403.3	208.0	185.0	10.4	Cattle, dairy prod., wheat, eggs.
California.....	3,186.8	3,181.1	1,904.4	1,248.8	27.9	Cattle, dairy prod., cotton lint, eggs.

<sup>1</sup> Excludes Alaska and Hawaii.

Source: Department of Agriculture, Economic Research Service; *The Farm Income Situation*.

# NO. 874. PRICES RECEIVED AND PAID BY FARMERS—INDEXES, BY MAJOR GROUPS OF PRODUCTS: 1940 TO 1961

[1910-14=100. Excludes Alaska and Hawaii. Indexes cover 55 major farm products. See also *Historical Statistics, Colonial Times to 1867*, series K 129-138]

ITEM	1940	1950	1955	1957	1958	1959	1960	1961
Prices received by farmers:								
All farm products <sup>1</sup> .....	100	258	232	235	250	240	238	240
Crops <sup>2</sup> .....	90	233	231	225	223	221	221	226
Food grains.....	84	224	228	225	208	202	203	209
Feed grains and hay.....	85	193	183	166	154	156	151	151
Tobacco.....	134	402	437	406	482	508	500	524
Cotton.....	83	282	272	263	263	267	254	250
Fruits.....	81	194	202	203	248	212	236	245
Commercial vegetables.....	122	211	228	227	238	235	227	221
Oil-bearing crops.....	103	270	249	244	225	210	214	257
Livestock <sup>3</sup> .....	109	280	234	244	273	256	253	251
Meat animals.....	108	340	246	275	335	313	266	290
Dairy products.....	120	249	247	250	254	257	259	259
Poultry and eggs.....	98	186	191	162	170	143	160	146
Prices paid by farmers:								
All commodities <sup>4</sup> .....	124	256	276	286	293	297	299	301
Living and production.....	122	246	259	267	273	275	275	270
Living <sup>5</sup> .....	121	246	270	282	287	288	290	291
Production <sup>6</sup> .....	123	246	251	257	264	266	265	266
Interest payable per acre.....	102	89	136	163	176	194	213	228
Taxes payable per acre.....	189	320	394	440	470	496	534	578
Wage rates for hired farm labor <sup>6</sup> .....	129	425	516	558	574	612	631	641
Parity ratio <sup>6</sup> .....	81	101	84	82	85	81	80	80

<sup>1</sup> Includes products not shown separately. <sup>2</sup> Prices paid, including interest, taxes, and wage rates.

<sup>3</sup> All commodities bought for use in family maintenance. <sup>4</sup> All commodities bought for use in production.

<sup>5</sup> Simple average of quarterly indexes seasonally adjusted.

<sup>6</sup> Ratio of prices received to prices paid, including interest, taxes, and wage rates.

Source: Department of Agriculture, Statistical Reporting Service; annual report, *Agricultural Statistics*.

## NO. 875. FARM MARKETINGS, BY PRICE SUPPORT STATUS: 1950 TO 1961

[In millions of dollars. Excludes Alaska and Hawaii]

CROPS	TOTAL MARKET SALES				PERCENT OF TOTAL			
	1950	1955	1960	1961	1950	1955	1960	1961
Total.....	28,512	29,556	34,014	35,243	100.0	100.0	100.0	100.0
Under price support.....	12,205	13,564	15,216	16,100	42.8	45.9	44.7	45.7
Under mandatory support.....	10,426	11,520	12,813	13,247	36.6	39.0	37.7	37.6
Basic commodities.....	6,563	7,194	7,098	7,944	23.0	24.3	22.6	22.5
Cotton.....	2,143	2,324	2,140	2,227	7.5	7.9	6.3	6.3
Wheat.....	1,732	1,698	2,241	2,181	6.1	5.7	6.6	6.2
Corn.....	1,232	1,507	1,746	1,763	4.3	5.1	5.1	5.0
Tobacco.....	1,061	1,225	1,157	1,320	3.7	4.1	3.4	3.7
Rice.....	189	270	245	265	0.7	0.9	0.7	0.8
Peanuts.....	206	170	168	188	0.7	0.6	0.6	0.5
Nonbasic commodities.....	3,863	4,328	5,115	5,303	13.6	14.7	15.0	15.1
Dairy products.....	3,719	4,222	4,736	4,911	13.0	14.3	13.9	13.9
Wool.....	130	89	111	108	0.5	0.3	0.3	0.3
Mohair.....	10	14	22	24	(1)	(1)	0.1	0.1
Tung nuts.....	4	1	3	6	(1)	(1)	(1)	(1)
Sugar beets.....			193	194			0.6	0.6
Sugarcane.....			50	60			0.1	0.2
Under nonmandatory support.....	1,773	2,044	2,403	2,853	6.2	6.9	7.1	8.1
Soybeans.....	596	832	1,104	1,522	2.1	2.8	3.2	4.3
Cottonseed.....	280	244	225	284	1.0	0.8	0.7	0.8
Oats.....	229	246	200	186	0.8	0.8	0.7	0.5
Barley.....	194	238	252	263	0.7	0.8	0.7	0.8
Dry beans.....	113	124	138	137	0.4	0.4	0.4	0.4
Flaxseed.....	130	127	79	70	0.5	0.4	0.2	0.2
Sorghum grain.....	209	211	378	369	0.7	0.7	1.1	1.0
Ityo.....	18	22	21	22	0.1	0.1	0.1	0.1
Not under price support.....	16,307	15,993	18,798	19,143	57.2	54.1	55.3	54.3

<sup>1</sup> Less than 0.05 percent.

Source: Department of Agriculture, Economic Research Service; *The Farm Income Situation*.

**No. 876. PRICES RECEIVED AND PARITY PRICES FOR SELECTED FARM PRODUCTS: 1962**  
[Excludes Alaska and Hawaii]

COMMODITY	Unit	Adjusted base price <sup>1</sup>	Average price, March 15	Effective parity price based on data for March <sup>2</sup>	Average price as percentage of parity price, March
<b>Basic commodities:</b>					
Cotton, American upland	Ct. per lb.	12.86	29.35	39.22	75
Wheat	Dol. per bu.	.798	1.90	2.43	78
Rice	Dol. per cwt.	2.04	5.70	6.22	92
Corn	Dol. per bu.	.826	.968	1.60	60
Peanuts	Ct. per lb.	<sup>3</sup> 4.41	11.4	13.5	84
<b>Designated nonbasic commodities:</b>					
Milkfat, in cream	do.	25.0	60.2	76.2	79
All milk, wholesale	Dol. per cwt.	1.72	<sup>4</sup> 4.14	5.25	<sup>5</sup> 80
Wool	Ct. per lb.	<sup>3</sup> 24.1	<sup>6</sup> 42.7	73.5	58
<b>Other nonbasic commodities:</b>					
Barley	Dol. per bu.	.413	1.03	1.26	82
Beans, dry edible	Dol. per cwt.	3.05	6.39	9.30	69
Cottonseed	Dol. per ton	<sup>3</sup> 20.60	50.90	62.80	81
Flaxseed	Dol. per bu.	1.26	3.21	3.84	84
Oats	do.	.276	.652	.842	77
Rye	do.	.474	.995	1.45	69
Sorghum grain	Dol. per cwt.	.822	1.67	2.51	67
Soybeans	Dol. per bu.	.968	2.34	2.95	79
Potatoes	Dol. per cwt.	<sup>3</sup> 7.81	<sup>4</sup> 1.21	2.38	51
Sweetpotatoes	do.	1.96	5.70	5.98	95
Grapefruit <sup>7</sup>	Dol. per box	<sup>3</sup> 3.347	<sup>4</sup> .62	1.06	58
Lemons <sup>7</sup>	do.	<sup>3</sup> 7.21	<sup>4</sup> 1.07	2.20	49
Limes <sup>7</sup>	do.	<sup>3</sup> 1.21	<sup>4</sup> 5.63	3.69	163
Oranges <sup>7</sup>	do.	<sup>3</sup> 8.74	<sup>4</sup> 2.27	2.67	85
Tangerines <sup>7</sup>	do.	<sup>3</sup> 7.737	<sup>4</sup> 1.24	2.25	55
Apples, for fresh use <sup>8</sup>	Dol. per bu.	.964	<sup>4</sup> 2.53	2.94	86
Beef cattle	Dol. per cwt.	7.73	21.20	23.60	90
Calves	do.	8.58	25.30	26.20	97
All chickens, live	Ct. per lb.	7.98	15.8	24.3	65
Eggs	Ct. per doz.	15.5	<sup>9</sup> 33.0	47.3	<sup>5</sup> 70
Hogs	Dol. per cwt.	7.09	16.00	21.60	74
Lambs	do.	7.98	16.50	24.30	68
Turkeys, live	Ct. per lb.	11.1	20.8	33.9	61

<sup>1</sup> Adjusted base price 1910-14 derived from 120-month, January 1952-December 1961, average by dividing by 247 percent, the 120-month average of the index of prices received by farmers, unless otherwise noted.

<sup>2</sup> These parity prices are the legally applicable parity prices for April 1962.

<sup>3</sup> Adjusted base price 1910-14 derived from 10-season average prices 1952-61.

<sup>4</sup> Monthly average. <sup>5</sup> Seasonally adjusted price as percentage of parity price.

<sup>6</sup> Average local market price excluding incentive payment.

<sup>7</sup> Equivalent on-tree returns for all methods of sale.

<sup>8</sup> Equivalent packing house—door returns for Pacific Coast States and prices as sold for other States.

<sup>9</sup> Average of all eggs sold by farmers including hatching eggs and eggs sold at retail by farmers.

Source: Department of Agriculture, Statistical Reporting Service; *Agricultural Prices*.

**No. 877. COMMODITY CREDIT CORPORATION—LOANS MADE AND OUTSTANDING, COST OF ACQUISITIONS, VALUE OF COMMODITIES OWNED, SALES, AND STORAGE COSTS: 1950 to 1961**

[In millions of dollars. As of June 30 or for years ending June 30. Beginning 1960, includes Alaska]

YEAR	Loans made	Loans outstanding (book value)	Cost of acquisitions <sup>1</sup>	Value of commodities owned <sup>1</sup>	SALES AND DONATIONS <sup>1</sup>		PRICE SUPPORT COMMODITIES STORAGE AND HANDLING COSTS			
					Total	Exports	Total	Wheat	Corn	Other
1950	2,023	923	2,464	2,624	933	624	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
1951	771	354	721	1,433	2,115	862	117	51	31	36
1952	949	390	383	1,073	905	475	73	33	28	12
1953	2,120	1,163	1,508	2,339	520	211	120	81	20	20
1954	3,355	2,368	2,396	3,668	1,424	663	237	142	44	51
1955	2,377	2,137	2,854	4,972	2,115	1,313	333	185	54	95
1956	3,024	2,319	2,967	5,972	2,723	1,936	374	155	72	117
1957	2,445	1,994	2,800	5,371	4,208	3,040	364	162	117	85
1958	2,135	1,600	2,750	5,455	3,459	2,304	409	152	140	117
1959	3,543	2,480	2,568	6,200	2,010	1,328	482	205	134	143
1960	1,507	1,347	3,845	7,223	3,598	904	522	214	145	100
1961	1,814	1,523	2,873	<sup>3</sup> 5,563	4,058	1,290	460	176	149	135

<sup>1</sup> Price support commodities only. <sup>2</sup> Not available.

<sup>3</sup> Due to a change in accounting policy the value given should be adjusted upward by \$1,268 million to make it comparable with previous years.

Source: Department of Agriculture, Agricultural Stabilization and Conservation Service.

**No. 878. COMMODITY CREDIT CORPORATION—TOTAL LOANS MADE, 1933 TO 1961;  
AND LOANS OUTSTANDING, INVENTORIES, AND COST OF ACQUISITIONS, 1961**

[Beginning 1960, includes Alaska. The Commodity Credit Corporation (CCC), established in 1933, is the financial organization through which farm price support is carried out by loans, purchases, and other operations. CCC now carries on 6 separate activities—price support, storage facilities, supply, foreign purchase, commodity export, and International Wheat Agreement programs]

COMMODITY	1933 to 1961				1961			
	Loans made, <sup>1</sup> cumulative			Realized program gains or losses <sup>2</sup> (—)	Loans outstand- ing <sup>3</sup> (book value)	Cost of acquisi- tions <sup>4</sup>	Inventories of commodities owned <sup>5</sup>	
	Quantity		Amount				Quan- tity, total <sup>6</sup>	Cost <sup>6</sup>
	Unit	Pledged						
Total		1,000	\$1,000	\$1,000	\$1,000	\$1,000	1,000	\$1,000
			33,595,977	-9,605,173	1,522,765	2,872,747		5,563,332
Barley	Bu.	736,348	680,876	-182,188	33,827	16,250	53,769	48,311
Beans, dry	Cwt.	40,775	288,842	-79,507		11,936	1,206	7,922
Corn	Bu.	5,406,965	6,257,472	-1,879,146	781,674	444,470	1,261,016	1,696,444
Cotton	Bale	76,152	9,275,811	-1,005,517	11,832	1,226,300	1,975	339,893
Eggs	Lb.			-189,169				
Fiber flax	do.			-397				
Flour and related grain products	do.			-462,839		129,299		4
Fruit, dried	do.	845,333	17,537	-14,882				
Grapefruit juice	do.			-1,732				
Honey	do.	28,723	2,971	-881	62			
Milk and milk products:								
Butter	do.	127,166	32,156	-534,745		125,559	159,531	95,824
Butter oil	do.			-121,190				
Cheese	do.			-390,495		6,748	17,673	6,681
Milk, dried	do.			-870,776		128,862	307,018	44,953
Milk, fluid	do.			-130,211		25,294		
Whey	do.	91,430	3,968	-3,584				
Naval stores:								
Rosin	do.	2,108,482	89,460	1,503	917 906	115		
Turpentine	Gal.	51,912	20,870					
Oats	Bu.	440,899	287,924	-98,678	13,866	2,307	10,358	6,407
Oilseeds and products:								
Castor beans	Lb.			-171				
Cotton linters	do.			-117,420				
Cottonseed	Ton	17	807					
Cottonseed meal	Lb.			-168,854	35	113	1	3
Cottonseed oil, crude	do.							
Cottonseed oil, refined	do.			-202,017	44	28,671	43	12,875
Flaxseed	Bu.	82,895	264,359	-24,895	393	8,207	1	2
Linseed oil	Lb.							
Peanuts	Ton	2,011	538,117					
Soybeans	Bu.	494,130	1,028,430	-21,459				
Hemp and hemp fiber	Lb.			-21,459				
Hops	do.	7,077	1,388	-954				
Olive oil	Gal.	1,046	2,611	-678				
Peas, dry	Cwt.	846	2,705	-824				
Potatoes, Irish	do.	156,175	165,568	-478,583				
Potatoes, sweet	do.	77	150	-135				
Rice	do.	87,149	439,713	-184,833	40	40,846	4,293	20,635
Rye	Bu.	61,847	60,189	-23,274	1,296	1,709	4,323	4,437
Seeds, miscellaneous	Lb.	453,228	62,529	-38,717				
Sorghum, grain	Cwt.	750,283	1,441,579	-533,834	19,580	156,182	392,311	759,997
Sugar	Lb.			-16,493				
Tobacco	do.	3,594,514	1,860,402	-6,815	387,850	25,618		
Tung oil	do.	142,749	31,241	-4,984	384	3,354	4,828	1,012
Wheat	Bu.	6,044,490	10,414,150	-1,364,186	222,084	490,907	1,242,518	2,484,114
Wool	Lb.	322,641	150,438	-440,092				
Other			173,714	-11,111	47,375			33,818

<sup>1</sup> Comprises loans made directly by Commodity Credit Corporation and loans made by banks and other lending agencies under CCC. Obligations to purchase renewals and extensions of loans previously made are excluded.

<sup>2</sup> Price Support Program only. Net result of supply, foreign purchase, emergency feed, and commodity export programs amounted to a net loss of \$830,189,789.

<sup>3</sup> As of June 30.

<sup>4</sup> For year ending June 30. Cost of acquisitions of agricultural commodities comprises purchases under price-support, and acquisitions in settlement of price-support loans.

<sup>5</sup> For unit of quantity, see first column.

<sup>6</sup> See footnote 2, table 877.

Source: Department of Agriculture, Statistical Reporting Service; annual report, *Agricultural Statistics* and records.

# No. 879. FARM-TO-RETAIL PRICE SPREADS OF FARM FOOD PRODUCTS, BY COM-MODITY GROUPS: 1947 TO 1961

[In dollars, except for farmer's share of consumer's dollar. Excludes Alaska and Hawaii. These estimates are based on prices of a market basket of farm food products containing quantities equivalent to 1952 annual average purchases per urban wage earner and clerical worker family. Quantities of foods valued do not change from year to year. See also *Historical Statistics, Colonial Times to 1957*, series T 352-355, for totals]

COMMODITY GROUP AND VALUE	1947- 1949, average	1950	1955	1957	1958	1959	1960	1961 (prel.)
<b>All farm food products:</b>								
Retail cost <sup>1</sup> .....	940	920	960	1,007	1,064	1,040	1,053	1,060
Farm value adjusted for byproducts <sup>2</sup> .....	466	432	395	401	430	398	407	404
Marketing margin <sup>3</sup> .....	474	488	574	606	634	642	646	656
Farmer's share of consumer's dollar <sup>4</sup> (percent)....	50	47	41	40	40	38	39	38
<b>Meat products:</b>								
Retail cost <sup>1</sup> .....	256	264	241	259	202	281	276	273
Farm value adjusted for byproducts <sup>2</sup> .....	171	173	129	140	165	147	143	141
Marketing margin <sup>3</sup> .....	85	91	112	119	127	134	133	137
Farmer's share of consumer's dollar <sup>4</sup> (percent)....	67	65	54	54	57	52	52	51
<b>Dairy products:</b>								
Retail cost <sup>1</sup> .....	169	164	181	191	194	195	200	202
Farm value adjusted for byproducts <sup>2</sup> .....	92	83	84	88	88	88	89	89
Marketing margin <sup>3</sup> .....	77	81	97	103	106	107	111	113
Farmer's share of consumer's dollar <sup>4</sup> (percent)....	54	50	46	46	45	45	45	44
<b>Poultry and eggs:</b>								
Retail cost <sup>1</sup> .....	117	105	104	94	96	86	90	87
Farm value adjusted for byproducts <sup>2</sup> .....	81	69	68	57	60	50	56	52
Marketing margin <sup>3</sup> .....	36	37	36	37	36	36	34	35
Farmer's share of consumer's dollar <sup>4</sup> (percent)....	69	65	66	61	63	58	62	60
<b>Bakery and other cereal products:</b>								
Retail cost <sup>1</sup> .....	122	127	149	157	160	161	165	168
Farm value adjusted for byproducts <sup>2</sup> .....	35	31	32	32	30	28	28	30
Marketing margin <sup>3</sup> .....	87	96	117	125	130	133	136	138
Farmer's share of consumer's dollar <sup>4</sup> (percent)....	28	24	21	21	19	17	17	18
<b>Fruits and vegetables:</b>								
Retail cost <sup>1</sup> .....	185	180	210	219	234	231	237	238
Farm value adjusted for byproducts <sup>2</sup> .....	61	56	62	62	67	68	71	71
Marketing margin <sup>3</sup> .....	124	124	148	156	167	163	166	167
Farmer's share of consumer's dollar <sup>4</sup> (percent)....	33	31	29	28	29	29	30	30
<b>Fats and oils:</b>								
Retail cost <sup>1</sup> .....	52	42	43	45	45	43	41	43
Farm value adjusted for byproducts <sup>2</sup> .....	20	15	13	14	12	11	11	14
Marketing margin <sup>3</sup> .....	32	27	30	31	33	32	30	30
Farmer's share of consumer's dollar <sup>4</sup> (percent)....	38	35	31	32	27	25	27	31
<b>Miscellaneous:</b>								
Retail cost <sup>1</sup> .....	39	38	41	42	43	44	44	45
Farm value adjusted for byproducts <sup>2</sup> .....	6	7	7	7	7	7	7	7
Marketing margin <sup>3</sup> .....	33	31	34	35	36	36	37	38
Farmer's share of consumer's dollar <sup>4</sup> (percent)....	15	17	17	17	17	17	17	16

<sup>1</sup> Calculated from retail prices collected by the Bureau of Labor Statistics.

<sup>2</sup> Calculated from official series showing prices received by farmers applied to quantities of farm products equivalent to retail purchases.

<sup>3</sup> Equals difference between retail cost and farm value.

<sup>4</sup> Obtained by expressing the farm value as a percentage of retail cost (based on unrounded figures).

Source: Department of Agriculture, Statistical Reporting Service; annual report, *Agricultural Statistics*.

# No. 880. FARM-OPERATOR LEVEL-OF-LIVING INDEX, BY GEOGRAPHIC DIVISIONS: 1950 and 1959

[U.S. average, 1959=100. Excludes Alaska and Hawaii. Based on percent of farms with telephones, home freezers, and automobiles; and average value of land and buildings per farm, and average value of sales per farm. These indexes are not comparable with any previously published]

YEAR	United States	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
1950.....	59	73	76	77	76	38	30	47	71	84
1959.....	100	108	114	115	114	81	68	91	122	132

Source: Department of Agriculture, Economic Research Service.

# No. 881. LEVEL-OF-LIVING INDICATORS FOR FARM-OPERATOR FAMILIES, BY GEOGRAPHIC REGION AND DIVISION: 1959

[For composition of regions and divisions, see fig. I, p. XII]

REGION AND DIVISION	PERCENT OF FARMS REPORTING AS HAVING—					Average value of land and buildings per farm (\$1,000)
	Telephone	Home freezer	Auto-mobile	Farm sales of \$10,000 or more	Other income greater than value of farm sales	
United States <sup>1</sup> .....	65	56	80	21	36	34.8
Region and division:						
North.....	81	63	90	28	28	36.0
Northeast.....	87	64	87	29	40	24.7
New England.....	88	56	84	32	42	24.9
Middle Atlantic.....	86	66	87	28	39	24.7
North Central.....	80	63	91	28	26	38.0
East North Central.....	81	67	91	25	34	37.1
West North Central.....	78	60	90	30	24	38.7
South.....	45	46	67	12	43	23.7
South Atlantic.....	45	48	70	11	43	21.7
East South Central.....	40	41	61	6	42	14.0
West South Central.....	52	51	71	19	44	37.3
West <sup>1</sup> .....	81	63	88	35	39	82.4
Mountain.....	73	66	86	37	30	73.0
Pacific.....	87	61	88	34	46	89.6

<sup>1</sup> Excludes Alaska and Hawaii.

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Agriculture: 1959*, Vol. II.

# No. 882. SPECIFIED FARM EXPENDITURES: 1939 TO 1959

[Beginning 1959, includes Alaska and Hawaii. All 1949, 1954, and 1959 figures based on reports for a sample of farms]

ITEM	FARMS REPORTING		AMOUNT EXPENDED		
	Number	Percent of all farms	Total	Average per farm (based on all farms)	Average per farm reporting
	1,000		Mil. dol.	Dollars	Dollars
All farms..... 1959.....	3,708	100.0			
Specified farm expenditures..... 1959.....	3,671	99.0	14,085	3,798	3,836
Machine hire and/or hired labor..... 1949.....	3,548	66.0	3,030	563	864
..... 1954.....	3,286	68.7	2,917	610	888
..... 1959.....	( <sup>1</sup> )	( <sup>1</sup> )	3,426	924	( <sup>1</sup> )
Machine hire..... 1949.....	2,758	51.3	612	114	222
..... 1954.....	2,545	53.2	638	133	261
..... 1959.....	1,991	53.7	865	217	404
Hired labor <sup>1</sup> ..... 1939.....	2,260	37.1	782	128	340
..... 1944.....	2,799	47.8	1,865	318	660
..... 1949.....	2,670	49.6	2,418	450	906
..... 1954.....	2,221	46.4	2,279	477	1,026
..... 1959.....	1,785	48.1	2,622	707	1,469
Feed for livestock and poultry..... 1939.....	3,343	54.8	736	120	219
..... 1944.....	4,272	72.9	2,427	414	508
..... 1949.....	3,876	72.0	3,024	502	780
..... 1954.....	3,653	76.4	3,906	817	1,069
..... 1959.....	2,843	76.7	4,755	1,282	1,673
Gasoline and other petroleum fuel and oil for the farm business..... 1939.....	2,887	47.3	323	53	112
..... 1949.....	2,983	55.5	1,134	211	380
..... 1954.....	3,268	68.3	1,366	286	418
..... 1959.....	3,464	93.4	1,554	419	449

<sup>1</sup> Not available.

<sup>2</sup> Cash payments for farm labor, housework specifically excluded; excludes expenditures for contract construction work, machine hire, or labor included in cost of machine hire.

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Agriculture: 1959*, Vol. II.

# No. 883. FARM LABOR—FARMS REPORTING, PERSONS WORKING ON FARMS DURING WEEK PRECEDING ENUMERATION, AND WAGES PAID: 1959

[Based on reports for a sample of farms. Relates to farm operators working 1 hour or more, hired workers doing farm work, and unpaid family members working 15 hours or more during week (September 26-October 2 or October 24-30). Excludes housework and contract construction work. For composition of regions, see fig. 1, p. XII]

STATE	Family and/or hired workers, persons working	FAMILY WORKERS, INCLUDING OPERATOR		HIRED WORKERS		CASH WAGES PAID FOR HIRED LABOR IN 1959	
		Farms reporting	Persons working	Farms reporting	Persons working	Farms reporting	Amount (\$1,000)
United States.....	6,332,478	3,125,131	4,748,325	547,611	1,584,153	1,784,826	2,621,651
The North.....	2,855,098	1,536,236	2,422,007	233,540	433,091	801,862	817,949
The South.....	2,751,609	1,299,699	1,892,157	239,706	859,452	789,257	916,407
The West.....	725,771	289,196	434,161	74,365	291,610	193,707	887,295
New England.....	113,768	49,685	72,483	14,742	41,285	28,723	91,853
Maine.....	20,457	14,760	20,440	3,318	9,017	8,484	21,735
New Hampshire.....	11,750	5,662	8,075	1,518	3,675	2,763	6,573
Vermont.....	22,269	11,022	16,539	3,535	5,730	6,763	10,812
Massachusetts.....	25,834	9,745	14,481	3,261	11,353	5,645	26,887
Rhode Island.....	3,628	1,281	1,860	509	1,768	801	3,142
Connecticut.....	20,830	7,215	11,088	2,601	9,742	4,277	22,703
Middle Atlantic.....	376,192	175,763	277,973	43,720	98,219	95,242	207,183
New York.....	157,863	72,803	111,184	20,544	46,679	41,931	93,453
New Jersey.....	35,334	13,091	20,539	5,447	14,795	9,629	42,604
Pennsylvania.....	182,995	89,776	146,250	17,729	36,745	43,682	71,126
East North Central.....	1,065,246	591,274	918,646	84,552	146,600	298,854	264,984
Ohio.....	215,325	123,301	185,995	15,563	29,380	59,594	57,914
Indiana.....	184,019	112,390	163,198	13,094	20,821	54,133	39,035
Illinois.....	234,559	139,458	197,950	23,904	36,600	77,092	71,712
Michigan.....	175,378	93,257	143,499	13,449	31,879	48,398	51,120
Wisconsin.....	255,965	122,868	227,995	18,542	27,970	59,637	45,203
West North Central.....	1,299,892	719,514	1,152,905	90,526	146,987	379,042	253,929
Minnesota.....	293,940	136,048	235,217	17,849	28,723	65,013	42,435
Iowa.....	293,449	164,618	260,126	23,901	33,323	92,975	50,060
Missouri.....	250,262	149,389	218,726	14,667	31,526	69,232	45,346
North Dakota.....	89,192	46,055	77,706	6,445	11,486	27,596	22,673
South Dakota.....	93,700	50,993	84,851	6,409	8,869	26,598	17,048
Nebraska.....	154,554	82,510	137,482	10,903	17,072	44,175	33,871
Kansas.....	154,805	89,901	138,817	10,352	15,988	53,454	33,496
South Atlantic.....	994,704	466,012	687,673	95,157	307,031	307,677	375,152
Delaware.....	9,222	4,372	6,589	1,076	2,633	2,617	6,028
Maryland.....	45,669	21,322	31,848	6,570	13,821	13,794	26,921
Virginia.....	161,648	82,104	120,087	15,978	41,561	45,554	50,575
West Virginia.....	59,120	37,516	51,532	3,520	7,588	13,504	10,361
North Carolina.....	307,811	150,960	232,016	25,971	75,795	112,844	74,676
South Carolina.....	136,349	58,158	87,682	13,189	48,667	41,403	36,425
Georgia.....	175,854	80,509	115,710	18,674	60,144	54,681	57,248
Florida.....	99,031	30,981	42,209	10,179	56,822	23,780	112,018
East South Central.....	881,741	435,492	641,936	66,032	240,705	247,744	164,158
Kentucky.....	211,941	121,726	170,853	18,826	41,088	74,506	64,672
Tennessee.....	241,229	126,636	184,084	17,994	57,145	72,576	36,898
Alabama.....	167,453	83,647	121,639	13,772	45,814	49,784	36,570
Mississippi.....	261,118	103,483	164,460	15,440	96,658	50,878	56,045
West South Central.....	875,164	398,195	563,448	78,517	311,716	238,836	377,097
Arkansas.....	192,064	76,341	111,369	12,284	80,695	39,775	75,808
Louisiana.....	126,819	56,420	81,201	9,205	45,618	27,122	40,039
Oklahoma.....	145,057	81,803	117,060	9,449	27,997	43,010	33,949
Texas.....	411,224	183,631	253,818	47,578	157,406	123,929	227,301
Mountain.....	292,837	126,665	197,705	30,526	95,132	83,595	217,083
Montana.....	49,580	24,268	38,056	5,668	11,524	10,143	28,250
Idaho.....	59,378	29,759	47,102	4,943	12,276	19,023	33,714
Wyoming.....	20,654	8,587	14,353	2,416	6,301	5,852	14,024
Colorado.....	62,707	28,586	45,684	7,487	17,123	19,650	41,294
New Mexico.....	35,433	11,989	17,743	3,807	17,690	7,853	25,015
Arizona.....	30,495	5,876	8,374	2,791	22,121	4,706	53,209
Utah.....	28,894	15,511	23,268	2,638	5,626	9,514	13,505
Nevada.....	5,696	2,089	3,225	756	2,471	1,300	7,172
Pacific.....	432,934	162,531	236,456	43,839	196,478	110,112	670,212
Washington.....	82,363	43,643	64,023	7,395	18,360	26,237	67,344
Oregon.....	68,219	35,322	51,887	5,819	16,332	19,500	49,522
California.....	255,828	78,028	110,613	29,556	145,215	62,284	498,743
Alaska.....	608	282	470	63	138	165	487
Hawaii.....	25,896	5,256	9,463	1,006	16,433	1,926	54,116

Source: Department of Commerce, Bureau of the Census; U.S. Census of Agriculture: 1959, Vol. II.

# No. 884. FARM FACILITIES—TELEPHONE, MOTOR VEHICLES, AND TRACTORS, 1920 TO 1959, AND BY STATES, 1959

[In thousands. Beginning 1950, based on reports for a sample of farms. For composition of regions, see fig. I, p. XII]

YEAR AND STATE	TELEPHONE		MOTOR TRUCKS ON FARMS		AUTOMOBILES ON FARMS		TRACTORS ON FARMS	
	Farms reporting	Percent of all farms	Farms reporting	Number	Farms reporting	Number	Farms reporting	Number
1920 <sup>1</sup> .....	2,498	38.7	132	139	1,980	2,146	229	246
1930 <sup>1</sup> .....	2,139	34.0	845	900	3,650	4,135	851	920
1940 <sup>1</sup> .....	1,527	25.0	944	1,047	3,542	4,144	1,410	1,567
1950 <sup>1</sup> .....	2,058	38.2	1,840	2,207	3,390	4,199	2,525	3,009
1954 <sup>1</sup> .....	2,332	48.8	2,213	2,703	3,392	4,263	2,876	4,692
1959								
U.S. ....	2,411	65.0	2,177	2,834	2,957	3,635	2,680	5,139
The North.....	1,385	80.8	1,055	1,314	1,545	1,834	1,504	3,124
The South.....	746	45.3	866	1,046	1,108	1,288	904	1,425
The West.....	280	80.5	266	474	304	413	272	591
New England.....	50	87.5	38	59	48	61	42	78
Maine.....	14	82.2	12	17	14	17	12	20
New Hampshire.....	6	85.4	5	7	5	7	5	8
Vermont.....	10	83.5	8	10	10	13	10	18
Massachusetts.....	10	94.1	7	12	9	12	8	15
Rhode Island.....	1	92.7	1	2	1	2	1	2
Connecticut.....	8	96.7	6	11	7	10	6	14
Middle Atlantic.....	171	86.4	117	159	173	225	171	354
New York.....	74	90.1	47	66	73	93	73	158
New Jersey.....	14	93.6	12	21	13	19	12	30
Pennsylvania.....	82	82.3	58	71	86	113	86	168
East North Central.....	542	81.3	390	450	606	759	592	1,237
Ohio.....	114	81.1	70	82	125	162	120	243
Indiana.....	107	83.1	76	88	114	140	110	225
Illinois.....	128	82.9	100	114	142	173	138	321
Michigan.....	89	80.1	64	76	102	131	102	194
Wisconsin.....	104	79.1	81	91	123	153	122	254
West North Central.....	622	78.4	510	646	718	889	699	1,455
Minnesota.....	114	78.4	87	103	136	171	134	287
Iowa.....	160	91.7	92	100	166	205	159	343
Missouri.....	112	66.3	96	110	134	151	128	218
North Dakota.....	36	65.8	48	75	61	67	52	125
South Dakota.....	40	72.1	39	52	52	66	51	118
Nebraska.....	73	80.4	64	83	85	110	82	180
Kansas.....	87	83.9	83	122	93	119	92	184
South Atlantic.....	266	44.9	286	349	417	493	331	512
Delaware.....	5	87.9	4	5	5	6	4	9
Maryland.....	20	80.1	16	21	22	28	21	43
Virginia.....	49	50.4	48	58	65	78	56	92
West Virginia.....	22	50.2	21	25	27	31	22	32
North Carolina.....	67	35.4	81	91	134	164	107	151
South Carolina.....	28	35.3	33	30	56	60	35	51
Georgia.....	47	44.5	61	73	76	88	63	93
Florida.....	28	61.2	24	36	33	42	23	40
East South Central.....	225	40.1	252	287	343	389	265	381
Kentucky.....	68	45.2	66	75	102	117	81	113
Tennessee.....	81	51.1	69	77	101	114	70	110
Alabama.....	40	34.4	55	63	67	78	54	87
Mississippi.....	37	26.7	61	71	73	82	308	531
West South Central.....	255	51.9	318	411	348	406	308	589
Arkansas.....	31	32.4	59	73	52	58	34	66
Louisiana.....	39	52.3	39	47	48	55	30	59
Oklahoma.....	58	61.3	70	93	72	83	67	109
Texas.....	127	56.0	150	198	177	211	157	278
Mountain.....	108	72.8	124	225	128	171	122	276
Montana.....	19	60.5	26	53	26	35	26	65
Idaho.....	27	81.6	27	44	30	38	29	62
Wyoming.....	6	66.4	9	16	8	11	8	22
Colorado.....	26	78.4	29	52	30	40	28	66
New Mexico.....	7	42.9	12	20	11	14	9	18
Arizona.....	5	69.7	6	17	6	10	5	14
Utah.....	16	87.2	14	19	16	20	14	24
Nevada.....	2	73.1	2	5	2	3	2	5
Pacific.....	172	86.2	142	248	176	242	150	315
Washington.....	44	85.5	37	60	46	61	43	78
Oregon.....	36	84.4	30	49	37	47	35	71
California.....	88	88.4	71	131	87	127	71	161
Alaska.....	(2)	62.0	(2)	1	(2)	(2)	(2)	1
Hawaii.....	4	70.2	3	8	4	6	2	4

<sup>1</sup> Excludes Alaska and Hawaii.

<sup>2</sup> Less than 500.

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Agriculture: 1959*, Vol. II.



## No. 885. FARM MACHINERY AND EQUIPMENT: 1940 TO 1961

[Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series K 150-158]

ITEM	1940	1950	1955	1957	1958	1959	1960	1961 (prel.)
Value of farm implements and machinery <sup>1</sup> mil. dol.	3,060	11,314	16,164	17,077	17,039	18,457	18,574	18,094
Number on farms, Jan. 1:								
Tractors <sup>2</sup> .....1,000.....	1,567	3,394	4,345	4,600	4,685	4,760	4,770	4,780
Motor trucks.....do.....	1,047	2,207	2,701	2,900	2,985	3,000	3,110	( <sup>3</sup> )
Automobiles.....do.....	4,144	4,199	4,258	4,260	4,260	4,260	4,260	( <sup>3</sup> )
Grain combines.....do.....	190	714	980	1,020	1,040	1,060	1,065	1,070
Corn pickers.....do.....	110	456	688	725	745	760	780	805
Pickup balers.....do.....	.....	196	448	550	580	620	650	710
Field forage harvesters.....do.....	.....	81	202	240	253	270	285	305
Farms with milking machines.....do.....	175	636	712	720	725	728	730	( <sup>3</sup> )
Farmers' expenditures:								
Motor vehicles <sup>4</sup> .....mil. dol.	384	1,735	1,492	1,402	1,620	1,655	1,361	1,468
Machinery and equipment.....do.....	241	1,279	1,099	976	1,328	1,348	1,178	1,161

<sup>1</sup> Date represent inventory valuations at beginning of year. Includes family share of automobiles.<sup>2</sup> Excludes garden tractors. <sup>3</sup> Not available. <sup>4</sup> Excludes family share of automobiles.

Source: Department of Agriculture, Economic Research Service.

## No. 886. FARM TAXES AND INSURANCE: 1940 TO 1960

[Excludes Alaska and Hawaii, except as noted. See also *Historical Statistics, Colonial Times to 1957*, series K 110-121]

ITEM	1940	1950	1955	1957	1958	1959	1960 (prel.)
Taxes levied on farm real estate.....mil. dol.	401	741	928	1,044	1,103	1,187	1,128
Amount per acre.....do.....	0.39	0.69	0.87	0.97	1.03	1.11	1.20
Amount per \$100 of value.....do.....	1.18	0.86	0.92	0.91	0.89	0.93	0.99
Taxes levied on farm personal property.....mil. dol.	50	178	220	233	240	249	2.69
State automotive taxes paid by farmers:							
Motor vehicle licenses and permits.....do.....	68	120	157	167	171	172	173
Motor fuel taxes <sup>2</sup> .....do.....	79	139	192	198	190	232	243
FARMERS' MUTUAL FIRE INSURANCE <sup>3</sup>							
Number of companies <sup>4</sup> .....	1,898	1,777	1,651	1,634	1,635	1,608	---
Insurance in force at end of year.....mil. dol.	12,294	24,161	28,223	20,164	30,733	32,516	34,141
Cost per \$100 of insurance.....cents.....	25.2	23.0	23.4	22.6	23.8	25.8	24.7
Losses.....do.....	17.1	14.6	15.9	14.7	15.5	17.3	17.3
Expenses.....do.....	8.1	8.4	7.5	7.9	8.3	8.5	7.4
Surplus and reserves, end of year <sup>5</sup> .....mil. dol.	45	122	161	175	191	201	191

<sup>1</sup> Includes Alaska and Hawaii. <sup>2</sup> Beginning 1950, includes taxes on gasoline used in farm tractors.<sup>3</sup> Includes companies with more than 50 percent of their insurance on farm property. About 85 percent of their total insurance is on farm property.<sup>4</sup> Number of companies for which data were obtained; perhaps not entirely complete for any year.<sup>5</sup> Excess of assets over liabilities. Most of farmers' mutuals are assessment companies and as such are not required to set up unearned premium reserves.Source: Department of Agriculture, Economic Research Service; *Agricultural Finance Review*.

## No. 887. FARMER COOPERATIVES—NUMBER, MEMBERSHIPS, AND BUSINESS: 1940 TO 1960

[For years ending June 30, with limited exceptions. Beginning 1951, includes Alaska and Hawaii. Comprises independent local associations, federations, large-scale centralized associations, and sales agencies. Data are for marketing season during which farm products are moved into channels of trade. Marketing seasons overlap. See also *Historical Statistics, Colonial Times to 1957*, series K 181-189]

YEAR	COOPERATIVES LISTED			ESTIMATED MEMBER-SHIPS (1,000) <sup>2</sup>			ESTIMATED BUSINESS (\$1,000) <sup>3</sup>		
	Total	Marketing <sup>1</sup>	Farm supply	Total	Marketing <sup>1</sup>	Farm supply	Total	Marketing <sup>1</sup>	Farm supply
1940.....	10,700	8,051	2,649	3,200	2,300	900	2,087,000	1,729,000	358,000
1945.....	10,150	7,400	2,750	4,595	2,895	1,610	5,845,000	4,835,000	810,000
1950.....	10,035	6,922	3,113	6,584	4,075	2,509	8,726,000	7,082,000	1,643,400
1951.....	10,064	6,781	3,283	7,091	4,212	2,879	8,147,137	6,461,724	1,685,413
1952.....	10,170	6,855	3,324	7,394	4,331	3,033	9,409,887	7,491,164	1,918,723
1953.....	10,128	6,780	3,378	7,475	4,336	3,139	9,521,313	7,507,545	2,013,768
1954.....	10,072	6,098	3,740	7,608	4,355	3,253	9,474,640	7,496,588	1,978,052
1955.....	9,903	6,557	3,346	7,604	4,281	3,323	9,641,882	7,620,265	2,021,617
1956.....	9,894	6,519	3,375	7,732	4,288	3,444	9,750,125	7,710,039	2,040,086
1957.....	9,891	6,518	3,373	7,973	4,184	3,489	10,379,455	8,233,516	2,145,939
1958.....	9,735	6,352	3,383	7,489	3,943	3,543	10,717,545	8,530,055	2,187,490
1959.....	9,658	6,271	3,387	7,559	3,915	3,644	11,714,139	9,343,078	2,371,061
1960 (prel.).....	9,345	6,048	3,297	7,273	3,673	3,600	12,009,266	9,592,109	2,408,157

<sup>1</sup> Includes service associations.<sup>2</sup> Comprises members (those entitled to vote for directors) but excludes nonvoting patrons.<sup>3</sup> Comprises value of commodities sold or purchased for patrons and charges for rendering other essential services in marketing or purchasing. Beginning 1951, net figures; adjusted for duplication resulting from transactions between cooperatives. Earlier figures included some duplication.Source: Department of Agriculture, Farmer Cooperative Service; annual report, *Statistics of Farmer Cooperatives*.

## No. 888. FARMER COOPERATIVES—ESTIMATED BUSINESS, BY COMMODITY: 1960

[Includes Alaska and Hawaii. Preliminary. See headnote, table 887]

COMMODITY	Number of co-ops. handling	Gross business (\$1,000)	Net business (\$1,000) <sup>1</sup>	COMMODITY	Number of co-ops. handling	Gross business (\$1,000)	Net business (\$1,000) <sup>1</sup>
<b>Total</b> .....	<b>2 9,345</b>	<b>15,610,573</b>	<b>12,000,266</b>	<b>Farm supply</b> .....	<b>2 7,162</b>	<b>3,659,969</b>	<b>2,408,157</b>
<b>Marketing</b> .....	<b>2 6,643</b>	<b>11,652,427</b>	<b>9,293,932</b>	Building materials.....	1,699	138,814	91,114
Dry beans and peas.....	63	41,598	28,849	Containers.....	1,088	59,970	27,725
Cotton and products.....	562	668,747	607,300	Farm machinery and equipment.....	1,898	110,081	76,472
Dairy products.....	1,669	3,679,523	3,055,521	Feed.....	4,489	1,198,690	885,024
Fruits and vegetables.....	723	1,285,441	905,820	Fertilizer.....	4,338	583,628	334,404
Grain, soybeans, soybean meal and oil.....	2,649	2,944,798	1,929,114	Meats and groceries.....	905	63,767	52,753
Livestock and products.....	549	1,613,026	1,471,069	Petroleum products.....	2,803	965,184	590,180
Nuts.....	122	136,854	114,533	Seed.....	3,961	141,446	101,635
Poultry products.....	613	464,730	390,488	Sprays and dusts (farm chemicals).....	2,906	78,639	53,202
Rice.....	59	167,680	145,018	Other supplies.....	4,650	319,760	188,748
Sugar products.....	67	336,952	336,952	<b>Services (trucking, cotton ginning, storage, grinding, locker plants, misc.)</b> .....	<b>2 5,564</b>	<b>2 298,177</b>	<b>2 298,177</b>
Tobacco.....	32	241,287	241,287				
Wool and mohair.....	282	23,291	22,527				
Miscellaneous.....	215	48,500	45,355				

<sup>1</sup> Represents value at the first place at which cooperatives transact business for farmers. Adjusted for duplication resulting from intercooperative business.<sup>2</sup> Because many associations are engaged in more than one type of business, these totals are less than the number that would be obtained by adding the number of associations handling individual items or performing individual services. <sup>3</sup> Charges for services in which no duplication occurs.Source: Department of Agriculture, Farmer Cooperative Service; annual report, *Statistics of Farmer Cooperatives*.

## No. 889. FARMER COOPERATIVES—NUMBER, MEMBERSHIPS, AND BUSINESS, BY STATES: 1960

[Preliminary. See headnote, table 887]

STATE	Cooperatives listed	Estimated membership <sup>1</sup>	Estimated business <sup>2</sup> (\$1,000)	STATE	Cooperatives listed	Estimated membership <sup>1</sup>	Estimated business <sup>2</sup> (\$1,000)
<b>United States</b> .....	<b>9,345</b>	<b>7,273,455</b>	<b>12,000,266</b>	<b>South Atlantic—Con.</b>			
<b>New England</b> .....	<b>119</b>	<b>83,355</b>	<b>271,084</b>	West Virginia.....	77	74,360	42,630
Maine.....	19	20,625	41,104	North Carolina.....	116	302,875	169,970
New Hampshire.....	9	7,110	22,819	South Carolina.....	35	65,473	40,841
Vermont.....	28	18,445	87,243	Georgia.....	75	184,325	126,545
Massachusetts.....	36	22,610	65,584	Florida.....	107	39,495	267,173
Rhode Island.....	2	2,870	8,876	<b>East South Central</b> .....	<b>428</b>	<b>576,240</b>	<b>535,767</b>
Connecticut.....	25	11,895	45,758	Kentucky.....	97	211,945	188,685
<b>Middle Atlantic</b> .....	<b>655</b>	<b>350,230</b>	<b>1,027,750</b>	Tennessee.....	141	139,690	89,016
New York.....	402	148,415	565,305	Alabama.....	48	90,965	67,264
New Jersey.....	69	31,695	100,716	Mississippi.....	142	133,640	190,202
Pennsylvania.....	184	170,120	355,729	<b>West South Central</b> .....	<b>849</b>	<b>463,575</b>	<b>990,831</b>
<b>East North Central</b> .....	<b>1,786</b>	<b>1,856,595</b>	<b>2,635,990</b>	Arkansas.....	112	87,105	136,352
Ohio.....	272	375,795	506,282	Louisiana.....	54	24,960	61,286
Indiana.....	139	421,705	401,825	Oklahoma.....	172	173,200	232,000
Illinois.....	459	464,140	668,686	Texas.....	611	178,310	560,290
Michigan.....	209	184,650	358,417	<b>Mountain</b> .....	<b>533</b>	<b>317,755</b>	<b>650,148</b>
Wisconsin.....	707	300,305	400,580	Montana.....	177	74,185	131,338
<b>West North Central</b> .....	<b>3,587</b>	<b>2,303,090</b>	<b>3,039,305</b>	Idaho.....	97	59,385	106,707
Minnesota.....	1,189	584,540	841,846	Wyoming.....	23	10,885	22,098
Iowa.....	630	430,655	684,896	Colorado.....	113	63,670	175,359
Missouri.....	223	401,070	303,350	New Mexico.....	35	12,170	53,134
North Dakota.....	507	251,070	323,062	Arizona.....	14	67,435	62,779
South Dakota.....	299	186,225	183,357	Utah.....	70	29,760	95,736
Nebraska.....	387	256,120	324,194	Nevada.....	4	265	2,997
Kansas.....	346	193,410	379,100	<b>Pacific</b> .....	<b>745</b>	<b>315,445</b>	<b>1,869,218</b>
<b>South Atlantic</b> .....	<b>643</b>	<b>1,007,170</b>	<b>980,173</b>	Washington.....	185	111,115	347,649
Delaware.....	17	27,455	31,687	Oregon.....	114	70,645	215,438
Maryland.....	61	95,475	98,063	California.....	425	132,070	1,290,109
Virginia.....	165	247,710	193,064	Alaska.....	2	90	7,415
				Hawaii.....	19	1,525	8,607

<sup>1</sup> See footnote 2, table 887. <sup>2</sup> See footnote 3, table 887.Source: Department of Agriculture, Farmer Cooperative Service; annual report, *Statistics of Farmer Cooperatives*.

## Section 24

### Agriculture—Production, Marketing, and Trade

This section presents statistics concerning farm output and marketings, trade in agricultural products, and data relative to specific crops, livestock, poultry, and livestock and poultry products.

The principal sources of these data are reports of the decennial and quinquennial Censuses of Agriculture conducted by the Bureau of the Census and three annual reports, *Crop Production*, *Crop Values*, and *Agricultural Statistics*, issued by the Statistical Reporting Service, Department of Agriculture. Other important sources include *Current Industrial Reports* and *Cotton Production and Distribution*, issued by the Bureau of the Census; *Cotton and Cottonseed Production* and annual livestock summaries, issued by the Statistical Reporting Service; and various *Situation* reports, issued by the Economic Research Service, Department of Agriculture. Sources of current data on agricultural exports and imports include *Foreign Agricultural Trade*, also published by the Economic Research Service, and *Quarterly Summary of Foreign Commerce of the United States*, issued by the Bureau of the Census. Historical data are available in *Foreign Commerce and Navigation of the United States*, issued annually through 1946 by the Bureau of the Census. Statistics on other aspects of agriculture may be found in Section 23, Agriculture—Farms, Land, and Finances.

**Crop reporting.**—Annual agricultural statistics of a wide variety have been issued by the Department of Agriculture for 99 years. Its 43 field offices design the samples and collect data from voluntary reporters. State estimates and other information are sent to the Crop Reporting Board of the Statistical Reporting Service where, after review, reports are issued containing State, regional, and United States data.

Statistics compiled by the Statistical Reporting Service on crops, livestock and livestock products, agricultural prices, farm employment, and other related subjects are based mainly on data obtained through mail questionnaires. The basic information is obtained from nearly three-fourths of a million reporters, mostly farmers, who report for their own and nearby farms on some 80 crops and scores of other items pertaining to agricultural production and farm family living. The most extensive of the current survey data are gathered by the Statistical Reporting Service from questionnaires handled in cooperation with the Post Office Department through its rural mail carriers. These surveys obtain livestock data in June and December and crop acreage data in October.

In the data prepared by the Statistical Reporting Service, estimates of crop acreage and production for the census years are set up currently from available information. Later, if necessary, these data are revised to a level based largely on the Census enumerations. The estimates for intercensal years are based on sample data obtained each year from individual reporters. This information is supplemented by other data, such as State assessors' enumerations of agricultural information, crop meter frontage measurements, reports of carlot shipments, warehouse receipts, local surveys, personal observations by field statisticians, and reports from other sources having a knowledge of farming, agricultural production, and processing. Cotton acreage and production are also based on sample data and, in large measure, on ginning information gathered by the Bureau of the Census.

**Livestock.**—Each Census of Agriculture from 1840 through 1900 was taken as of June 1. The six decennial censuses since then have been taken as of April 15, 1910; January 1, 1920; April 1, 1930, 1940, and 1950; and October 1959.

The 1925, 1935, and 1945 quinquennial Censuses of Agriculture were taken as of January 1; the 1954 and 1959 Censuses were taken in the fall of the year. Comparison of inventory numbers of livestock from census to census is seriously affected by changes in the date of enumeration. From January to April, and from October and November to January, there are material changes in numbers on hand in most parts of the country, due to births, marketings, farm slaughter, etc. In an effort to obtain as much comparability as possible, the censuses taken in April either excluded recently born animals from the enumeration or provided for their enumeration in a separate age group. Volume II of *U.S. Census of Agriculture: 1959* shows a complete history of the enumeration of livestock and presents a discussion of the comparability from census to census. For most kinds of domestic livestock, there are comparatively short cyclic fluctuations in numbers, even though the trend over a long period of time may be definitely in one direction.

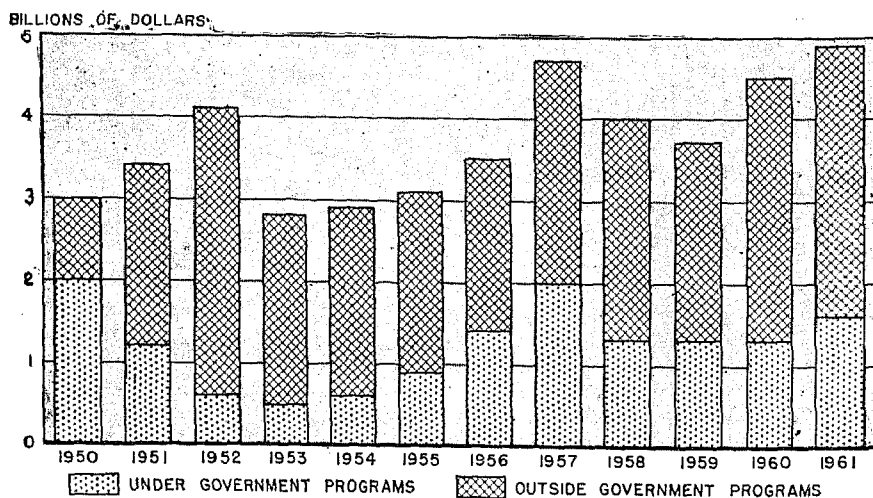
Annual inventory numbers of livestock on farms, together with estimates of livestock, dairy, and poultry production prepared by the Department of Agriculture, are based on information furnished by individual farmers, supplemented by State assessors' data in a number of States, and by such records as brand inspections, rail and truck shipments, and slaughter. The level for these inventories is based in large part on interpretations of Census enumerations for years when such data are available.

**Alaska and Hawaii.**—For a general statement concerning the treatment of data for Alaska and Hawaii, see preface. "Conterminous area" refers to the United States excluding Alaska, Hawaii, and outlying areas.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics, Colonial Times to 1957*, series K 190-194") provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

Fig. XXXVIII. AGRICULTURAL EXPORTS UNDER AND OUTSIDE GOVERNMENT PROGRAMS: 1950 TO 1961

[See table 901]



Source: Chart prepared by Department of Commerce, Bureau of the Census. Data from Department of Agriculture, Economic Research Service.

## No. 890. FARM OUTPUT INDEXES AND ACREAGE OF 59 CROPS: 1930 TO 1961

Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series K 190-194 and K 254-264]

ITEM	1930	1940	1950	1955	1957	1958	1959	1960	1961
<b>FARM OUTPUT AND GROSS PRODUCTION OF LIVESTOCK AND CROPS (1947-49=100)</b>									
Farm output <sup>1</sup> .....	72	82	101	113	114	124	126	128	128
All livestock and products <sup>2</sup> .....	78	87	107	120	121	124	128	126	132
Meat animals.....	78	80	100	127	119	124	134	125	130
Dairy products.....	84	92	101	108	111	111	111	110	112
Poultry and eggs.....	65	70	111	123	137	145	150	151	164
All crops <sup>3</sup> .....	70	85	97	105	106	118	117	121	119
Feed grains.....	73	85	104	112	122	135	140	143	130
Hay and forage.....	75	105	106	115	122	122	115	119	117
Food grains.....	72	67	83	80	79	117	93	111	102
Vegetables.....	79	88	102	102	104	108	106	108	114
Fruits and nuts.....	75	93	101	102	103	109	111	108	119
Sugar crops.....	58	109	117	107	124	122	134	130	145
Cotton.....	98	88	70	103	77	50	102	100	101
Tobacco.....	81	72	101	100	83	86	89	96	100
Oil crops.....	23	53	115	128	147	190	158	170	200
Feed used by farm horses and mules <sup>4</sup> .....	258	196	77	37	30	27	24	23	23
<b>AGGREGATE ACREAGE, 59 CROPS</b>									
Planted or grown.....1,000 acres.....	339,550	348,050	353,246	354,384	333,718	330,054	322,674	316,248	295,062
Harvested.....do.....	359,896	331,731	336,437	332,880	318,676	320,753	322,505	320,668	295,000

<sup>1</sup> Measures annual volume of farm production available for eventual human use.<sup>2</sup> Measures gross production of meat animals, dairy products, poultry and eggs, and some miscellaneous livestock products not shown separately, excluding horses and mules. Livestock production is made up of three components: Constant-dollar value of pasture consumed, other feed consumed, and product-added in converting feed and pasture into livestock and products for human use. In combining production of livestock and crops into total farm output, value of feed other than pasture consumed and hatching eggs are excluded to avoid double counting of feed crops in both livestock and crop production and to avoid double counting of hatching eggs as part of poultry meat production as well as egg production.<sup>3</sup> Total constant dollar value of all crop production regardless of its final disposition. Includes production of hay seeds, pasture seeds, and cover-crop seeds and some miscellaneous crop production not shown.<sup>4</sup> Hay and concentrates only. Constant dollar value fed to horses and mules is subtracted when combining livestock and crops into total farm output.Source: Department of Agriculture, Statistical Reporting Service; annual report, *Agricultural Statistics*.

## No. 891. LAND AND LIVESTOCK PRODUCTIVITY INDEXES: 1930 TO 1960

[1947-49=100. Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series K 102-103]

YEAR	Oropland used <sup>1</sup>	Crop production per acre	Animal units of breeding livestock <sup>2</sup>	Production per animal unit <sup>2</sup>	YEAR	Oropland used <sup>1</sup>	Crop production per acre	Animal units of breeding livestock <sup>2</sup>	Production per animal unit <sup>2</sup>
1930.....	101	75	92	85	1955.....	99	106	106	113
1940.....	97	88	95	92	1956.....	97	109	104	117
1949.....	100	97	102	105	1957.....	95	112	102	119
1951.....	101	98	103	100	1958.....	91	126	100	124
1952.....	100	104	102	110	1959.....	95	123	100	125
1963.....	100	103	100	114	1960 (prel.).....	93	130	97	130
1964.....	100	101	101	112					

<sup>1</sup> Based on sum of the acreage from which one or more crops were harvested plus acreages of crop failure and summer fallow.<sup>2</sup> Excludes horses and mules.Source: Department of Agriculture, Statistical Reporting Service; annual report, *Agricultural Statistics*.

# No. 892. INDEXES OF VOLUME OF FARM MARKETINGS AND HOME CONSUMPTION: 1930 TO 1961

[1947-49=100. Excludes Alaska and Hawaii]

ITEM	1930	1940	1950	1955	1957	1958	1959	1960	1961 (prel.)
Total.....	72	80	100	112	112	119	124	127	128
Livestock and livestock products.....	75	84	102	116	121	120	126	126	130
Meat animals.....	72	85	100	119	120	117	125	126	128
Poultry and eggs.....	95	71	112	123	137	145	151	150	163
Dairy products.....	84	92	101	107	111	110	109	110	112
Crops.....	60	75	96	107	100	118	121	127	125
Food grains.....	67	86	81	81	78	109	103	117	110
Feed crops.....	58	75	114	137	137	181	174	195	186
Cotton (lint and seed).....	97	82	79	101	72	87	107	100	96
Tobacco.....	76	70	98	110	82	82	85	90	92
Oil crops <sup>1</sup> .....	21	45	114	145	153	179	176	188	202
Vegetables <sup>2</sup> .....	79	92	98	97	100	100	102	102	104
Fruits and nuts <sup>3</sup> .....	75	91	97	103	103	103	109	105	106
Sugar crops.....	92	111	116	107	122	120	130	128	143
Seeds.....	63	87	143	124	129	121	120	125	112

<sup>1</sup> Includes peanuts; excludes cottonseed.<sup>2</sup> Includes dry edible beans, dry field peas, mung beans, potatoes, and sweetpotatoes.<sup>3</sup> Excludes peanuts.Source: Department of Agriculture, Statistical Reporting Service; annual report, *Agricultural Statistics*, and records.

# No. 893. MAN-HOURS REQUIRED AND INDEX OF FARM LABOR PRODUCTIVITY: 1930 TO 1961

[Man-hours in millions; index, 1947-49=100. Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1967*, series W 49-50]

ITEM	1930	1940	1950	1955	1957	1958	1959	1960 (prel.)	1961 (prel.)
Man-hours of labor required on farms <sup>1</sup> .....	22,921	20,467	15,137	12,751	11,379	11,103	10,789	10,310	10,136
All livestock.....	7,167	7,023	5,945	5,301	5,052	4,932	4,674	4,494	4,480
All crops.....	12,286	10,374	6,922	5,799	4,847	4,727	4,716	4,479	4,338
Farm maintenance.....	3,438	3,070	2,270	1,651	1,480	1,444	1,399	1,337	1,318
Index of farm output per man-hour <sup>2</sup> .....	53	67	112	149	168	188	195	206	210
All livestock and products.....	70	80	107	130	138	144	156	160	167
Meat animals.....	91	94	103	111	108	112	115	114	119
Milk cows.....	73	75	105	124	134	139	154	160	165
Poultry.....	72	79	109	100	188	207	220	236	243
All crops.....	50	67	114	148	180	203	202	220	225
Feed grains.....	41	56	122	170	218	250	264	298	333
Hay and forage.....	67	62	110	139	147	163	169	175	180
Food grains.....	48	59	115	143	176	234	198	241	222
Vegetables.....	63	75	107	136	155	161	174	180	187
Fruits and nuts.....	65	86	107	126	127	136	139	142	147
Sugar crops.....	71	84	122	178	225	230	253	236	238
Cotton.....	49	70	102	161	179	200	217	238	240
Tobacco.....	79	89	105	151	154	162	159	166	169
Oil crops.....	41	64	144	191	223	254	251	274	290

<sup>1</sup> Man-equivalent hours, that is, time used by average adult males in performing farm operations.<sup>2</sup> Index of farm output (production available for human use) divided by index of man-hours worked.Source: Department of Agriculture, Economic Research Service, annual report, *Changes in Farm Production and Efficiency*; and Statistical Reporting Service, annual report, *Agricultural Statistics*.

# No. 894. SUPPLY AND UTILIZATION OF FARM FOOD COMMODITIES—PERCENT DISTRIBUTION: 1930 TO 1961

[Excludes Alaska, Hawaii, and Puerto Rico except for exports and imports. Covers farm commodities normally used for food in the United States (conterminous area), including their nonfood use. See also *Historical Statistics, Colonial Times to 1957*, series K 104-115]

ITEM	1930	1940	1950	1955	1957	1958	1959	1960 (prel.)	1961 (prel.)
<b>SUPPLY</b>									
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Production.....	92.3	95.3	94.6	95.7	94.9	98.7	94.5	96.1	93.1
Imports and shipments.....	7.3	7.2	7.0	6.5	6.5	6.7	7.3	6.8	7.1
Net change in available stocks <sup>1</sup> .....	0.4	-2.5	-1.6	-2.2	-1.4	-5.4	-1.8	-2.9	-0.2
<b>UTILIZATION</b>									
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Domestic use.....	96.9	98.3	95.4	93.5	91.7	92.5	91.7	90.9	90.4
Food:									
Civilian.....	65.4	67.5	65.2	66.9	66.2	65.2	64.8	64.1	63.5
Military <sup>2</sup> .....	(3)	(3)	1.4	1.4	1.2	1.2	1.1	1.0	1.1
Nonfood <sup>3</sup> .....	31.5	30.8	28.8	25.2	24.3	26.1	25.8	25.8	25.8
Commercial exports, and shipments to outlying areas <sup>4</sup> .....	3.1	1.7	3.2	5.7	7.6	6.7	7.7	8.7	8.8
USDA export program:									
Stock change <sup>5</sup> .....	(3)	(3)	-0.1	(7)	(7)	(7)	(7)	-----	-----
Deliveries <sup>6</sup> .....	(3)	(3)	1.5	0.8	0.7	0.8	0.6	0.4	0.8
Net purchases <sup>7</sup> .....	(3)	(3)	1.4	0.8	0.7	0.8	0.6	0.4	0.8

<sup>1</sup> Includes farm and commercial stocks and holdings under price support and domestic supply programs. Minus sign (—) means an addition to stocks.

<sup>2</sup> Includes civilian feeding in areas occupied by our Armed Forces.

<sup>3</sup> Not available. <sup>4</sup> Includes seed, feed, industrial alcohol, alcoholic beverages, etc.

<sup>5</sup> Excludes deliveries by the Department of Agriculture.

<sup>6</sup> Stocks held for export. Minus sign means a withdrawal from stocks.

<sup>7</sup> Less than 0.05 percent. <sup>8</sup> Shipments out of this country.

<sup>9</sup> Represents net quantities withdrawn from domestic commercial channels.

Source: Department of Agriculture, Economic Research Service; *The National Food Situation*.

## No. 895. AGRICULTURAL EXPORTS AND IMPORTS—VALUE: 1932 TO 1961

[In millions of dollars. For years ending June 30. Includes Alaska, Hawaii, and Puerto Rico. Excludes forest products and distilled liquors; includes crude rubber and similar gums (now mainly plantation products)]

YEARLY AVERAGE OR YEAR	AGRICULTURAL EXPORTS			AGRICULTURAL IMPORTS <sup>3</sup>				Excess of domestic agricultural exports over supplementary imports
	Domestic Products <sup>1</sup>		Foreign products (re- exports)	Total	Supple- mentary imports <sup>4</sup>	Comple- mentary imports <sup>4</sup>	Percent of all imports	
	Total	Percent of all exports <sup>2</sup>						
1932-1936.....	713	36	20	872	443	429	51	270
1937-1941.....	679	29	32	1,281	629	652	51	50
1942-1946.....	1,976	19	92	1,645	1,024	621	46	982
1947-1951.....	3,469	28	79	3,378	1,641	1,737	46	1,828
1952-1956.....	3,280	21	66	4,209	1,734	2,475	39	1,556
1955.....	3,144	21	70	3,781	1,500	2,272	36	1,635
1956.....	3,406	21	65	4,086	1,583	2,503	34	1,913
1957.....	4,728	23	66	3,800	1,531	2,269	30	3,197
1958.....	4,003	21	76	3,929	1,824	2,105	31	2,179
1959.....	3,719	21	83	4,004	2,029	1,975	29	1,690
1960.....	4,517	24	73	4,010	1,979	2,031	26	2,538
1961 (prel.).....	4,946	24	67	3,641	1,810	1,831	26	3,130

<sup>1</sup> Beginning Jan. 1, 1942, includes food exported for relief or charity; beginning Jan. 1, 1947, also includes exports under Army Civilian Supply Program. <sup>2</sup> Based on total exports of domestic merchandise.

<sup>3</sup> Prior to 1934, general imports; thereafter imports for consumption.

<sup>4</sup> Supplementary imports consist of all imports similar to agricultural commodities produced commercially in the United States, together with all other agricultural imports interchangeable to any significant extent with such United States commodities. Complementary imports comprise all others, about 95 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, and spices.

Source: Department of Agriculture, Statistical Reporting Service; annual report, *Agricultural Statistics*.

## No. 896. VALUE OF PRINCIPAL AGRICULTURAL EXPORTS: 1931 TO 1961

[In millions of dollars. Includes Alaska, Hawaii, and Puerto Rico. Excludes reexports of foreign products. Includes shipments under foreign aid programs such as UNRRA, interim aid, European recovery and mutual security; civilian supply shipments are included in 1948 and subsequent years]

ITEM	1931- 1935, avg.	1936- 1940, avg.	1941- 1945, avg.	1946- 1950, avg.	1951- 1955, avg.	1956- 1960, avg.	1959	1960	1961
<b>Agricultural exports.....</b>	<b>731.7</b>	<b>701.2</b>	<b>1,654.4</b>	<b>3,222.5</b>	<b>3,314.1</b>	<b>4,263.5</b>	<b>3,955.3</b>	<b>4,831.8</b>	<b>5,029.8</b>
Live animals.....	1.5	1.8	3.5	12.2	13.8	21.9	20.7	24.7	24.5
Meats and meat products.....	23.7	21.3	373.2	114.4	58.9	104.3	105.6	125.3	148.0
Eggs and dairy products.....	6.9	8.0	376.6	269.6	117.1	120.9	115.2	105.2	106.5
Animal fats and oils.....	37.0	18.2	109.2	108.5	172.3	181.8	170.2	175.7	181.2
Hides and skins.....	3.2	4.5	1.1	15.7	36.9	64.3	62.8	76.4	83.2
Bread grains and preparations.....	40.4	58.6	112.6	896.4	699.5	821.2	733.5	984.9	1,249.2
Coarse grains and preparations, except rice <sup>1</sup> .....	9.3	38.8	30.5	224.9	324.1	478.0	584.5	540.8	537.9
Rice.....	4.7	6.9	30.2	82.9	118.9	117.4	102.0	129.6	106.2
Fodders and feeds <sup>2</sup> .....	9.3	9.5	3.9	19.0	35.7	64.6	81.9	74.6	80.5
Vegetables and preparations.....	8.0	13.2	59.0	73.2	82.7	115.4	128.6	123.4	104.0
Fruits and preparations.....	83.2	74.0	83.8	127.8	150.8	244.8	240.1	248.7	271.8
Vegetable oils, fats and waxes, oilseeds, nuts and nut prepara- tions <sup>3</sup> .....	6.5	11.3	40.1	145.2	253.7	498.5	545.4	584.0	544.0
Coffee and cocoa, coffee and tea substitutes.....	1.9	2.2	1.2	7.2	7.3	16.8	17.3	18.3	23.3
Sugar and related products.....	4.8	8.1	26.8	26.6	15.6	12.5	10.1	8.4	6.4
Seeds, except oilseeds.....	1.9	2.5	13.0	15.0	10.6	17.0	15.9	19.1	18.3
Tobacco.....	103.7	108.8	137.7	267.9	314.6	354.5	346.2	379.3	390.8
Cotton, unmanufactured.....	365.5	282.9	151.7	674.2	701.2	777.7	451.9	987.6	884.2
Wool and hair.....	1.5	2.1	6.8	9.7	5.8	10.0	22.8	17.4	17.8
All other.....	17.6	27.1	87.5	132.1	136.6	223.8	188.6	208.6	249.0

<sup>1</sup> Prior to 1955, excludes coarse grain ready-to-eat breakfast cereal foods (except corn).

<sup>2</sup> Beginning 1958, includes only fodders and feeds of vegetable origin.

<sup>3</sup> Prior to 1955, excludes crude natural essential oils and crude waxes.

Source: Department of Commerce, Bureau of the Census; prior to 1947, *Foreign Commerce and Navigation of the United States*; thereafter, *Quarterly Summary of Foreign Commerce of the United States*, and records.

## No. 897. VALUE OF PRINCIPAL AGRICULTURAL IMPORTS: 1931 TO 1961

[In millions of dollars. Includes Alaska, Hawaii, and Puerto Rico. General imports through 1932, imports for consumption thereafter. Excludes distilled liquors and candy]

ITEM	1931- 1935, avg.	1936- 1940, avg.	1941- 1945, avg.	1946- 1950, avg.	1951- 1955, avg.	1956- 1960, avg.	1959	1960	1961
<b>Agricultural imports.....</b>	<b>(1)</b>	<b>1,249.1</b>	<b>1,596.7</b>	<b>3,016.6</b>	<b>4,367.5</b>	<b>3,945.9</b>	<b>4,098.8</b>	<b>3,823.7</b>	<b>3,695.3</b>
Animals and products, edible.....	16.1	45.7	52.4	116.0	201.5	353.8	480.9	392.9	486.2
Dairy products and eggs.....	14.2	14.2	5.8	17.2	31.4	30.0	31.9	33.2	37.4
Hides and skins, except reptile.....	38.6	50.1	66.2	88.9	70.8	62.7	84.4	67.6	61.3
Animal fats, inedible.....	3.5	1.1	2.7	.4	.9	.7	.7	.0	.4
Grains and preparations.....	28.2	44.3	112.3	42.8	124.1	68.4	55.7	54.5	59.4
Fodders and feeds.....	6.7	11.3	16.4	23.1	43.8	22.2	21.4	16.2	15.9
Vegetables, fruits, nuts.....	66.3	79.3	93.0	203.9	231.4	279.7	298.3	300.9	299.3
Vegetable oils (expressed) and oilseeds.....	71.7	112.9	84.4	203.5	159.3	151.6	174.8	161.1	145.5
Cocoa, coffee, tea, spices.....	188.4	204.1	347.5	956.5	1,732.2	1,489.4	1,386.2	1,290.5	1,251.9
Sugar and related products.....	122.0	152.1	207.6	363.0	459.9	530.0	538.1	555.4	491.9
Beverages, excluding spirits.....	6.1	11.4	14.0	20.5	31.9	53.2	57.3	63.6	69.8
Crude rubber.....	74.6	206.3	151.8	312.3	492.6	339.9	382.6	321.7	216.6
Tobacco, unmanufactured.....	27.1	34.3	80.6	80.8	83.1	103.6	111.5	115.3	114.2
Cotton, unmanufactured.....	7.4	11.4	20.2	41.2	39.0	33.2	23.6	27.2	35.2
Wool and mohair, unmanufac- tured.....	18.7	61.3	247.9	291.2	374.9	207.8	224.3	196.9	197.7
Raw silk.....	115.1	108.7	12.6	32.0	28.7	24.9	24.7	27.2	27.1
Vegetable fibers, except cotton and silk.....	17.8	29.4	42.6	80.8	96.1	50.5	53.8	43.7	42.6
All other.....	(2)	71.2	68.7	142.6	165.7	144.4	148.7	140.1	144.0

<sup>1</sup> Not available on calendar year basis prior to 1934. <sup>2</sup> Not available.

Source: Department of Commerce, Bureau of the Census; prior to 1947, *Foreign Commerce and Navigation of the United States*; thereafter, *Quarterly Summary of Foreign Commerce of the United States*, and records.



## No. 898. AGRICULTURAL PRODUCTS IMPORTED—INDEXES OF QUANTITY: 1945 TO 1961

[Calendar years 1952-54=100. For years ending June 30. Includes Alaska, Hawaii, and Puerto Rico]

COMMODITY	1945	1950	1955	1957	1958	1959	1960	1961
<b>Total</b> <sup>1</sup> .....	79	101	87	94	100	105	107	103
Complementary <sup>2</sup> .....	60	103	86	99	97	102	107	165
Supplementary <sup>2</sup> .....	105	98	88	87	104	110	108	100
Animals and animal products.....	(3)	110	86	76	103	131	109	102
Dairy products.....	9	73	93	98	98	113	115	131
Hides and skins.....	130	138	87	85	82	119	102	78
Meat and meat products.....	(3)	52	98	94	139	196	163	158
Wool, excluding free in bond.....	179	136	68	48	41	58	53	47
Grains and feeds.....	136	63	51	53	58	39	36	32
Vegetable oils and oilseeds.....	96	121	105	97	101	90	104	103
Sugar, molasses, and sirups.....	97	88	93	103	114	113	122	104
Tobacco, unmanufactured.....	81	86	103	110	113	88	138	143

<sup>1</sup> Based on 251 classifications. <sup>2</sup> See footnote 4, table 895. <sup>3</sup> Not available.<sup>4</sup> Includes wool (ordinarily dutiable) imported free as an act of international courtesy. <sup>5</sup> Sugar only.Source: Department of Agriculture, Economic Research Service, compiled from official records of Bureau of the Census. Published currently in *Foreign Agricultural Trade*.

## No. 899. AGRICULTURAL PRODUCTS EXPORTED—INDEXES OF QUANTITY: 1945 TO 1961

[Calendar years 1952-54=100. For years ending June 30. Includes Alaska, Hawaii, and Puerto Rico]

COMMODITY	1945	1950	1955	1957	1958	1959	1960	1961
<b>Agricultural exports</b> <sup>1</sup> .....	68	110	108	175	148	141	182	195
Animals and animal products.....	229	92	150	184	156	139	160	163
Meat and meat products.....	(2)	75	122	217	124	120	140	135
Animal fats.....	(2)	75	110	123	93	101	146	124
Dairy products.....	(2)	128	260	249	255	172	139	140
Poultry and poultry products.....	(2)	133	114	165	101	181	283	368
Cotton and lint.....	45	154	98	196	153	84	178	188
Tobacco, unmanufactured.....	106	105	101	110	104	104	100	111
Grains and feeds.....	21	99	91	176	143	172	197	220
Vegetable oils and oilseeds.....	29	77	153	225	223	248	330	318
Fruits and vegetables.....	92	77	105	139	143	127	147	137

<sup>1</sup> Based on 261 classifications including commodity breakdown of food exported for relief or charity.<sup>2</sup> Not available.Source: Department of Agriculture, Economic Research Service, compiled from official records of Bureau of the Census. Published currently in *Foreign Agricultural Trade*.

## No. 900. U. S. AND WORLD PRODUCTION AND EXPORTS OF SELECTED AGRICULTURAL PRODUCTS: 1961

[Cotton and all grains except rice on crop-year basis; other commodities on calendar-year basis and partially estimated. Excludes Alaska, Hawaii, and Puerto Rico, except for exports]

COMMODITY	Unit	PRODUCTION			EXPORTS		
		U. S.	World		U. S.	World	
			Total	Percent U. S.		Total	Percent U. S.
Wheat.....	million bushels.....	1,235	7,830	15.8	662	1,518	43.6
Oats.....	do.....	1,013	3,545	28.6	29	98	29.6
Corn.....	do.....	13,624	17,265	49.0	276	474	58.2
Barley.....	do.....	3,303	3,345	11.7	86	279	30.8
Soybeans.....	do.....	683	1,101	62.9	134	150	89.3
Rice <sup>2</sup> .....	million pounds.....	3,594	326,029	1.1	1,847	14,100	13.1
Lard.....	do.....	2,533	8,080	31.3	419	730	57.4
Tallow and greases.....	do.....	4,000	6,895	58.0	1,826	2,475	73.8
Tobacco <sup>3</sup> .....	do.....	2,623	8,607	23.5	501	1,520	33.0
Edible vegetable oils.....	1,000 tons.....	43,954	13,925	28.4	51,459	2,920	50.0
Cotton.....	1,000 bales <sup>7</sup> .....	14,304	46,840	30.5	5,000	15,300	32.7

<sup>1</sup> Seed only. <sup>2</sup> Milled basis. <sup>3</sup> Unmanufactured.<sup>4</sup> U. S. oil production figures include oil equivalent of exported oilseeds.<sup>5</sup> Excludes reexports and exports of oil produced from imported raw materials.<sup>6</sup> Exports from producing countries. <sup>7</sup> Bales of 500 lbs. gross weight.

Source: Department of Agriculture, Economic Research Service.

# No. 901. AGRICULTURAL EXPORTS—VALUE OF EXPORTS UNDER SPECIFIED GOVERNMENT-FINANCED PROGRAMS: 1955 TO 1961

[In millions of dollars. For years ending June 30. Includes Alaska, Hawaii, and Puerto Rico]

ITEM	1955-61, total	1955-56	1957	1958	1959	1960	1961
Agricultural exports <sup>1</sup> .....	28,553	6,640	4,728	4,003	3,719	4,517	4,946
Outside Government programs <sup>1,2</sup> .....	18,989	4,407	2,771	2,752	2,465	3,205	3,389
Under Government programs <sup>1</sup> .....	9,564	2,233	1,957	1,251	1,254	1,312	1,557
Agricultural Trade Development and Assistance Act (Public Law 480).....	7,575	1,428	1,563	1,024	1,044	1,145	1,371
Sales for foreign currency (Title I).....	4,564	512	909	659	725	825	934
Disaster relief (Title II).....	621	174	88	92	56	65	146
Barter <sup>3</sup> .....	1,354	423	401	100	132	151	147
Donations <sup>4</sup> .....	1,036	319	165	173	131	104	144
Mutual Security Programs, Agency for International Development and predecessor agencies sales for local currency and economic aid <sup>5</sup> .....	1,989	805	394	227	210	167	186

<sup>1</sup> Sources 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 2 series.

<sup>2</sup> Exports 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.

<sup>3</sup> Values represent deliveries to contractors at export market value. Barter program is authorized under the charter act of the Commodity Credit Corporation, Title III, P.L. 480 (1954), and other legislation.

<sup>4</sup> Authorized under the Agricultural Act of 1949 and Title III, P.L. 480.

<sup>5</sup> Values shown are disbursements for exports and may differ from actual movement of goods during the year.

Source: Department of Agriculture, Economic Research Service.

# No. 902. AGRICULTURAL EXPORTS—VALUE OF TOTAL EXPORTS AND EXPORTS UNDER SPECIFIED GOVERNMENT-FINANCED PROGRAMS, BY COMMODITIES: 1958 TO 1961

[In millions of dollars. For years ending June 30. Includes Alaska, Hawaii, and Puerto Rico. Total exports include food for relief and charity. See table 901 for programs covered]

COMMODITY	1958		1959		1960		1961	
	Total	Under specified programs <sup>1</sup>	Total	Under specified programs <sup>1</sup>	Total	Under specified programs <sup>1</sup>	Total	Under specified programs <sup>1</sup>
<b>Total</b> .....	<b>4,003.0</b>	<b>1,251.5</b>	<b>3,719.4</b>	<b>1,254.1</b>	<b>4,516.8</b>	<b>1,312.9</b>	<b>4,945.6</b>	<b>1,557.1</b>
Wheat.....	567.0	409.0	623.1	477.8	706.3	541.0	907.9	703.3
Wheat flour.....	157.8	65.0	151.8	77.0	162.5	108.7	183.1	130.6
Corn, except seed.....	244.1	70.1	266.2	55.7	277.3	71.0	324.8	64.3
Grain sorghums.....	45.6	9.8	111.0	27.6	109.3	25.2	96.9	22.3
Oats.....	14.4	1.3	21.1	2.1	32.0	.7	19.4	.4
Barley.....	87.2	22.4	126.5	23.5	120.7	53.0	88.5	62.2
Commeal.....	14.8	14.8	13.4	11.4	14.6	13.6	17.2	16.8
Rice, milled.....	95.5	44.9	101.2	36.3	136.2	73.7	132.1	79.4
Cotton.....	841.0	288.1	412.7	258.6	825.7	155.9	936.7	227.7
Tobacco, unmanufactured.....	343.0	25.9	350.2	33.8	341.9	69.1	385.2	72.8
Soybeans.....	213.8	12.0	238.3	26.9	299.9	24.5	344.4	18.6
Lard.....	55.2	.9	55.3	1.6	62.0	.....	55.5	.....
Tallow, edible and inedible.....	96.6	8.4	93.0	6.8	109.2	8.7	100.6	7.5
Soybean oil.....	93.0	70.1	100.0	89.4	109.0	72.2	97.8	60.0
Cottonseed oil.....	47.7	22.0	30.5	11.3	68.9	26.2	51.1	14.6
Milk, evaporated.....	23.8	18.5	24.5	11.0	24.4	10.1	29.1	11.7
Milk, whole dried.....	18.8	.8	13.1	.1	16.8	.1	10.6	.2
Milk, nonfat dried.....	90.0	81.3	75.1	60.3	51.1	40.7	66.7	51.8
Infants' and dietetic foods.....	9.0	.4	8.7	.4	11.0	.4	12.4	.6
Poultry, fresh or frozen.....	12.7	.....	24.2	2.7	37.2	.3	53.5	.4
Hides and skins.....	64.4	2.1	55.3	5.1	69.3	1.3	82.7	3.2
Wool.....	17.1	7.0	18.4	.....	20.7	.....	15.6	.....
Beans, dry edible, except seed.....	15.6	1.0	26.7	2.7	29.8	1.7	17.6	.....
Dried fruits.....	41.0	5.4	31.5	.9	38.4	.3	42.3	.1
Fruits and juices, fresh, frozen, and canned.....	221.0	6.5	196.6	.6	210.3	.8	211.2	1.0
All other.....	491.5	1.4	510.4	2.5	599.4	4.9	879.3	5.8

<sup>1</sup> Sources of values for specified Government-financed programs are different from those for total exports; therefore, not fully comparable in regard to valuation, shipping period, etc. Instances in which exports under Government-financed programs exceed total exports are due to noncomparability of data.

Source: Department of Agriculture, Economic Research Service.

# Crop Acreage and Value

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## No. 903. ALL CROPS—ACREAGE, VALUE, AND CROPLAND HARVESTED: 1889 TO 1959

[Beginning 1959, includes Alaska and Hawaii, except for horticultural specialties. Minus sign (-) denotes decrease]

CROP AND YEAR	ACREAGE			VALUE			Average value per acre
	Total	Increase between census periods		Total	Increase between census periods		
		Acres	Percent		Amount	Percent	
Cropland harvested:	1,000	1,000		\$1,000	\$1,000		Dollars
1924.....	344,549	-4,054	-1.2				
1929.....	359,242	14,693	4.3				
1934.....	295,624	-63,618	-17.7				
1939.....	321,242	25,618	8.7				
1944.....	352,866	31,623	9.8				
1949.....	344,399	-8,467	-2.4				
1954.....	332,870	-11,528	-3.3				
1959.....	311,476	-21,394	-6.4				
All crops: <sup>1</sup>							
1889.....	219,706	53,519	32.2	(2)	(2)	(2)	(2)
1899.....	283,218	63,513	28.9	2,888,050	(2)	(2)	10.20
1909.....	311,293	28,075	9.9	5,287,774	2,399,724	83.1	16.99
1919.....	348,604	37,310	12.0	14,640,178	9,358,404	177.0	42.01
1924.....	(2)	(2)	(2)	7,472,535	-7,173,643	-49.0	(2)
1929.....	361,945	(2)	(2)	8,223,515	750,980	10.0	22.72
1934.....	298,642	-63,302	-17.5	4,479,015	-3,744,500	-45.5	15.00
1939.....	324,238	25,596	8.6	5,705,464	1,226,449	27.4	17.60
1944 <sup>3</sup> .....	353,355	29,116	9.0	14,439,931	8,734,466	153.1	40.87
1949.....	350,901	-2,454	-0.7	16,295,855	1,855,924	12.9	46.44
1954.....	338,027	-12,874	-3.7	18,679,519	2,383,664	14.6	55.20
1959.....	316,262	-21,765	-6.4	18,845,552	166,033	0.9	59.59
Field crops: <sup>4</sup>							
1909.....	309,913	27,073	9.6	4,942,660	2,217,374	81.4	15.95
1919 <sup>5</sup> .....	346,875	36,963	11.0	13,272,598	8,320,932	108.5	38.26
1929.....	352,060	5,785	1.7	6,900,096	-6,372,502	-48.0	19.57
1934 <sup>6</sup> .....	288,421	-64,239	-18.2	3,949,725	-2,950,371	-42.8	13.60
1939.....	315,660	27,239	9.4	4,763,656	813,931	20.6	15.09
1944 <sup>3</sup> .....	343,798	28,138	8.9	11,891,732	7,128,076	149.6	34.59
1949.....	341,893	-1,905	-0.6	14,321,684	2,429,952	20.4	41.89
1954.....	329,858	-12,035	-3.5	16,376,279	2,064,595	14.3	49.65
1959.....	308,187	-21,671	-6.6	16,083,564	-292,715	-1.8	52.19
Vegetables: <sup>4,7</sup>							
1919.....	1,424	415	41.1	534,436	(8)	(8)	
1929.....	2,812	1,387	97.4	522,010	-12,426	-2.3	
1934.....	3,774	962	34.2	<sup>9</sup> 137,029	(8)	(8)	
1939.....	3,063	-720	-19.1	410,916	(8)	(8)	
1944 <sup>3</sup> .....	4,370	1,317	43.1	1,032,626	621,710	151.3	
1949.....	3,865	-606	-11.6	<sup>10</sup> 607,018	-425,608	-41.2	
1954.....	3,740	-125	-3.2	<sup>10</sup> 645,095	38,077	6.3	
1959.....	3,491	-249	-6.7	<sup>10</sup> 739,627	94,532	14.7	211.87
Fruits and nuts and horticultural specialties:							
1909 <sup>11</sup> .....	371	-7	-1.9	279,358	118,601	71.6	
1919 <sup>11</sup> .....	304	-67	-18.1	839,144	559,785	200.4	
1929 <sup>12</sup> .....	6,473	(8)	(8)	801,409	-37,735	-4.5	123.81
1934 <sup>6</sup> .....	6,448	-25	-0.4	392,261	-469,148	-51.1	60.84
1939.....	5,525	-923	-14.3	530,892	138,631	35.3	96.09
1944 <sup>12</sup> .....	5,187	-338	-6.1	1,515,572	984,680	185.5	292.21
1949 <sup>13</sup> .....	5,143	-41	-0.8	1,367,153	-148,419	-9.8	265.82
1954 <sup>14</sup> .....	4,429	-715	-13.9	1,658,145	200,992	21.3	374.42
1959 <sup>14</sup> .....	4,584	155	3.5	2,022,361	364,216	22.0	441.18

<sup>1</sup> Total acreage of crops harvested for which figures are available. Includes any acreage of alfalfa seed and clover and grass seeds enumerated, some of which was harvested from land also cut for hay.

<sup>2</sup> Not available. <sup>3</sup> Total for specified crops.

<sup>4</sup> Irish and sweetpotatoes included with "Field crops," not with "Vegetables."

<sup>5</sup> Excludes corn cut for fodder (acreage, 14,503,000; value, \$206,935,000) probably duplicated in acreage of corn harvested for grain.

<sup>6</sup> Only strawberries included in small fruits; other small fruits included in field crops.

<sup>7</sup> Acreage represents vegetables harvested for sale only; acreage in farm gardens not available. Value comprises both vegetables for home use and for sale, except as noted.

<sup>8</sup> Available data not comparable. <sup>9</sup> Farm garden vegetables for home use only.

<sup>10</sup> Vegetables harvested for sale.

<sup>11</sup> Acreage in fruit orchards, vineyards, and planted nut trees not secured prior to 1930 Census.

<sup>12</sup> Acreage of horticultural specialties not included.

<sup>13</sup> Excludes acreage on farms reporting less than one-half acre in orchards, vineyards, and planted nut trees.

<sup>14</sup> Excludes data for farms with less than 20 trees or grapevines.

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Agriculture: 1959*, Vol. II.

No. 904. CROPS—ACREAGE AND PRODUCTION, 1954 AND 1959, AND VALUE, 1959,  
BY KIND

[Beginning 1959, includes Alaska and Hawaii except for horticultural specialties]

CROP	ACREAGE (1,000)		PRODUCTION (1,000 units)			Value (\$1,000), 1959
	1954	1959	Unit	1954	1959	
All crops harvested.....	338,027	316,262				18,845,552
All field crops <sup>2</sup> .....	329,858	308,187				16,083,564
Corn for all purposes <sup>3</sup> .....	78,123	79,616				4,384,428
Sorghum for all purposes.....	<sup>4</sup> 17,566	17,927				577,466
All wheat threshed <sup>4</sup> .....	51,362	49,567	Bu.....	908,928	1,055,925	1,871,911
Oats threshed.....	37,921	26,573	do.....	1,314,142	1,001,092	638,797
Barley threshed <sup>4</sup> .....	12,556	14,190	do.....	354,716	398,312	343,301
Rye threshed <sup>4</sup> .....	1,450	1,392	do.....	21,844	21,800	22,327
Mixed grains threshed <sup>4</sup> .....	932		do.....	27,490		
Flaxseed threshed <sup>4</sup> .....	5,179	2,848	do.....	35,495	19,597	59,672
Rice threshed <sup>4</sup> .....	2,498	1,617	do.....	145,076	120,896	249,380
Soybeans harvested for beans.....	16,444	22,080	do.....	324,065	515,628	1,017,902
Soybeans hogged or grazed or cut for silage.....	<sup>4</sup> 531	411			( <sup>5</sup> )	7,771
Cowpeas harvested for dry peas.....	268	179	Bu.....	1,180	1,475	5,074
Cowpeas hogged or grazed or cut for silage.....	<sup>4</sup> 205	125			( <sup>5</sup> )	2,642
Soybeans and cowpeas cut for hay.....	1,074	434	Tons.....	994	540	12,722
Peanuts harvested for nuts.....	1,270	1,333	Lb.....	884,604	1,413,428	135,097
Peanut vines or tops saved for hay.....	1,002	327	Tons.....	509	197	3,751
All dry field and seed beans other than velvet-beans, soybeans, and mungbeans.....	1,455	1,414	100-lb. bags.....	17,125	19,087	137,756
All dry field and seed peas other than cowpeas and Austrian peas.....	255	344	do.....	5,624	8,322	20,247
All hay, excl. sorghum for hay and specified annual legumes.....	69,940	63,549	Tons.....	7103,597	106,590	2,180,622
Alfalfa cut for hay.....	<sup>4</sup> 26,008	26,107	do.....	<sup>4</sup> 59,914	59,871	1,270,128
Clover or timothy cut for hay.....	<sup>4</sup> 16,930	14,040	do.....	<sup>4</sup> 23,687	22,063	437,293
Lespedeza cut for hay <sup>4</sup> .....	3,301	3,089	do.....	2,826	3,783	80,224
Small grains cut for hay.....	<sup>4</sup> 4,674	3,551	do.....	<sup>4</sup> 5,096	3,655	71,565
Wild hay cut <sup>4</sup> .....	12,473	10,474	do.....	9,584	8,636	143,759
Other hay cut <sup>4</sup> .....	5,398	5,031	do.....	5,497	6,204	119,078
Silage made from grass or hay crops <sup>5</sup> .....	1,156	1,287	do.....	<sup>10</sup> 6,642	2,396	58,575
Alfalfa seed harvested.....	1,015	673	Bu.....	2,676	1,812	31,493
Red clover seed harvested.....	860	1,141	do.....	925	1,473	22,805
Lespedeza seed harvested.....	529	422	Lb.....	90,106	94,706	9,063
Cotton harvested (lint).....	18,858	14,649	Bales.....	12,921	13,914	2,120,231
Cottonseed.....		( <sup>9</sup> )	Tons.....	5,413	5,745	222,418
Tobacco harvested.....	1,557	1,108	Lb.....	1,021,526	1,646,513	947,626
Sugarcane cut for sugar.....	279	408	Tons.....	6,532	16,568	121,342
Sugarcane or cane for strup.....	<sup>11</sup> 47	15	Gal.....	<sup>11</sup> 3,824	3,070	3,847
Sugarbeets harvested for sugar.....	864	912	Tons.....	13,638	16,822	187,340
Hops harvested.....	25	33	Lb.....	38,372	54,602	27,112
Irish potatoes harvested.....	<sup>12</sup> 1,211	1,200	Bu.....	340,188	373,557	479,510
Sweet potatoes harvested.....	<sup>12</sup> 261	218	do.....	27,397	20,385	53,707
All other.....						185,306
Vegetables harvested for sale <sup>2</sup> .....	3,740	3,491				739,627
All fruits and nuts and horticultural specialties <sup>13</sup> .....	4,429	4,584				2,022,361
Strawberries.....	80	85	Qt.....	206,464	279,226	74,610
Other berries and small fruits.....	110	107	do.....		226,275	37,520
Tree fruits, nuts and grapes (excl. nurseries) <sup>13</sup> .....	4,003	4,120				1,294,893
Horticultural specialties.....	235	272				615,338

<sup>1</sup> Total acreage of crops harvested for which figures are available. Includes any acreage of alfalfa seed and clover and grass seed enumerated, some of which was harvested from land also cut for hay.<sup>2</sup> Irish and sweet potatoes included with "Field crops," not with "Vegetables."<sup>3</sup> Excludes sweet corn, popcorn, Egyptian corn, kafir, and milo maize.<sup>4</sup> Totals are for States for which data are available.<sup>5</sup> Excludes sorghum for strup.<sup>6</sup> Not available.<sup>7</sup> Includes grass silage converted to dry weight basis.<sup>8</sup> Includes hay listed above in those States where separate inquiries were not on the questionnaire.<sup>9</sup> Silage crops other than corn and sorghums. <sup>10</sup> Green weight.<sup>11</sup> Includes sorghum for strup.<sup>12</sup> Excludes acreage for farms with less than 20 bushels harvested.<sup>13</sup> Except for horticultural specialties, 1954 figures exclude data for farms with less than 20 trees or grapevines.

Source: Department of Commerce, Bureau of the Census; U.S. Census of Agriculture: 1959, Vol. II.

## Principal Crops

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## No. 905. PRINCIPAL CROPS—ACREAGE, PRODUCTION, AND VALUE: 1931 TO 1961

[Excludes Alaska and Hawaii. For weights of units of measurement for principal products, see Appendix II. Acreage, production, and yield of all crops revised to Census data. See also *Historical Statistics, Colonial Times to 1867*, series K 265-315, for acreage harvested, production, and price data for all crops listed except sorghums, peanuts, and dry beans]

YEARLY AVERAGE OR YEAR	Acreage har- vested	Produc- tion	Farm value <sup>1</sup>	Yield per acre	Price <sup>2</sup>	Acreage har- vested	Produc- tion	Farm value <sup>1</sup>	Yield per acre	Price <sup>2</sup>
WHEAT						RYE				
	<i>1,000 acres</i>	<i>1,000 bushels</i>	<i>\$1,000</i>	<i>Bush- els</i>	<i>Dollars per bushel</i>	<i>1,000 acres</i>	<i>1,000 bushels</i>	<i>\$1,000</i>	<i>Bush- els</i>	<i>Dollars per bushel</i>
1931-1935.....	51,926	680,868	407,254	13.1	0.60	2,980	33,134	13,888	11.1	0.42
1936-1940.....	57,687	795,913	614,156	13.8	.77	3,526	41,474	21,140	11.8	.51
1941-1945.....	56,396	984,580	1,252,433	17.5	1.27	2,800	34,344	28,118	12.3	.82
1946-1950.....	70,312	1,184,740	2,398,373	16.9	2.01	1,791	21,875	36,215	12.2	1.63
1951-1955.....	60,497	1,077,261	2,229,223	17.9	2.07	1,678	22,322	29,523	13.2	1.37
1956-1960.....	50,049	1,179,392	2,142,334	23.5	1.83	1,656	27,823	28,565	16.7	1.03
1957.....	43,754	955,740	1,848,437	21.8	1.93	1,718	28,516	30,827	16.6	1.08
1958.....	53,047	1,457,435	2,543,688	27.5	1.75	1,797	33,182	34,172	18.5	1.02
1959.....	51,781	1,121,118	1,974,891	21.7	1.76	1,457	23,076	23,354	15.8	1.06
1960.....	51,896	1,357,272	2,368,414	26.2	1.75	1,684	33,062	29,621	19.6	.88
1961 (prel.)...	51,620	1,234,705	2,260,670	23.9	1.84	1,542	27,262	27,833	17.7	1.02
RICE, ROUGH						CORN FOR GRAIN				
	<i>1,000 acres</i>	<i>1,000 cwt.</i>	<i>\$1,000</i>	<i>Pounds</i>	<i>Dollars per cwt.</i>	<i>1,000 acres</i>	<i>1,000 bushels</i>	<i>\$1,000</i>	<i>Bush- els</i>	<i>Dollars per bushel</i>
1931-1935.....	853	18,214	25,526	2,135	1.40	84,854	2,012,283	-----	23.3	-----
1936-1940.....	1,054	23,782	38,784	2,256	1.63	77,319	2,091,335	-----	26.8	-----
1941-1945.....	1,424	28,617	106,891	2,010	3.74	80,201	2,682,763	-----	33.1	-----
1946-1950.....	1,718	37,116	184,857	2,161	5.01	75,711	2,898,345	-----	37.0	-----
1951-1955.....	2,106	53,442	268,164	2,549	5.05	70,082	2,814,481	-----	40.2	-----
1956-1960.....	1,501	49,078	232,894	3,205	4.76	58,691	3,441,913	3,797,615	51.2	1.11
1957.....	1,340	42,935	210,538	3,204	5.11	63,065	3,045,355	3,393,496	48.3	1.11
1958.....	1,415	44,760	209,425	3,164	4.68	63,549	3,356,205	3,755,553	52.8	1.12
1959.....	1,586	53,647	240,317	3,362	4.69	72,091	3,824,598	3,979,891	53.1	1.04
1960.....	1,595	54,591	248,445	3,423	4.55	71,649	3,998,070	3,891,847	54.5	1.00
1961 (prel.)...	1,589	53,636	266,531	3,376	4.97	58,691	3,024,313	3,889,685	61.8	1.07
SORGHUMS FOR GRAIN						OATS				
	<i>1,000 acres</i>	<i>1,000 bushels</i>	<i>\$1,000</i>	<i>Bush- els</i>	<i>Dollars per bushel <sup>3</sup></i>	<i>1,000 acres</i>	<i>1,000 bushels</i>	<i>\$1,000</i>	<i>Bush- els</i>	<i>Dollars per bushel</i>
1931-1935.....	4,638	53,843	23,763	13.3	0.44	37,897	673,920	262,598	25.9	0.26
1936-1940.....	4,708	61,306	31,926	13.0	.62	34,826	1,052,573	328,974	30.2	.81
1941-1945.....	6,621	122,755	111,216	17.7	.91	39,360	1,267,222	759,269	32.2	.60
1946-1950.....	7,288	142,531	179,891	10.2	1.33	39,409	1,338,644	1,071,144	33.9	.81
1951-1955.....	8,955	169,507	208,759	18.7	1.29	37,872	1,310,773	950,458	34.6	.73
1956-1960.....	15,282	505,695	470,563	32.4	.96	30,617	1,210,012	751,782	39.7	.62
1957.....	19,682	567,508	550,599	28.8	.97	34,065	1,289,880	783,121	37.9	.61
1958.....	16,524	581,012	579,635	35.2	1.00	31,247	1,401,410	811,033	44.8	.58
1959.....	15,402	555,211	471,813	36.0	.86	27,793	1,052,059	678,651	37.9	.65
1960.....	15,692	619,867	514,743	39.8	.84	26,646	1,165,312	694,123	43.4	.60
1961 (prel.)...	11,026	482,615	459,359	43.8	.96	24,677	1,012,855	650,703	42.1	.64
BARLEY						HAY				
	<i>1,000 acres</i>	<i>1,000 bushels</i>	<i>\$1,000</i>	<i>Bush- els</i>	<i>Dollars per bushel</i>	<i>1,000 acres</i>	<i>1,000 tons</i>	<i>\$1,000</i>	<i>Short tons</i>	<i>Dollars per ton <sup>4</sup></i>
1931-1935.....	10,608	241,714	77,607	20.0	0.37	68,190	76,060	651,795	1.13	8.47
1936-1940.....	11,034	243,144	113,228	22.0	.47	68,842	85,404	790,145	1.24	9.25
1941-1945.....	13,778	331,640	266,988	24.1	.81	75,861	103,385	1,754,218	1.36	16.07
1946-1950.....	10,853	280,661	361,352	25.8	1.20	73,639	99,415	2,174,267	1.35	21.90
1951-1955.....	10,847	302,885	337,641	27.9	1.15	74,777	108,955	2,455,472	1.46	22.50
1956-1960.....	14,274	430,036	380,760	30.1	.90	69,654	115,467	2,282,215	1.66	20.80
1957.....	14,872	442,761	389,401	29.8	.89	71,912	120,043	2,211,970	1.67	19.30
1958.....	14,791	477,368	426,902	32.3	.90	70,547	120,100	2,186,374	1.70	18.80
1959.....	14,918	422,383	359,029	28.3	.86	66,274	110,978	2,816,717	1.67	22.30
1960.....	13,939	431,309	357,250	30.9	.84	67,240	118,286	2,409,626	1.70	21.60
1961 (prel.)...	12,969	393,384	372,388	30.3	.97	67,085	110,632	2,379,354	1.74	20.70

See footnotes at end of table.

## No. 905. PRINCIPAL CROPS—ACREAGE, PRODUCTION, AND VALUE: 1931 TO 1961—Con.

YEARLY AVERAGE OR YEAR	Acres har- vested	Produc- tion	Farm value <sup>1</sup>	Yield per acre	Price <sup>2</sup>	Acres har- vested	Produc- tion	Farm value <sup>1</sup>	Yield per acre	Price <sup>3</sup>
IRISH POTATOES						BEANS, DRY, EDIBLE <sup>5</sup>				
	1,000 acres	1,000 cwt.	\$1,000	Cwt.	Dollars per cwt.	1,000 acres	1,000 cwt.	\$1,000	Lb.	Dollars per cwt.
1931-1935.....	8,509.7	226,511	199,490	64.5	0.89	1,687	11,687	31,127	739	2.66
1936-1940.....	2,906.0	213,065	238,482	73.4	1.14	1,709	14,094	47,639	882	3.38
1941-1945.....	2,800.3	238,417	488,528	84.0	2.02	1,958	16,219	91,725	897	5.22
1946-1950.....	1,992.4	259,156	563,787	131.7	2.18	1,747	16,980	147,118	970	8.81
1951-1955.....	1,420.0	217,159	479,247	152.9	2.25	1,414	16,171	128,411	1,146	7.96
1956-1960.....	1,378.4	251,689	476,191	182.6	1.90	1,462	17,809	124,479	1,217	7.00
1957.....	1,359.4	242,522	467,865	178.4	1.91	1,379	15,670	112,268	1,136	7.16
1958.....	1,428.4	266,897	349,674	186.9	1.31	1,616	19,287	129,409	1,194	6.71
1959.....	1,336.3	245,799	556,653	183.9	2.27	1,460	18,939	132,335	1,267	0.99
1960.....	1,396.9	267,435	513,749	184.3	2.00	1,434	17,917	129,336	1,249	7.21
1961 (prel.)..	1,488.0	290,939	399,417	195.5	1.37	1,439	20,006	142,932	1,390	7.14
PEANUTS (PICKED AND THRESHED)						SOYBEANS (FOR BEANS)				
	1,000 acres <sup>7</sup>	1,000 pounds	\$1,000	Lb.	Dollars per bu. <sup>8</sup>	1,000 acres	1,000 bushels	\$1,000	Bushels	Dollars per bu. <sup>8</sup>
1931-1935.....	1,434	996,762	24,907	695.2	0.03	1,531	23,597	17,616	15.4	0.75
1936-1940.....	1,770	1,352,243	45,952	764	.03	3,420	61,995	53,373	18.1	.86
1941-1945.....	3,002	1,993,497	138,650	684	.07	9,433	174,028	321,068	18.4	1.85
1946-1950.....	2,877	2,091,121	213,426	742	.10	11,263	230,101	560,784	20.4	2.66
1951-1955.....	1,559	1,429,136	160,054	894	.11	15,709	313,308	797,884	20.0	2.57
1956-1960.....	1,449	1,646,154	170,498	1,137	.10	22,351	520,226	1,074,974	23.2	2.07
1957.....	1,481	1,435,549	148,855	969	.10	20,857	483,425	1,002,641	23.2	2.07
1958.....	1,516	1,814,242	192,979	1,197	.11	23,993	580,250	1,160,112	24.2	2.00
1959.....	1,453	1,587,799	152,009	1,092	.10	22,631	532,899	1,046,468	23.5	1.06
1960.....	1,410	1,785,716	178,724	1,266	.10	23,655	555,307	1,185,362	23.5	2.13
1961 (prel.)..	1,429	1,762,975	172,298	1,234	.11	27,340	693,023	1,539,923	25.3	2.29
FLAXSEED						TORACCO				
	1,000 acres	1,000 bushels	\$1,000	Bushels	Dollars per bushel	1,000 acres	1,000 pounds	\$1,000	Lb.	Dollars per lb.
1931-1935.....	1,778	10,161	13,201	5.7	1.30	1,560	1,268,330	175,681	808	0.14
1936-1940.....	1,602	14,193	21,715	8.5	1.53	1,641	1,491,701	277,578	900	.19
1941-1945.....	3,952	35,868	91,690	9.1	2.56	1,542	1,603,694	618,116	1,040	.39
1946-1950.....	4,134	40,244	188,915	9.7	4.57	1,718	2,080,041	973,979	1,215	.47
1951-1955.....	4,471	36,845	124,779	8.3	3.41	1,670	2,216,695	1,141,035	1,331	.51
1956-1960.....	4,044	32,240	91,900	8.1	2.85	1,172	1,864,004	1,075,408	1,591	.58
1957.....	4,793	25,113	73,744	5.2	2.94	1,122	1,667,544	935,992	1,486	.56
1958.....	3,679	37,409	100,582	10.2	2.69	1,078	1,736,418	1,040,396	1,611	.60
1959.....	2,932	21,237	63,795	7.2	3.00	1,153	1,796,415	1,048,043	1,558	.68
1960.....	3,342	30,402	80,593	9.1	2.05	1,142	1,944,089	1,183,777	1,703	.61
1961 (prel.)..	2,514	21,852	70,710	8.7	3.24	1,174	2,022,831	1,286,829	1,723	.64
COTTON (EXCLUDING LINTERS) <sup>9</sup>						COTTONSEED				
	1,000 acres	1,000 bales <sup>9</sup>	\$1,000	Lb.	Cents per pound	1,000 short tons	\$1,000			Dollars per ton
1931-1935.....	31,671	12,684	551,305	191	9.16	5,505	95,829			19.16
1936-1940.....	27,058	13,534	646,935	239	9.67	5,684	132,166			23.49
1941-1945.....	20,619	11,247	1,110,899	262	19.85	4,602	228,712			49.83
1946-1950.....	21,421	12,304	1,974,605	273	32.72	4,961	338,783			70.96
1951-1955.....	22,678	15,034	2,565,258	326	34.13	6,195	367,108			59.28
1956-1960.....	14,290	12,923	2,021,688	431	31.30	5,338	243,317			45.92
1957.....	13,558	10,964	1,625,074	388	29.65	4,609	235,367			51.10
1958.....	11,840	11,512	1,912,311	466	33.23	4,798	210,262			43.80
1959.....	15,117	14,558	2,304,295	461	31.66	5,991	232,115			38.80
1960.....	15,309	14,272	2,154,165	446	30.19	5,886	249,977			42.50
1961 (prel.)..	15,686	14,304	2,385,751	438	33.4	5,032	303,499			51.20

<sup>1</sup> Values are based on season average prices; see notes on "Price" column.<sup>2</sup> Season average price received by farmers. State prices weighted by production to obtain U.S. price prior to 1935, but weighted by sales beginning 1958. For certain years, prices for wheat, rye, rice, corn for grain, grain sorghums, oats, barley, dry edible beans, soybeans, flaxseed, cotton, and cottonseed include an allowance for unredeemed loans and purchase agreement deliveries. See also, notes on prices for each crop. <sup>3</sup> Based on reported price of grain sorghums. <sup>4</sup> Beginning 1939, prices are for hay sold baled; prior years, for hay sold loose.<sup>5</sup> Cleaned beans.<sup>6</sup> Includes following quantities of potatoes not marketed and excluded in computing value (1,000 cwt.): 1931, 40; 1932, 1,305; 1937, 43; 1939, 774; 1943, 264; 1950, 741; 1951, 656; 1953, 3,068; 1955, 1,147; 1957, 534; 1958, 934; 1959, 248.<sup>7</sup> Equivalent solid acreage.<sup>8</sup> State production figures, which conform with Census annual ginning enumeration with allowance for cross-State ginnings, rounded to thousands and added for United States totals. <sup>9</sup> Bales of 600 pounds, gross weight.<sup>10</sup> Average price to Dec. 1.Source: Department of Agriculture, Statistical Reporting Service; annual report, *Agricultural Statistics*, and annual summaries, *Crop Production and Crop Values*.

# No. 906. SELECTED CROPS—ACREAGE, PRODUCTION, VALUE, AND PRINCIPAL PRODUCING STATES: 1950 TO 1961

[Excludes Alaska and Hawaii, except as noted. For weights of units of measurement, see specific crop tables]

CROP	ACREAGE HARVESTED (1,000)			PRODUCTION (1,000)			FARM VALUE (\$1,000)			Principal States in order of production, 1961
	1950-1959, avg.	1960	1961 (prel.)	Unit	1950-1959, avg.	1960	1961 (prel.)	1950	1960	1961 (prel.)
Corn, for grain.	68,639	71,649	58,691	Bu.	3,013,797	3,908,070	3,624,313	2,042,296	3,891,847	3,889,685
Wheat.	56,245	51,896	51,620	do.	1,094,770	1,357,272	1,234,705	2,368,414	2,368,414	2,368,414
Oats.	35,510	26,646	24,077	do.	1,281,781	1,155,312	1,012,853	694,123	694,123	694,123
Barley.	12,282	13,939	12,969	do.	1,353,737	431,309	393,384	1,357,087	377,269	377,269
Rye.	1,674	1,684	1,542	do.	23,907	33,052	27,362	28,236	28,421	27,833
Rice, rough.	1,808	1,595	1,589	Cwt.	49,683	54,591	57,362	197,438	248,445	266,531
Potatoes.	1,808	3,342	1,526	Bu.	35,526	30,402	21,852	134,531	50,533	70,710
Flaxseed.	11,394	15,592	11,026	do.	298,988	619,867	482,615	245,342	514,743	48,839
Sorghum grain.	4,395	2,164	1,722	Tons <sup>1</sup>	5,337	3,859	3,420	8,075,883	60,563	52,959
Sorghum forage.	18,737	15,309	15,686	Bales.	13,553	14,272	14,304	2,164,165	2,164,165	2,164,165
Cotton, lint.	73,006	67,246	67,085	Tons.	5,589	5,886	5,932	334,533	249,977	368,499
Cottonseed.	73,006	67,246	67,085	do.	110,769	118,236	116,632	2,221,644	2,409,626	2,379,354
Hay, all.	1,998	1,710	1,683	Lb.	152,441	136,438	116,393	40,372	37,302	39,915
Alfalfa seed.	1,360	1,017	917	do.	87,217	136,438	116,393	45,411	18,620	18,382
Red clover seed.	1,446	1,434	1,339	Cwt.	16,711	17,917	20,006	111,861	129,336	142,932
Beans, dry edible.	18,045	23,665	27,340	Bu.	391,162	553,307	693,023	737,750	1,185,352	1,589,923
Peasbeans for beans.	1,609	1,410	1,429	Lb.	1,562,602	1,753,716	1,762,975	221,881	178,724	192,208
Peanuts, picked and threshed.	1,429	1,367	1,483	Cwt.	3,234,592	257,435	290,839	394,404	513,749	399,417
Potatoes.	339	307	194	do.	18,898	15,445	15,083	85,589	64,150	67,088
Sweetpotatoes.	1,360	1,142	1,174	Lb.	2,048,896	1,944,080	2,022,831	1,048,545	1,183,777	285,829
Tobacco.	1,300	330	359	Tons.	7,010	7,720	9,387	54,153	57,192	69,227
Sugarcane for sugar and seed.	810	957	1,083	do.	13,324	16,421	17,966	151,290	190,109	194,033
Sugar beets.	32	29	23	Lb.	48,604	45,976	35,454	21,395	15,640	15,640
Hops.										
Apples, commercial crop.				Bu.	\$11,848	108,315	\$125,510	106,689	237,976	233,561
Peaches.				do.	\$63,130	\$74,315	\$77,487	67,373	134,288	143,254
Pears.				do.	\$29,220	26,621	\$27,111	60,751	54,578	61,984
Grapes.				Tons.	2,937	2,997	3,083	182,272	166,158	181,912
Cherries.				do.	\$219	\$243	\$192	39,641	43,490	57,544
Plums, all (fresh basis).				do.	\$199	\$243	\$192	20,494	24,976	16,290
Apricots.				do.	488	372	2,553	82,343	58,463	53,764
Strawberries.				Boxes	124,114	\$116,635	\$126,975	89,132	89,132	89,132
Oranges.	113	94	92	do.	\$43,300	\$43,300	\$43,300	43,300	43,300	43,300
Grapefruit.				do.	\$15,064	\$15,064	\$15,064	50,738	54,669	440,064
Pecans.				Lb.	152,322	157,500	221,700	37,929	34,316	43,324
Walnuts.				Tons.	73	73	69	35,901	58,123	40,936
Almonds.				do.	44	44	68	24,720	30,475	30,475
Letuces, commercial.	219	223	218	do.	1,612	1,612	1,612	26,584	27,878	36,720
Tomatoes, commercial.	556	442	472	do.	4,505	4,996	5,279	96,173	144,498	122,950

<sup>1</sup> Dry weight.

<sup>2</sup> See footnote 4, table 924.

<sup>3</sup> Includes short-time averages for Alaska.

<sup>4</sup> Based on average marketing prices to Dec. 1, 1961.

<sup>5</sup> Includes Hawaii.

<sup>6</sup> Includes Alaska and Hawaii.

<sup>7</sup> Includes long-term averages for Alaska.

<sup>8</sup> Includes Alaska and Hawaii.

<sup>9</sup> Includes some quantities not harvested.

Source: Department of Agriculture, Statistical Reporting Service; annual report, *Agricultural Statistics*, and annual summaries, *Crop Production and Crop Values*.

# No. 907. MAJOR CROPS—HARVESTED ACREAGE, FARM VALUE, AND CROPS IN ORDER OF VALUE, BY STATES: 1950 TO 1961

[Acreage covers 50 major field crops and vegetables; value covers 78 major field crops, vegetables, fruits, and nuts]

STATE	HARVESTED ACREAGE OF 50 CROPS (1,000)			FARM VALUE OF 78 CROPS (\$1,000)		Crops in order of value, 1961
	1950- 1959, avg.	1960	1961 (prel.)	1960	1961 (prel.)	
U.S. <sup>1</sup> .....	328,863	316,248	296,062	19,183,372	19,790,655	Corn, cotton lint, hay, wheat.
<b>N.E.:</b>						
Maine.....	831	606	664	67,617	54,370	Potatoes, hay, apples, oats.
N.H.....	266	210	198	13,060	12,391	Hay, apples, potatoes, maple sirup.
Vt.....	887	800	779	39,124	37,625	Hay, maple sirup, apples, potatoes.
Mass.....	333	275	263	47,182	42,387	Hay, apples, tobacco, cranberries.
R.I.....	36	33	32	5,538	5,030	Potatoes, hay, apples, sweet corn.
Conn.....	286	236	230	44,423	40,792	Tobacco, hay, apples, potatoes.
<b>M.A.:</b>						
N.Y.....	5,398	4,892	4,740	331,727	320,657	Hay, apples, potatoes, oats.
N.J.....	749	654	620	107,955	106,569	Tomatoes, hay, asparagus, corn.
Pa.....	5,348	4,817	4,702	298,424	304,683	Hay, corn, wheat, oats.
<b>E.N.C.:</b>						
Ohio.....	10,243	9,713	8,862	571,813	552,242	Corn, soybeans for beans, hay, wheat.
Ind.....	11,128	11,350	10,537	664,815	673,283	Corn, soybeans for beans, wheat, hay.
Ill.....	20,904	21,246	19,700	1,224,176	1,331,568	Corn, soybeans for beans, wheat, hay.
Mich.....	7,885	6,748	6,668	395,372	438,419	Corn, wheat, hay, dry beans.
Wis.....	10,045	9,474	9,392	415,477	456,264	Hay, corn, oats, potatoes.
<b>W.N.C.:</b>						
Minn.....	19,370	19,132	18,572	735,214	836,022	Corn, hay, soybeans for beans, oats.
Iowa.....	22,545	23,117	20,820	1,116,665	1,233,506	Corn, soybeans for beans, hay, oats.
Mo.....	12,654	12,500	11,462	601,301	636,223	Corn, soybeans for beans, hay, wheat.
N. Dak.....	20,931	19,698	16,622	465,472	334,205	Wheat, hay, barley, flaxseed.
S. Dak.....	17,103	15,879	14,198	366,060	326,440	Corn, wheat, hay, oats.
Nebr.....	18,796	18,660	17,016	712,502	671,396	Corn, wheat, hay, sorghum grain.
Kans.....	20,045	21,672	19,682	866,070	814,597	Wheat, sorghum grain, hay, corn.
<b>S.A.:</b>						
Del.....	447	507	494	35,423	35,895	Soybeans for beans, corn, potatoes, lima beans.
Md.....	1,573	1,541	1,520	119,837	118,549	Corn, tobacco, hay, soybeans for beans.
Va.....	3,259	3,037	3,034	283,380	305,487	Tobacco, hay, corn, peanuts.
W. Va.....	1,019	850	819	50,611	47,491	Hay, apples, corn, tobacco.
N.C.....	5,740	5,016	4,843	815,593	851,632	Tobacco, corn, cotton lint, peanuts.
S.C.....	3,590	2,796	2,797	268,080	296,670	Tobacco, cotton lint, soybeans for beans, corn.
Ga.....	5,735	4,668	4,500	363,787	391,275	Tobacco, cotton lint, corn, peanuts.
Fla.....	1,206	1,094	1,067	572,447	612,171	Oranges, grapefruit, tomatoes, tobacco.
<b>E.S.C.:</b>						
Ky.....	4,492	4,084	3,626	386,200	410,185	Tobacco, corn, hay, soybeans for beans.
Tenn.....	4,841	4,137	3,934	315,812	336,755	Cotton lint, tobacco, corn, hay.
Ala.....	4,584	3,715	3,454	252,460	249,564	Cotton lint, corn, peanuts, hay.
Miss.....	5,253	4,524	4,547	387,935	452,622	Cotton lint, soybeans for beans, corn, cottonseed.
<b>W.S.C.:</b>						
Ark.....	5,441	5,518	5,709	457,480	526,426	Cotton lint, soybeans for beans, rice, cottonseed.
La.....	2,794	2,384	2,332	246,598	274,784	Cotton lint, rice, sugar cane for sugar and seed, hay.
Okla.....	9,981	9,565	9,330	422,101	391,207	Wheat, cotton lint, hay, sorghum grain.
Tex.....	23,809	23,244	21,735	1,374,280	1,575,104	Cotton lint, sorghum grain, wheat, cottonseed.
<b>Mt.:</b>						
Mont.....	8,978	8,374	7,526	252,489	206,437	Wheat, hay, barley, sugar beets.
Idaho.....	3,757	3,716	3,778	283,002	285,181	Wheat, hay, potatoes, sugar beets.
Wyo.....	1,846	1,688	1,707	62,031	63,272	Hay, wheat, sugar beets, dry beans.
Colo.....	6,046	6,384	6,180	313,530	296,528	Wheat, hay, sugar beets, potatoes.
N. Mex.....	1,212	1,148	1,125	103,353	119,459	Cotton lint, hay, wheat, sorghum grain.
Arizona.....	1,164	1,165	1,141	281,414	296,454	Cotton lint, lettuce, hay, cottonseed.
Utah.....	1,219	1,072	1,015	67,098	62,440	Hay, wheat, sugar beets, barley.
Nev.....	410	347	328	18,284	15,904	Hay, cotton lint, wheat, onions.
<b>Pac.:</b>						
Wash.....	4,230	4,140	4,213	331,350	325,046	Wheat, apples, hay, barley.
Oreg.....	2,908	2,688	2,720	197,582	191,627	Hay, wheat, barley, snap beans.
Calif.....	7,153	6,987	6,767	1,631,210	1,814,752	Cotton lint, grapes, hay, tomatoes.

<sup>1</sup> Excludes Alaska and Hawaii.

Source: Department of Agriculture, Statistical Reporting Service; annual summaries, *Crop Production and Crop Values*, and records.



## No. 908. WHEAT—SUPPLY AND DISAPPEARANCE: 1941 TO 1961

[In thousands of 60-pound bushels. For years beginning July 1. Excludes Alaska, Hawaii, and Puerto Rico, except for exports and imports. See also *Historical Statistics, Colonial Times to 1957*, series K 272-273, for stocks on and off farms]

ITEM	1941- 1945, average	1946- 1950, average	1951- 1955, average	1956- 1960, average	1959	1960	1961 (prel.)
Supply.....	1,467,748	1,410,297	1,738,052	2,274,275	2,429,182	2,679,022	(1)
Stocks, July 1, total.....	446,028	222,373	646,215	1,086,455	1,295,090	1,313,518	1,412,178
On farms.....	120,059	61,787	72,526	77,856	114,937	95,935	136,937
Interior mills, elevator and warehouse stocks.....	78,484	51,016	221,575	<sup>2</sup> 567,472	<sup>2</sup> 695,241	<sup>2</sup> 742,156	<sup>2</sup> 1,204,682
Terminal market.....	135,872	73,753	239,845	353,281	403,845	411,976	(2)
Merchant mills.....	<sup>3</sup> 81,717	32,001	59,107	(2)	(2)	(2)	(2)
Commodity Credit Corp. <sup>4</sup> .....	23,896	3,816	53,162	87,845	81,067	63,451	70,559
New crop.....	984,580	1,184,740	1,077,261	1,179,392	1,126,682	1,367,272	1,234,705
Imports <sup>5</sup> .....	37,140	3,184	14,576	8,428	7,410	8,232	(1)
Disappearance.....	1,078,649	1,127,967	965,127	1,112,068	1,115,226	1,266,844	(1)
Food.....	478,314	479,727	473,961	481,017	482,706	487,824	(1)
Seed.....	73,559	88,537	75,845	62,834	64,068	64,372	(1)
Military procurement.....	69,034	117,477	12,093	7,814	6,525	6,433	(1)
Feed and industry.....	359,315	190,515	75,010	43,980	49,804	44,236	(1)
Exports and shipments.....	98,427	305,910	328,219	516,923	512,123	604,279	(1)
Old-crop carryover <sup>6</sup> .....	389,099	282,330	772,924	1,162,193	1,313,956	1,412,178	(1)

<sup>1</sup> Not available.

<sup>2</sup> Beginning Oct. 1, 1957, "Merchant mills" and beginning Jan. 1, 1960, "Terminal market" included with "Interior mills, elevator and warehouse stocks."

<sup>3</sup> Estimated total based on Bureau of Census item, "In mills and mill elevators attached to mills," 1941-1944.

<sup>4</sup> Owned or controlled by CCC in storage or in transit to ports; other CCC wheat included in other categories.

<sup>5</sup> Imports comprise full duty wheat, wheat imported for feed, and dutiable flour and other wheat products in terms of wheat. Compiled from reports of the Bureau of the Census.

<sup>6</sup> For individual items, see "Stocks," above.

Source: Department of Agriculture, Statistical Reporting Service, annual report, *Agricultural Statistics*; and Economic Research Service, annual report, *The Wheat Situation*.

## No. 909. WHEAT FLOUR PRODUCTION, BY STATES: 1945 TO 1961

[In thousands of 100-pound sacks. Figures represent total wheat flour production of all commercial mill (excluding custom). Beginning 1954, estimates based on monthly reports of mills with daily capacity over 400 sacks]

STATE	1945	1950	1955	1956	1957	1958	1959	1960	1961
U.S.....	1,274,400	224,899	225,648	229,758	238,888	246,155	250,568	255,141	260,316
California.....	4,945	4,607	5,741	5,826	5,875	5,815	6,279	6,520	6,533
Colorado.....	4,266	3,765	4,051	4,140	4,235	4,227	4,454	4,106	4,033
Illinois.....	14,741	12,434	14,912	14,466	15,137	15,798	15,882	16,847	17,282
Indiana.....	3,671	3,096	3,144	3,145	3,487	3,849	4,194	4,511	4,753
Iowa.....	4,407	3,125	4,325	4,400	4,558	4,824	5,029	5,590	6,231
Kansas.....	40,429	35,007	30,035	30,657	32,073	35,358	38,968	40,192	42,395
Michigan.....	4,065	4,276	5,834	5,578	5,734	5,816	6,206	6,318	6,201
Minnesota.....	35,139	27,893	26,108	25,530	26,725	26,830	26,201	26,148	26,317
Missouri.....	22,850	20,320	19,584	20,402	20,181	20,113	20,780	20,883	20,243
Montana.....	3,426	3,129	3,366	2,770	2,823	2,849	2,729	2,702	2,826
Nebraska.....	7,327	5,690	6,403	6,344	6,656	7,237	7,167	7,181	7,631
New York.....	32,028	27,011	25,638	23,096	29,238	29,652	28,479	27,877	28,445
North Dakota.....	4,089	2,701	2,866	2,932	3,156	3,438	3,389	3,441	3,769
Ohio.....	9,701	9,629	10,584	10,459	10,820	10,827	11,029	11,515	11,762
Oklahoma.....	12,037	10,483	9,871	9,800	10,442	9,612	9,806	9,296	9,345
Oregon.....	7,617	4,631	6,434	6,776	7,057	7,844	6,910	6,810	6,273
Texas.....	18,888	13,446	12,217	13,180	14,057	14,235	14,654	15,145	16,348
Utah.....	3,344	3,811	4,811	5,376	5,743	5,492	5,990	5,705	5,794
Washington.....	13,216	9,118	9,534	9,406	9,661	10,184	9,951	10,199	9,980
Other States.....	23,618	20,727	20,204	20,475	21,830	22,155	22,956	24,146	24,165

<sup>1</sup> Includes 4,596,000 sacks not distributed by State.

Source: Department of Commerce, Bureau of the Census. Monthly data are published in *Current Industrial Reports*, Series M20A.

## No. 910. WHEAT—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1950 TO 1961

[Pounds per bushel, 60]

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE <sup>1</sup>		FARM VALUE	
	1950-1959, avg.	1960	1961 (prel.)	1950-1959, avg.	1960	1961 (prel.)	1950-1959, avg.	1960	1961 (prel.)	1960	1961 (prel.)	1960	1961 (prel.)
	1,000 acres	1,000 acres	1,000 acres	Bu.	Bu.	Bu.	1,000 bu.	1,000 bu.	1,000 bu.	Dol. per bu.	Dol. per bu.	\$1,000	\$1,000
<b>U.S.</b>	56,245	51,896	61,620	19.7	26.2	23.9	1,094,770	1,357,272	1,234,705	1.75	1.84	2,368,414	2,269,670
<b>M.A.:</b>													
N.Y.	349	246	244	30.4	30.0	33.5	10,467	7,380	8,174	1.80	1.80	13,284	14,713
N.J.	62	45	42	28.2	33.0	32.5	1,096	1,485	1,865	1.82	1.75	2,703	2,389
Pa.	693	535	524	25.7	29.5	30.0	17,504	15,782	15,720	1.66	1.70	26,198	26,724
<b>E.N.C.:</b>													
Ind.	1,752	1,428	1,457	25.2	35.0	31.0	44,028	49,980	45,167	1.68	1.80	83,906	81,301
Ill.	1,362	1,229	1,290	28.3	33.0	35.0	35,489	40,557	45,150	1.67	1.75	67,780	79,012
Mich.	1,702	1,577	1,703	28.8	29.0	35.0	45,049	45,733	61,308	1.74	1.80	79,575	110,354
Wis.	1,153	1,068	1,111	29.3	31.5	35.0	33,571	33,642	39,996	1.75	1.70	58,874	67,993
	66	51	58	26.6	32.7	34.8	1,738	1,606	2,016	1.74	1.80	2,806	3,629
<b>W.N.C.:</b>													
Minn.	872	946	1,022	20.0	27.4	24.0	17,188	25,966	24,560	1.89	2.12	49,098	51,997
Iowa.	153	119	115	22.6	24.7	26.2	3,453	2,936	3,008	1.77	1.82	5,184	5,463
Mo.	1,470	1,821	1,413	25.0	28.5	30.5	37,089	37,648	43,096	1.72	1.75	64,755	75,418
N. Dak.	8,015	6,440	5,755	14.6	19.8	11.9	112,879	127,500	68,438	1.82	2.26	232,257	154,867
S. Dak.	2,777	2,372	2,260	12.7	19.4	14.4	34,108	46,129	32,545	1.79	2.05	82,632	66,814
Neb.	3,534	3,011	3,220	22.7	28.5	24.5	79,438	85,712	78,807	1.73	1.80	148,293	141,853
Kans.	10,211	10,329	10,329	17.7	28.5	26.5	181,363	294,376	273,718	1.75	1.80	515,158	492,692
<b>S.A.:</b>													
Del.	40	25	23	23.4	31.0	28.0	905	775	644	1.66	1.70	1,286	1,095
Md.	208	149	142	23.3	29.0	26.0	4,721	4,321	3,692	1.64	1.65	7,066	6,092
Va.	308	256	248	22.8	26.0	27.5	6,864	6,656	6,820	1.76	1.80	11,715	12,276
W. Va.	44	27	25	22.2	27.0	24.0	954	729	600	1.78	1.80	1,293	1,080
N.C.	367	327	392	21.4	23.0	29.0	7,844	7,684	11,368	1.79	1.75	13,754	19,894
S.C.	162	126	140	21.2	23.0	26.5	3,108	2,898	3,710	1.82	1.80	5,274	6,078
Ge.	113	84	94	18.8	24.0	27.0	2,103	2,016	2,538	1.81	1.75	3,649	4,442
<b>E.S.C.:</b>													
Ky.	216	165	175	21.2	29.0	27.0	4,526	4,785	4,725	1.74	1.75	8,326	8,269
Tenn.	208	137	143	18.4	24.0	26.0	3,796	3,288	3,848	1.77	1.75	5,820	6,734
Ala.	49	48	56	20.6	25.0	26.0	1,027	1,200	1,456	1.73	1.75	2,076	2,548
Miss.	44	37	42	24.0	30.5	28.0	970	1,128	1,170	1.71	1.75	1,923	2,958
<b>W.S.C.:</b>													
Ark.	82	133	162	20.7	32.0	30.5	1,793	4,256	4,941	1.74	1.75	7,405	8,647
La.	243	32	35	18.2	26.0	24.0	733	832	840	1.71	1.70	1,423	1,425
Okl.	4,489	4,665	4,618	14.7	26.0	24.0	67,832	121,290	110,832	1.75	1.80	212,258	199,498
Tex.	2,576	3,583	3,600	12.3	22.0	23.0	32,891	78,826	84,870	1.76	1.80	138,734	152,766
<b>Mt.:</b>													
Mont.	4,929	3,053	3,679	19.1	20.1	14.7	92,770	79,397	54,048	1.66	1.88	131,805	101,418
Idaho	1,347	1,105	1,083	31.7	33.9	33.5	42,000	37,441	36,250	1.67	1.80	62,391	65,338
Wyo.	320	241	229	18.9	22.6	20.5	6,003	5,453	4,705	1.65	1.79	8,992	8,424
Colo.	2,232	2,471	2,459	17.1	27.0	23.0	38,854	60,647	56,537	1.67	1.75	111,253	98,957
N. Mex.	158	260	278	10.5	18.0	20.0	1,723	4,680	8,004	1.71	1.80	8,003	14,407
Ariz.	47	22	26	30.0	36.0	43.0	1,550	792	1,118	1.83	1.95	1,449	2,180
Utah	352	230	215	20.5	23.4	20.1	7,125	5,378	4,328	1.67	1.79	8,900	7,741
Nev.	16	14	12	31.0	32.6	29.5	511	457	354	1.70	1.75	776	620
<b>Pac.:</b>													
Wash.	2,338	1,049	1,974	31.2	33.4	28.0	71,774	65,102	55,272	1.80	1.90	117,183	105,016
Oreg.	930	793	796	30.2	33.6	25.4	27,772	26,626	20,204	1.81	1.95	48,193	39,398
Calif.	479	347	337	21.0	23.4	25.9	9,881	8,124	8,737	1.83	2.00	14,873	17,447

<sup>1</sup> Season average price received by farmers. State prices weighted by sales to obtain U.S. prices. Includes an allowance for unredeemed loan and purchase agreement deliveries valued at average rate.

<sup>2</sup> Short-time average.

Source: Department of Agriculture, Statistical Reporting Service; annual summaries, Crop Production and Crop Values.

**No. 911. RYE—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1950 TO 1961**  
 [Pounds per bushel, 56]

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE <sup>1</sup>		FARM VALUE	
	1950-1959, avg.	1960	1961 (prel.)	1950-1959, avg.	1960	1961 (prel.)	1950-1959, avg.	1960	1961 (prel.)	1960	1961 (prel.)	1960	1961 (prel.)
	1,000 acres	1,000 acres	1,000 acres	Bu.	Bu.	Bu.	1,000 bu.	1,000 bu.	1,000 bu.	Dol. per bu.	Dol. per bu.	\$1,000	\$1,000
<b>Total.....</b>	<b>1,674</b>	<b>1,684</b>	<b>1,542</b>	<b>14.2</b>	<b>19.6</b>	<b>17.7</b>	<b>23,907</b>	<b>33,052</b>	<b>27,262</b>	<b>0.88</b>	<b>1.02</b>	<b>29,621</b>	<b>27,833</b>
New York.....	14	18	20	21.2	23.5	25.0	302	423	500	1.07	1.07	453	535
New Jersey.....	11	11	9	20.6	24.0	23.0	234	264	207	1.08	1.11	285	230
Pennsylvania.....	18	15	16	20.2	25.0	25.0	368	375	400	1.10	1.12	412	448
Ohio.....	28	25	27	18.8	23.0	23.0	530	575	621	.95	1.04	546	646
Indiana.....	70	50	66	16.7	22.5	21.9	1,186	1,328	1,386	1.05	1.11	1,394	1,538
Illinois.....	64	63	58	16.0	19.0	22.0	1,050	1,197	1,276	.99	1.04	1,185	1,327
Michigan.....	50	34	33	16.8	19.0	23.0	828	646	759	.91	.99	588	751
Wisconsin.....	50	23	22	13.0	15.5	18.0	634	356	396	1.02	1.09	363	432
Minnesota.....	111	58	74	15.6	21.0	19.0	1,688	1,218	1,406	.85	1.03	1,035	1,448
Iowa.....	11	7	7	16.2	17.0	18.5	183	119	130	.98	1.03	117	134
Missouri.....	48	41	41	14.6	19.0	20.0	724	779	820	.94	1.00	732	820
North Dakota.....	270	303	258	14.8	22.0	13.0	4,113	6,666	3,354	.75	.94	5,000	3,153
South Dakota.....	270	222	202	14.4	23.0	17.5	3,756	5,106	3,535	.80	.96	4,085	3,394
Nebraska.....	170	175	168	11.4	17.0	17.5	1,930	2,075	2,940	.79	.88	2,350	2,587
Kansas.....	84	140	118	12.2	18.0	17.0	1,160	2,520	2,006	.80	.88	2,016	1,765
Delaware.....	14	14	10	16.8	23.0	22.0	237	322	220	1.12	1.24	361	273
Maryland.....	16	18	15	18.0	22.5	21.0	302	405	315	1.10	1.20	446	377
Virginia.....	19	18	18	16.8	19.5	19.5	324	351	351	1.55	1.36	544	477
North Carolina.....	21	18	18	14.0	16.0	19.0	294	288	342	1.66	1.52	478	520
South Carolina.....	13	17	18	12.4	16.0	19.0	161	272	342	1.87	1.71	500	585
Georgia.....	11	23	26	11.4	17.0	19.0	135	391	494	2.02	1.76	790	869
Kentucky.....	24	14	14	15.1	19.0	19.0	356	266	266	1.18	1.24	314	330
Tennessee.....	20	11	10	11.8	15.0	17.0	233	105	170	1.34	1.37	221	233
Oklahoma.....	84	78	66	8.0	12.5	12.0	693	975	792	.89	.92	868	729
Texas.....	26	23	23	9.2	13.5	15.0	240	310	391	.93	.90	288	352
Montana.....	14	37	33	13.6	21.0	15.0	200	777	495	.59	.80	458	306
Idaho.....	5	7	8	19.9	30.0	32.0	107	210	256	1.02	1.08	214	276
Wyoming.....	6	7	6	11.8	12.5	19.0	77	88	114	.77	.74	68	84
Colorado.....	36	70	51	9.4	16.0	16.0	369	1,120	816	.74	.82	820	660
Washington.....	58	114	86	14.0	19.0	20.5	973	2,166	1,763	1.02	1.12	2,209	1,975
Oregon.....	21	21	21	14.5	19.0	19.0	303	399	399	1.16	1.20	403	479

<sup>1</sup> Season average price received by farmers. State prices weighted by sales to obtain U.S. prices. Includes an allowance for unredeemed loan and purchase agreement deliveries valued at average rate.

Source: Department of Agriculture, Statistical Reporting Service; annual summaries, *Crop Production* and *Crop Values*.

**No. 912. RICE, ROUGH—PRODUCTION, DOMESTIC DISAPPEARANCE, EXPORTS, IMPORTS, AND STOCKS: 1931 TO 1961**

[In thousands of hundredweight. For years beginning August 1]

YEARLY AVERAGE OR YEAR	Production	Domestic disappearance <sup>1</sup>	Exports <sup>12</sup>	Imports <sup>12</sup>	Stocks, end of year
1931-1935.....	18,214	17,238	2,461	723	1,947
1936-1940.....	23,790	20,722	4,101	1,251	3,859
1941-1945.....	28,671	20,154	8,450	93	1,507
1946-1950.....	37,147	22,609	13,823	188	2,367
1951-1955.....	53,509	26,339	20,967	314	14,484
1956-1960.....	49,105	26,880	26,882	373	15,233
1945.....	30,718	19,615	11,409	127	1,255
1950.....	38,840	25,752	13,167	787	4,519
1955.....	55,969	29,100	18,668	194	34,618
1956.....	49,503	27,000	37,548	386	20,103
1957.....	42,954	26,300	18,315	237	18,169
1958.....	44,775	26,100	19,740	164	15,609
1959.....	53,669	28,000	29,233	790	12,144
1960 (prel.).....	54,623	27,000	29,563	288	10,079
1961 (prel.).....	53,659	27,498	30,000	300	6,540

<sup>1</sup> Includes Alaska, Hawaii, and Puerto Rico.

<sup>2</sup> Compiled from reports of the Department of Commerce.

Source: Department of Agriculture, Economic Research Service.

**No. 913. RICE, ROUGH—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1950 TO 1961**

STATE	ACREAGE HARVESTED (1,000 acres)			YIELD PER ACRE (pounds)			PRODUCTION (1,000 cwt.)			PRICE <sup>1</sup> (dol. per cwt.)		FARM VALUE (\$1,000)	
	1950- 1959, avg.	1960	1961 (prel.)	1950- 1959, avg.	1960	1961 (prel.)	1950- 1959, avg.	1960	1961 (prel.)	1960	1961 (prel.)	1960	1961 (prel.)
<b>Total</b> .....	<b>1,808</b>	<b>1,594.8</b>	<b>1,588.9</b>	<b>2,802</b>	<b>3,423</b>	<b>3,376</b>	<b>49,683</b>	<b>54,591</b>	<b>53,636</b>	<b>4.55</b>	<b>4.97</b>	<b>248,445</b>	<b>266,531</b>
Mo.....	3.7	3.8	3.9	2,808	3,400	3,300	106	129	129	4.39	5.00	506	645
Miss.....	41	44	44	2,705	2,950	3,350	1,108	1,298	1,474	4.88	5.20	6,334	7,065
Ark.....	430	384	384	2,688	3,525	3,500	11,365	13,586	13,440	4.41	5.10	50,094	68,544
La.....	531	458	458	2,402	2,850	2,950	12,515	13,053	13,511	4.60	5.15	58,738	69,682
Tex.....	484	417	409	2,798	3,075	2,800	13,331	12,823	11,452	4.85	5.25	62,192	60,123
Calif.....	318	288	290	3,675	4,775	4,700	11,237	13,732	13,630	4.43	4.40	60,021	59,972

<sup>1</sup> See footnote 1, table 911.
**No. 914. SORGHUMS FOR GRAIN—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1950 TO 1961**

(Pounds per bushel, 56)

STATE	ACREAGE HARVESTED (1,000 acres)			YIELD PER ACRE (bushels)			PRODUCTION (1,000 bushels)			PRICE <sup>1</sup> (dol. per bu.)		FARM VALUE (\$1,000)	
	1950- 1959, avg.	1960	1961 (prel.)	1950- 1959, avg.	1960	1961 (prel.)	1950- 1959, avg.	1960	1961 (prel.)	1960	1961 (prel.)	1960	1961 (prel.)
<b>Total</b> .....	<b>11,594</b>	<b>15,592</b>	<b>11,026</b>	<b>23.8</b>	<b>39.8</b>	<b>43.8</b>	<b>298,968</b>	<b>619,867</b>	<b>482,615</b>	<b>0.84</b>	<b>0.96</b>	<b>514,743</b>	<b>459,359</b>
Indiana.....	8	24	13	38.8	53.0	59.0	425	1,272	767	.81	.84	1,030	644
Illinois.....	6	14	7	50.8	52.0	62.0	305	728	434	.82	.90	597	391
Iowa.....	71	43	15	44.8	55.0	58.0	3,459	2,365	870	.82	.92	1,939	800
Missouri.....	213	452	208	27.2	45.0	47.0	8,270	20,340	9,776	.81	.95	16,475	9,287
South Dakota.....	107	180	142	19.0	36.0	34.0	2,434	6,480	4,828	.75	.87	4,800	4,200
Nebraska.....	778	1,796	1,239	25.3	50.5	50.5	26,203	90,698	62,570	.80	.90	72,558	56,313
Kansas.....	2,995	4,296	2,792	20.5	39.0	40.0	65,857	167,544	111,680	.78	.92	130,684	102,746
Virginia.....	9	8	7	32.1	38.0	37.0	296	304	259	.94	.99	286	256
North Carolina.....	63	84	55	28.2	38.0	37.0	1,783	3,192	2,035	1.02	1.06	3,250	2,157
South Carolina.....	8	7	6	19.0	23.5	28.0	168	164	168	1.20	1.14	197	192
Georgia.....	224	30	21	20.6	24.0	25.0	2,516	720	525	1.09	1.11	785	583
Kentucky.....	224	21	13	37.0	44.0	50.0	2,983	924	650	.93	1.00	859	650
Tennessee.....	28	32	22	24.3	34.0	38.0	780	1,088	836	1.00	1.00	1,088	836
Alabama.....	27	20	14	19.2	24.0	26.0	535	480	304	.99	1.03	475	393
Mississippi.....	17	14	16	21.1	35.0	35.0	454	490	500	.96	1.13	470	633
Arkansas.....	53	19	13	21.5	24.0	27.0	1,286	456	351	.94	1.01	429	355
Louisiana.....	6	6	5	23.8	27.0	28.0	158	162	140	.94	.97	152	136
Oklahoma.....	800	779	553	15.8	30.5	30.5	13,003	23,760	16,866	.80	.96	19,008	16,191
Texas.....	5,499	6,804	5,103	25.6	38.0	45.0	149,134	258,552	229,635	.85	.96	219,769	220,450
Colorado.....	372	380	281	14.0	23.0	32.0	5,768	8,740	8,992	.85	.99	7,429	8,902
New Mexico.....	204	237	190	13.7	39.0	49.0	4,916	9,243	9,310	.87	.98	8,041	9,124
Arizona.....	83	113	115	48.6	58.0	65.0	4,150	6,554	7,475	1.12	1.11	7,340	8,297
California.....	160	233	198	52.6	67.0	69.0	8,910	15,611	13,524	1.09	1.17	17,016	15,823

<sup>1</sup> See footnote 1, table 911.<sup>2</sup> Short-time average.Source of tables 913 and 914: Department of Agriculture, Statistical Reporting Service; annual summaries, *Crop Production and Crop Values*.
**No. 915. CORN FOR GRAIN—PRODUCTION, DOMESTIC DISAPPEARANCE, EXPORTS, IMPORTS, AND STOCKS: 1931 TO 1961**

(In thousands of bushels. For years beginning October 1. Excludes Alaska, Hawaii, and Puerto Rico, except for exports and imports)

YEARLY AVERAGE OR YEAR	Production	Domestic disappearance <sup>1</sup>	Exports <sup>2</sup>	Imports <sup>3</sup>	Stocks, end of year
1931-1935.....	2,012,283	2,015,314	7,321	11,897	247,074
1936-1940.....	2,091,335	1,964,642	54,607	21,652	468,627
1941-1945.....	2,652,763	2,720,676	22,312	2,264	318,575
1946-1950.....	2,808,345	2,595,734	99,703	690	560,737
1951-1955.....	2,814,481	2,610,896	110,582	1,039	875,098
1956-1960.....	3,441,913	3,047,270	227,177	1,260	1,641,540
1960.....	3,908,070	3,395,778	292,122	1,221	2,008,357
1961 (prel.).....	3,624,313	(3)	(3)	(3)	(3)

<sup>1</sup> Total disappearance, minus exports of corn and grain equivalent of corn products.<sup>2</sup> Compiled from reports of the Department of Commerce. Includes grain equivalent of corn products such as cornmeal, flour, starch, sugar, syrup, etc.<sup>3</sup> Not available.

Source: Department of Agriculture, Economic Research Service.

# Corn for Grain

659

## No. 916. CORN FOR GRAIN—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1950 TO 1961

[Pounds per bushel, 56]

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE <sup>1</sup>		FARM VALUE	
	1950-1959, avg.	1960	1961 (prel.)	1950-1959, avg.	1960	1961 (prel.)	1950-1959, avg.	1960	1961 (prel.)	1960	1961 (prel.)	1960	1961 (prel.)
U.S.	1,000 acres	1,000 acres	1,000 acres	Bu.	Bu.	Bu.	1,000 bu.	1,000 bu.	1,000 bu.	Dol. per bu.	Dol. per bu.	\$1,000	\$1,000
	68,639	71,649	68,691	44.1	54.5	61.8	3,013,797	3,908,070	3,624,313	1.00	1.07	3,891,847	3,889,685
<b>N.E.:</b>													
Vt.	2	1	1	53.4	62.0	60.0	77	62	60	1.45	1.50	90	90
Mass.	4	2	2	54.9	64.0	62.0	196	128	124	1.45	1.50	186	186
Conn.	4	3	2	53.5	67.0	66.0	218	201	132	1.45	1.50	291	198
<b>M.A.:</b>													
N.Y.	221	211	181	51.2	56.0	63.0	11,360	11,816	11,403	1.22	1.26	14,416	14,368
N.J.	123	108	78	53.4	71.0	74.0	6,605	7,668	5,772	1.27	1.26	9,738	7,273
Pa.	992	923	895	51.0	63.0	67.0	50,475	58,149	59,965	1.22	1.22	70,942	73,157
<b>E.N.C.:</b>													
Ohio	3,319	3,383	2,537	56.4	68.0	74.0	187,624	230,044	187,738	.97	1.01	223,143	189,615
Ind.	4,526	5,152	4,173	56.1	68.0	74.0	254,326	350,336	308,802	.97	1.01	339,826	311,890
Ill.	8,621	9,985	8,288	59.2	68.0	77.0	511,052	678,980	638,176	.99	1.06	672,190	676,467
Mich.	1,484	1,683	1,498	48.4	54.0	68.0	72,444	90,882	101,864	.99	1.03	89,973	104,920
Wis.	1,569	1,736	1,649	59.6	62.5	73.0	94,671	108,500	120,377	1.02	1.06	110,670	127,600
<b>W.N.C.:</b>													
Minn.	4,802	5,845	5,027	50.6	54.0	64.5	244,672	315,630	324,242	.88	1.00	277,754	324,242
Iowa	10,184	12,166	10,098	55.7	63.5	74.0	669,737	772,541	747,252	.96	1.05	741,639	784,615
Mo.	3,570	4,041	2,829	41.4	52.0	62.0	149,124	210,132	175,398	1.04	1.16	218,537	203,462
N. Dak.	409	319	156	24.8	28.0	33.0	10,170	8,932	5,148	.89	1.04	7,949	5,354
S. Dak.	3,166	3,426	2,741	28.9	35.0	36.5	92,263	119,910	100,046	.87	1.00	104,322	100,046
Nebr.	5,874	6,538	5,426	35.0	51.0	51.5	207,142	333,438	279,439	.96	1.10	320,100	307,383
Kans.	1,618	1,725	1,225	29.0	45.5	48.0	47,633	78,488	58,800	.98	1.13	76,918	66,444
<b>S.A.:</b>													
Del.	150	151	119	47.7	62.0	62.0	7,122	9,362	7,378	1.21	1.26	11,328	9,296
Md.	418	425	369	48.4	60.0	60.0	20,233	25,500	22,140	1.19	1.23	30,345	27,232
Va.	754	627	545	39.4	49.0	53.0	29,713	30,723	28,885	1.21	1.25	37,175	36,106
W. Va.	157	98	80	43.4	52.0	53.0	6,659	5,096	4,240	1.32	1.35	6,727	5,724
N.C.	1,939	1,750	1,400	33.4	48.0	48.0	64,253	84,000	67,200	1.14	1.16	95,760	77,952
S.C.	1,013	708	573	21.8	32.5	35.0	21,512	23,010	20,055	1.22	1.24	28,072	24,868
Ga.	2,256	2,043	1,880	21.0	30.5	35.0	46,911	62,312	65,806	1.16	1.17	72,282	76,986
Fla.	340	307	292	19.7	29.0	33.0	6,654	8,903	9,636	1.12	1.09	9,971	10,593
<b>E.S.C.:</b>													
Ky.	1,828	1,529	1,116	38.0	48.0	55.0	70,194	73,392	61,380	1.09	1.15	79,997	70,587
Tenn.	1,639	1,354	1,056	30.6	39.0	43.0	49,551	52,806	45,408	1.12	1.18	59,143	53,581
Ala.	2,059	1,705	1,381	22.2	26.0	35.0	44,916	44,330	48,335	1.13	1.16	50,093	56,069
Miss.	1,540	1,054	885	24.2	25.5	39.0	36,618	26,877	34,515	1.18	1.18	31,715	40,728
<b>W.S.C.:</b>													
Ark.	688	308	238	23.8	31.5	35.5	15,833	9,068	8,449	1.10	1.17	10,569	9,885
La.	552	335	267	23.5	27.0	37.0	12,746	9,126	9,879	1.19	1.20	10,860	11,855
Okl.	430	206	154	21.1	33.5	35.0	8,926	6,901	5,390	1.07	1.14	7,384	6,145
Tex.	1,861	1,251	1,063	20.9	22.0	30.0	38,502	27,522	31,890	1.14	1.17	31,375	37,311
<b>Mt.:</b>													
Mont.	8	3	3	27.8	48.0	58.0	207	144	174	1.19	1.21	171	211
Idaho	16	21	23	64.0	73.0	79.0	1,058	1,533	1,817	1.30	1.34	1,993	2,435
Wyo.	14	20	20	33.8	51.0	67.0	532	1,020	1,340	1.07	1.16	1,091	1,554
Colo.	274	251	216	35.6	51.5	56.5	9,893	12,926	12,204	1.08	1.19	13,960	14,523
N. Mex.	30	17	15	21.5	39.0	35.0	622	663	525	1.41	1.45	935	761
Ariz.	28	21	20	19.6	16.5	18.0	670	346	360	1.49	1.57	516	565
Utah	4	3	3	51.1	60.0	64.0	204	180	192	1.50	1.54	270	296
<b>Pac.:</b>													
Wash.	22	52	35	70.9	83.0	85.0	1,681	4,316	2,975	1.25	1.37	5,395	4,076
Oreg.	17	33	24	60.6	69.0	68.0	1,050	2,277	1,632	1.37	1.42	3,119	2,317
Calif.	117	130	108	59.4	72.0	72.0	7,742	9,360	7,776	1.38	1.39	12,917	10,809

<sup>1</sup> Season average price received by farmers. State prices weighted by sales to obtain U.S. prices. Includes an allowance for unredeemed loan and purchase agreement deliveries valued at average rate.

Source: Department of Agriculture, Statistical Reporting Service; annual summaries, *Crop Production and Crop Values*.

## No. 917. OATS—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1950 TO 1961

[Pounds per bushel, 32]

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE <sup>1</sup>		FARM VALUE	
	1950-1959, avg.	1960	1961 (prel.)	1950-1959, avg.	1960	1961 (prel.)	1950-1959, avg.	1960	1961 (prel.)	1960	1961 (prel.)	1960	1961 (prel.)
	1,000 acres 35,510	1,000 acres 26,646	1,000 acres 24,077	Bu. 36.3	Bu. 43.4	Bu. 42.1	1,000 bu. 1,281,781	1,000 bu. 1,155,312	1,000 bu. 1,012,855	Ct. per bu. 60	Ct. per bu. 64	\$1,000 694,123	\$1,000 650,703
<b>U.S.</b>													
<b>N.E.:</b>													
Maine	76	46	45	42.8	47.0	47.0	3,251	2,162	2,115	68	73	1,470	1,544
Vt.	18	16	17	38.4	46.0	43.0	692	736	731	90	95	662	694
<b>M.A.:</b>													
N.Y.	698	599	599	44.4	52.0	52.0	30,436	31,148	31,148	73	74	22,738	23,050
N.J.	33	25	21	37.0	36.5	45.0	1,251	912	945	74	72	675	680
Pa.	734	653	620	39.5	42.5	47.0	28,936	27,752	29,140	74	75	20,536	21,855
<b>E.N.C.:</b>													
Ohio	1,118	1,023	737	43.0	63.0	50.0	48,201	64,449	36,850	62	66	39,958	24,321
Ind.	1,168	807	605	40.7	59.0	44.0	47,509	47,613	26,620	61	64	29,044	17,037
Ill.	3,020	1,897	1,066	43.4	51.0	55.0	130,610	95,217	89,936	61	62	53,082	55,760
Mich.	1,194	712	847	39.2	51.0	40.0	46,365	36,312	38,962	61	63	22,150	24,548
Wis.	2,769	2,211	2,322	49.0	47.0	56.0	135,184	103,917	130,032	64	65	60,507	84,521
<b>W.N.C.:</b>													
Minn.	4,026	3,865	3,478	40.6	49.0	46.0	185,321	189,385	159,988	54	60	102,268	95,993
Iowa	5,517	4,100	3,321	38.0	42.0	43.5	208,403	172,200	144,464	60	65	103,320	93,992
Mo.	1,101	499	479	29.6	35.0	35.0	33,940	17,465	16,765	65	67	11,352	11,233
N. Dak.	1,863	1,974	1,263	28.7	33.5	23.0	53,580	66,129	29,049	44	56	29,097	16,297
S. Dak.	3,224	2,704	2,515	28.2	41.0	34.0	91,766	110,864	85,510	61	57	50,541	45,741
Nebr.	1,905	1,213	1,067	24.8	35.5	32.0	46,702	43,062	34,144	58	62	24,976	21,169
Kans.	908	422	549	24.4	34.0	31.0	22,448	14,348	17,019	64	67	9,183	11,403
<b>S.A.:</b>													
Del.	8	6	5	35.2	47.0	43.0	282	282	215	70	68	197	146
Md.	59	52	49	37.6	44.0	43.5	2,230	2,288	2,132	72	69	1,647	1,450
Va.	121	90	91	35.2	40.0	43.0	4,396	3,600	3,913	73	71	2,628	2,773
W. Va.	34	26	23	34.4	41.0	37.5	1,163	1,066	862	80	81	853	698
N.C.	353	237	277	33.6	34.5	40.5	12,963	8,176	11,218	79	68	6,459	7,628
S.C.	449	241	246	28.2	29.5	36.0	13,561	7,110	8,856	78	76	5,546	6,731
Ga.	375	171	176	30.0	37.5	43.0	11,165	6,412	7,568	82	77	5,253	5,827
Fla.	26	14	14	24.5	32.0	34.0	1,639	448	476	63	80	417	409
<b>E.S.C.:</b>													
Ky.	68	50	45	29.2	37.0	36.0	2,042	1,850	1,620	73	69	1,350	1,118
Tenn.	183	100	100	25.6	35.0	38.0	5,452	3,500	3,800	79	77	2,765	2,926
Ala.	108	85	85	29.6	35.0	38.0	3,253	2,975	3,230	80	79	2,380	2,552
Miss.	236	160	179	35.6	48.0	43.0	8,638	7,680	7,697	74	69	5,683	5,080
<b>W.S.C.:</b>													
Ark.	245	112	115	33.9	48.0	44.0	8,651	5,376	5,060	70	70	3,763	3,542
La.	72	40	40	29.6	35.0	37.0	2,191	1,400	1,480	80	74	1,120	1,095
Okla.	553	447	469	21.2	29.0	29.5	12,777	12,963	13,836	64	64	8,286	8,855
Tex.	1,160	942	1,074	22.0	26.0	27.0	26,202	24,492	28,908	71	69	17,359	20,009
<b>Mt.:</b>													
Mont.	262	251	148	33.9	30.0	34.0	8,905	7,530	5,032	57	64	4,292	3,220
Idaho	192	161	138	46.0	44.0	45.5	8,824	7,084	6,279	70	70	4,959	4,595
Wyo.	120	92	90	31.6	31.0	33.0	3,784	2,852	2,970	69	67	1,993	1,990
Colo.	146	137	112	31.6	38.5	37.5	4,616	5,274	4,200	71	70	3,745	2,940
N. Mex.	17	12	12	26.2	34.0	39.0	427	408	468	77	82	314	384
Ariz.	9	9	8	47.2	40.0	50.0	437	360	400	94	92	338	308
Utah	37	26	20	47.0	46.0	44.0	1,714	1,196	880	83	78	993	636
Nev.	5	2	2	42.5	43.0	42.0	216	86	84	85	77	73	65
<b>Pac.:</b>													
Wash.	163	117	121	46.8	41.5	44.0	7,614	4,856	5,324	74	71	3,593	3,780
Oreg.	280	175	192	34.3	41.5	37.0	9,772	7,262	7,104	75	73	5,446	5,195
Calif.	185	155	155	32.1	33.0	37.0	5,951	5,115	5,785	80	72	4,092	4,129

<sup>1</sup> Season average price received by farmers. State prices weighted by sales to obtain U.S. prices. Includes an allowance for unredeemed loan and purchase agreement deliveries valued at average rate.

Source: Department of Agriculture, Statistical Reporting Service; annual summaries, *Crop Production and Crop Values*.

# No. 918. BARLEY—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1950 TO 1961

[Pounds per bushel, 48]

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE <sup>1</sup>		FARM VALUE	
	1950-1959, avg.	1960	1961 (prel.)	1950-1959, avg.	1960	1961 (prel.)	1950-1959, avg.	1960	1961 (prel.)	1960	1961 (prel.)	1960	1961 (prel.)
U.S. ....	1,000 acres 12,232	1,000 acres 13,939	1,000 acres 12,969	Bu. 28.6	Bu. 30.9	Bu. 30.3	1,000 bu. 353,737	1,000 bu. 431,309	1,000 bu. 393,384	Dol. per bu. 0.84	Dol. per bu. 0.97	\$1,000 337,299	\$1,000 372,388
<b>M.A.:</b>													
N.Y. ....	57	26	22	34.4	34.0	39.0	1,970	884	858	.97	.96	857	824
N.J. ....	22	24	25	38.5	49.0	47.0	835	1,176	1,175	.97	.92	1,141	1,081
Pa. ....	194	168	180	36.9	42.0	43.0	7,239	7,056	7,740	.92	.88	6,492	6,811
<b>E.N.C.:</b>													
Ohio ....	64	54	52	32.6	43.0	43.0	2,177	2,322	2,236	.81	.80	1,881	1,789
Ind. ....	54	49	50	29.2	35.0	38.0	1,652	1,715	1,900	.81	.77	1,389	1,463
Ill. ....	81	66	69	29.9	33.0	37.0	2,456	2,178	2,552	.77	.81	1,677	2,068
Mich. ....	89	69	67	33.3	34.0	39.0	2,982	2,346	2,613	.77	.77	1,806	2,012
Wis. ....	98	33	31	37.8	35.5	45.0	3,648	1,172	1,395	.90	1.07	1,055	1,493
<b>W.N.C.:</b>													
Minn. ....	1,073	892	910	27.6	33.5	30.0	29,450	29,882	27,300	.82	1.10	24,503	30,030
Iowa ....	27	29	26	29.8	32.0	39.0	821	928	1,014	.76	.77	705	781
Mo. ....	250	136	140	26.0	33.0	35.0	6,677	4,488	4,900	.80	.82	3,590	4,018
N. Dak. ....	2,951	3,456	2,386	22.6	24.5	18.0	67,172	84,672	42,948	.71	.96	60,117	41,230
S. Dak. ....	601	498	493	19.1	30.0	24.0	11,494	14,940	11,832	.73	.90	10,906	10,649
Nebr. ....	226	225	225	20.6	29.0	28.0	4,677	6,525	6,300	.71	.79	4,633	4,977
Kans. ....	455	730	840	19.2	26.0	31.0	9,840	18,980	26,040	.71	.77	13,476	20,051
<b>S.A.:</b>													
Del. ....	13	16	15	33.4	40.0	42.0	431	640	630	.89	.84	570	529
Md. ....	82	94	93	35.4	43.0	40.0	2,914	4,042	3,720	.90	.78	3,638	2,902
Va. ....	103	115	120	35.1	40.0	43.5	3,637	4,600	5,220	.96	.91	4,416	4,750
W. Va. ....	13	11	10	33.4	41.0	30.5	421	451	395	1.12	1.04	505	451
N.C. ....	54	62	74	31.6	34.0	41.0	1,735	2,108	3,034	1.02	.90	2,150	2,731
S.C. ....	26	24	28	26.4	28.5	38.0	691	684	1,064	1.03	.93	705	990
Ga. ....	8	9	11	26.0	31.0	38.0	222	279	418	1.10	1.02	307	426
<b>E.S.C.:</b>													
Ky. ....	86	72	75	26.9	35.0	34.0	2,339	2,520	2,550	.88	.82	2,218	2,091
Tenn. ....	71	37	40	20.5	26.0	29.0	1,440	962	1,160	.93	.92	895	1,067
<b>W.S.C.:</b>													
Ark. ....	21	16	25	22.4	32.0	29.5	478	512	738	.84	.85	430	627
Okla. ....	250	604	770	17.6	24.0	25.0	5,154	15,936	19,250	.73	.80	11,633	15,400
Tex. ....	180	405	421	17.4	23.5	24.0	3,549	9,518	10,104	.79	.80	7,519	8,083
<b>MT.:</b>													
Mont. ....	1,115	1,704	1,465	28.2	23.5	18.0	31,677	40,044	26,370	.66	.84	26,429	22,151
Idaho ....	491	561	589	33.8	29.5	32.5	16,596	16,550	19,142	.89	.96	14,730	18,376
Wyo. ....	117	96	103	30.4	32.0	31.0	3,551	3,072	3,193	.88	.95	2,703	3,033
Colo. ....	415	545	518	25.6	33.0	33.5	10,753	17,985	17,353	.75	.83	13,489	14,403
N. Mex. ....	23	40	45	31.2	43.0	45.0	733	1,720	2,025	.90	.97	1,548	1,904
Ariz. ....	152	150	165	57.9	67.0	68.0	8,803	10,050	11,220	1.11	1.07	11,156	12,005
Utah ....	151	147	141	44.0	43.5	43.0	6,043	6,394	6,063	1.00	.99	6,394	6,002
Nev. ....	17	12	9	37.8	37.0	37.0	638	444	333	1.12	1.15	497	383
<b>Pac.:</b>													
Wash. ....	470	601	714	35.7	36.5	40.0	16,683	24,126	28,560	.85	.95	20,507	27,132
Oreg. ....	465	457	484	35.2	36.0	33.5	16,331	16,452	16,214	1.03	1.06	16,946	17,187
Calif. ....	1,703	1,586	1,538	38.0	46.0	48.0	64,917	72,956	73,824	1.01	1.09	73,686	80,468

<sup>1</sup> Season average price received by farmers. State prices weighted by sales to obtain U.S. prices. Includes an allowance for unredeemed loan and purchase agreement deliveries valued at average rate.

Source: Department of Agriculture, Statistical Reporting Service; annual summaries, *Crop Production* and *Crop Values*.

## No. 919. ALL HAY—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1950 TO 1961

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE <sup>1</sup>		FARM VALUE	
	1950-1959, avg.	1960	1961 (prel.)	1950-1959, avg.	1960	1961 (prel.)	1950-1959, avg.	1960	1961 (prel.)	1960	1961 (prel.)	1960	1961 (prel.)
	1,000 acres	1,000 acres	1,000 acres	Short tons	Short tons	Short tons	1,000 short tons	1,000 short tons	1,000 short tons	Dol. per ton	Dol. per ton	\$1,000	\$1,000
U.S. <sup>2</sup> .....	73,006	67,246	67,085	1.52	1.76	1.74	110,769	118,236	116,632	21.60	20.70	2,409,626	2,379,354
<b>N.E.:</b>													
Maine.....	580	479	448	1.16	1.28	1.20	672	611	578	22.80	22.50	13,931	13,005
N.H.....	247	196	183	1.32	1.47	1.44	325	289	263	29.10	28.00	8,410	7,364
Vt.....	805	734	716	1.47	1.61	1.68	1,180	1,185	1,201	27.30	26.00	32,380	31,226
Mass.....	266	220	209	1.63	1.79	1.83	433	383	383	33.80	33.60	13,317	12,830
R.I.....	23	21	20	1.78	2.00	2.00	40	42	40	34.80	34.00	1,462	1,360
Conn.....	215	176	172	1.79	1.88	1.84	384	330	317	36.30	36.00	11,979	11,412
<b>M.A.:</b>													
N.Y.....	3,145	2,965	2,909	1.75	1.97	2.06	5,495	5,844	5,978	21.20	21.50	123,893	128,527
N.J.....	229	198	196	1.94	2.16	2.24	443	428	439	31.70	28.60	13,568	12,512
Pa.....	2,190	2,087	2,099	1.60	1.91	1.96	3,400	3,991	4,123	24.30	24.00	96,981	98,952
<b>E.N.C.:</b>													
Ohio.....	2,369	1,931	1,999	1.62	1.82	1.92	3,824	3,515	3,820	21.90	22.00	76,978	84,238
Ind.....	1,690	1,361	1,308	1.63	1.87	1.86	2,740	2,546	2,646	20.20	20.00	51,429	50,920
Ill.....	2,592	2,171	2,042	1.86	2.16	2.10	4,783	4,682	4,207	19.50	19.00	91,299	81,643
Mich.....	2,204	1,820	1,726	1.58	1.84	1.83	3,480	3,353	3,164	17.50	18.50	58,678	58,534
Wis.....	3,957	3,885	3,865	2.07	2.55	2.38	8,188	9,891	9,198	17.10	18.00	169,136	165,564
<b>W.N.C.:</b>													
Minn.....	3,764	3,510	3,907	1.84	2.16	1.90	6,900	7,589	7,001	16.00	17.50	128,254	133,018
Iowa.....	3,794	3,513	3,362	1.90	2.29	2.23	7,180	8,037	7,482	14.50	15.50	116,536	115,971
Mo.....	3,150	2,822	2,905	1.33	1.57	1.70	4,188	4,417	4,040	19.10	19.00	84,365	94,031
N.Dak.....	3,769	3,887	4,290	1.02	1.11	0.81	3,826	4,298	3,495	14.30	17.50	61,461	61,162
S.Dak.....	5,176	4,871	4,361	0.88	1.03	0.89	4,574	5,019	3,888	16.10	17.00	80,806	66,096
Nebr.....	5,272	4,922	4,817	1.17	1.36	1.24	6,149	6,685	5,962	15.00	16.00	100,275	95,392
Kans.....	2,236	2,064	2,037	1.52	2.02	2.01	3,368	4,163	4,103	17.70	17.00	73,685	69,751
<b>S.A.:</b>													
Del.....	57	44	43	1.49	1.70	1.84	85	75	79	24.80	24.50	1,860	1,936
Md.....	434	385	390	1.60	2.04	2.04	695	784	795	25.80	26.00	20,227	20,670
Va.....	1,324	1,204	1,238	1.20	1.53	1.64	1,672	1,843	2,028	31.30	31.00	57,686	62,568
W.Va.....	780	650	646	1.31	1.41	1.48	958	916	955	27.20	26.50	24,915	25,308
N.C.....	1,081	747	731	1.07	1.19	1.26	1,149	888	920	20.80	28.50	26,462	26,220
S.C.....	538	345	334	0.93	1.12	1.27	490	385	423	30.80	31.00	11,888	13,113
Ga.....	793	457	484	0.86	1.24	1.35	639	555	652	27.90	26.50	15,704	17,278
Fla.....	109	95	98	1.20	1.51	1.60	132	143	163	31.20	32.00	4,462	5,216
<b>E.S.C.:</b>													
Ky.....	1,716	1,687	1,639	1.32	1.46	1.57	2,265	2,456	2,569	23.40	22.50	57,470	57,802
Tenn.....	1,502	1,313	1,330	1.15	1.29	1.38	1,721	1,719	1,831	25.60	24.50	44,066	44,860
Ala.....	693	503	499	0.95	1.13	1.24	654	568	617	26.00	25.50	14,768	15,734
Miss.....	716	620	628	1.21	1.28	1.42	868	793	891	23.90	22.00	18,953	19,602
<b>W.S.C.:</b>													
Ark.....	939	713	711	1.11	1.23	1.36	1,031	874	968	21.20	20.50	18,529	19,844
La.....	386	376	370	1.31	1.41	1.59	507	532	589	23.40	23.00	12,449	13,547
Okl.....	1,466	1,334	1,349	1.22	1.59	1.60	1,772	2,120	2,163	19.60	18.50	41,552	40,471
Tex.....	1,068	1,810	1,869	1.09	1.20	1.39	1,821	2,166	2,424	22.90	22.50	49,601	54,540
<b>Mt.:</b>													
Mont.....	2,358	2,207	2,029	1.22	1.31	1.25	2,881	2,900	2,527	24.60	24.50	71,340	61,912
Idaho.....	1,162	1,200	1,229	2.44	2.44	2.46	2,849	3,931	3,022	22.40	21.50	65,654	64,973
Wyo.....	1,110	1,079	1,106	1.22	1.12	1.27	1,360	1,213	1,406	26.20	24.00	31,781	33,744
Colo.....	1,440	1,500	1,560	1.68	1.81	1.90	2,420	2,712	2,960	24.10	22.00	65,359	65,120
N. Mex.....	215	217	235	2.40	3.01	3.08	517	653	723	26.30	23.50	17,174	16,990
Ariz.....	257	275	277	3.08	4.31	4.36	791	1,184	1,209	25.10	23.50	29,718	28,412
Utah.....	565	556	547	2.27	2.23	2.35	1,283	1,260	1,287	20.40	25.50	33,264	32,818
Nev.....	364	308	296	1.68	1.76	1.77	610	541	523	27.00	24.00	14,607	12,552
<b>Pac. <sup>2</sup>:</b>													
Wash.....	809	810	812	2.00	2.03	2.22	1,622	1,645	1,800	22.10	21.00	36,354	37,800
Oreg.....	1,003	1,003	979	1.83	1.62	1.97	1,835	1,922	1,930	23.10	22.00	44,398	42,460
Calif.....	1,898	1,945	1,935	3.42	3.67	3.79	6,478	7,139	7,342	23.90	20.50	170,622	160,511

<sup>1</sup> Season average price received by farmers for hay sold baled. State prices weighted by sales to obtain U.S. price.

<sup>2</sup> Excludes Alaska and Hawaii.

Source: Department of Agriculture, Statistical Reporting Service; annual summaries, *Crop Production and Crop Values*.



# No. 920. TOBACCO—PRODUCTION, DOMESTIC DISAPPEARANCE, EXPORTS, IMPORTS, AND STOCKS: 1931 TO 1961

[In millions of pounds. Excludes Alaska, Hawaii, and Puerto Rico, except for exports and imports. Farm-sales-weight basis]

YEARLY AVERAGE OR CROP YEAR <sup>1</sup>	Production	Domestic disappearance <sup>2</sup>	Exports	Imports <sup>3</sup>	Stocks, end of year
1931-1935.....	1,268	759	456	61	2,227
1936-1940.....	1,492	927	402	74	2,415
1941-1945.....	1,604	1,283	432	75	2,543
1946-1950.....	2,080	1,411	531	87	3,014
1951-1955.....	2,217	1,471	552	108	3,753
1956-1960.....	1,804	1,408	538	144	3,976
1945.....	1,991	1,334	594	76	2,453
1950.....	2,030	1,452	523	94	3,144
1955.....	2,193	1,410	648	115	4,112
1956.....	2,176	1,373	556	122	4,359
1957.....	1,668	1,393	528	126	4,106
1958.....	1,737	1,388	535	152	3,920
1959.....	1,796	1,425	503	157	3,788
1960.....	1,944	1,462	567	164	3,703
1961 (prel.).....	2,023	(4)	(4)	(4)	(4)

<sup>1</sup> Flue-cured and cigar wrapper, crop year, July-June; all other types, October-September.

<sup>2</sup> U.S. tobacco only.

<sup>3</sup> Compiled from reports of the Department of Commerce. Declared weight; includes stems, trimmings, and scraps.

<sup>4</sup> Not available.

Source: Department of Agriculture, Economic Research Service.

# No. 921. TOBACCO—ACREAGE, PRODUCTION, AND PRICE, BY STATES: 1950 TO 1961

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE <sup>1</sup>	
	1950-1959, avg.	1960	1961 (prel.)	1950-1959, avg.	1960	1961 (prel.)	1950-1959, avg.	1960	1961 (prel.)	1960	1961 (prel.)
Total...	<i>Acres</i> 1,466,240	<i>Acres</i> 1,141,600	<i>Acres</i> 1,173,800	<i>Lb.</i> 1,418	<i>Lb.</i> 1,703	<i>Lb.</i> 1,723	<i>1,000 pounds</i> 2,048,896	<i>1,000 pounds</i> 1,944,039	<i>1,000 pounds</i> 2,022,831	<i>Ct. per lb.</i> 60.9	<i>Ct. per lb.</i> 63.6
Mass.....	5,420	3,400	2,700	1,640	1,639	1,626	8,903	5,572	4,389	123.0	-----
Conn.....	13,700	8,800	7,800	1,462	1,514	1,457	19,958	13,244	11,420	143.0	-----
Pa.....	20,040	31,000	31,000	1,592	1,700	1,725	47,682	52,700	53,475	28.0	-----
Ohio.....	15,870	13,400	14,600	1,479	1,573	1,629	23,307	21,072	23,780	52.6	<sup>2</sup> 50.8
Ind.....	8,640	7,000	7,600	1,508	1,565	1,800	12,847	10,955	13,680	60.8	63.5
Wis.....	14,570	14,600	13,700	1,428	1,428	1,650	22,165	20,845	22,605	29.5	-----
Mo.....	3,830	2,900	3,100	1,234	1,625	1,550	4,600	4,712	4,805	63.1	62.5
Md.....	44,950	37,500	40,000	841	925	900	37,492	34,688	36,000	63.8	-----
Va.....	114,610	89,300	91,600	1,406	1,596	1,675	158,514	142,550	153,433	58.7	61.9
W. Va.....	2,780	2,500	2,700	1,448	1,485	1,450	4,008	3,712	3,915	63.6	62.0
N. C.....	613,920	467,000	473,600	1,438	1,838	1,782	868,527	858,300	843,895	61.1	65.1
S. C.....	107,900	80,000	81,000	1,509	1,845	1,875	159,300	147,600	151,875	61.5	65.5
Ga.....	91,210	71,300	71,700	1,314	1,839	1,919	117,967	131,139	137,596	59.0	<sup>2</sup> 60.9
Fla.....	22,130	18,700	18,500	1,258	1,570	1,775	27,551	29,361	32,830	92.9	<sup>2</sup> 90.0
Ky.....	281,950	219,500	233,100	1,436	1,600	1,679	399,916	351,279	391,855	61.0	<sup>2</sup> 64.0
Tenn.....	93,670	73,900	80,300	1,462	1,561	1,703	134,984	115,336	136,760	60.7	<sup>2</sup> 61.4
Ark.....	509	<sup>3</sup> 460	<sup>3</sup> 470	1,112	1,530	1,535	551	704	721	53.8	59.3
La.....	282	<sup>3</sup> 320	<sup>3</sup> 330	625	1,000	900	173	320	297	73.0	71.0

<sup>1</sup> Season average price received by farmers. State prices weighted by sales to obtain U.S. prices.

<sup>2</sup> Sufficient sales data were available to estimate a season average price for a large share of the States 1961 production.

<sup>3</sup> Rounded to hundreds for inclusion in United States totals.

Source: Department of Agriculture, Statistical Reporting Service; annual summaries, *Crop Production* and *Crop Values*.

# No. 922. COTTON (EXCLUDING LINTERS)—PRODUCTION, CONSUMPTION, EXPORTS, IMPORTS, PRICES, AND CARRY-OVER: 1931 TO 1961

[In thousands of bales, except average price. For years ending July 31. Excludes Alaska, Hawaii, and Puerto Rico, except for exports and imports. Production figures relate to crop of preceding calendar year and are compiled from reports of individual growers. Price per pound is average price received by growers. For data prior to 1931, see 1949, 1959, and earlier editions of the *Statistical Abstract*. For stocks, see *Historical Statistics, Colonial Times to 1957*, series K 304]

YEARLY AVERAGE OR YEAR	PRODUCTION		Average price per pound upland cotton (cents) <sup>1</sup>	Consumption <sup>2</sup> (running bales)	Net exports of domestic cotton (running bales)	Net imports (equivalent 500-pound bales)	Carry-over (running bales)
	Running bales, counting round as half bales	Equivalent 500-pound bales, gross weight					
1931-1935.....	13, 046	13, 343	8.9	5, 465	7, 244	115	7, 833
1936-1940.....	12, 783	13, 148	9.9	6, 938	5, 305	171	9, 008
1941-1945.....	11, 640	11, 067	17.3	10, 301	1, 372	185	11, 074
1946-1950.....	11, 876	12, 102	29.4	9, 038	3, 929	252	5, 014
1951-1955.....	13, 097	14, 093	35.2	9, 339	3, 977	182	6, 321
1956-1960.....	12, 905	13, 013	31.8	8, 708	5, 100	137	10, 207
1951.....	9, 910	10, 014	39.9	10, 654	4, 108	189	2, 278
1952.....	15, 076	15, 148	37.7	9, 201	5, 519	79	2, 789
1953.....	14, 955	15, 139	34.2	9, 423	3, 048	195	5, 005
1954.....	16, 317	16, 466	32.3	8, 576	3, 761	145	9, 728
1955.....	13, 619	13, 697	33.6	8, 841	3, 447	160	11, 205
1956.....	14, 542	14, 721	32.3	9, 141	2, 214	137	14, 529
1957.....	13, 151	13, 310	31.8	8, 728	7, 598	136	11, 323
1958.....	10, 880	10, 964	29.6	7, 973	5, 717	141	8, 737
1959.....	11, 435	11, 512	33.2	8, 671	2, 789	137	8, 885
1960.....	14, 616	14, 558	31.7	9, 025	7, 182	136	7, 559
1961.....	14, 265	14, 272	30.2	8, 252	6, 632	159	7, 171

<sup>1</sup> Data from Department of Agriculture, Statistical Reporting Service.

<sup>2</sup> Beginning 1951, adjusted to cotton season.

Source: Department of Commerce, Bureau of the Census; annual report, *Cotton Production and Distribution*.

# No. 923. COTTONSEED AND COTTONSEED PRODUCTS—PRODUCTION AND EXPORTS: 1931 TO 1961

[Tons of 2,000 pounds. Cottonseed production relates to preceding crop year; other data relate to 12 months ending July 31. Excludes Alaska, Hawaii, and Puerto Rico, except for exports]

YEARLY AVERAGE OR YEAR	COTTONSEED		COTTONSEED PRODUCTS					
	Production	Used in mills	Production				Exports	
			Oil	Meal and cake	Hulls	Linters	Oil	Meal and cake
	1,000 tons	1,000 tons	1,000 pounds	1,000 tons	1,000 tons	Bales <sup>1</sup>	1,000 pounds	1,000 tons
1931-1935.....	5, 932	4, 474	1, 398, 611	2, 032	1, 229	954, 186	28, 100	97
1936-1940.....	5, 847	4, 653	1, 444, 771	2, 101	1, 195	1, 354, 871	7, 681	26
1941-1945.....	5, 136	4, 223	1, 327, 149	1, 898	1, 019	1, 489, 821	19, 680	1
1946-1950.....	4, 883	4, 296	1, 363, 440	1, 928	1, 001	1, 576, 300	54, 855	50
1951-1955.....	5, 811	5, 253	1, 716, 540	2, 482	1, 163	1, 965, 698	226, 385	66
1956-1960.....	5, 370	4, 945	1, 679, 255	2, 317	1, 119	1, 661, 080	386, 591	87
1951.....	4, 105	3, 723	1, 190, 893	1, 669	857	1, 394, 365	60, 832	12
1952.....	6, 202	5, 476	1, 751, 143	2, 548	1, 234	2, 054, 512	99, 308	44
1953.....	6, 191	5, 563	1, 825, 411	2, 672	1, 199	2, 069, 013	45, 876	30
1954.....	6, 749	6, 256	2, 073, 981	2, 961	1, 388	2, 320, 407	342, 675	67
1955.....	5, 709	5, 249	1, 735, 273	2, 561	1, 139	1, 984, 195	583, 175	177
1956.....	6, 043	5, 588	1, 894, 415	2, 631	1, 249	2, 025, 442	488, 419	215
1957.....	5, 407	4, 959	1, 685, 262	2, 390	1, 073	1, 796, 766	405, 192	36
1958.....	4, 669	4, 247	1, 437, 631	1, 958	966	1, 496, 132	251, 059	11
1959.....	4, 798	4, 439	1, 517, 765	2, 061	1, 029	1, 335, 160	309, 868	6
1960.....	5, 991	5, 401	1, 861, 473	2, 547	1, 257	1, 652, 310	477, 518	105
1961.....	5, 886	5, 352	1, 807, 713	2, 504	1, 217	1, 582, 149	325, 975	64

<sup>1</sup> Prior to 1950, running bales of varying weights; beginning 1950, 600 pound bales.

Source: Department of Commerce, Bureau of the Census; annual report, *Cotton Production and Distribution*.

# No. 924. COTTON AND COTTONSEED—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1950 TO 1961

[Cotton production excludes linters. Values shown are for marketing season or crop year and should not be confused with calendar year income. Yields and prices for period are simple averages of figures for individual years]

YEARLY AVERAGE OR YEAR	COTTON					COTTONSEED			Total farm value
	Acres harvested	Bales (500 pounds gross)	Farm value	Yield per acre	Farm price per pound <sup>1</sup>	Quantity	Farm value	Farm price per ton	
<b>United States:<sup>2</sup></b>	1,000	1,000	\$1,000	Pounds	Cents	1,000 short tons	\$1,000	Dollars	\$1,000
1950-59.....	18,737	13,553	2,278,129	362	33.70	5,589	315,674	57.00	2,593,803
1960.....	15,309	14,272	2,154,165	446	30.19	5,886	249,977	42.50	2,404,142
1961 (prel.).....	15,686	14,304	2,385,751	438	<sup>3</sup> 33.4	45,932	303,499	51.20	2,689,250
<b>Alabama:</b>									
1950-59.....	1,129	755	131,701	336	34.87	302	16,084	53.10	147,785
1960.....	860	756	120,456	421	31.88	351	10,797	35.40	131,253
1961 (prel.).....	910	625	105,625	330	<sup>3</sup> 33.8	<sup>4</sup> 253	11,436	45.20	117,061
<b>Arizona:</b>									
1950-59.....	446	798	138,656	890	35.20	331	19,093	58.00	157,749
1960.....	426	840	132,553	953	31.27	351	17,620	50.20	150,173
1961 (prel.).....	303	825	142,876	1,008	<sup>3</sup> 34.7	<sup>4</sup> 343	18,796	54.80	161,672
<b>Arkansas:</b>									
1950-59.....	1,570	1,314	224,070	414	34.26	540	29,612	55.60	253,682
1960.....	1,320	1,359	206,846	485	30.89	502	23,098	41.10	229,944
1961 (prel.).....	1,360	1,455	250,260	514	<sup>3</sup> 34.4	<sup>4</sup> 608	31,190	51.30	281,450
<b>California:</b>									
1950-59.....	931	1,554	264,116	836	34.28	624	36,687	60.10	300,803
1960.....	946	1,939	299,433	981	30.88	783	40,324	51.50	339,757
1961 (prel.).....	819	1,700	292,434	906	<sup>3</sup> 34.4	<sup>4</sup> 674	37,677	55.90	330,111
<b>Georgia:</b>									
1950-59.....	963	607	196,507	320	34.88	250	13,795	54.60	120,302
1960.....	653	505	80,256	371	31.77	208	7,488	36.00	87,744
1961 (prel.).....	695	515	83,638	356	<sup>3</sup> 32.5	<sup>4</sup> 213	9,628	45.20	93,316
<b>Louisiana:</b>									
1950-59.....	665	582	96,539	409	34.13	230	12,716	54.40	109,255
1960.....	510	501	77,910	470	31.13	209	8,297	39.70	86,216
1961 (prel.).....	545	480	81,120	423	<sup>3</sup> 33.8	<sup>4</sup> 201	10,030	49.90	91,150
<b>Mississippi:</b>									
1950-59.....	1,847	1,579	273,507	417	34.56	646	36,810	57.00	310,317
1960.....	1,520	1,542	239,000	486	31.00	620	25,916	47.80	264,916
1961 (prel.).....	1,500	1,635	275,498	494	<sup>3</sup> 33.7	<sup>4</sup> 677	34,188	50.50	309,686
<b>Missouri:</b>									
1950-59.....	424	368	61,448	421	33.66	157	8,001	52.00	69,449
1960.....	412	472	72,362	548	30.66	201	7,940	39.50	80,302
1961 (prel.).....	388	375	64,125	464	<sup>3</sup> 34.2	<sup>4</sup> 160	7,696	48.10	71,821
<b>New Mexico:</b>									
1950-59.....	221	286	51,532	644	26.33	117	7,260	63.30	58,792
1960.....	201	291	47,513	693	32.72	119	5,248	44.10	52,761
1961 (prel.).....	107	300	53,655	731	<sup>3</sup> 35.8	<sup>4</sup> 124	8,746	54.40	60,401
<b>North Carolina:</b>									
1950-59.....	526	362	62,122	340	34.18	151	8,400	54.60	70,522
1960.....	390	232	36,892	284	31.84	96	3,706	38.60	40,598
1961 (prel.).....	400	280	47,740	336	<sup>3</sup> 34.1	<sup>4</sup> 116	5,382	46.40	53,122
<b>Oklahoma:</b>									
1950-59.....	853	338	51,684	210	30.56	138	7,738	57.30	59,422
1960.....	630	453	63,087	348	27.53	185	7,548	40.80	70,635
1961 (prel.).....	670	360	56,880	258	<sup>3</sup> 31.6	<sup>4</sup> 148	7,504	50.70	64,384
<b>South Carolina:</b>									
1950-59.....	704	527	91,545	327	34.58	222	12,398	54.30	103,943
1960.....	550	414	67,220	360	32.49	169	6,152	36.40	73,372
1961 (prel.).....	585	413	70,004	339	<sup>3</sup> 33.9	<sup>4</sup> 171	7,934	46.40	77,938
<b>Tennessee:</b>									
1950-59.....	636	550	95,921	431	35.03	222	12,018	54.80	107,939
1960.....	512	583	91,512	545	31.40	238	9,025	41.70	101,437
1961 (prel.).....	535	555	95,460	498	<sup>3</sup> 34.4	<sup>4</sup> 228	11,172	49.00	106,632
<b>Texas:</b>									
1950-59.....	7,663	3,910	621,129	260	31.95	1,639	94,079	58.70	715,208
1960.....	6,325	4,346	612,224	329	28.18	1,821	75,207	41.30	687,431
1961 (prel.).....	6,550	4,750	760,470	348	<sup>3</sup> 32.0	<sup>4</sup> 2,001	103,452	51.70	863,922
<b>Other States:<sup>2</sup></b>									
1950-59.....	70	45	7,655	320	33.97	19	984	52.90	8,639
1960.....	54	45	6,892	401	30.75	19	711	38.40	7,603
1961 (prel.).....	49	36	5,016	347	<sup>3</sup> 33.1	<sup>4</sup> 15	663	45.40	6,594

<sup>1</sup> Includes an allowance for unredeemed loans. <sup>2</sup> Excludes Alaska and Hawaii.

<sup>3</sup> Average price to Dec. 1.

<sup>4</sup> Based on 1956-60 average ratio of lint to cottonseed.

Source: Department of Agriculture, Statistical Reporting Service; *Cotton and Cottonseed Production and annual summary, Crop Values.*

# No. 925. SUGAR, BEET AND CANE—PRODUCTION IN THE UNITED STATES, PRINCIPAL AREAS SUPPLYING UNITED STATES, AND WORLD: 1930 TO 1961

[In thousands of tons (raw value). Covers centrifugal only]

YEARLY AVERAGE OR CROP YEAR	U.S. and principal supply- ing areas <sup>1</sup>	UNITED STATES				PRINCIPAL SUPPLYING AREAS			World	PERCENT OF WORLD TOTAL IN—	
		Total	Beet	Cane		Puerto Rico <sup>2</sup>	Repub- lic of the Philip- pines <sup>3</sup>	Cuba		U.S.	U.S. and princi- pal supply- ing areas <sup>1</sup>
				La. and Fla.	Hawaii						
1930-1934-----	7,530	2,673	1,396	235	1,042	896	1,111	2,847	29,820	9.0	25.3
1935-1939-----	8,192	2,971	1,517	474	980	982	1,058	3,183	28,352	10.5	28.9
1940-1944-----	7,016	2,759	1,451	428	880	969	320	3,685	26,014	10.6	29.3
1945-1949-----	10,259	2,831	1,515	455	861	1,143	382	5,897	27,496	10.3	37.3
1950-1954-----	11,929	3,416	1,784	566	1,066	1,232	1,190	6,080	39,141	8.7	30.5
1955-1959-----	12,271	3,670	2,100	572	998	1,083	1,364	6,136	49,244	7.4	24.9
1950-----	12,098	3,569	2,009	564	996	1,238	935	6,348	35,989	9.9	33.6
1951-----	13,413	2,988	1,549	419	1,020	1,372	1,077	7,964	38,604	7.7	34.7
1952-----	11,226	3,209	1,505	605	1,099	1,182	1,134	5,687	37,499	8.0	29.9
1953-----	11,569	3,523	1,816	630	1,077	1,204	1,434	5,398	41,624	8.5	27.8
1954-----	11,341	3,793	2,043	610	1,140	1,165	1,372	5,001	41,989	9.0	27.0
1955-----	11,025	3,413	1,739	574	1,100	1,152	1,218	5,229	43,731	7.8	25.2
1956-----	12,012	3,612	1,966	561	1,085	990	1,143	6,252	45,612	7.9	26.3
1957-----	12,256	3,491	2,194	532	765	934	1,378	6,447	49,073	7.1	25.0
1958-----	12,939	3,754	2,200	579	975	1,087	1,512	6,574	54,535	6.9	23.7
1959-----	12,999	3,892	2,340	616	936	1,019	1,529	6,462	54,019	7.2	23.9
1960-----	14,320	4,170	2,450	630	1,090	1,110	1,563	7,460	60,814	6.9	23.5
1961 (prel.)-----	7,336	4,520	2,690	766	1,150	1,200	1,601		57,488	7.9	12.8

<sup>1</sup> Includes Virgin Islands.

<sup>2</sup> Sugar 96° basis as computed by Puerto Rican mills.

<sup>3</sup> Includes production of muscovado and panocha, low grades of sugar mostly for domestic consumption.

<sup>4</sup> Includes green and liquid sugar.

<sup>5</sup> Beginning July 1960, Cuba no longer a supplier. Sugar formerly supplied by Cuba is now being provided mainly by Mexico, Peru, Philippines, Brazil, Federation of the West Indies and British Guiana, Dominican Republic, India, and China (Taiwan).

Source: Department of Agriculture, Statistical Reporting Service (from official and unofficial sources), annual report, *Agricultural Statistics*; and Economic Research Service, annual report, *The Sugar Situation*.

## No. 926. SUGAR, BEET AND CANE—QUOTA CHARGES, PRODUCTION, STOCKS, AND CONSUMPTION: 1950 TO 1961

[In thousands of tons, except per capita consumption in pounds. Unless otherwise specified, figures refer to continuous U.S.]

ITEM	1950	1955	1958	1959	1960	1961
Quota charges <sup>1</sup> .....	8,274	8,402	9,082	9,245	28,339	3,726
United States (continuous area).....	2,267	2,297	2,921	2,819	2,784	3,358
Beet.....	1,740	1,797	2,240	2,241	2,165	2,698
Cane.....	518	500	681	578	619	750
Other areas.....	6,007	6,105	6,161	6,427	5,556	3,368
Hawaii.....	1,145	1,052	630	977	845	1,045
Puerto Rico.....	1,053	1,080	823	958	896	980
Virgin Islands.....	11	10	6	12	7	16
Cuba.....	3,264	2,867	3,441	3,219	2,394	
Philippine Islands.....	473	977	980	980	980	963
Other countries.....	61	119	281	281	434	364
Production <sup>4</sup> .....	2,466	2,386	2,815	2,822	3,075	3,400
Visible stocks, beginning of period <sup>4</sup> .....	1,759	1,930	1,880	1,878	2,005	2,327
Receipts from foreign sources <sup>4</sup> .....	3,783	4,027	4,891	4,674	4,885	4,550
Receipts from outlying areas <sup>4</sup> .....	2,173	2,155	1,459	1,947	1,748	2,050
Domestic disappearance, total.....	8,291	8,443	9,107	9,259	9,340	9,707
Civilian per capita consumption (refined) <sup>7</sup> .....	100.8	97.5	98.1	97.7	98.9	98.0

<sup>1</sup> Sugar quotas govern the supply of sugar from all sources, foreign and domestic, available to the United States (continuous area). The formulas for allocating the quotas among the supplying areas are established by Congress; the size of the quotas is determined by the Secretary of Agriculture.

<sup>2</sup> Excludes 1,188,000 tons of nonquota purchase sugar entered under Sec. 408(b) of Sugar Act.

<sup>3</sup> Excludes 3,117,000 tons of nonquota purchase sugar.

<sup>4</sup> Compiled by Sugar Division, Commodity Stabilization Service.

<sup>5</sup> Includes raws for processing held by importers other than refiners.

<sup>6</sup> Includes Hawaii.

<sup>7</sup> Adjusted for changes in invisible stocks (estimated) held by manufacturers, wholesalers, and retailers.

Source: Department of Agriculture, Statistical Reporting Service, annual report, *Agricultural Statistics*; and Economic Research Service, annual report, *The Sugar Situation*.

# Sugar Beets and Sugarcane

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## No. 927. SUGAR BEETS—ACREAGE, PRODUCTION, PRICES, AND VALUE, 1931 TO 1961, AND BY STATES, 1959 TO 1961

[Excludes Alaska and Hawaii. Totals include data for a few States not shown separately]

YEARLY AVERAGE OR YEAR AND STATE	Acres harvested (1,000)	Tons per acre	Production (1,000 tons)	Price per ton (dollars) <sup>1</sup>	Farm value (\$1,000)	YEAR AND STATE	Acres harvested (1,000)	Tons per acre	Production (1,000 tons)	Price per ton (dollars) <sup>1</sup>	Farm value (\$1,000)
Total:						Michigan:					
1931-1935.....	799	10.9	8,686	5.42	47,110	1959.....	74	17.5	1,299	8.70	11,301
1936-1940.....	887	12.2	10,452	5.13	53,569	1960.....	68	13.9	943	11.70	11,033
1941-1945.....	705	12.6	8,782	8.26	72,559	1961 (prel.)	72	16.3	1,177	( <sup>2</sup> )	( <sup>2</sup> )
1946-1950.....	797	14.1	11,244	11.15	125,395	Minnesota:					
1951-1955.....	743	15.9	11,809	11.46	134,713	1959.....	71	12.4	880	10.00	8,800
1956-1960.....	883	17.5	15,417	11.62	177,035	1960.....	81	12.6	1,018	11.00	11,198
1961 (prel.)	691	15.2	10,482	11.70	122,483	1961 (prel.)	97	13.0	1,262	( <sup>2</sup> )	( <sup>2</sup> )
1951.....	665	15.3	10,169	12.00	121,970	Montana:					
1952.....	745	16.2	12,084	11.60	140,364	1959.....	53	15.7	827	11.00	9,841
1953.....	876	16.1	14,082	10.80	152,273	1960.....	61	13.9	841	12.50	10,512
1954.....	740	16.5	12,228	11.20	136,477	1961 (prel.)	60	14.6	956	( <sup>2</sup> )	( <sup>2</sup> )
1955.....	785	16.6	12,993	11.90	155,087	Nebraska:					
1956.....	878	17.7	15,605	11.20	173,086	1959.....	64	17.3	1,107	12.20	13,505
1957.....	891	17.0	15,150	11.70	177,807	1960.....	69	17.8	1,226	12.00	15,815
1958.....	905	18.8	17,015	11.20	191,186	1961 (prel.)	78	14.9	1,150	( <sup>2</sup> )	( <sup>2</sup> )
1959.....	967	17.2	16,421	11.60	190,109	North Dakota:					
1960.....	1,088	16.5	17,966	10.80	194,033	1959.....	34	12.6	425	10.20	4,335
1961 (prel.)						1960.....	42	12.3	564	11.30	6,373
California:						1961 (prel.)	47	12.8	600	( <sup>2</sup> )	( <sup>2</sup> )
1959.....	208	23.7	4,928	11.50	56,672	Washington:					
1960.....	207	20.3	4,198	10.80	45,338	1959.....	34	22.4	763	11.70	8,927
1961 (prel.)	238	19.3	4,593	( <sup>2</sup> )	( <sup>2</sup> )	1960.....	38	20.9	782	11.30	8,837
Colorado:						1961 (prel.)	55	23.0	1,256	( <sup>2</sup> )	( <sup>2</sup> )
1959.....	143	17.0	2,437	11.90	29,000	Wyoming:					
1960.....	155	17.8	2,761	12.40	34,236	1959.....	38	16.2	616	11.80	7,260
1961 (prel.)	167	14.7	2,456	( <sup>2</sup> )	( <sup>2</sup> )	1960.....	42	15.3	635	12.00	7,747
Idaho:						1961 (prel.)	52	13.6	709	( <sup>2</sup> )	( <sup>2</sup> )
1959.....	88	21.5	1,886	11.70	22,066						
1960.....	95	18.3	1,740	11.40	19,836						
1961 (prel.)	119	19.0	2,261	( <sup>2</sup> )	( <sup>2</sup> )						

<sup>1</sup> Season average price received by farmers. Beginning 1934, excludes Government payments under Sugar Act. Price support payments for 1943-1945 included. <sup>2</sup> Not available.

Source: Department of Agriculture, Statistical Reporting Service; annual summaries, *Crop Production and Crop Values*.

## No. 928. SUGARCANE, CANE SUGAR, AND MOLASSES—ACREAGE, PRODUCTION, AND VALUE: 1930 TO 1961

[Tons are of 2,000 pounds. Beginning 1960, includes Hawaii. See also *Historical Statistics, Colonial Times to 1967*, series K 295-297]

YEAR	SUGARCANE FOR SUGAR AND SEED					SUGAR PRODUCED			MOLASSES MADE	
	Acreage harvested	Yield per acre <sup>1</sup>	Production	Price per ton <sup>2</sup>	Farm value	Raw value <sup>3</sup>	Equivalent re-fined <sup>4</sup>	Sugar per ton of cane, raw value <sup>5</sup>	Total <sup>6</sup>	Black-strap <sup>6</sup>
	1,000 acres	Tons	1,000 tons	Dollars	\$1,000	1,000 tons	1,000 tons	Pounds	1,000 gallons	1,000 gallons
1930.....	203.5	15.5	3,153	3.31	10,430	215	201	148	19,089	14,234
1935.....	275.4	18.4	5,064	3.15	15,940	382	357	164	30,788	24,790
1940.....	271.0	15.0	4,313	2.86	12,355	332	311	172	24,970	22,171
1945.....	285.4	23.5	6,707	5.67	38,016	475	443	152	49,955	34,773
1950.....	333.5	20.8	6,944	7.80	54,153	564	527	174	49,206	44,867
1954.....	305.3	24.0	7,339	6.94	50,935	610	570	177	48,997	46,177
1955.....	283.0	25.5	7,248	6.50	47,108	674	536	168	52,629	49,436
1956.....	263.2	25.0	6,483	8.03	52,062	561	525	187	49,061	40,677
1957.....	276.6	24.4	6,750	6.90	46,558	552	497	168	45,086	42,533
1958.....	274.8	24.3	6,681	7.48	49,910	579	541	187	45,384	40,300
1959.....	319.1	22.9	7,318	7.13	52,138	616	576	180	45,540	42,826
1960.....	436.6	37.7	16,456	( <sup>7</sup> )	( <sup>7</sup> )	1,566	1,464	190	101,073	( <sup>7</sup> )
1961 (prel.)	470.8	40.0	19,125	( <sup>7</sup> )	( <sup>7</sup> )	1,856	1,735	194	116,140	( <sup>7</sup> )

<sup>1</sup> Growth of 9 months in Louisiana and 12 months in Florida. In Louisiana, sugar season usually ends by December or early January; in Florida, by March following season of growth.

<sup>2</sup> Season average price received by farmers. Prices exclude Government payments under the Sugar Act. For 1945, price support payments included.

<sup>3</sup> Raw value equals 96° raw sugar as defined in Sugar Act of 1948.

<sup>4</sup> Calculated on basis of 100 pounds of raw sugar required to produce 93.46 pounds of refined sugar.

<sup>5</sup> Sirup production excluded. See table 929.

<sup>6</sup> Converted to 80° Brix beginning with 1935. Data for previous years as reported. <sup>7</sup> Not available.

Source: Department of Agriculture, Statistical Reporting Service, annual report, *Agricultural Statistics*; and Economic Research Service, annual report, *The Sugar Situation*.

## No. 929. SUGARCANE SIRUP AND MAPLE SIRUP—PRODUCTION: 1945 TO 1961

[Excludes Alaska and Hawaii]

YEAR	SUGARCANE SIRUP <sup>1</sup>		Maple sirup <sup>2</sup> production	YEAR	SUGARCANE SIRUP <sup>1</sup>		Maple sirup <sup>2</sup> production
	Cane harvested for sirup	Production			Cane harvested for sirup	Production	
	<i>Acres</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>		<i>Acres</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>
1945.....	131,000	28,251	1,030	1957.....	14,000	3,135	1,697
1950.....	46,000	8,775	2,006	1958.....	13,000	3,617	1,392
1954.....	24,000	4,730	1,672	1959.....	13,000	3,676	1,135
1955.....	19,000	4,990	1,578	1960.....	13,000	3,558	1,124
1956.....	18,000	3,965	1,529	1961.....	12,000	3,494	1,489

<sup>1</sup> Excludes sorghum, sometimes confused with sugarcane. See table 928 for sugarcane, cane sugar, and molasses.<sup>2</sup> Excludes production on nonfarm lands in Somerset County, Maine.Source: Department of Agriculture, Statistical Reporting Service; annual summary, *Crop Production*.

## No. 930. SWEETPOTATOES—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1950 TO 1961

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE <sup>1</sup>		FARM VALUE	
	1950-1959, avg.	1960	1961 (prel.)	1950-1959, avg.	1960	1961 (prel.)	1950-1959, avg.	1960	1961 (prel.)	1960	1961 (prel.)	1960	1961 (prel.)
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Cwt. 60</i>	<i>Cwt. 79</i>	<i>Cwt. 78</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dol. per cwt.</i>	<i>Dol. per cwt.</i>	<i>\$1,000</i>	<i>\$1,000</i>
<b>Total.....</b>	320	197	194	60	79	78	18,898	15,445	15,083	4.11	4.46	64,150	67,088
Alabama.....	18	10	10	46	57	53	832	570	530	4.63	4.70	2,639	2,491
Arkansas.....	6	4	4	51	77	68	314	300	297	4.67	4.90	1,401	1,455
California.....	12	9	9	73	80	80	859	680	736	9.94	9.80	6,769	7,213
Florida.....	4	2	2	46	45	45	159	90	72	5.36	5.80	482	418
Georgia.....	23	13	13	62	64	70	1,129	832	910	5.34	5.70	4,443	5,187
Kansas.....	1	1	1	84	80	80	59	104	104	4.67	3.70	486	385
Kentucky.....	5	2	2	55	62	57	205	143	114	4.62	4.85	661	553
Louisiana.....	84	47	50	58	60	68	4,791	2,820	3,490	3.35	2.85	9,447	9,690
Maryland.....	5	4	4	169	145	135	530	609	513	3.09	3.75	1,882	1,924
Mississippi.....	23	15	14	50	58	55	1,131	879	770	4.87	5.60	4,237	3,856
Missouri.....	2	1	1	64	160	100	128	120	110	4.21	4.25	595	468
New Jersey.....	16	14	14	88	105	105	1,377	1,470	1,479	3.99	4.85	5,865	7,130
New Mexico.....	<sup>2</sup> 1	1	2	105	88	100	<sup>2</sup> 147	114	170	5.70	6.40	650	918
North Carolina.....	40	24	22	64	100	110	2,544	2,400	2,420	4.37	4.60	10,488	11,132
Oklahoma.....	3	2	1	50	65	65	123	117	91	4.64	5.10	543	464
South Carolina.....	23	8	8	51	57	58	1,177	460	464	4.30	4.65	1,961	2,158
Tennessee.....	11	6	6	60	87	75	664	478	412	4.48	4.80	2,141	1,978
Texas.....	26	15	14	49	80	55	1,245	1,200	770	4.41	4.70	5,232	3,619
Virginia.....	17	19	17	84	112	100	1,453	2,072	1,730	2.06	3.50	4,268	6,055

<sup>1</sup> Season average price received by farmers. State prices weighted by sales to obtain U.S. prices.<sup>2</sup> 1959 only.Source: Department of Agriculture, Statistical Reporting Service; annual summaries, *Crop Production and Crop Values*.

## No. 931. POTATOES—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1950 TO 1961

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE <sup>1</sup>		FARM VALUE	
	1950-1959, avg.	1960	1961 (prel.)	1950-1959, avg.	1960	1961 (prel.)	1950-1959, avg.	1960	1961 (prel.)	1960	1961 (prel.)	1960	1961 (prel.)
U.S. <sup>2</sup>	1,429	1,397	1,488	Cwt. 165	Cwt. 184	Cwt. 196	1,000 cwt. 234,592	1,000 cwt. 257,435	1,000 cwt. 290,939	Dol. per cwt. 2.00	Dol. per cwt. 1.37	\$1,000 513,749	\$1,000 399,417
<b>N.E.:</b>													
Maine.....	137	147	148	253	229	250	34,630	33,663	37,000	1.36	.90	45,782	33,300
N.H.....	3	2	2	107	185	185	454	314	333	2.39	2.00	750	665
Vt.....	4	2	3	140	175	175	514	420	455	2.49	2.25	1,046	1,024
Mass.....	8	8	7	164	222	207	1,247	1,065	1,511	2.18	1.96	3,635	2,959
R.I.....	5	6	6	190	243	223	941	1,410	1,270	2.17	1.99	3,059	2,524
Conn.....	7	7	7	195	235	230	1,401	1,574	1,495	2.26	2.00	3,557	2,990
<b>M.A.:</b>													
N.Y.....	99	87	88	105	234	239	19,152	20,340	21,074	1.78	1.31	36,496	27,815
N.J.....	24	19	18	170	240	245	4,271	4,440	4,410	1.69	1.40	7,604	6,174
Pa.....	56	40	41	158	192	201	8,570	7,680	8,241	2.34	1.84	17,966	15,203
<b>E.N.C.:</b>													
Ohio.....	22	17	15	149	189	184	3,248	3,114	2,764	2.33	1.75	7,263	4,855
Ind.....	11	7	7	160	213	213	1,776	1,590	1,407	2.16	1.69	3,439	2,387
Ill.....	5	3	3	73	80	90	342	248	279	2.96	2.95	734	823
Mich.....	59	46	49	127	158	180	7,200	7,340	9,116	2.22	1.51	16,277	13,788
Wis.....	53	52	50	140	179	205	7,415	9,327	11,490	2.35	1.71	21,833	19,586
<b>W.N.C.:</b>													
Minn.....	83	105	125	113	127	112	9,425	13,351	14,082	1.34	1.19	17,772	16,740
Iowa.....	7	4	4	86	120	150	562	444	555	2.02	1.60	807	888
Mo.....	10	5	5	71	90	90	673	450	450	3.16	2.75	1,422	1,233
N. Dak.....	94	112	121	116	128	107	10,062	14,336	12,947	1.33	1.10	19,067	14,242
S. Dak.....	10	7	6	82	85	95	850	586	618	1.80	1.40	1,055	865
Nebr.....	24	15	14	141	175	194	3,440	2,625	2,441	1.44	1.07	3,838	2,835
Kans.....	4	2	3	61	85	85	221	196	238	3.10	2.15	608	512
<b>S.A.:</b>													
Del.....	8	10	10	165	220	225	1,320	2,156	2,250	1.43	1.40	3,083	3,150
Md.....	6	5	5	93	131	120	556	682	562	1.44	1.39	806	802
Va.....	36	32	32	103	143	148	3,654	4,621	4,784	1.75	1.54	8,037	7,578
W. Va.....	13	10	9	66	73	65	832	730	585	2.67	2.35	1,949	1,375
N.C.....	40	28	27	91	130	138	3,588	3,709	3,691	2.03	1.95	7,606	7,281
S.C.....	10	6	6	82	85	85	789	552	510	2.75	2.35	1,518	1,198
Ga.....	5	1	2	48	49	56	238	68	84	3.37	2.40	229	202
Fla.....	37	37	34	150	122	170	5,505	4,635	5,810	3.92	2.29	17,794	13,286
<b>E.S.C.:</b>													
Ky.....	16	11	10	61	72	65	974	785	637	2.38	2.25	1,898	1,433
Tenn.....	16	9	9	63	80	83	956	720	747	3.00	2.95	2,160	2,204
Ala.....	28	22	21	87	117	106	2,398	2,573	2,264	2.60	2.15	6,785	4,868
Miss.....	9	4	4	43	61	50	386	204	190	3.02	3.00	616	570
<b>W.S.C.:</b>													
Ark.....	12	6	5	51	65	63	581	358	328	2.93	2.65	1,049	869
La.....	9	4	4	43	53	52	398	212	198	3.17	2.70	672	535
Okl.....	5	2	2	53	65	62	241	117	118	3.50	3.25	410	384
Tex.....	19	19	20	88	128	141	1,662	2,465	2,786	3.07	2.64	7,544	6,826
<b>Mt.:</b>													
Mont.....	0	8	8	138	140	170	1,269	1,148	1,360	3.09	2.15	3,547	2,924
Idaho.....	171	235	274	192	183	206	33,171	43,078	50,424	1.83	1.15	78,801	64,887
Wyo.....	5	4	4	137	160	165	630	672	650	1.45	1.25	995	825
Colo.....	54	56	60	197	213	218	10,733	11,922	13,097	2.02	1.13	29,062	14,734
N. Mex.....	2	2	3	118	185	160	214	426	544	2.85	2.60	1,214	1,414
Ariz.....	6	10	10	234	240	240	1,312	2,352	2,472	2.57	2.35	6,045	5,809
Utah.....	10	9	9	155	170	170	1,575	1,402	1,530	2.28	1.65	3,333	2,524
Nev.....	2	1	1	198	220	210	306	220	231	2.05	1.50	451	346
<b>Pac.:</b> <sup>3</sup>													
Wash.....	33	35	43	255	288	300	8,466	10,075	12,910	1.90	.96	19,038	12,337
Oreg.....	36	35	37	229	224	253	8,242	7,830	9,360	2.48	1.28	19,389	12,012
Calif.....	109	103	113	249	279	305	27,018	28,757	34,447	2.80	1.67	80,645	57,630

<sup>1</sup> Season average price received by farmers. State prices weighted by sales to obtain U.S. prices.<sup>2</sup> Excludes Alaska and Hawaii.Source: Department of Agriculture, Statistical Reporting Service; annual summaries, *Crop Production and Crop Values*.

### No. 932. COMMERCIAL VEGETABLE CROPS INCLUDING MELONS, STRAWBERRIES, AND MINT—ACREAGE, PRODUCTION, AND VALUE, 1960 AND 1961, AND LEADING STATES, 1961

[Production in equivalent tons of 2,000 pounds. Includes Alaska and Hawaii. Estimates relate to commercial production for fresh market and processing combined and include production in market-garden areas. Production for home use in farm and nonfarm gardens is not included. Value is for season or crop year and should not be confused with calendar-year income]

CROP	ACREAGE <sup>1</sup>			PRODUCTION <sup>2</sup> (equivalent tons)			VALUE <sup>3</sup> (\$1,000)	
	1960	1961 (prel.)	1961, leading States	1960	1961 (prel.)	1961, leading States	1960	1961 (prel.)
Artichokes.....	9,300	8,500	Calif.....	20,900	25,500	Calif.....	3,712	4,539
Asparagus.....	156,000	146,950	Calif., N.J.....	187,470	184,170	Calif., N.J.....	44,361	47,902
Beans, lima.....	109,510	118,220	Calif., Del.....	126,020	137,170	Calif., Del.....	18,419	20,486
Beans, snap.....	295,850	306,810	Fla., N.Y.....	632,850	698,220	Fla., N.Y.....	82,613	88,949
Beets.....	18,880	20,690	Wis., N.Y.....	172,160	203,480	N.Y., Wis.....	4,059	4,587
Broccoli.....	41,980	41,800	Calif., Oreg.....	118,700	169,900	Calif., Oreg.....	18,831	17,760
Brussels sprouts.....	5,510	5,700	Calif., N.Y.....	35,800	37,700	Calif., N.Y.....	6,162	6,706
Cabbage.....	129,025	133,075	Tex., Fla.....	1,229,910	1,182,100	Tex., N.Y.....	43,231	37,442
Cantaloup.....	127,000	123,100	Calif., Ariz.....	631,150	638,750	Calif., Ariz.....	54,547	63,988
Carrots.....	83,625	74,050	Tex., Calif.....	904,500	770,400	Calif., Tex.....	39,403	46,579
Caniflower.....	30,570	27,950	Calif., N.Y.....	146,150	121,450	Calif., N.Y.....	17,571	14,903
Celery.....	36,280	31,390	Calif., Fla.....	758,350	735,100	Calif., Fla.....	49,781	45,350
Corn, sweet.....	614,550	647,740	Wis., Minn.....	2,033,110	2,377,520	Minn., Wis.....	78,088	85,123
Cucumbers.....	149,650	158,290	Mich., N.C.....	506,620	648,230	Mich., Fla.....	40,313	46,610
Eggplant.....	4,850	4,650	Fla., N.J.....	23,950	27,650	Fla., N.J.....	2,584	2,872
Escarole.....	7,750	7,800	Fla., N.J.....	50,550	50,100	Fla., N.J.....	4,491	4,492
Garlic.....	5,400	3,600	Calif.....	22,950	14,400	Calif.....	3,879	2,564
Honeydew melons.....	9,800	9,450	Calif., Tex.....	69,000	66,100	Calif., Tex.....	6,833	7,454
Kale.....	1,800	2,000	Va.....	6,750	7,600	Va.....	783	751
Lettuce.....	223,280	218,440	Calif., Ariz.....	1,934,900	1,880,900	Calif., Ariz.....	144,498	122,950
Mint for oil.....	60,200	67,400	Wash., Oreg.....	1,672	2,112	Wash., Oreg.....	14,709	17,755
Onions.....	102,160	89,990	Tex., N.Y.....	1,323,850	1,169,400	N.Y., Calif.....	56,479	70,434
Peas, green.....	352,640	405,080	Wis., Wash.....	457,690	519,980	Wis., Wash.....	40,580	46,047
Peppers, green.....	46,030	46,480	Fla., N.J.....	183,450	197,600	Fla., Calif.....	28,273	20,656
Shallots.....	1,900	1,300	La.....	2,600	1,000	La.....	226	188
Spinach.....	57,810	55,600	Tex., Calif.....	221,010	214,150	Calif., Tex.....	15,459	14,654
Strawberries.....	94,380	92,020	Oreg., Calif.....	233,394	256,312	Calif., Oreg.....	89,132	89,248
Tomatoes.....	442,450	472,480	Calif., Fla.....	4,996,320	5,279,050	Calif., Ohio.....	252,924	281,090
Watermelons.....	335,390	313,830	Tex., Fla.....	1,551,950	1,450,050	Fla., Tex.....	37,054	44,587

<sup>1</sup> Acreage of crops for harvest for fresh market, including any partially harvested or not harvested because of low prices or other economic factors, plus acreage harvested for processing.

<sup>2</sup> Includes some quantities not marketed and excluded in computing value.

<sup>3</sup> Based on season average prices received by growers.

Source: Department of Agriculture, Statistical Reporting Service; annual report, *Agricultural Statistics*.

### No. 933. FRUITS AND NUTS—PRODUCTION, 1954 AND 1959, AND VALUE, 1959

[1959 includes Alaska and Hawaii]

CROP	PRODUCTION (1,000 units)			Value (\$1,000) 1959
	Unit	1954	1959	
Apples.....	Bu.....	109,038	120,610	206,734
Peaches.....	do.....	55,125	68,754	130,452
Pears.....	do.....	20,771	27,288	47,049
Cherries.....	Lb.....	354,379	401,340	39,004
Plums and prunes.....	Bu.....	20,597	18,739	70,391
Grapes.....	Lb.....	4,835,851	6,042,447	164,767
Apricots.....	Bu.....	5,707	7,895	22,282
Oranges, including satsumas, tangerines, and mandarins.....	Tons.....	5,326	5,351	390,123
Grapefruit.....	do.....	1,766	1,491	55,064
Lemons.....	Field boxes.....	24,486	26,778	41,860
Limes.....	Lb.....	38,330	20,515	1,231
Pecans.....	do.....	28,578	45,813	14,894
Walnuts, English or Persian.....	do.....	129,177	115,100	27,135
Almonds.....	do.....	79,841	146,255	33,844
Filberts and hazelnuts.....	do.....	15,030	18,255	3,468
Tung nuts.....	do.....	114,780	223,176	6,695
All other.....	do.....			33,891

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Agriculture: 1959*, Vol. II.



## No. 934. FRUITS—PRODUCTION AND VALUE: 1950 TO 1961

[Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1967*, series K 316-328, for production and prices]

CROP	Unit	PRODUCTION (1,000) <sup>1</sup>				FARM VALUE (\$1,000)		
		1950-1959, avg.	1959	1960	1961-(prel.)	1959	1960	1961-(prel.)
Apples (35 States) <sup>2 3</sup>	Bu. (48 lbs.)	111,848	126,847	108,515	125,510	197,613	237,976	233,561
Peaches <sup>3</sup>	do.	63,130	75,031	74,315	77,487	136,830	134,288	143,254
Pears <sup>3</sup>	Bu. <sup>4</sup>	29,220	29,542	25,621	27,111	52,111	54,578	61,984
Grapes <sup>3</sup>	Ton	2,937	3,137	2,997	3,093	171,769	166,158	181,912
Cherries, sweet <sup>3</sup>	do.	89	81	71	93	25,357	25,136	30,356
Cherries, sour	do.	130	138	116	163	17,409	18,363	27,188
Plums	do.	87	100	89	94	14,620	16,284	16,855
Prunes (fresh basis) <sup>6</sup>	do.	458	437	372	412	57,529	58,463	53,764
Oranges and tangerines (5 States)	Box <sup>6</sup>	128,434	129,560	121,535	130,775	352,661	435,186	448,994
Grapefruit (4 States)	do <sup>7</sup>	43,137	41,620	43,300	46,500	57,342	54,669	58,957
Lemons <sup>8</sup>	do <sup>9</sup>	1015,064	18,230	14,140	17,400	31,215	34,316	43,324

<sup>1</sup> Includes some quantities not harvested or not marketed on account of economic conditions.

<sup>2</sup> Production in commercial apple areas.

<sup>3</sup> Beginning 1961 crop season, estimates discontinued for some States.

<sup>4</sup> Calif., 48 pounds; other States, 50 pounds.

<sup>5</sup> Fresh basis for Calif. derived by multiplying dry basis estimate by 2½.

<sup>6</sup> Net content of box varies. In Calif. and Ariz. approximate average for oranges is 77 pounds; in other States oranges, including tangerines, 90 pounds.

<sup>7</sup> In Calif. and Ariz. approximate average is 65 pounds net; in Fla. and Tex., 80 pounds net.

<sup>8</sup> Beginning 1958, includes estimates for Ariz.

<sup>9</sup> About 79 pounds net.

<sup>10</sup> Includes short-time averages for Arizona.

Source: Department of Agriculture, Statistical Reporting Service; annual summaries, *Crop Production* and *Crop Values*.

## No. 935. APPLES, PEACHES, PEARS, AND GRAPES—PRODUCTION, BY STATES: 1950 TO 1961

STATE	APPLES (1,000 bu.) <sup>1 2</sup>			PEACHES (1,000 bu.) <sup>2</sup>			PEARS (1,000 bu.) <sup>2</sup>			GRAPES (tons) <sup>2</sup>		
	1950-1959, avg.	1960	1961 (prel.)	1950-1959, avg.	1960	1961 (prel.)	1950-1959, avg.	1960	1961 (prel.)	1950-1959, avg.	1960	1961 (prel.)
U.S.	111,848	108,515	125,510	63,130	74,315	77,487	29,220	25,621	27,111	2,937,176	2,996,640	3,093,480
Ala.	—	—	—	600	1,250	1,450	76	85	( <sup>3</sup> )	—	—	—
Ark.	272	300	180	1,428	1,950	1,500	58	50	( <sup>3</sup> )	6,980	7,800	4,500
Calif.	8,481	8,890	10,200	33,698	37,920	39,962	15,343	15,125	14,751	2,705,400	2,694,000	2,816,000
Colo.	1,164	800	1,400	1,650	710	2,000	206	30	245	—	—	—
Conn.	1,323	1,050	1,450	138	175	120	53	35	65	—	—	—
Del.	315	250	300	91	50	35	—	—	—	—	—	—
Ga.	—	—	—	2,669	5,000	5,200	128	72	( <sup>3</sup> )	1,365	1,200	1,200
Idaho	1,412	500	1,200	289	300	180	82	50	60	—	—	—
Ill.	2,403	2,100	2,300	904	750	870	92	35	( <sup>3</sup> )	1,275	450	( <sup>3</sup> )
Ind.	1,461	1,900	1,350	340	450	415	—	—	—	920	700	( <sup>3</sup> )
Iowa	193	160	350	—	—	—	—	—	—	1,540	600	600
Kans.	220	210	240	113	165	135	—	—	—	670	400	( <sup>3</sup> )
Ky.	306	460	290	201	285	220	52	35	( <sup>3</sup> )	—	—	—
Md.	1,288	1,300	1,500	456	520	420	—	—	—	—	—	—
Mass.	2,567	2,250	3,150	88	140	95	—	—	—	—	—	—
Mich.	10,260	11,300	16,000	2,942	3,300	3,600	1,041	1,250	1,000	42,700	65,000	34,000
Miss.	—	—	—	299	310	352	90	70	( <sup>3</sup> )	—	—	—
Mo.	922	1,250	1,400	428	420	500	81	45	( <sup>3</sup> )	3,580	4,100	4,100
N.J.	2,860	2,500	3,200	1,934	2,800	1,700	—	—	—	1,210	850	900
N.Y.	17,525	17,500	23,000	1,034	680	675	549	525	750	83,250	122,000	120,000
N.C.	1,490	2,500	2,200	1,072	1,300	1,500	72	55	( <sup>3</sup> )	1,570	950	950
Ohio	3,188	3,700	3,300	934	1,020	950	103	67	( <sup>3</sup> )	15,030	15,200	15,000
Oreg.	2,260	1,800	1,550	404	410	430	5,285	4,300	4,700	895	650	( <sup>3</sup> )
Pa.	6,955	7,000	9,800	2,595	2,900	2,400	146	110	115	24,140	33,500	35,000
S.C.	—	—	—	3,680	5,000	7,500	—	—	—	1,340	2,400	3,000
Tenn.	298	430	270	174	175	190	79	50	( <sup>3</sup> )	—	—	—
Tex.	—	—	—	526	750	650	132	145	140	—	—	—
Va.	9,743	10,200	10,500	1,376	1,650	1,500	55	20	( <sup>3</sup> )	631	270	( <sup>3</sup> )
Wash.	24,100	19,500	17,500	1,456	2,030	1,700	5,018	3,130	4,560	39,610	38,400	49,000
W. Va.	4,744	5,700	5,500	1,480	750	750	46	45	( <sup>3</sup> )	—	—	—
Other	6,132	5,965	7,380	911	555	488	323	291	125	4,770	8,070	9,230

<sup>1</sup> See footnote 2, table 934.

<sup>2</sup> See footnote 1, table 934.

<sup>3</sup> Beginning 1961 crop season, estimates discontinued.

Source: Department of Agriculture, Statistical Reporting Service; annual summary, *Crop Production*.

## No. 936. LIVESTOCK ON FARMS—NUMBER, BY KIND, BY STATES: 1959 AND 1962

[In thousands. For composition of regions, see fig. 1, p. XII]

STATE	Horses and mules, 1959 (Oct.)	ALL CATTLE		MILK COWS		SHEEP AND LAMBS		HOGS AND PIGS	
		1959 (Oct.)	1962 (Jan. 1)	1959 (Oct.)	1962 (Jan. 1) <sup>1</sup>	1959 (Oct.)	1962 (Jan. 1)	1959 (Oct.)	1962 (Jan. 1)
<b>United States</b> .....	<b>2,955</b>	<b>92,534</b>	<b>99,500</b>	<b>16,522</b>	<b>19,215</b>	<b>33,945</b>	<b>31,446</b>	<b>67,949</b>	<b>50,982</b>
The North.....	984	47,058	50,507	10,794	12,499	11,886	10,679	52,095	44,979
The South.....	1,461	28,457	31,576	3,980	4,716	8,173	7,528	13,613	10,706
The West.....	560	17,019	17,357	1,739	2,000	13,886	13,239	1,641	1,297
<b>New England</b> .....	<b>30</b>	<b>986</b>	<b>1,069</b>	<b>571</b>	<b>672</b>	<b>82</b>	<b>74</b>	<b>190</b>	<b>184</b>
Maine.....	8	186	200	89	106	41	36	25	20
New Hampshire.....	4	91	101	48	60	8	7	14	12
Vermont.....	9	406	445	248	294	12	11	14	10
Massachusetts.....	5	143	153	89	100	11	11	108	114
Rhode Island.....	1	20	20	14	15	2	2	9	10
Connecticut.....	4	140	150	83	97	7	7	21	18
<b>Middle Atlantic</b> .....	<b>112</b>	<b>4,020</b>	<b>4,341</b>	<b>2,121</b>	<b>2,517</b>	<b>463</b>	<b>409</b>	<b>966</b>	<b>745</b>
New York.....	47	2,023	2,174	1,173	1,393	189	158	166	97
New Jersey.....	7	186	196	120	136	15	16	179	165
Pennsylvania.....	58	1,810	1,971	827	988	260	235	621	483
<b>East North Central</b> .....	<b>296</b>	<b>13,673</b>	<b>14,305</b>	<b>4,301</b>	<b>4,944</b>	<b>3,342</b>	<b>2,824</b>	<b>20,129</b>	<b>18,011</b>
Ohio.....	74	2,200	2,249	641	742	1,234	977	3,060	2,651
Indiana.....	53	1,974	2,103	411	463	1,557	503	5,357	5,092
Illinois.....	74	3,790	3,862	542	629	813	711	8,284	7,664
Michigan.....	36	1,610	1,752	612	708	459	387	968	747
Wisconsin.....	59	4,100	4,339	2,095	2,402	279	246	2,460	1,857
<b>West North Central</b> .....	<b>496</b>	<b>28,379</b>	<b>30,852</b>	<b>3,801</b>	<b>4,366</b>	<b>7,999</b>	<b>7,372</b>	<b>31,410</b>	<b>26,039</b>
Minnesota.....	58	3,598	4,258	1,216	1,435	1,107	1,024	4,707	3,519
Iowa.....	81	6,480	6,654	831	925	1,792	1,583	14,789	12,930
Missouri.....	102	3,833	4,304	613	723	825	726	4,777	3,932
North Dakota.....	57	1,841	1,881	264	299	809	715	508	275
South Dakota.....	61	3,322	3,460	243	270	1,935	1,711	2,042	1,433
Nebraska.....	68	4,982	5,414	319	340	756	733	3,245	2,648
Kansas.....	68	4,324	4,881	316	374	775	880	1,341	1,302
<b>South Atlantic</b> .....	<b>451</b>	<b>6,541</b>	<b>7,041</b>	<b>1,370</b>	<b>1,619</b>	<b>775</b>	<b>667</b>	<b>5,779</b>	<b>4,538</b>
Delaware.....	3	50	54	24	28	4	5	38	38
Maryland.....	15	476	498	198	230	38	30	217	194
Virginia.....	84	1,316	1,422	308	378	343	284	780	628
West Virginia.....	38	515	530	121	135	200	261	148	83
North Carolina.....	145	834	907	243	293	53	51	1,660	1,279
South Carolina.....	68	497	553	100	116	11	11	673	420
Georgia.....	71	1,353	1,481	196	226	28	18	1,835	1,519
Florida.....	27	1,501	1,598	181	213	7	7	423	377
<b>East South Central</b> .....	<b>518</b>	<b>7,222</b>	<b>8,029</b>	<b>1,465</b>	<b>1,724</b>	<b>916</b>	<b>652</b>	<b>5,298</b>	<b>4,141</b>
Kentucky.....	145	1,947	2,242	466	549	546	394	1,653	1,386
Tennessee.....	139	1,743	1,991	456	537	261	188	1,610	1,269
Alabama.....	93	1,526	1,680	208	262	36	22	1,224	933
Mississippi.....	141	2,006	2,107	335	376	73	48	812	553
<b>West South Central</b> .....	<b>492</b>	<b>14,694</b>	<b>16,506</b>	<b>1,154</b>	<b>1,373</b>	<b>6,482</b>	<b>6,209</b>	<b>2,535</b>	<b>2,627</b>
Arkansas.....	77	1,281	1,374	204	234	47	42	499	374
Louisiana.....	87	1,656	1,818	205	271	95	86	353	229
Oklahoma.....	90	3,293	3,654	238	264	276	249	624	428
Texas.....	238	8,517	9,660	507	604	6,064	5,832	1,159	996
<b>Mountain</b> .....	<b>394</b>	<b>10,601</b>	<b>10,422</b>	<b>599</b>	<b>678</b>	<b>10,554</b>	<b>10,107</b>	<b>825</b>	<b>672</b>
Montana.....	86	2,459	2,112	73	80	1,816	1,576	189	148
Idaho.....	50	1,380	1,359	194	219	1,242	1,113	174	136
Wyoming.....	49	1,253	1,126	20	31	2,373	2,220	45	30
Colorado.....	65	2,197	2,333	118	127	2,065	1,932	243	202
New Mexico.....	43	1,081	1,221	39	43	992	1,191	62	52
Arizona.....	51	1,003	1,041	44	54	473	520	20	29
Utah.....	30	698	698	88	106	1,291	1,258	74	65
Nevada.....	19	531	632	14	18	312	297	10	10
<b>Pacific</b> .....	<b>166</b>	<b>6,418</b>	<b>6,935</b>	<b>1,140</b>	<b>1,322</b>	<b>3,332</b>	<b>3,132</b>	<b>816</b>	<b>625</b>
Washington.....	38	1,150	1,268	218	271	313	322	159	136
Oregon.....	44	1,354	1,435	152	170	887	851	198	172
California.....	77	3,703	4,232	754	881	2,105	1,959	380	318
Alaska.....	( <sup>2</sup> )	6	( <sup>2</sup> )	2	( <sup>2</sup> )	15	( <sup>2</sup> )	1	( <sup>2</sup> )
Hawaii.....	7	205	( <sup>2</sup> )	14	( <sup>2</sup> )	12	( <sup>2</sup> )	78	( <sup>2</sup> )

<sup>1</sup> Represents cows and heifers 2 years old and over kept for milk.<sup>2</sup> Not available.Source: 1959 data, Department of Commerce, Bureau of the Census; *U.S. Census of Agriculture: 1959*, Vol. II. 1962 data, Department of Agriculture, Statistical Reporting Service; annual livestock summaries.

## No. 937. LIVESTOCK—NUMBER ON FARMS AND VALUE PER HEAD: 1940 TO 1962

[Excludes Alaska and Hawaii, except as noted. See also *Historical Statistics, Colonial Times to 1957*, series K 195-204]

YEAR	ALL CATTLE		HOGS AND PIGS		STOCK SHEEP		HORSES <sup>1</sup>		MULES <sup>1</sup>	
	Number (1,000 head)	Value per head	Number (1,000 head)	Value per head	Number (1,000 head)	Value per head	Number (1,000 head)	Value per head	Number (1,000 head)	Value per head
CENSUS DATA <sup>2</sup>										
1940 (Apr. 1) .....	60,675	\$42.82	34,037	\$8.36	40,129	\$5.99	10,087	\$75.92	3,845	\$113.46
1945 (Jan. 1) .....	82,654	67.78	46,735	21.14	41,224	8.71	8,499	64.17	3,130	136.83
1950 (Apr. 1) .....	76,762	119.02	55,722	19.70	31,387	17.69	5,402	49.50	2,202	95.28
1954 (Oct.-Nov.) .....	95,027	86.64	57,093	33.13	331,619	14.93	4,141	56.09	-----	-----
1959 (Oct. 1) <sup>4</sup> .....	92,534	135.20	67,949	20.18	33,945	16.38	2,955	112.82	-----	-----
ANNUAL DATA (JAN. 1)										
1940 .....	68,309	40.60	61,165	7.78	46,266	6.35	10,444	77.30	4,034	116.00
1945 .....	85,573	66.00	50,373	20.60	39,609	8.45	8,715	64.90	3,235	134.00
1950 .....	77,963	124.00	58,937	27.10	26,182	17.80	7,791	61.30	-----	-----
1955 .....	96,592	88.20	50,474	30.60	27,137	14.90	4,309	56.20	-----	-----
1956 .....	95,900	88.10	55,354	17.70	26,890	14.30	3,958	62.60	-----	-----
1957 .....	92,860	91.60	51,897	24.70	26,348	14.90	3,632	71.80	-----	-----
1958 .....	91,176	120.00	51,517	30.20	27,167	10.40	3,415	84.40	-----	-----
1959 .....	93,322	153.00	58,045	32.00	28,108	20.30	3,189	102.00	-----	-----
1960 .....	96,236	137.00	59,026	18.50	28,840	16.50	3,939	113.00	-----	-----
1961 .....	97,319	134.00	55,443	27.10	28,556	14.60	-----	-----	-----	-----
1962 (prel.) .....	99,600	140.00	56,982	27.50	27,281	12.90	-----	-----	-----	-----

<sup>1</sup> Jan. 1 estimates include colts. Mules included with horses, Census figures, 1954 and 1959, and USDA figures, beginning 1950.

<sup>2</sup> Census figures for 1945, 1950, 1954, and 1959, animals of all ages; 1940, animals over 3 months, except hogs (over 4 months) and sheep (over 6 months).

<sup>3</sup> Not available for Florida, Georgia, and South Carolina.

<sup>4</sup> Includes Alaska and Hawaii.

Source: Census data—Department of Commerce, Bureau of the Census; *U.S. Census of Agriculture: 1959*, Vol. II. All other data—Department of Agriculture, Statistical Reporting Service; annual report, *Agricultural Statistics*, and annual livestock summaries.

## No. 938. LIVESTOCK—LIVEWEIGHT PRODUCTION AND ANNUAL AVERAGE PRICE RECEIVED BY FARMERS: 1940 TO 1961

[Price per 100 pounds. Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series K 195-212]

YEAR	ALL CATTLE			HOGS		SHEEP		
	Production <sup>1</sup> (1,000 lbs.)	Price, beef	Price, veal	Production <sup>1</sup> (1,000 lbs.)	Price	Production <sup>1</sup> (1,000 lbs.)	Price, sheep	Price, lambs
1940 .....	15,702,110	\$7.56	\$8.83	17,043,404	\$5.39	2,100,928	\$3.95	\$8.10
1945 .....	19,517,065	12.10	13.00	18,843,444	14.00	1,911,980	6.38	13.10
1950 .....	21,135,248	23.30	26.30	20,213,732	18.00	1,335,720	11.60	25.10
1955 .....	28,099,491	15.60	16.80	20,153,606	15.00	1,618,013	5.78	18.40
1956 .....	27,530,810	14.90	16.10	19,089,436	14.40	1,568,821	5.60	18.50
1957 .....	26,554,576	17.20	18.70	18,413,031	17.80	1,533,525	6.05	19.90
1958 .....	26,764,386	21.90	25.30	19,179,682	19.60	1,657,480	7.20	21.00
1959 .....	28,279,740	22.60	26.70	21,272,858	14.10	1,712,664	6.00	18.70
1960 .....	28,721,470	20.40	22.80	19,215,604	15.30	1,652,639	5.61	17.90
1961 .....	29,638,486	20.20	23.70	20,216,471	16.60	1,688,025	5.19	15.80

<sup>1</sup> Includes adjustment for livestock shipped in and inventory changes.

Source: Department of Agriculture, Statistical Reporting Service; annual report, *Agricultural Statistics*, and annual livestock summaries.

# No. 939. LIVESTOCK—RECEIPTS AND SHIPMENTS, BY KIND, BY STOCKYARDS: 1950 TO 1961

[In thousands. Excludes Alaska and Hawaii. Total for all stockyards reporting covers about 60 stockyards]

ITEM AND YEAR	Total, all stock- yards report- ing	9 STOCK YARDS										All other stock- yards report- ing
		Total	Chi- cago	Den- ver	Fort Worth	Kan- sas City	Oma- ha	South St. Jo- seph	St. Louis Nati- onal Stock Yards	Sioux City	South St. Paul	
CATTLE												
Receipts:												
1950.....	17,917	10,100	1,780	872	540	1,438	1,638	566	863	1,292	1,111	7,817
1955.....	22,507	12,570	2,317	1,032	818	1,504	2,316	799	1,079	1,386	1,229	9,037
1958.....	19,306	11,469	2,427	862	425	1,389	2,057	747	838	1,601	1,123	7,837
1959.....	19,060	11,738	2,334	836	459	1,550	2,130	814	795	1,667	1,153	7,322
1960.....	19,011	11,819	2,207	862	620	1,557	2,090	869	861	1,564	1,189	7,192
1961.....	18,147	11,262	1,972	837	560	1,482	2,020	841	779	1,579	1,183	6,885
Shipments:												
1950.....	8,357	4,304	630	478	245	764	674	176	217	796	323	4,053
1955.....	(1)	5,199	1,069	346	356	854	887	239	227	920	301	(1)
1958.....	(1)	5,458	1,325	258	249	826	760	200	547	934	359	(1)
1959.....	(1)	5,902	1,470	282	248	927	780	222	624	950	399	(1)
1960.....	(1)	5,788	1,483	281	396	861	659	219	675	815	399	(1)
1961.....	(1)	5,239	1,281	261	353	806	561	187	545	819	426	(1)
CALVES												
Receipts:												
1950.....	5,225	1,850	115	107	276	213	107	58	379	105	491	3,375
1955.....	5,036	1,871	125	112	223	259	120	75	302	118	437	3,165
1958.....	3,633	1,328	42	79	167	210	87	39	149	153	402	2,305
1959.....	3,204	1,241	30	84	161	181	91	39	133	154	368	2,023
1960.....	3,135	1,180	20	88	146	168	79	36	125	130	388	1,955
1961.....	2,823	1,020	14	86	100	137	67	27	89	106	344	1,794
Shipments:												
1950.....	2,389	838	12	84	211	112	39	24	95	87	174	1,551
1955.....	(1)	716	12	69	121	149	52	20	77	68	148	(1)
1958.....	(1)	855	18	74	154	175	28	22	62	153	169	(1)
1959.....	(1)	828	16	80	148	138	33	25	62	154	172	(1)
1960.....	(1)	750	7	85	133	123	20	17	63	130	173	(1)
1961.....	(1)	668	6	81	94	104	27	10	38	165	143	(1)
SHEEP AND LAMBS												
Receipts:												
1950.....	15,435	7,096	654	1,880	1,055	1,042	899	673	676	494	624	7,439
1955.....	15,332	7,631	643	1,481	1,137	781	952	614	632	561	829	7,701
1958.....	11,737	6,246	436	1,453	943	717	794	449	336	442	676	5,491
1959.....	12,979	7,412	501	1,766	1,075	742	926	633	354	606	809	5,567
1960.....	12,528	7,465	370	1,828	1,160	780	887	601	325	560	945	5,063
1961.....	12,561	7,818	297	1,884	1,315	809	808	618	329	560	1,138	4,743
Shipments:												
1950.....	8,859	4,133	230	1,367	582	573	359	268	233	260	320	4,726
1955.....	(1)	3,176	226	775	289	532	301	118	237	363	335	(1)
1958.....	(1)	2,722	200	524	260	543	292	137	197	303	266	(1)
1959.....	(1)	3,231	230	672	306	574	357	140	245	373	334	(1)
1960.....	(1)	3,090	150	732	304	615	347	109	188	346	299	(1)
1961.....	(1)	2,910	99	669	292	618	300	68	191	332	341	(1)
HOGS												
Receipts:												
1950.....	35,325	18,479	3,670	1,092	687	758	2,734	1,610	3,109	2,044	2,775	16,846
1955.....	34,204	18,582	3,291	602	652	592	3,376	1,732	2,936	2,078	3,322	15,622
1958.....	30,285	16,347	2,878	493	226	747	2,931	1,500	2,079	2,097	2,802	13,918
1959.....	34,751	19,273	2,808	520	431	906	3,618	1,915	3,404	2,570	3,401	16,478
1960.....	30,929	17,034	1,848	609	332	941	3,114	1,802	3,101	2,188	3,099	13,895
1961.....	29,295	16,354	1,728	520	296	1,016	3,064	1,755	2,646	2,225	3,110	12,941
Shipments:												
1950.....	11,450	4,225	499	465	59	291	553	205	833	735	584	7,234
1955.....	(1)	4,123	788	43	10	115	656	284	622	1,014	591	(1)
1958.....	(1)	4,447	755	61	16	116	689	346	1,102	765	597	(1)
1959.....	(1)	5,406	910	51	18	170	806	400	1,449	794	808	(1)
1960.....	(1)	4,926	818	26	47	280	645	438	1,425	584	653	(1)
1961.....	(1)	4,898	837	8	48	285	637	405	1,326	657	695	(1)

<sup>1</sup> Not available.

Source: Department of Agriculture, Statistical Reporting Service; annual report, *Agricultural Statistics*, and annual livestock summaries.

**No. 940. MEATS AND LARD—SLAUGHTERING, PRODUCTION, FOREIGN TRADE, AND CONSUMPTION, BY KIND: 1945 TO 1961**

[All quantities, except per capita, represent carcass weight equivalent. Excludes Alaska, Hawaii, and Puerto Rico, except for exports and imports. Excludes edible byproducts. Production of pork comprises weight of dressed hog carcass less head bones and less all carcass fat rendered into lard. Lard production represents rendered weight of lard, and lard exports represent rendered lard, including neutral lard. Excludes USDA exports and shipments for Lend-Lease, UNRRA and other claimants, and shipments for military civilian feeding and voluntary relief feeding. Civilian consumption is calculated from production and foreign trade, with an allowance for changes in stocks, and with deduction of military takings, and of deliveries to USDA. See also *Historical Statistics, Colonial Times to 1957*, series K 214-215, K 217-218, K 220-221, and K 223-224, for animals slaughtered and production, and G 552-555, for civilian per capita consumption]

ITEM AND YEAR	ANIMALS SLAUGHTERED		PRODUCTION		Exports of U.S. produc- tion	Imports for con- sumption	CIVILIAN CONSUMPTION	
	Total <sup>1</sup>	Under Federal inspection	Total	Federally inspected			Total	Per capita
	<i>1,000 head</i>	<i>1,000 head</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Pounds</i>
<b>All meats (excluding lard):</b>								
1945.....	131,866	93,167	23,691	15,359	75	130	18,742	145.2
1950.....	121,622	87,656	22,075	16,040	135	384	21,721	144.6
1955.....	137,055	102,307	26,895	20,127	189	406	26,430	162.8
1957.....	133,349	100,694	26,850	20,230	267	543	26,729	158.7
1958.....	125,423	95,173	25,658	19,475	169	1,148	25,980	151.6
1959.....	134,928	104,507	27,319	21,114	198	1,353	27,810	169.5
1960.....	135,246	104,843	28,231	21,881	195	1,048	28,652	161.5
1961 (prel.).....	134,250	105,641	28,600	22,436	196	1,326	29,062	161.2
<b>Beef:</b>								
1945.....	21,691	14,531	10,276	7,236	34	127	7,065	59.4
1950.....	18,614	13,103	9,534	7,051	21	335	9,529	63.4
1955.....	26,587	19,055	13,560	10,195	59	229	13,313	82.0
1957.....	27,068	19,454	14,202	10,704	112	390	14,242	84.6
1958.....	24,368	17,642	13,330	10,106	47	806	13,786	80.5
1959.....	23,722	17,458	13,580	10,462	61	1,047	14,202	81.4
1960.....	26,021	19,394	14,725	11,442	54	760	15,119	85.2
1961 (prel.).....	26,200	19,900	15,250	12,026	55	1,022	15,826	87.8
<b>Veal:</b>								
1945.....	13,645	7,020	1,064	823	3	1	1,536	11.9
1950.....	10,501	5,850	1,230	967	2	10	1,206	8.0
1955.....	12,864	7,499	1,578	903	3	( <sup>2</sup> )	1,531	9.4
1957.....	12,353	7,324	1,526	875	0	5	1,481	8.8
1958.....	9,738	5,672	1,186	897	2	13	1,150	6.7
1959.....	8,072	4,875	1,008	575	2	16	990	5.7
1960.....	8,611	5,260	1,108	623	2	15	1,092	6.2
1961 (prel.).....	8,050	5,005	1,050	596	2	16	1,027	5.7
<b>Lamb and mutton:</b>								
1945.....	24,639	21,218	1,054	913	4	( <sup>2</sup> )	943	7.3
1950.....	13,244	11,730	597	534	2	3	590	4.0
1955.....	16,553	14,383	758	603	1	2	753	4.6
1957.....	15,292	13,234	707	617	4	4	709	4.2
1958.....	14,495	12,307	688	592	2	41	719	4.2
1959.....	15,528	13,466	738	645	2	104	830	4.8
1960.....	16,230	14,036	768	667	2	87	852	4.8
1961 (prel.).....	17,500	15,036	825	716	2	101	916	5.1
<b>Pork (excluding lard):</b>								
1945.....	71,891	50,308	10,697	6,387	34	2	8,508	66.6
1950.....	79,263	56,064	10,714	7,788	110	33	10,390	69.2
1955.....	81,051	61,370	10,990	8,366	126	175	10,833	66.8
1957.....	78,636	60,682	10,424	8,043	144	144	10,297	61.1
1958.....	76,822	59,402	10,454	8,110	118	193	10,325	60.2
1959.....	87,606	68,708	11,093	9,432	143	186	11,797	67.6
1960.....	84,375	66,153	11,630	9,149	137	186	11,589	65.3
1961 (prel.).....	82,500	65,700	11,475	9,168	137	187	11,293	62.6
<b>Lard:</b>								
1945.....	.....	.....	2,066	1,311	559	( <sup>2</sup> )	1,509	11.6
1950.....	.....	.....	2,631	2,009	522	( <sup>2</sup> )	1,891	12.6
1955.....	.....	.....	2,060	2,140	620	( <sup>2</sup> )	1,639	10.1
1957.....	.....	.....	2,547	2,080	563	.....	1,687	9.4
1958.....	.....	.....	2,426	1,982	455	.....	1,639	9.6
1959.....	.....	.....	2,780	2,309	673	.....	1,536	8.8
1960.....	.....	.....	2,568	2,127	681	.....	1,864	7.7
1961 (prel.).....	.....	.....	2,534	2,118	483	.....	1,421	7.9

<sup>1</sup> Comprises inspected, noninspected, retail, and farm slaughter.

<sup>2</sup> Less than 500,000 pounds.

Source: Department of Agriculture, Economic Research Service; *The Livestock and Meat Situation* and *The National Food Situation*.

# **No. 941. LIVESTOCK—AVERAGE PRICES RECEIVED BY FARMERS AND AVERAGE CHICAGO MARKET PRICE, BY KIND: 1941 TO 1961**

[Milk cows, dollars per head; others in dollars per 100 pounds, live weight. Excludes Alaska and Hawaii. Prices are weighted calendar year averages, except those for milk cows at local markets, and calves, sheep, and lambs at Chicago, which are simple averages of monthly prices. See also *Historical Statistics, Colonial Times to 1967*, series K 206, 207, 209, 212, 216, 219, 222, and 225]

PERIOD OR YEAR	Milk cows at local market, per head	BEEF CATTLE <sup>1</sup>		CALVES <sup>2</sup>		SHEEP		LAMBS		HOGS	
		Local market	Chi-cago	Local market	Chi-cago	Local market	Chi-cago	Local market	Chi-cago	Local market	Chi-cago
1941-1945.....	98.68	10.86	14.41	12.26	14.36	5.96	6.45	11.08	13.89	12.58	13.14
1946-1950.....	170.20	19.64	26.20	21.78	25.92	9.29	9.85	21.28	23.83	20.16	20.46
1951-1955.....	192.00	20.18	27.71	21.52	28.90	8.92	8.76	22.42	25.21	19.16	19.17
1956-1960.....	197.00	19.40	25.21	21.94	28.35	6.09	6.00	19.20	21.25	16.24	16.33
1950.....	198.00	23.30	29.35	26.30	31.08	11.60	12.19	25.10	27.54	18.00	18.20
1955.....	146.00	15.60	22.59	16.80	24.80	5.78	5.18	18.40	20.95	15.00	14.80
1950.....	153.00	14.90	22.00	16.10	23.62	5.60	5.12	18.50	21.12	14.40	14.35
1957.....	166.00	17.20	23.48	18.70	25.93	6.05	6.55	19.90	22.37	17.80	17.89
1958.....	210.00	21.90	27.09	25.30	32.20	7.20	7.23	21.00	22.58	19.60	19.80
1959.....	233.00	22.60	27.53	26.70	31.01	6.00	5.60	18.70	20.93	14.10	14.12
1960.....	223.00	20.40	25.93	22.90	28.07	5.61	5.50	17.90	19.26	15.30	15.50
1961.....	224.00	20.20	24.46	23.70	-----	5.19	5.15	15.80	17.07	16.60	16.71

<sup>1</sup> Chicago prices are for beef steers, all grades, excluding western.

<sup>2</sup> Chicago prices are for choice grade, except year 1959 which is good grade.

Source: Department of Agriculture, Statistical Reporting Service; annual report, *Agricultural Statistics*.

# **No. 942. ANIMALS SOLD ALIVE—FARMS REPORTING, NUMBER, AND VALUE, BY KIND: 1954 AND 1959**

[1959 includes Alaska and Hawaii]

ITEM	1954						1959				
	Cattle and calves			Hogs and pigs	Sheep and lambs	Horses and mules	Cattle and calves			Hogs and pigs	Sheep and lambs <sup>1</sup>
	Total	Cattle	Calves				Total	Cattle	Calves		
Farms reporting 1,000.....	2,611	1,825	2,051	1,424	289	115	2,304	1,529	1,698	1,273	292
Number.....do.....	44,351	24,223	20,128	57,419	22,236	252	51,251	29,514	21,737	80,900	25,396
Value.....mil. dol.....	4,283	3,317	966	2,279	328	25	7,832	5,952	1,860	2,435	338

<sup>1</sup> Not available for Florida, Georgia, and South Carolina.

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Agriculture: 1959*, Vol. II.

# **No. 943. SPECIFIED LIVESTOCK PRODUCTS—QUANTITY AND VALUE, BY KIND: 1954 AND 1959**

[1959 includes Alaska and Hawaii]

PRODUCT	FARMS REPORTING		QUANTITY (1,000 units)				VALUE (\$1,000)	
	1954	1959	Unit	1954	1959		1954	1959
Any dairy products sold.....	1,474,699	1,017,508	-----	-----	-----	-----	3,334,066	4,621,591
Whole milk sold.....	984,143	770,221	Lb.....	81,831,947	97,006,342	-----	3,073,527	3,871,614
Cream sold (butterfat content).....	540,556	262,328	Lb.....	459,926	253,680	-----	260,539	149,977
Wool shorn.....	1315,489	316,946	Lb.....	1210,613	230,690	-----	113,386	96,979
Chicken eggs sold.....	1,684,531	1,067,626	Doz.....	2,654,202	3,330,265	-----	916,737	1,061,409
Chickens sold.....	1,030,287	804,001	No.....	968,688	1,620,241	-----	688,014	856,188
Turkeys raised.....	169,807	86,838	No.....	62,756	82,521	-----	( <sup>2</sup> )	( <sup>2</sup> )

<sup>1</sup> Not available for Florida, Georgia, and South Carolina.

<sup>2</sup> Not available.

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Agriculture: 1959*, Vol. II.

# Dairy Products Sold

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## No. 944. DAIRY PRODUCTS SOLD, BY STATES: 1954 AND 1959

[For composition of regions, see fig. I, p. XII]

STATE	WHOLE MILK SOLD			CREAM SOLD (butterfat content)		
	Farms reporting, 1959	Quantity		Farms reporting, 1959	Quantity	
		1954	1959		1954	1959
<b>United States.....</b>	<b>770, 221</b>	<b>1,000 lb. 81, 831, 946</b>	<b>1,000 lb. 97, 606, 342</b>	<b>262, 328</b>	<b>1,000 lb. 1, 459, 931</b>	<b>1,000 lb. 253, 680</b>
The North.....	528, 301	57, 879, 058	68, 188, 190	262, 079	393, 388	224, 077
The South.....	186, 801	12, 310, 466	15, 843, 800	37, 513	36, 718	13, 401
The West.....	55, 119	11, 042, 422	13, 574, 352	22, 736	1, 29, 825	16, 201
<b>New England.....</b>	<b>22, 252</b>	<b>3, 852, 871</b>	<b>4, 347, 255</b>	<b>816</b>	<b>1, 531</b>	<b>670</b>
Maine.....	4, 591	518, 065	635, 450	429	661	296
New Hampshire.....	2, 508	327, 046	380, 053	131	227	122
Vermont.....	5, 689	1, 505, 231	1, 768, 708	114	207	123
Massachusetts.....	3, 200	713, 896	724, 460	64	348	71
Rhode Island.....	4, 462	107, 352	114, 158	6	7	12
Connecticut.....	2, 802	680, 081	724, 416	72	81	47
<b>Middle Atlantic.....</b>	<b>87, 070</b>	<b>14, 687, 222</b>	<b>16, 502, 782</b>	<b>4, 652</b>	<b>6, 143</b>	<b>3, 211</b>
New York.....	43, 991	8, 504, 863	9, 335, 422	1, 170	1, 884	849
New Jersey.....	3, 147	1, 024, 572	998, 613	8	289	294
Pennsylvania.....	39, 932	5, 107, 787	6, 168, 748	3, 474	3, 970	2, 063
<b>East North Central.....</b>	<b>247, 814</b>	<b>28, 786, 642</b>	<b>31, 127, 850</b>	<b>21, 947</b>	<b>47, 395</b>	<b>16, 600</b>
Ohio.....	45, 861	4, 127, 731	4, 323, 381	4, 052	6, 673	2, 144
Indiana.....	32, 417	2, 725, 936	2, 558, 808	3, 433	7, 141	2, 109
Illinois.....	31, 204	3, 668, 185	3, 562, 360	6, 599	10, 348	3, 829
Michigan.....	36, 043	4, 146, 068	4, 455, 014	6, 033	18, 861	7, 426
Wisconsin.....	101, 389	14, 117, 822	16, 227, 387	630	4, 372	1, 391
<b>West North Central.....</b>	<b>171, 165</b>	<b>10, 602, 323</b>	<b>16, 210, 302</b>	<b>174, 664</b>	<b>338, 319</b>	<b>203, 597</b>
Minnesota.....	65, 254	4, 902, 062	7, 746, 060	21, 881	86, 248	36, 652
Iowa.....	35, 156	1, 730, 572	3, 406, 836	42, 720	103, 885	53, 090
Missouri.....	42, 638	2, 261, 194	2, 521, 427	12, 272	16, 135	7, 677
North Dakota.....	1, 741	130, 940	234, 562	25, 814	38, 874	36, 140
South Dakota.....	5, 383	160, 728	495, 493	20, 252	26, 860	21, 875
Nebraska.....	5, 626	393, 641	550, 027	34, 201	40, 665	33, 391
Kansas.....	15, 367	1, 022, 586	1, 255, 896	17, 524	25, 652	14, 773
<b>South Atlantic.....</b>	<b>54, 320</b>	<b>5, 075, 117</b>	<b>6, 692, 017</b>	<b>15, 423</b>	<b>9, 424</b>	<b>4, 404</b>
Delaware.....	1, 184	167, 450	178, 889	21	7	1
Maryland.....	6, 195	1, 247, 269	1, 412, 749	882	789	420
Virginia.....	16, 612	1, 090, 353	1, 519, 239	7, 684	3, 807	2, 317
West Virginia.....	5, 920	353, 745	395, 308	5, 094	3, 023	1, 334
North Carolina.....	14, 480	724, 099	956, 405	1, 062	945	192
South Carolina.....	3, 658	287, 149	406, 062	320	308	55
Georgia.....	5, 136	563, 507	735, 031	313	510	69
Florida.....	1, 135	641, 524	1, 087, 435	47	35	16
<b>East South Central.....</b>	<b>98, 306</b>	<b>3, 729, 585</b>	<b>4, 788, 474</b>	<b>8, 124</b>	<b>8, 851</b>	<b>1, 865</b>
Kentucky.....	38, 907	1, 189, 142	1, 715, 201	5, 675	6, 112	1, 303
Tennessee.....	36, 042	1, 347, 622	1, 506, 957	1, 593	1, 624	369
Alabama.....	7, 391	452, 110	535, 333	504	636	102
Mississippi.....	15, 066	740, 711	940, 983	352	470	91
<b>West South Central.....</b>	<b>34, 175</b>	<b>3, 505, 764</b>	<b>4, 363, 395</b>	<b>13, 966</b>	<b>18, 443</b>	<b>7, 131</b>
Arkansas.....	11, 452	550, 775	614, 375	2, 027	2, 690	564
Louisiana.....	3, 397	469, 462	551, 737	162	174	26
Oklahoma.....	9, 076	728, 017	952, 935	7, 711	12, 838	5, 475
Texas.....	10, 250	1, 757, 510	2, 244, 262	4, 066	2, 741	1, 066
<b>Mountain.....</b>	<b>27, 609</b>	<b>3, 033, 674</b>	<b>3, 727, 259</b>	<b>15, 419</b>	<b>19, 196</b>	<b>10, 834</b>
Montana.....	2, 121	191, 326	265, 719	5, 724	6, 054	3, 791
Idaho.....	14, 494	1, 153, 572	1, 361, 038	2, 111	2, 602	1, 420
Wyoming.....	760	103, 650	101, 197	1, 704	1, 747	1, 193
Colorado.....	3, 284	540, 881	682, 940	4, 812	6, 093	3, 796
New Mexico.....	713	140, 369	177, 800	349	531	197
Arizona.....	572	306, 840	366, 293	41	100	19
Utah.....	5, 432	539, 596	687, 635	517	771	294
Nevada.....	233	57, 480	84, 629	161	488	125
<b>Pacific.....</b>	<b>27, 510</b>	<b>8, 608, 748</b>	<b>9, 847, 093</b>	<b>7, 317</b>	<b>10, 629</b>	<b>5, 367</b>
Washington.....	9, 704	1, 345, 131	1, 638, 356	3, 386	3, 528	1, 888
Oregon.....	7, 193	877, 110	927, 693	3, 382	4, 929	2, 498
California.....	10, 435	6, 386, 507	7, 158, 327	548	2, 172	950
Alaska.....	98	(2)	15, 255	1	(2)	1
Hawaii.....	80	(2)	107, 461	(2)	(2)	(2)

<sup>1</sup> Excludes Alaska and Hawaii.    <sup>2</sup> Not available.

### No. 945. DAIRYING—COWS KEPT FOR MILK, AND PRODUCTION AND PRICES OF DAIRY PRODUCTS: 1950 TO 1961

[Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series K 226-232]

ITEM	1950	1955	1957	1958	1959	1960	1961 (prel.)
Cows and heifers, 2 yrs. old and over, kept for milk, Jan. 1.....1,000 head.....	23,853	23,462	22,016	21,265	20,132	19,527	19,342
Value per head.....dollars.....	177.00	134.00	147.00	177.00	221.00	210.00	207.00
Milk produced on farms during year.....million lb.....	116,602	122,945	125,939	123,220	121,989	122,803	125,456
Whole milk sold from farms during year <sup>1</sup> .....million lb.....	78,149	93,632	100,578	101,793	102,880	105,676	110,098
Production of dairy products:							
Butter, factory.....do.....	1,386	1,383	1,414	1,390	1,334	1,373	1,404
Cheese factory.....do.....	1,191	1,367	1,407	1,399	1,383	1,478	1,629
American.....do.....	897	1,008	1,030	989	952	1,007	(3)
Swiss (including block).....do.....	99	117	100	107	112	121	(3)
Brick, Munster, and Limburger.....do.....	36	49	50	62	52	54	(3)
Cream and Neufchâtel.....do.....	69	80	89	95	99	106	(3)
All Italian varieties.....do.....	60	86	112	131	141	158	(3)
All other varieties.....do.....	32	29	31	31	32	36	(3)
Condensed milk.....do.....	1,057	1,078	1,183	1,166	1,259	1,272	(3)
Evaporated milk, unskimmed (unsweetened).....do.....	2,882	2,680	2,448	2,298	2,268	2,177	(3)
Condensed or evaporated buttermilk.....do.....	183	63	26	19	14	8	(3)
Dry whole milk.....do.....	125	108	103	88	90	98	(3)
Nonfat dry milk solids <sup>4</sup> .....do.....	899	1,386	1,645	1,731	1,747	1,844	(3)
Dry whey.....do.....	156	211	232	233	247	277	(3)
Malted milk powder.....do.....	31	34	35	63	27	25	(3)
Ice cream of all kinds <sup>5</sup> .....million gal.....	534	629	651	658	690	699	(3)
Sherberts (excludes water ices).....do.....	17	37	37	37	40	41	(3)
Ice milk.....do.....	37	90	111	117	134	145	(3)
Wholesale prices:							
Wisconsin Cheese Exchange, twins or cheddars.....cents per lb.....	30.8	31.6	33.2	32.2	32.0	34.6	34.9
Butter, N.Y. (Grade A).....do.....	62.2	58.2	60.7	59.7	60.6	59.9	61.2
Prices received by farmers:							
Milkfat in cream.....do.....	62.0	57.7	60.5	59.3	59.4	60.5	60.8
Whole milk:							
Wholesale, per 100 lb.....dol.....	3.89	4.00	4.21	4.15	4.18	4.21	4.22
Retail.....cents per qt.....	18.5	20.7	21.3	21.3	21.4	21.7	21.7

<sup>1</sup> Comprises sales to plants and dealers, and retail deliveries by farmers direct to consumer.

<sup>2</sup> Includes whey butter. <sup>3</sup> Not available.

<sup>4</sup> Includes dry skim milk for animal feed.

<sup>5</sup> Includes ice cream made by counter freezers and by other small retailers.

Source: Department of Agriculture, Statistical Reporting Service; annual report, *Production of Manufactured Dairy Products*; also published in annual report, *Agricultural Statistics*.

### No. 946. POULTRY—NUMBER ON FARMS, VALUE, EGGS PRODUCED, AND PRICES: 1940 TO 1962

[Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series K 242-253]

YEAR	CHICKENS <sup>1</sup>				EGGS		TURKEYS			
	Number, Jan. 1	Value per head, Jan. 1	Number produced	Price per pound <sup>2</sup>	Number produced	Price per dozen <sup>2</sup>	Number, Jan. 1	Value per head, Jan. 1	Number produced	Price per pound <sup>2</sup>
	1,000	Dollars	1,000	Cents	Millions	Cents	1,000	Dollars	1,000	Cents
1940.....	438,288	.61	555,563	13.0	39,707	18.0	8,569	2.14	33,316	15.2
1945.....	516,497	1.21	799,102	25.9	56,221	37.7	7,082	5.79	42,470	33.7
1950.....	466,549	1.36	535,266	22.2	58,954	36.3	5,124	6.34	44,134	32.9
1955.....	390,708	1.05	375,288	18.6	59,526	39.5	4,917	5.33	65,471	30.2
1956.....	383,690	1.26	385,789	16.0	61,113	39.3	4,939	5.50	76,560	27.2
1957.....	391,363	1.17	399,941	13.7	61,626	35.9	5,828	5.05	81,232	23.4
1958.....	374,281	1.26	344,497	14.0	61,607	38.5	5,612	4.67	79,333	23.9
1959.....	387,602	1.26	311,212	11.0	63,335	31.4	6,105	4.66	84,294	23.9
1960.....	389,484	1.06	262,593	12.2	61,491	36.0	5,633	4.89	84,538	25.4
1961.....	360,576	1.25	281,440	10.1	61,828	35.4	6,770	4.91	107,879	18.9
1962.....	365,477	1.14	(3)	(3)	(3)	(3)	6,352	3.79	(3)	(3)

<sup>1</sup> Excludes commercial broilers. <sup>2</sup> Average annual price received by farmers.

<sup>3</sup> Not available.

Source: Department of Agriculture, Statistical Reporting Service; annual report, *Agricultural Statistics*.



# **No. 947. POULTRY AND EGGS—FARM AND COMMERCIAL PRODUCTION, BY STATES: 1956-1960 AVERAGE, AND 1961**

[Eggs in millions; other figures in thousands. For composition of regions, see fig. I, p. XII.]

STATE	EGGS PRODUCED ON FARMS		CHICKENS RAISED ON FARMS		COMMERCIAL BROILERS PRODUCED		CHICKS HATCHED BY COMMERCIAL HATCHERIES		TURKEYS RAISED	
	1956-1960, avg.	1961	1956-1960, avg.	1961	1956-1960, avg.	1961	1956-1960, avg.	1961	1956-1960, avg.	1961
<b>United States<sup>1</sup></b>	<b>61,715</b>	<b>61,828</b>	<b>400,804</b>	<b>345,098</b>	<b>1,596,519</b>	<b>1,992,143</b>	<b>2,294,756</b>	<b>2,643,514</b>	<b>81,399</b>	<b>108,131</b>
The North.....	38,396	34,751	234,360	183,985	205,035	287,450	778,121	684,597	40,847	59,404
The South.....	15,287	17,782	118,676	113,325	1,221,964	1,606,688	1,349,666	1,764,396	20,339	22,405
The West <sup>1</sup> .....	8,032	9,295	47,762	47,788	79,520	98,605	166,969	194,521	20,212	26,322
<b>New England.....</b>	<b>2,798</b>	<b>2,589</b>	<b>20,841</b>	<b>16,658</b>	<b>103,284</b>	<b>94,136</b>	<b>156,671</b>	<b>137,866</b>	<b>1,048</b>	<b>995</b>
Maine.....	747	778	6,264	5,794	52,537	58,480	68,009	63,704	112	58
New Hampshire.....	382	330	3,153	2,412	7,222	5,560	20,061	16,880	121	89
Vermont.....	178	154	1,265	910	825	583	666	488	77	38
Massachusetts.....	725	606	4,805	3,360	13,506	8,075	25,847	21,942	482	507
Rhode Island.....	81	72	582	433	1,568	1,472	3,084	(2)	30	25
Connecticut.....	685	649	4,772	3,749	27,626	19,966	49,104	36,052	225	278
<b>Middle Atlantic.....</b>	<b>8,022</b>	<b>7,034</b>	<b>41,228</b>	<b>31,254</b>	<b>58,347</b>	<b>52,618</b>	<b>138,350</b>	<b>121,958</b>	<b>2,796</b>	<b>2,606</b>
New York.....	2,040	1,764	10,263	7,475	12,754	8,469	24,127	23,153	804	773
New Jersey.....	2,401	1,941	10,409	7,609	7,154	4,700	33,257	18,320	197	180
Pennsylvania.....	3,581	3,329	20,556	16,170	38,439	38,849	81,466	80,485	1,795	1,653
<b>East North Central.....</b>	<b>11,431</b>	<b>10,291</b>	<b>66,153</b>	<b>49,225</b>	<b>87,807</b>	<b>80,631</b>	<b>234,442</b>	<b>192,318</b>	<b>11,635</b>	<b>16,695</b>
Ohio.....	2,436	2,329	13,486	10,405	16,937	13,455	45,704	37,500	3,184	3,634
Indiana.....	2,499	2,418	15,960	14,005	40,285	38,472	94,983	82,114	2,877	4,081
Illinois.....	2,705	2,270	15,439	10,029	7,687	5,144	44,763	31,206	1,172	1,346
Michigan.....	1,576	1,376	9,513	6,274	4,140	3,100	19,898	16,230	1,224	1,414
Wisconsin.....	2,214	1,898	11,765	7,012	18,758	20,459	29,094	25,268	3,259	6,220
<b>West North Central.....</b>	<b>16,145</b>	<b>14,837</b>	<b>106,144</b>	<b>86,848</b>	<b>45,597</b>	<b>60,665</b>	<b>248,158</b>	<b>232,455</b>	<b>25,368</b>	<b>39,108</b>
Minnesota.....	3,889	3,600	22,055	17,884	4,236	11,583	42,870	42,195	11,551	18,617
Iowa.....	4,968	4,752	30,862	26,308	4,033	2,888	61,438	50,375	6,955	9,836
Missouri.....	1,917	1,707	10,369	11,984	32,950	42,600	89,678	93,229	3,558	5,699
North Dakota.....	493	423	4,074	3,584	-----	-----	3,701	(2)	725	1,232
South Dakota.....	1,430	1,498	9,423	8,329	-----	-----	13,385	(2)	735	1,063
Nebraska.....	1,861	1,750	12,366	10,077	2,479	1,892	20,922	18,494	1,000	1,477
Kansas.....	1,587	1,207	11,385	8,682	1,899	1,702	16,164	12,601	843	1,184
<b>South Atlantic.....</b>	<b>6,324</b>	<b>8,458</b>	<b>54,655</b>	<b>52,547</b>	<b>692,879</b>	<b>838,773</b>	<b>771,167</b>	<b>944,934</b>	<b>11,862</b>	<b>11,320</b>
Delaware.....	126	128	1,044	1,055	90,043	80,616	73,313	(2)	576	246
Maryland.....	372	290	2,573	1,923	84,948	106,924	98,052	126,212	327	179
Virginia.....	1,006	1,143	6,954	6,412	59,305	52,331	83,408	79,599	6,295	5,352
West Virginia.....	356	359	2,316	1,890	28,812	23,126	12,175	(2)	1,369	947
North Carolina.....	1,906	2,115	16,178	14,515	125,808	186,354	137,284	196,334	1,665	2,770
South Carolina.....	640	879	6,449	7,867	16,217	20,100	22,500	28,994	962	906
Georgia.....	1,642	2,400	14,375	13,554	279,836	348,200	313,488	400,334	380	670
Florida.....	876	1,144	4,767	5,391	10,909	12,222	30,947	31,939	288	260
<b>East South Central.....</b>	<b>3,948</b>	<b>4,444</b>	<b>32,183</b>	<b>30,210</b>	<b>258,906</b>	<b>383,684</b>	<b>283,623</b>	<b>415,177</b>	<b>1,053</b>	<b>1,383</b>
Kentucky.....	977	893	8,441	6,647	15,843	16,850	19,192	12,430	420	764
Tennessee.....	991	900	8,330	6,426	26,804	33,007	44,154	50,000	172	139
Alabama.....	1,114	1,368	8,399	9,627	130,578	198,036	128,620	206,042	291	330
Mississippi.....	866	1,274	7,073	7,510	85,681	135,791	91,656	146,705	170	150
<b>West South Central.....</b>	<b>4,415</b>	<b>4,880</b>	<b>31,838</b>	<b>30,568</b>	<b>270,179</b>	<b>384,231</b>	<b>294,876</b>	<b>404,285</b>	<b>7,424</b>	<b>9,702</b>
Arkansas.....	747	1,225	6,058	6,996	137,437	229,104	132,736	215,831	2,261	3,182
Louisiana.....	444	512	4,897	4,252	19,104	24,959	19,800	26,362	71	63
Oklahoma.....	760	595	4,789	3,773	6,399	7,047	13,066	10,701	1,135	1,557
Texas.....	2,464	2,548	16,094	15,547	107,239	123,121	129,274	151,891	8,957	4,800
<b>Mountain.....</b>	<b>1,460</b>	<b>1,415</b>	<b>10,264</b>	<b>8,414</b>	<b>6,642</b>	<b>7,743</b>	<b>16,613</b>	<b>17,347</b>	<b>4,440</b>	<b>6,267</b>
Montana.....	218	200	2,191	1,804	-----	-----	1,796	1,604	38	16
Idaho.....	273	264	2,000	1,708	2,784	4,312	4,761	6,602	216	260
Wyoming.....	64	58	483	317	-----	-----	165	(2)	13	11
Colorado.....	306	276	2,153	1,400	1,229	828	4,307	2,788	1,287	1,997
New Mexico.....	127	152	707	737	-----	-----	109	(2)	75	38
Arizona.....	132	148	924	956	598	499	1,017	2,249	106	107
Utah.....	325	305	1,631	1,384	2,031	2,104	3,558	4,000	2,701	3,837
Nevada.....	18	12	115	90	-----	-----	-----	-----	4	1
<b>Pacific<sup>1</sup></b>	<b>6,572</b>	<b>7,880</b>	<b>37,498</b>	<b>39,374</b>	<b>72,878</b>	<b>90,262</b>	<b>150,356</b>	<b>177,174</b>	<b>15,772</b>	<b>20,055</b>
Washington.....	981	1,046	4,514	4,232	13,843	15,970	23,872	26,908	694	488
Oregon.....	613	602	3,074	3,046	9,376	11,619	18,041	18,951	1,457	1,892
California.....	4,978	6,232	29,010	32,096	49,659	62,673	188,443	131,315	13,711	17,765

<sup>1</sup> Excludes Alaska and Hawaii.

<sup>2</sup> Withheld to avoid disclosing individual operations. Included in region total.

Source: Department of Agriculture, Statistical Reporting Service; annual report, *Agricultural Statistics*.

# No. 948. CHICKENS ON FARMS, 1954 AND 1959, EGGS AND CHICKENS SOLD, 1959, BY STATES

[In thousands. For composition of regions, see fig. I, p. XII]

STATE	CHICKENS <sup>1</sup>				CHICKEN EGGS SOLD, 1959		CHICKENS SOLD, 1959	
	Farms reporting		Number on hand		Farms reporting	Dozens	Farms reporting	Number
	1954	1959	1954	1959				
United States.....	<sup>2</sup> 3,418.2	2,172.3	<sup>2</sup> 375,800	351,029	1,067.6	3,330,265	804.0	1,620,241
The North.....	1,428.2	965.8	244,708	205,542	702.9	2,017,432	583.8	366,441
The South.....	1,762.4	1,066.0	93,046	101,434	310.1	779,909	180.6	1,157,671
The West.....	<sup>2</sup> 227.6	140.4	<sup>2</sup> 38,047	44,054	54.7	532,924	39.6	96,129
New England.....	37.8	20.3	15,424	14,760	11.7	172,510	11.2	97,133
Maine.....	10.1	5.8	3,557	4,481	3.2	51,086	3.5	54,053
New Hampshire.....	4.9	2.5	2,640	2,004	1.5	22,297	1.4	6,534
Vermont.....	7.6	4.5	1,039	824	2.1	8,279	1.4	1,486
Massachusetts.....	7.8	3.7	4,085	3,498	2.5	41,925	2.5	10,820
Rhode Island.....	1.0	0.5	450	419	0.3	4,937	0.3	2,178
Connecticut.....	6.4	3.2	3,653	3,535	2.0	43,385	2.2	22,002
Middle Atlantic.....	157.0	93.9	49,065	42,298	58.4	477,609	49.7	73,349
New York.....	54.6	31.8	12,371	10,611	17.0	116,506	13.7	18,208
New Jersey.....	13.9	6.7	15,920	12,673	5.2	156,183	5.1	10,435
Pennsylvania.....	88.5	55.3	20,774	19,013	36.2	204,920	30.9	44,706
East North Central.....	540.5	341.0	72,197	59,378	237.5	557,568	191.8	103,213
Ohio.....	118.4	74.0	14,763	13,272	49.7	129,857	38.3	21,523
Indiana.....	103.2	62.9	14,448	13,840	44.0	137,115	37.1	42,288
Illinois.....	129.7	85.7	18,230	13,340	62.0	117,064	51.2	11,659
Michigan.....	85.2	49.3	10,773	8,375	29.8	74,177	22.4	7,409
Wisconsin.....	104.0	60.0	13,983	10,551	52.0	99,356	42.7	20,334
West North Central.....	692.9	510.7	108,023	89,106	395.4	809,745	331.1	92,747
Minnesota.....	120.4	68.1	27,401	22,190	74.8	229,429	70.2	17,466
Iowa.....	156.1	110.1	30,129	26,701	105.5	266,171	96.9	19,122
Missouri.....	153.2	107.4	14,249	10,170	59.8	71,759	41.4	39,167
North Dakota.....	42.2	30.3	4,364	2,922	22.5	16,048	15.0	1,344
South Dakota.....	50.0	41.0	9,005	8,032	36.1	74,224	32.6	4,737
Nebraska.....	81.8	64.0	12,074	10,485	52.4	87,780	43.2	6,751
Kansas.....	89.3	62.8	10,801	7,705	44.3	64,335	31.8	4,220
South Atlantic.....	630.1	366.7	37,652	44,760	103.4	332,467	72.2	599,519
Delaware.....	3.8	2.7	712	726	1.0	7,345	2.2	71,881
Maryland.....	22.5	14.1	2,706	2,093	7.1	18,205	6.6	81,906
Virginia.....	102.7	64.2	6,088	6,442	26.6	51,772	13.8	44,106
West Virginia.....	52.6	29.3	2,663	2,015	12.7	12,304	6.6	23,815
North Carolina.....	202.8	120.9	10,680	12,158	31.0	90,949	19.7	113,053
South Carolina.....	95.5	53.8	3,788	4,512	8.9	34,590	5.3	15,761
Georgia.....	122.8	65.7	7,814	11,896	12.3	110,120	15.3	237,420
Florida.....	27.4	15.9	3,201	4,918	3.8	57,181	2.6	10,977
East South Central.....	627.8	387.6	26,658	27,329	111.7	169,756	50.8	287,535
Kentucky.....	153.3	106.3	7,506	5,472	40.6	22,534	16.4	15,359
Tennessee.....	170.2	114.7	7,989	6,836	40.7	38,231	15.8	30,189
Alabama.....	137.1	70.0	5,682	7,682	13.9	58,932	10.6	143,098
Mississippi.....	167.1	96.7	5,420	7,339	16.5	50,060	8.0	98,889
West South Central.....	504.5	301.7	28,736	29,345	95.0	227,686	57.5	270,617
Arkansas.....	113.1	62.6	4,683	5,665	14.0	43,152	10.3	152,857
Louisiana.....	89.0	52.5	3,447	3,624	9.2	22,507	4.3	17,222
Oklahoma.....	91.2	59.8	5,709	4,185	22.2	25,495	12.2	8,015
Texas.....	211.2	126.9	14,898	15,871	49.6	136,532	30.8	92,523
Mountain.....	111.2	73.6	9,771	8,279	30.3	72,877	20.2	8,999
Montana.....	22.9	16.9	1,620	1,259	8.3	7,430	5.1	556
Idaho.....	23.4	15.4	1,667	1,372	6.3	11,648	4.1	2,505
Wyoming.....	8.0	5.7	531	371	2.5	2,153	1.6	132
Colorado.....	27.0	18.0	2,287	1,814	7.8	14,265	5.4	1,591
New Mexico.....	12.8	7.8	760	815	2.0	7,014	1.3	364
Arizona.....	4.3	2.4	587	621	0.7	11,098	0.6	1,597
Utah.....	11.0	6.2	2,154	1,646	2.4	18,848	1.9	2,319
Nevada.....	1.8	1.3	147	83	0.4	422	0.3	26
Pacific.....	<sup>2</sup> 116.4	66.8	<sup>2</sup> 28,276	35,775	24.4	460,047	19.4	87,220
Washington.....	36.6	20.8	4,593	4,998	8.1	60,778	5.8	17,825
Oregon.....	32.0	18.1	3,266	2,860	7.0	32,761	4.9	11,403
California.....	47.7	25.9	20,417	27,077	8.9	357,110	8.3	66,659
Alaska.....	( <sup>3</sup> )	0.1	( <sup>3</sup> )	34	0.1	359	( <sup>4</sup> )	11
Hawaii.....	( <sup>3</sup> )	1.9	( <sup>3</sup> )	806	0.4	9,039	0.4	1,321

<sup>1</sup> Chickens 4 months old and over.

<sup>2</sup> Excludes Alaska and Hawaii.

<sup>3</sup> Not available.

<sup>4</sup> 50 or less.

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Agriculture: 1959*, Vol. II.

**No. 949. COLD-STORAGE MONTHLY HOLDINGS—ANIMAL PRODUCTS, FISH, FRUITS, AND VEGETABLES: 1950, 1960, AND 1961**

[In millions of pounds, except shell eggs in thousands of 30-dozen cases, and orange juice in millions of gallons. Excludes Alaska and Hawaii, except as noted. Quantities are net weights and are as of 1st of each month. Beef and pork figures cover frozen, cured, and in process of cure. For 1961, meat figures exclude sausage and edible offal; not comparable with earlier years]

COMMODITY	1950				1960				1961			
	Jan.	Apr.	July	Oct.	Jan.	Apr.	July	Oct.	Jan.	Apr.	July	Oct.
All meats.....	725	778	638	410	544	594	591	403	423	477	496	381
Beef, including veal.....	137	110	67	89	212	174	153	171	184	153	166	179
Pork.....	474	549	469	241	204	338	351	158	170	244	240	128
Lamb and mutton.....	14	11	7	6	15	11	12	13	12	18	26	21
Frozen fish <sup>1</sup> .....	147	87	117	158	209	134	193	223	204	150	189	207
Frozen poultry <sup>2</sup> .....	203	212	122	140	317	220	150	293	301	229	213	416
Frozen turkeys.....	127	113	64	43	149	105	67	186	160	126	106	270
Shell eggs.....	110	1,296	3,067	1,558	188	181	1,110	483	76	51	365	225
Frozen eggs <sup>2</sup> .....	54	117	188	133	79	81	157	140	64	54	113	100
Cheese.....	189	158	254	327	304	262	345	346	333	841	452	501
Creamery butter.....	114	93	185	234	31	65	163	136	77	98	218	238
Cream (fluid and plastic).....	12	5	18	16	7	9	30	19	9	7	23	15
All frozen fruits.....	259	178	217	338	465	322	317	522	483	349	358	599
Strawberries.....	47	18	106	116	166	104	174	204	161	101	195	194
Cherries.....	47	30	14	75	57	29	10	78	56	28	9	136
All frozen vegetables.....	371	270	236	431	844	614	564	942	984	826	803	1,282
Lima beans.....	63	44	30	72	89	52	25	115	101	67	39	147
Peas.....	91	54	57	145	204	116	125	267	174	92	148	300
Frozen orange juice.....	2	5	11	9	22	31	45	26	14	34	50	30

<sup>1</sup> Includes Alaska. <sup>2</sup> Includes frozen turkeys.

<sup>3</sup> Frozen eggs may be converted to cases on basis of 38.5 pounds to a case in 1950, and 39.5 pounds to a case in 1960 and 1961.

Source: Frozen fish, Department of the Interior, Fish and Wildlife Service; annual bulletin, *Frozen Fish Summary*. Other figures, Department of Agriculture, Statistical Reporting Service; annual report, *Agricultural Statistics*; also published in monthly mimeographed reports.

**No. 950. FATS AND OILS—SUPPLY, DISPOSITION, AND UTILIZATION: 1940 TO 1961**

[In millions of pounds. Excludes Alaska, Hawaii, and Puerto Rico, except for exports and imports. Includes fat content of butter]

ITEM	1940	1945	1950	1955	1960	1961
<b>SUPPLY</b>						
Total.....	12,212	12,375	15,554	17,682	20,752	20,875
Production from domestic materials <sup>1</sup> .....	8,360	9,301	12,056	14,370	17,352	17,604
Imports and production from imported materials.....	1,651	904	1,320	1,047	1,075	1,133
Stocks, January 1.....	2,211	2,170	<sup>2</sup> 2,178	<sup>2</sup> 2,265	<sup>2</sup> 2,325	<sup>2</sup> 2,138
<b>DISPOSITION</b>						
Exports <sup>1,3</sup> .....	423	996	2,045	4,121	5,965	5,195
Domestic disappearance.....	9,298	9,670	<sup>4</sup> 11,623	11,579	12,649	12,868
<b>UTILIZATION (DOMESTIC)<sup>5</sup></b>						
<b>Food uses.....</b>						
Butter (fat content).....	6,143	5,732	7,016	7,655	8,241	8,743
Lard (direct).....	1,806	1,316	1,327	1,237	1,112	1,119
Shortening.....	1,901	1,609	1,906	1,642	1,366	1,417
Margarine.....	1,196	1,456	1,705	1,988	2,362	2,453
Other.....	257	499	764	1,075	1,367	1,867
<b>Nonfood uses.....</b>						
Soap <sup>6</sup> .....	982	853	1,314	1,713	2,094	2,367
Drying oil products.....	3,121	3,936	4,271	3,939	4,352	4,303
Other industrial.....	1,893	2,069	1,857	1,157	892	855
	807	874	1,193	1,125	833	831
	421	993	1,220	1,657	2,627	2,617

<sup>1</sup> Includes oil equivalent of cottonseed, soybeans, peanuts, and flaxseed exported for crushing abroad.

<sup>2</sup> Excludes stocks of coconut, palm, castor, and sperm oils held by the Government for stockpiling of strategic materials.

<sup>3</sup> Includes commercial exports, voluntary or civilian relief, reexports, shipments to Puerto Rico, Virgin Islands, Guam, and American Samoa.

<sup>4</sup> Includes Government stockpiling.

<sup>5</sup> Not adjusted for trade and change in stocks of shortening, margarine, soap, and secondaries.

<sup>6</sup> Excludes estimated oil equivalent of soap used in synthetic rubber. This use is included in "Other industrial."

Source: Department of Agriculture, Statistical Reporting Service; annual report, *Agricultural Statistics*.

# No. 951. SELECTED ANIMAL AND VEGETABLE FATS AND OILS—PRODUCTION, CONSUMPTION, AND STOCKS: 1959 TO 1961

[In millions of pounds. Excludes Alaska and Hawaii. Beginning January 1959, significant changes were made in the monthly fats and oils surveys which affected comparability in the fats and oils series. Data cover factory operations only, and therefore exclude considerable quantities of lard, tallow, and grease produced on farms and by local butcheries and small renderers, and quantities consumed and held in homes, or by hotels, restaurants, bakeries, and quantities consumed and held by painters, building contractors, garages, etc. Stocks include amounts held by, and in transit to, producers, factory consumers, and public storages, but exclude amounts held in private storages by retailers, wholesalers, and jobbers]

PRODUCT	1959				1960				1961 (prel.)			
	Pro- duc- tion	Consump- tion <sup>1</sup>		Stocks, Dec. 31	Pro- duc- tion	Consump- tion <sup>1</sup>		Stocks, Dec. 31	Pro- duc- tion	Consump- tion <sup>1</sup>		Stocks, Dec. 31
		In re- fining	In prod- ucts			In re- fining	In prod- ucts			In re- fining	In prod- ucts	
VEGETABLE OILS												
Cottonseed, crude.....	1,687	1,439	-----	201	1,816	1,643	-----	172	1,794	1,618	-----	157
Cottonseed, refined <sup>2</sup> .....	1,343	-----	1,095	253	1,526	-----	1,276	255	1,506	-----	1,323	235
Peanut, crude.....	98	86	-----	6	81	76	-----	9	97	99	-----	3
Peanut, refined <sup>2</sup> .....	82	-----	61	5	71	-----	51	5	95	-----	87	4
Corn, crude.....	321	331	-----	14	330	336	-----	19	336	353	-----	30
Corn, refined <sup>2</sup> .....	308	-----	305	13	308	-----	314	15	322	-----	316	11
Soybean, crude.....	4,344	3,591	-----	316	4,392	3,621	-----	312	4,442	3,734	-----	632
Soybean, refined <sup>2</sup> .....	3,456	-----	3,333	191	3,477	-----	3,405	157	3,593	-----	3,465	228
Coconut, crude.....	447	412	-----	<sup>3</sup> 49	495	420	-----	<sup>4</sup> 320	499	501	-----	<sup>4</sup> 303
Coconut, refined <sup>2</sup> .....	385	-----	600	12	399	-----	593	19	463	-----	653	16
Tall, crude.....	704	( <sup>5</sup> )	-----	132	789	( <sup>5</sup> )	-----	74	800	( <sup>5</sup> )	-----	82
Tall, refined <sup>2</sup> .....	138	-----	702	15	138	-----	807	14	139	-----	814	24
Linseed, raw and boiled.....	487	200	-----	105	368	180	-----	62	426	210	-----	90
Linseed, all other.....	( <sup>6</sup> )	-----	384	45	( <sup>6</sup> )	-----	385	35	( <sup>6</sup> )	-----	382	39
Chinawood or tung.....	41	-----	41	39	30	-----	39	31	16	-----	38	12
Castor <sup>2</sup> .....	( <sup>6</sup> )	-----	123	<sup>3</sup> 35	( <sup>6</sup> )	-----	121	<sup>3</sup> 25	( <sup>6</sup> )	-----	116	<sup>3</sup> 35
Palm.....	-----	-----	42	<sup>3</sup> 10	-----	53	-----	<sup>3</sup> 27	-----	-----	66	<sup>3</sup> 23
Palm kernel, crude.....	-----	50	-----	7	-----	60	-----	16	-----	62	-----	-----
Palm kernel, refined <sup>2</sup> .....	45	-----	50	2	53	-----	68	3	54	-----	72	16
ANIMAL FATS AND FISH OILS												
Lard <sup>7</sup> .....	2,609	-----	549	124	2,419	-----	559	94	2,386	-----	623	110
Tallow, edible <sup>7</sup> .....	322	-----	284	23	352	-----	295	26	435	-----	376	25
Tallow and grease, in- edible <sup>7</sup> .....	3,183	-----	1,775	325	3,313	-----	1,832	305	3,554	-----	1,737	409
Fish oils <sup>8</sup> .....	187	-----	59	66	209	-----	62	52	250	-----	65	94
SECONDARY PRODUCTS												
Baking or frying fats.....	2,252	-----	( <sup>9</sup> )	115	2,313	-----	( <sup>9</sup> )	120	2,456	-----	( <sup>9</sup> )	123
Margarine.....	1,611	-----	( <sup>9</sup> )	34	1,695	-----	( <sup>9</sup> )	33	1,724	-----	( <sup>9</sup> )	83
Salad or cooking oil.....	1,803	-----	( <sup>9</sup> )	53	1,915	-----	( <sup>9</sup> )	60	2,124	-----	( <sup>9</sup> )	200
Glycerin, crude (100% basis) <sup>9</sup> .....	268	270	-----	13	302	288	-----	26	279	269	-----	31
Glycerin (100% basis) re- fined, all grades <sup>9</sup> .....	270	-----	( <sup>9</sup> )	25	200	-----	( <sup>9</sup> )	30	260	-----	( <sup>9</sup> )	38
Fatty acids.....	681	-----	( <sup>9</sup> )	78	708	-----	( <sup>9</sup> )	97	706	-----	( <sup>9</sup> )	71

<sup>1</sup> Includes hydrogenated fats and other fats and oils "in process;" includes crude oils used directly in products.

<sup>2</sup> Production of refined oils includes once-refined only (alkali or caustic washed); stocks include hydrogenated oils and other "in process" oils. Figures on production of crude peanut oil collected by Department of Agriculture.

<sup>3</sup> Data are on a commercial stocks basis and exclude figures for stockpiles of strategic oils.

<sup>4</sup> Includes stocks held by General Services Administration which were declared no longer required for strategic stockpile.

<sup>5</sup> Withheld to avoid disclosing figures for individual companies.

<sup>6</sup> Not available.

<sup>7</sup> Production is quantity rendered; consumption and stocks include both rendered and refined. Figures on production of lard collected by Department of Agriculture.

<sup>8</sup> Includes data for menhaden, sardine, and fish oils other than cod and cod liver; production figures collected by Fish and Wildlife Service, Department of the Interior.

<sup>9</sup> Includes data for synthetic glycerin.

Source: Department of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M20K-13

## Section 25

### Forests and Forest Products

This section presents basic statistics on the area and ownership of commercial forest land and volume of timber, including annual growth and cut; forestry statistics covering the national forests and Forest Service cooperative programs; product statistics for lumber, pulpwood, woodpulp, paper and paperboard, turpentine, rosin, veneer logs; and other similar data.

The principal sources of these data are *Timber Resources for America's Future*, issued in 1958, and *National Forest Areas* and *Forest Fire Statistics*, both issued annually by the Forest Service of the Department of Agriculture; reports of the quinquennial Census of Manufactures, and monthly and quarterly issues of *Current Industrial Reports*, published by the Bureau of the Census. Additional information in this field is published in the *Annual Report* of the National Forest Reservation Commission, the *Annual Naval Stores Report* of the Department of Agriculture's Statistical Reporting Service, the monthly *Survey of Current Business* of the Office of Business Economics, and the quarterly *National Survey of Lumber Demand and Supply* of the National Lumber Manufacturers Association.

The Bureau of the Census also collects statistics on foreign trade of forest products. The Bureau of Labor Statistics publishes monthly and annual statistics of wholesale lumber prices. Information on the domestic movement of forest products is collected by the Interstate Commerce Commission and the Association of American Railroads.

The completeness and reliability of statistics of forests and forest products vary considerably. The latest data available for area of total forest land, area and ownership of commercial forest land, and annual growth and cut are for the year 1953. The data for forest land area and stand are, of course, much more reliable for areas which have been surveyed than for those which have not been surveyed. Although forest fire statistics for Federal lands are considered much better than for private lands, estimates of fire damage or causes of fires are not completely reliable.

In the field of forest products, much more data are available for lumber production and other manufactured products such as veneer and plywood, pulp and paper, naval stores, etc., than for the primary forest products such as poles and piling, fuelwood, and fence posts.

A historical series for production, imports, exports, and consumption of forest products is included in table 993.

**Alaska and Hawaii.**—For a general statement concerning the treatment of data for Alaska and Hawaii, see preface. "Conterminous area" refers to the United States excluding Alaska, Hawaii, and outlying areas.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics, Colonial Times to 1957*, series L 1-5") provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

## No. 952. FOREST LAND AREA AND OWNERSHIP OF COMMERCIAL FOREST LAND, BY STATES: 1953

[In thousands of acres. As of January 1]

STATE	Total forest land	All owner-ships	COMMERCIAL FOREST LAND <sup>1</sup>							
			Federally owned or managed			State, county, and municipal	Private			
			Total	National forest	Other		Total	Farm	Wood-using industries	Other
United States	772,000	530,161	98,874	81,314	17,560	27,216	358,250	165,217	62,382	130,651
The North	198,860	174,041	13,094	10,282	2,812	19,332	141,615	61,994	14,103	66,118
New England	31,378	30,683	904	822	82	837	28,917	6,138	8,178	14,601
Connecticut	1,990	1,973	1	1	1	154	1,818	526	( <sup>2</sup> )	1,292
Maine	17,088	16,601	90	51	39	92	16,419	2,232	6,617	7,570
Massachusetts	3,288	3,259	29	29	29	370	2,860	740	( <sup>3</sup> )	2,120
New Hampshire	4,848	4,682	585	580	5	97	4,000	1,039	771	2,190
Rhode Island	434	430	( <sup>4</sup> )	( <sup>4</sup> )	26	404	79	79	79	325
Vermont	3,730	3,713	199	191	8	98	3,416	1,522	528	1,366
Middle Atlantic	44,894	42,225	1,541	1,339	202	3,973	36,711	11,800	2,069	22,842
Delaware	454	448	1	1	1	12	435	217	( <sup>2</sup> )	124
Maryland	2,920	2,897	54	4	50	100	2,683	1,169	( <sup>3</sup> )	1,514
New Jersey	1,958	1,910	1	1	1	180	1,729	320	( <sup>3</sup> )	1,409
New York	14,450	12,002	98	98	797	11,107	3,473	1,172	6,462	6,462
Pennsylvania	15,205	15,108	492	454	38	2,737	11,879	3,424	442	8,013
West Virginia	9,907	9,860	806	881	14	87	8,878	3,197	270	5,411
Lake	55,201	53,272	7,540	5,895	1,645	13,899	31,833	15,184	3,039	13,610
Michigan	19,322	18,849	2,482	2,343	139	3,005	12,462	3,877	1,447	7,138
Minnesota	19,344	18,008	3,055	2,195	860	7,103	7,040	4,881	578	2,481
Wisconsin	16,535	16,325	2,003	1,357	646	2,891	11,431	6,426	1,014	3,991
Central	42,726	42,394	2,632	2,181	451	553	39,204	24,697	817	13,690
Illinois	3,993	3,938	216	184	32	10	3,712	3,050	( <sup>3</sup> )	662
Indiana	4,103	4,045	172	112	60	111	3,762	2,878	( <sup>3</sup> )	884
Iowa	2,510	2,505	23	3	20	10	2,463	2,321	( <sup>3</sup> )	142
Kentucky	11,497	11,448	672	455	217	53	10,721	4,903	308	5,510
Missouri	15,177	15,064	1,461	1,339	122	156	13,447	8,408	460	4,489
Ohio	5,446	5,396	88	88	( <sup>4</sup> )	209	5,099	3,047	( <sup>3</sup> )	2,052
Plains	24,661	5,492	477	45	432	65	4,950	3,575	1,375	1,375
Kansas	1,668	1,664	1	1	1	1	1,663	1,160	503	503
Nebraska	1,482	1,480	37	30	7	24	1,419	820	599	599
North Dakota	433	414	140	140	149	10	255	182	73	73
Okl. (West)	4,302	650	290	15	275	21	373	373	100	100
S. Dak. (East)	776	684	290	15	275	21	373	373	100	100
Texas (West)	16,000	600	14,196	10,372	3,824	2,483	600	900	100	100
The South	197,265	193,288	3,484	2,783	701	532	176,609	90,143	33,523	52,943
South Atlantic	47,288	46,162	3,484	2,783	701	532	42,136	29,968	5,614	6,554
North Carolina	19,513	18,976	1,304	999	305	279	17,393	13,590	2,584	1,219
South Carolina	11,943	11,891	763	624	239	153	10,975	7,530	1,696	1,749
Virginia	15,832	15,286	1,417	1,200	157	100	13,768	8,848	1,334	3,585
Southeast	96,906	94,985	6,237	3,892	2,345	1,552	87,196	45,957	15,443	25,796
Alabama	20,771	20,756	789	614	175	177	19,790	8,114	3,138	8,538
Florida	23,047	21,619	1,813	1,035	778	438	19,268	8,905	4,309	5,994
Georgia	24,057	23,969	1,557	641	916	125	22,287	15,854	4,246	2,187
Mississippi	16,473	16,440	1,245	1,036	209	473	14,722	6,958	2,002	5,162
Tennessee	12,658	12,301	833	566	267	339	11,129	6,126	1,088	3,915
West Gulf	53,071	52,151	4,475	3,697	778	399	47,277	14,218	12,466	20,593
Arkansas	19,346	19,292	2,802	2,326	476	108	16,382	6,733	4,118	5,531
Louisiana	15,990	15,899	667	536	131	181	15,051	3,160	4,281	7,610
Okl. (East)	6,027	5,257	270	180	90	79	4,908	1,700	( <sup>3</sup> )	3,208
Texas (East)	11,708	11,703	736	655	81	31	10,936	2,625	3,123	5,188
The West	241,561	117,011	71,584	60,660	10,324	5,401	40,026	13,680	14,756	11,590
Pacific Northwest	54,129	45,365	22,650	17,109	5,541	3,141	19,574	5,344	8,880	5,350
Oregon	30,261	25,875	15,067	11,435	3,632	1,040	9,708	3,458	4,733	1,577
Washington	23,868	19,490	7,583	5,674	1,909	2,101	9,806	1,886	4,147	3,773
California	42,541	17,317	9,070	8,574	497	164	8,053	1,586	3,389	3,078
No. Rocky Mountain	55,261	33,840	23,738	21,627	2,111	1,643	8,455	4,006	2,331	2,127
Idaho	21,025	13,372	9,579	9,174	405	296	1,166	1,166	1,180	621
Montana	22,330	15,727	10,187	8,930	1,248	683	4,857	2,360	1,080	1,411
S. Dak. (West)	1,393	1,266	980	972	8	63	223	150	( <sup>3</sup> )	73
Wyoming	10,513	3,475	2,092	2,542	450	71	412	325	( <sup>3</sup> )	87
So. Rocky Mountain	89,630	20,489	16,126	13,351	2,775	423	3,940	2,749	156	1,035
Arizona	19,212	3,180	3,021	2,201	820	34	125	46	( <sup>3</sup> )	79
Colorado	20,834	8,451	6,668	6,262	406	170	1,613	994	( <sup>3</sup> )	619
Nevada	12,036	109	32	30	2	77	11	( <sup>3</sup> )	66	66
New Mexico	21,329	5,735	3,839	2,903	846	163	1,733	1,355	136	242
Utah	16,219	3,014	2,566	1,865	701	56	392	343	( <sup>3</sup> )	49
Coastal Alaska	12,314	5,301	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Interior Alaska	120,000	40,000	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Hawaii	2,900	520	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )

<sup>1</sup> Comprises all land which, in 1953, was (a) producing, or physically capable of producing, usable crops of wood, (b) economically available then or prospectively, and (c) not withdrawn from timber utilization.

<sup>2</sup> Includes Alaska and Hawaii, not classified by ownership.

<sup>3</sup> Included with "Other" to avoid possible disclosure of area owned by individual industries. Therefore, State figures for "Wood-using industries" and "Other" do not add to totals because national, regional, and sectional totals show correct ownership distribution. <sup>4</sup> Less than 500 acres. <sup>5</sup> Not available.

Source: Department of Agriculture, Forest Service; *Timber Resources for America's Future*, and records.

**No. 953. LIVE SAWTIMBER AND GROWING STOCK—ANNUAL GROWTH AND ANNUAL CUT, 1952, AND VOLUME, 1953, ON COMMERCIAL FOREST LAND, BY STATES**

[Sawtimber comprises all trees (except cull trees) which contain at least 1 merchantable sawlog as defined by regional practice, and which have the following minimum diameter at breast height: Eastern region softwoods, 9 inches; Eastern region hardwoods and all species of Western region, 11 inches. Growing stock comprises all trees of commercial species which meet regional specifications for soundness and form, and which have a minimum diameter of 5 inches at breast height]

STATE	LIVE SAWTIMBER (1,000,000 bd. ft.)					GROWING STOCK (1,000,000 cu. ft.)				
	Net annual growth, 1952 <sup>1</sup>	Net annual cut, 1952 <sup>2</sup>	Net volume, 1953 <sup>3</sup>			Net annual growth, 1952 <sup>1</sup>	Net annual cut, 1952 <sup>2</sup>	Net volume, 1953 <sup>3</sup>		
			Total	Soft-wood	Hard-wood			Total	Soft-wood	Hard-wood
<b>United States<sup>4</sup></b>	<b>47,397</b>	<b>48,840</b>	<b>2,056,847</b>	<b>1,647,554</b>	<b>409,293</b>	<b>14,243</b>	<b>10,757</b>	<b>516,935</b>	<b>355,155</b>	<b>161,780</b>
<b>The North</b>	<b>12,074</b>	<b>6,706</b>	<b>266,014</b>	<b>58,942</b>	<b>207,072</b>	<b>4,659</b>	<b>1,940</b>	<b>111,498</b>	<b>23,146</b>	<b>88,352</b>
New England	1,887	1,768	51,525	27,169	24,356	878	500	24,345	9,957	14,388
Connecticut	106	19	1,859	263	1,596	68	9	1,304	158	1,146
Maine	821	1,032	28,226	16,898	11,328	375	285	12,601	5,850	6,751
Massachusetts	139	86	2,659	1,299	1,360	80	26	1,871	631	1,240
New Hampshire	472	343	10,069	5,527	4,542	212	98	4,452	2,065	2,387
Rhode Island	9	2	165	29	136	9	1	161	15	146
Vermont	310	286	8,547	3,153	5,394	134	81	3,956	1,238	2,718
<b>Middle Atlantic</b>	<b>3,160</b>	<b>1,795</b>	<b>74,351</b>	<b>13,328</b>	<b>61,023</b>	<b>1,357</b>	<b>469</b>	<b>34,483</b>	<b>5,390</b>	<b>29,093</b>
Delaware	66	40	1,234	518	716	18	11	464	217	247
Maryland	324	249	6,771	1,526	5,245	117	64	2,899	806	2,093
New Jersey	81	34	1,660	351	1,309	38	13	952	197	755
New York	1,041	630	26,883	6,517	20,366	393	141	11,675	2,544	9,131
Pennsylvania	760	428	19,306	2,881	16,425	357	131	10,629	1,020	9,609
West Virginia	908	414	18,497	1,535	16,962	434	107	7,864	606	7,258
<b>Lake</b>	<b>2,693</b>	<b>1,240</b>	<b>49,790</b>	<b>14,355</b>	<b>35,435</b>	<b>1,180</b>	<b>539</b>	<b>25,218</b>	<b>6,543</b>	<b>18,675</b>
Michigan	1,010	594	21,141	5,469	15,672	433	216	9,912	2,278	7,634
Minnesota	788	242	12,538	5,039	7,499	385	148	7,235	2,820	4,406
Wisconsin	895	404	16,111	3,847	12,264	362	174	8,071	1,436	6,635
<b>Central</b>	<b>3,963</b>	<b>1,809</b>	<b>82,671</b>	<b>3,420</b>	<b>79,251</b>	<b>1,128</b>	<b>405</b>	<b>24,624</b>	<b>1,042</b>	<b>23,582</b>
Illinois	496	173	11,694	44	11,650	135	38	3,050	14	3,036
Indiana	497	269	11,671	54	11,617	139	52	3,041	26	3,015
Iowa	210	76	4,119	—	4,119	49	17	1,183	1	1,182
Kentucky	1,410	695	27,342	2,167	25,175	365	162	7,834	571	7,263
Missouri	785	316	13,195	809	12,386	270	84	5,503	334	5,169
Ohio	556	281	14,030	346	14,304	170	53	4,013	96	3,917
<b>Plains</b>	<b>4,011</b>	<b>94</b>	<b>7,677</b>	<b>670</b>	<b>7,007</b>	<b>116</b>	<b>28</b>	<b>2,828</b>	<b>214</b>	<b>2,614</b>
Kansas	178	28	3,371	6	3,366	39	8	954	8	946
Nebraska	66	10	1,253	187	1,066	19	3	462	65	397
North Dakota	28	5	653	—	653	9	3	251	1	250
Oklahoma (West)	43	11	880	—	880	16	3	337	( <sup>5</sup> )	337
S. Dak. (East)	44	1	790	107	683	21	( <sup>5</sup> )	601	55	546
Texas (West)	42	39	730	370	360	12	11	223	85	138
<b>The South</b>	<b>24,017</b>	<b>19,599</b>	<b>357,068</b>	<b>182,933</b>	<b>174,136</b>	<b>6,807</b>	<b>5,053</b>	<b>113,701</b>	<b>51,067</b>	<b>62,634</b>
<b>South Atlantic</b>	<b>6,880</b>	<b>5,352</b>	<b>106,858</b>	<b>51,144</b>	<b>55,714</b>	<b>1,908</b>	<b>1,455</b>	<b>33,758</b>	<b>14,877</b>	<b>18,881</b>
North Carolina	2,951	2,381	44,152	22,459	21,693	802	647	13,642	6,379	7,263
South Carolina	1,851	1,411	32,299	18,876	13,423	509	380	9,613	5,288	4,325
Virginia	2,078	1,660	30,407	9,809	20,598	597	428	10,503	3,210	7,293
<b>Southeast</b>	<b>10,035</b>	<b>9,411</b>	<b>139,302</b>	<b>76,833</b>	<b>62,469</b>	<b>3,056</b>	<b>2,405</b>	<b>47,955</b>	<b>23,501</b>	<b>24,454</b>
Alabama	2,770	2,377	38,211	21,929	16,282	769	682	11,713	5,616	6,097
Florida	1,025	931	23,032	18,064	4,968	458	252	8,152	5,942	2,210
Georgia	3,174	2,890	30,920	23,112	13,808	809	750	12,692	7,773	4,919
Mississippi	1,628	2,211	25,789	11,138	14,651	716	570	6,628	3,288	6,340
Tennessee	838	993	15,350	2,590	12,760	244	252	5,770	882	4,888
<b>West Gulf</b>	<b>7,102</b>	<b>4,835</b>	<b>110,908</b>	<b>54,956</b>	<b>55,952</b>	<b>1,843</b>	<b>1,193</b>	<b>31,988</b>	<b>12,699</b>	<b>19,299</b>
Arkansas	2,263	1,552	38,817	17,777	20,540	573	380	11,762	4,318	7,444
Louisiana	2,691	1,595	41,436	18,208	23,228	687	405	11,199	3,927	7,272
Oklahoma (East)	286	142	5,580	2,230	3,350	97	39	1,780	580	1,200
Texas (East)	1,872	1,546	25,675	16,741	8,934	486	368	7,247	3,804	3,383
<b>The West</b>	<b>11,178</b>	<b>22,449</b>	<b>1,344,707</b>	<b>1,316,728</b>	<b>27,979</b>	<b>2,745</b>	<b>3,751</b>	<b>273,240</b>	<b>262,469</b>	<b>10,771</b>
<b>Pacific Northwest</b>	<b>5,977</b>	<b>14,271</b>	<b>748,876</b>	<b>731,433</b>	<b>17,443</b>	<b>1,327</b>	<b>2,394</b>	<b>146,194</b>	<b>140,581</b>	<b>5,613</b>
Oregon	3,560	8,808	433,809	424,721	9,088	686	1,609	80,973	78,298	2,675
Washington	2,417	4,462	315,067	306,712	8,355	641	782	65,221	62,282	2,938
<b>California</b>	<b>2,939</b>	<b>5,724</b>	<b>360,001</b>	<b>354,024</b>	<b>5,977</b>	<b>595</b>	<b>932</b>	<b>66,711</b>	<b>63,664</b>	<b>3,047</b>
<b>No. Rocky Mountain</b>	<b>1,534</b>	<b>1,899</b>	<b>167,022</b>	<b>165,682</b>	<b>1,340</b>	<b>603</b>	<b>329</b>	<b>42,763</b>	<b>42,390</b>	<b>473</b>
Idaho	1,139	1,125	90,015	95,809	206	354	188	21,246	21,190	107
Montana	247	664	55,770	55,075	695	172	118	16,143	15,895	248
S. Dak. (West)	61	41	3,167	3,167	—	26	9	1,287	1,287	—
Wyoming	87	70	12,070	11,631	439	51	15	4,087	3,969	118
<b>So. Rocky Mountain</b>	<b>728</b>	<b>555</b>	<b>68,808</b>	<b>65,589</b>	<b>3,219</b>	<b>220</b>	<b>109</b>	<b>17,572</b>	<b>15,934</b>	<b>1,638</b>
Arizona	134	255	19,988	19,817	171	27	42	3,700	3,624	76
Colorado	241	145	25,304	23,777	1,617	110	31	8,037	7,470	567
Nevada	5	1	672	565	7	2	( <sup>5</sup> )	151	126	25
New Mexico	311	114	15,054	14,038	1,016	72	19	3,683	3,136	547
Utah	37	40	7,800	7,392	408	9	8	2,001	1,578	423
<b>Alaska</b>	<b>128</b>	<b>86</b>	<b>89,058</b>	<b>88,951</b>	<b>107</b>	<b>32</b>	<b>12</b>	<b>18,496</b>	<b>18,473</b>	<b>23</b>

<sup>1</sup> Comprises natural growth and excludes catastrophic losses.

<sup>2</sup> Live sawtimber and pole/timber trees cut or killed by logging. <sup>3</sup> As of Jan. 1. <sup>4</sup> Excludes Hawaii.

<sup>5</sup> Less than one-half million.

Source: Department of Agriculture, Forest Service; *Timber Resources for America's Future*.

## No. 954. LIVE SAWTIMBER—VOLUME, BY SPECIES, FOR REGIONS: 1953

[In millions of board feet (log scale, International 1/4-inch rule). As of January 1. For States represented in regions shown, see table 953]

SPECIES GROUP	Total North and South	THE NORTH					THE SOUTH		
		New Eng-land	Middle Atlan-tic	Lake	Central	Plains	South Atlan-tic	South-east	West Gulf
Eastern species.....	623,082	51,525	74,351	49,790	82,671	17,677	106,858	139,302	110,908
Softwoods.....	241,875	27,169	13,328	14,355	3,420	1,670	51,144	76,833	54,956
White and red pine.....	17,330	7,602	3,577	5,015	68	—	737	331	—
Jack pine.....	2,104	1	20	2,083	—	—	—	—	—
Longleaf and slash pine.....	36,638	—	—	—	—	—	3,184	31,083	2,371
Shortleaf and loblolly pine.....	124,744	—	1,725	—	1,897	370	36,908	35,078	48,706
Other pines.....	12,251	41	1,555	—	580	—	6,148	3,625	302
Spruce and balsam fir.....	10,084	14,440	1,037	2,697	—	—	10	—	—
Hemlock.....	12,333	3,740	4,012	2,735	432	—	1,113	292	—
Cypress.....	12,682	—	—	—	280	(?)	2,761	6,097	3,544
Other.....	4,709	1,336	502	1,825	163	1,300	223	327	33
Hardwoods.....	381,207	24,356	61,023	35,435	79,251	7,007	55,714	62,469	55,952
White oak <sup>1</sup> .....	35,432	423	6,863	1,965	11,294	7	5,664	5,125	4,091
Other white oak.....	27,342	30	2,126	784	7,423	472	5,325	4,731	6,442
Red oak <sup>2</sup> .....	31,023	1,709	10,178	5,600	5,894	173	2,576	2,553	2,340
Other red oak.....	52,502	347	3,166	1,145	14,565	649	8,630	12,530	11,554
Yellow birch.....	11,701	5,824	3,024	1,890	9	—	25	11	18
Sugar maple.....	22,929	6,315	7,289	6,080	2,833	—	141	217	54
Soft maple.....	13,913	1,098	4,304	2,047	2,704	42	2,183	1,088	447
Beech.....	15,888	2,055	6,174	1,068	3,850	—	772	1,211	758
Sweetgum.....	25,750	—	883	—	910	160	6,027	8,299	8,571
Tupelo and blackgum.....	24,563	3	654	—	1,017	82	8,874	8,373	5,500
Ash.....	11,027	355	1,655	1,425	2,477	385	1,334	1,307	2,089
Hickory.....	23,896	98	2,046	1,550	6,088	55	3,535	6,111	5,218
Cottonwood and aspen.....	9,376	348	309	3,958	1,017	1,082	88	558	816
Basswood.....	6,763	112	2,026	2,759	1,271	130	192	236	38
Yellow poplar.....	16,370	107	3,035	—	3,049	—	5,675	3,845	59
Black walnut.....	2,109	—	83	27	1,408	169	162	200	64
Other.....	50,533	5,528	6,308	6,537	11,542	3,001	3,611	6,063	7,843

SPECIES GROUP	THE WEST							Coastal Alaska
	Total	Pacific Northwest			California	North-ern Rocky Moun-tain	South-ern Rocky Moun-tain	
		Total	Douglas-fir sub-region	Pine sub-region				
Western species.....	1,344,707	748,876	594,375	154,501	360,001	167,022	68,808	89,058
Softwoods.....	1,316,728	731,433	577,116	154,317	354,024	165,682	65,589	88,951
Douglas fir.....	531,868	365,912	337,251	28,661	116,912	43,220	5,824	—
Ponderosa and Jeffrey pine.....	224,209	92,232	5,000	86,332	66,741	33,061	32,175	—
True firs.....	183,705	73,508	58,428	15,080	88,717	16,983	4,407	—
Western hemlock.....	117,497	114,735	112,065	2,670	478	2,284	—	54,398
Sugar pine.....	35,121	7,737	7,418	319	27,384	—	—	—
Western white pine.....	21,393	4,771	3,244	1,527	2,131	14,474	7	—
Redwood.....	36,214	90	90	—	36,124	—	—	—
Sitka spruce.....	9,203	9,123	9,123	—	170	—	—	26,595
Engelmann and other spruces.....	36,962	3,371	410	2,961	—	17,737	15,854	173
Western larch.....	28,019	10,348	210	10,138	—	17,671	—	—
Western red cedar.....	31,654	28,198	27,575	623	2	3,454	—	4,641
California incense cedar.....	13,296	3,557	3,321	236	9,727	—	12	—
Lodgepole pine.....	30,051	3,553	334	3,219	3,807	15,891	6,800	75
Other softwoods.....	17,456	14,298	11,747	2,551	1,831	907	420	3,069
Hardwoods.....	27,979	17,443	17,259	184	5,977	1,340	3,219	107

<sup>1</sup> Includes 294 million board feet of ponderosa pine.<sup>2</sup> Less than one-half million.<sup>3</sup> *Quercus alba* and *Quercus prinus*.<sup>4</sup> *Quercus borealis*, *Quercus falcata* var. *pagodaefolia*, and *Quercus shumardii*.<sup>5</sup> Excludes ponderosa pine in the Plains region.Source: Department of Agriculture, Forest Service; *Timber Resources for America's Future*.



## No. 955. NATIONAL FOREST AREAS AND PURCHASES: 1930 TO 1961

[National forest area data are as of June 30 and include Alaska and Puerto Rico. Forest reservation purchases are for year ending June 30, and include Puerto Rico. See also *Historical Statistics, Colonial Times to 1967*, series L 1-5]

ITEM	1930	1940	1950	1955	1957	1958	1959	1960	1961
<b>NATIONAL FOREST AREAS <sup>1</sup></b>									
Gross area within established boundaries									
1,000 acres..	183, 976	228, 174	229, 341	235, 728	231, 203	231, 080	227, 350	226, 623	226, 110
Under Forest Service administration									
1,000 acres..	160, 091	170, 779	181, 205	188, 120	188, 013	188, 042	185, 806	185, 772	186, 385
<b>NATIONAL FOREST PURCHASES</b>									
Gross area approved for purchase..... acres..	538, 048	553, 077	61, 078	18, 665	17, 519	10, 463	8, 716	7, 845	10, 355
Average price per acre dollars..	2. 73	3. 98	8. 71	10. 30	23. 74	69. 40	25. 67	14. 76	22. 75
Total price.....\$1,000..	1, 468	2, 203	532	192	416	722	224	114	236

<sup>1</sup> See headnote, table 957.

Source: Department of Agriculture, Forest Service; annual report, *National Forest Areas*; and National Forest Reservation Commission, *Annual Report*.

## No. 956. NATIONAL FOREST LAND PURCHASES, BY STATES AND FOR PUERTO RICO: CUMULATIVE TO JUNE 30, 1961

[Under Act of Mar. 1, 1911, as amended by Act of June 7, 1924, and other related acts]

STATE OR OTHER AREA	Gross area (1,000 acres)	TOTAL NET AREA APPROVED FOR PURCHASE			NET AREA PURCHASED		
		Acres (1,000)	Average price per acre	Total price (\$1,000)	Acres (1,000)	Average price per acre	Total price (\$1,000)
<b>Total.....</b>	<b>54, 686</b>	<b>18, 937</b>	<b>\$3. 97</b>	<b>75, 200</b>	<b>18, 922</b>	<b>\$3. 96</b>	<b>74, 914</b>
Alabama.....	1, 252	504	3. 67	1, 851	504	3. 67	1, 851
Arkansas.....	3, 419	1, 200	2. 97	3, 569	1, 198	2. 96	3, 545
California.....	2, 885	153	8. 89	1, 358	153	8. 89	1, 359
Florida.....	1, 223	783	3. 16	2, 473	783	3. 16	2, 473
Georgia.....	1, 535	602	4. 96	2, 987	602	4. 95	2, 980
Idaho.....	727	37	3. 56	131	37	3. 56	131
Illinois.....	684	197	6. 43	1, 268	197	6. 43	1, 269
Indiana.....	722	113	7. 43	839	112	7. 38	827
Iowa.....	5	5	9. 11	43	5	9. 11	43
Kentucky.....	1, 412	459	4. 10	1, 880	459	4. 09	1, 878
Louisiana.....	957	551	2. 99	1, 651	551	2. 99	1, 651
Maine.....	93	50	6. 60	327	50	6. 60	327
Michigan.....	4, 718	1, 894	3. 07	5, 821	1, 893	3. 07	5, 807
Minnesota.....	5, 065	1, 605	3. 57	5, 786	1, 602	3. 50	5, 603
Mississippi.....	2, 090	1, 005	3. 55	3, 564	1, 005	3. 55	3, 564
Missouri.....	2, 945	1, 325	2. 34	3, 097	1, 325	2. 33	3, 090
Nevada.....	3, 835	19	9. 49	183	19	9. 49	183
New Hampshire.....	803	675	7. 77	5, 244	675	7. 77	5, 241
New Mexico.....	92	21	1. 92	40	21	1. 92	40
North Carolina.....	3, 163	1, 036	5. 20	5, 384	1, 036	5. 20	5, 384
North Dakota.....	( <sup>1</sup> )	( <sup>1</sup> )	10. 00	5	( <sup>1</sup> )	10. 00	5
Ohio.....	1, 455	107	7. 59	815	106	7. 49	790
Oklahoma.....	256	180	1. 84	333	180	1. 84	333
Oregon.....	70	53	17. 03	894	53	17. 03	894
Pennsylvania.....	713	470	6. 27	2, 948	470	6. 27	2, 948
South Carolina.....	1, 374	563	6. 23	3, 505	563	6. 23	3, 505
Tennessee.....	1, 212	563	4. 48	2, 523	563	4. 48	2, 523
Texas.....	1, 182	653	4. 62	3, 017	653	4. 62	3, 017
Utah.....	2, 969	142	3. 75	530	139	3. 50	500
Vermont.....	629	228	9. 28	2, 120	228	9. 28	2, 118
Virginia.....	3, 221	1, 455	3. 30	4, 800	1, 454	3. 29	4, 785
West Virginia.....	1, 825	906	3. 41	3, 090	904	3. 41	3, 081
Wisconsin.....	1, 974	1, 368	2. 18	2, 978	1, 367	2. 17	2, 973
Puerto Rico.....	186	14	13. 98	196	14	13. 98	196

<sup>1</sup> Less than 500 acres.

Source: National Forest Reservation Commission; *Annual Report*.

## No. 957. NATIONAL FOREST AND OTHER AREAS, BY STATES AND FOR PUERTO RICO: 1961

[In thousands of acres. As of June 30. Comprises national forests, purchase units, experimental areas, land utilization, and other areas placed under administration of Forest Service, but not given a national-forest status. See also *Historical Statistics, Colonial Times to 1957*, series L 1-2, for gross area and area under Forest Service]

STATE OR OTHER AREA	Gross area	Under Forest Service administration	Not under Forest Service administration	STATE OR OTHER AREA	Gross area	Under Forest Service administration	Not under Forest Service administration
<b>Total</b> .....	226,110	186,385	39,725	Nebraska.....	431	340	91
Alabama.....	1,201	682	659	Nevada.....	5,379	5,058	321
Alaska.....	20,777	20,742	35	New Hampshire.....	805	678	127
Arizona.....	12,156	11,401	755	New Mexico.....	10,113	9,090	1,023
Arkansas.....	8,650	2,409	1,241	New York.....	14	14	-----
California.....	24,270	19,980	4,300	North Carolina.....	3,152	1,124	2,028
Colorado.....	15,865	14,348	1,517	North Dakota.....	1,105	1,105	-----
Florida.....	1,223	1,075	148	Ohio.....	1,455	110	1,346
Georgia.....	1,924	787	1,137	Oklahoma.....	458	271	186
Idaho.....	21,645	20,350	1,295	Oregon.....	17,293	15,467	1,826
Illinois.....	684	212	472	Pennsylvania.....	713	471	242
Indiana.....	726	125	601	South Carolina.....	1,374	587	787
Iowa.....	5	5	-----	South Dakota.....	2,288	2,005	283
Kansas.....	107	107	-----	Tennessee.....	1,213	596	617
Kentucky.....	1,412	460	952	Texas.....	1,834	775	1,059
Louisiana.....	1,158	591	567	Utah.....	9,040	7,918	1,131
Maine.....	94	50	44	Vermont.....	629	232	397
Massachusetts.....	2	2	-----	Virginia.....	3,225	1,453	1,772
Michigan.....	4,738	2,581	2,157	Washington.....	10,742	9,730	1,012
Minnesota.....	5,065	2,808	2,257	West Virginia.....	1,825	901	920
Mississippi.....	2,376	1,134	1,241	Wisconsin.....	1,975	1,469	506
Missouri.....	3,021	1,374	1,646	Wyoming.....	9,598	9,145	454
Montana.....	19,056	16,636	2,421	Puerto Rico.....	186	34	152

Source: Department of Agriculture, Forest Service; annual report, *National Forest Areas*.

## No. 958. PAYMENTS TO STATES AND PUERTO RICO FROM RECEIPTS OF NATIONAL FORESTS: 1950 TO 1962

[In thousands of dollars. For years ending June 30. Payments are 25 percent of net receipts collected during the preceding fiscal year from sales of timber, grazing fees, and miscellaneous uses of national forests under Act of May 23, 1908, exclusive of (a) payments to Arizona and New Mexico on account school-section lands administered by Forest Service, (b) payments for acquisition of land, and (c) payments to State of Minnesota on account of which the State is paid 33 percent of the appraised valuation in lieu of 25 percent of the receipts from an area of the Superior National Forest]

STATE OR OTHER AREA	1950	1960	1961	1962	STATE OR OTHER AREA	1950	1960	1961	1962
<b>Total</b> .....	7,753	29,669	35,409	25,056	Nebraska.....	12	15	15	16
Alabama.....	90	320	330	182	Nevada.....	39	56	60	41
Alaska.....	5	1,158	1,198	1,212	New Hampshire.....	23	56	68	43
Arizona.....	244	457	561	402	New Mexico.....	124	255	331	146
Arkansas.....	375	940	924	871	North Carolina.....	85	233	223	133
California.....	1,146	3,980	5,801	2,693	North Dakota.....	(2)	(2)	(2)	(2)
Colorado.....	218	428	392	275	Ohio.....	3	6	9	8
Florida.....	66	226	270	215	Oklahoma.....	40	103	104	119
Georgia.....	81	237	164	198	Oregon.....	2,045	11,207	12,629	10,224
Idaho.....	418	1,281	1,907	1,121	Pennsylvania.....	14	114	147	128
Illinois.....	17	12	18	5	South Carolina.....	100	443	417	494
Indiana.....	2	5	4	11	South Dakota.....	57	114	100	64
Iowa.....	(2)	(2)	(2)	(2)	Tennessee.....	40	192	30	83
Kentucky.....	25	67	77	69	Texas.....	283	630	636	472
Louisiana.....	101	293	278	371	Utah.....	129	150	190	141
Maine.....	6	4	5	3	Vermont.....	26	33	37	46
Michigan.....	65	171	203	189	Virginia.....	38	66	70	57
Minnesota.....	68	141	165	137	Washington.....	1,108	5,243	6,489	4,310
Mississippi.....	197	670	728	684	West Virginia.....	29	116	176	98
Missouri.....	25	53	40	46	Wisconsin.....	66	88	82	78
Montana.....	251	888	1,292	511	Wyoming.....	109	211	223	155
					Puerto Rico.....	3	2	2	2

<sup>1</sup> Includes 25 percent of Tongass (Alaska) suspense account receipts as follows: For 1960, \$146,936; 1961, \$186,940; and 1962, \$190,142.

<sup>2</sup> Less than \$500.

Source: Department of Agriculture, Forest Service.

## NO. 959. FOREST TREE DISTRIBUTION PROGRAM AND COSTS: 1930 TO 1961

[In thousands. For years ending June 30, except calendar-year data for trees distributed, 1930 to 1948. Includes Hawaii and Puerto Rico]

YEAR	Trees distributed	COSTS			YEAR	Trees distributed	COSTS		
		Total	Federal contribution <sup>1</sup>	State expenditure			Total	Federal contribution <sup>1</sup>	State expenditure
1930.....	25,836	\$403	\$81	\$322	1952.....	290,065	\$3,658	\$376	\$3,282
1935.....	26,150	206	55	151	1953.....	434,982	3,088	386	3,002
1940.....	87,468	482	98	384	1954.....	465,639	4,029	383	3,046
1945.....	37,743	572	114	458	1955.....	406,571	3,920	372	3,557
1946.....	43,588	637	113	524	1956.....	560,456	4,770	429	4,341
1947.....	42,347	886	117	769	1957.....	712,272	5,769	820	4,949
1948.....	77,324	1,178	113	1,065	1958.....	764,364	7,305	1,131	6,234
1949.....	102,903	1,406	113	1,293	1959.....	945,464	6,940	658	6,201
1950.....	136,395	1,503	189	1,314	1960.....	844,599	6,573	186	6,387
1951.....	291,875	3,021	377	2,644	1961.....	774,159	7,135	104	6,941

<sup>1</sup> Provided by Clarke-McNary law, Act of June 7, 1924, as amended.

Source: Department of Agriculture, Forest Service.

## NO. 960. NATIONAL FORESTS—GRAZING, ROADS AND TRAILS, TIMBER CUT, RECEIPTS, PAYMENTS TO STATES, AND ALLOTMENTS TO FOREST SERVICE: 1940 TO 1961

[For years ending June 30, except as noted. Includes Alaska and Puerto Rico, except as noted. See also *Historical Statistics, Colonial Times to 1967*, series J 41-42 for similar but not exactly comparable data, and L 7-22]

ITEM	1940	1950	1955	1957	1958	1959	1960	1961
Livestock grazing: <sup>1,2</sup>								
Cattle, horses, and swine <sup>3</sup> .....	1,314	1,128	1,148	1,109	1,114	1,117	1,307	1,293
Sheep and goats <sup>3</sup> .....	4,968	3,013	2,830	2,623	2,609	2,555	2,574	2,491
Roads and trails:								
Road construction.....miles.....	1,709	213	767	483	394	571	477	377
Road reconstruction.....do.....	1,945	240	184	651	446	650	374	317
Trail construction and reconstr.....do.....	2,221	828	184	161	180	229	142	230
Expenditures (maint. and constr.).....\$1,000.....	23,511	15,036	29,413	35,795	44,245	30,367	43,151	45,229
Timber cut, total value.....do.....	5,168	31,140	71,231	116,098	94,762	114,579	157,094	125,170
Commercial and cost sales:								
Volume.....1,000,000 bd. ft.....	1,371	3,105	6,225	6,910	6,335	8,262	9,302	8,308
Value.....\$1,000.....	3,825	29,084	70,105	115,093	93,777	113,509	156,132	123,957
Land exchanges:								
Volume.....1,000,000 bd. ft.....	369	307	103	68	85	70	65	73
Value.....\$1,000.....	982	1,630	656	474	411	387	292	495
Free use:								
Volume.....1,000,000 bd. ft.....	326	121	106	108	121	184	123	150
Value.....\$1,000.....	394	215	204	219	228	316	216	241
Misc. forest products, value.....do.....	57	211	266	312	346	366	454	477
Receipts, total <sup>7</sup> .....do.....	5,859	34,485	70,521	111,589	91,170	121,635	140,348	104,422
Timber use.....do.....	3,943	30,269	75,044	106,873	85,899	115,194	139,903	98,425
Grazing use.....do.....	1,463	3,385	2,953	2,683	3,014	3,752	3,665	3,269
Special land use, water power, etc.....do.....	453	831	1,524	2,033	2,257	2,589	2,780	2,728
Payments to States and Puerto Rico <sup>8</sup> .....do.....	1,456	8,479	19,573	27,129	22,739	29,004	35,672	25,279
25-percent fund.....do.....	1,433	8,363	19,413	26,842	22,138	29,622	35,222	24,857
Ariz. and N. Mex. school fund.....do.....	23	72	114	106	117	114	140	99
State of Minnesota.....do.....	-----	44	46	48	48	121	123	124
Alaska (Tongass suspense account) <sup>9</sup> .....do.....	-----	-----	-----	133	67	147	187	199
Allotments to Forest Service <sup>10</sup> .....do.....	678	3,484	7,776	10,801	8,893	11,880	14,176	10,034
Roads and trails (10 percent).....do.....	573	3,346	7,766	10,791	8,885	11,870	14,166	10,024
Acquisition of lands.....do.....	105	138	10	10	9	10	10	10

<sup>1</sup> Number permitted to graze. Beginning 1960, figures include national grasslands and land utilization project lands. Calendar-year data. <sup>2</sup> Excludes Puerto Rico. <sup>3</sup> Excludes animals under 6 months of age.

<sup>4</sup> Includes forest highway construction.

<sup>5</sup> Includes collections for forest restoration or improvement under the Knutson-Vandenberg Act, 1930.

<sup>6</sup> Includes some free use not reducible to board feet.

<sup>7</sup> Beginning 1950, includes Oregon, California railroad grant lands, and Tongass (Alaska), national forest lands.

<sup>8</sup> Payments made in following year. <sup>9</sup> Total for 1948 through 1956 was \$597,133.

<sup>10</sup> For use in following year.

Source: Department of Agriculture, Forest Service.

# **No. 961. FOREST FIRES—NUMBER, AND AREA BURNED OVER ON FEDERAL AND ON STATE AND PRIVATE FOREST LANDS: 1940 TO 1961**

[Area in thousands of acres. For years ending December 31. See also *Historical Statistics, Colonial Times to 1957*, series L 100-105]

YEAR	FEDERAL LANDS, PROTECTED AREA <sup>1</sup>			STATE AND PRIVATE FORESTS <sup>2</sup>					
				On protected area			On unprotected area		
	Forest area	Number of fires	Area burned over	Forest area	Number of fires	Area burned over	Forest area	Number of fires	Area burned over
1940.....	153,723	14,076	482	281,706	73,527	2,034	146,749	107,824	22,432
1945.....	213,210	8,539	445	302,942	48,176	2,456	126,050	68,013	14,780
1950.....	212,622	8,418	391	360,564	96,578	3,407	66,130	103,404	11,720
1951.....	212,502	8,638	471	363,414	97,230	3,055	63,280	58,222	7,255
1952.....	212,518	9,634	281	368,692	118,303	6,347	58,002	60,280	7,559
1953.....	212,394	10,149	318	373,826	94,446	2,534	52,808	49,565	7,124
1954.....	217,850	8,592	176	382,387	118,681	2,787	48,722	49,614	5,830
1955.....	216,728	6,830	364	387,156	80,774	2,448	43,953	57,576	4,976
1956.....	217,108	11,341	372	389,924	82,997	1,613	41,185	49,147	4,621
1957.....	217,518	6,219	188	395,864	59,482	1,090	38,906	17,690	2,123
1958.....	215,828	12,942	288	398,306	67,366	1,173	36,464	17,602	1,819
1959.....	360,346	8,935	897	400,679	77,802	1,681	34,091	17,925	1,577
1960.....	362,836	12,090	622	402,800	77,537	1,909	32,030	13,760	1,947
1961.....	323,851	14,122	303	412,008	72,247	1,125	30,306	12,148	1,603

<sup>1</sup> Beginning 1952, includes Hawaii, and 1959, Alaska; comprises National Forests, Interior, Soil Conservation Service, TVA, Public Domain, etc.

<sup>2</sup> Includes Hawaii; beginning 1959, includes Alaska. Data reported to Forest Service by its field offices, cooperating agencies, other Government bureaus, and similar sources. Statistics on unprotected areas based on State estimates.

Source: Department of Agriculture, Forest Service; annual report, *Forest Fire Statistics*, and records.

# **No. 962. FOREST FIRES—NUMBER OF FIRES, BY CAUSE, AND EXPENDITURES FOR CONTROL OF FIRES ON FEDERAL, STATE, AND PRIVATE FOREST LANDS: 1940 TO 1961**

[Includes Hawaii; beginning 1950, number and cause of fires includes Alaska. See also *Historical Statistics, Colonial Times to 1957*, series L 106-109, for expenditures]

ITEM	1940	1950	1955	1957	1958	1959	1960	1961
<b>NUMBER AND CAUSE OF FIRES <sup>1</sup></b>								
Total.....	87,603	105,182	87,688	65,965	80,583	86,737	89,627	86,369
Lightning.....	10,913	6,518	6,282	5,799	10,913	7,244	11,068	14,868
Railroads.....	3,331	3,881	2,582	2,462	2,647	3,025	3,018	3,871
Campers.....	4,956	3,802	3,924	2,803	3,598	3,034	3,614	3,238
Smokers.....	21,066	18,287	15,882	13,348	14,198	14,330	16,030	14,328
Debris burning.....	13,307	18,768	20,338	16,128	18,361	26,249	21,870	20,893
Incendary.....	22,701	40,127	25,775	14,834	19,587	21,876	21,162	17,359
Lumbering.....	1,403	1,837	2,491	1,214	1,413	1,390	1,947	1,413
Misc. and unknown.....	9,926	11,962	10,414	9,312	9,866	9,589	10,018	11,409
<b>EXPENDITURES (\$1,000) <sup>2</sup></b>								
Total.....	9,188	28,934	39,216	45,337	52,238	54,385	56,641	59,813
Federal.....	1,988	8,551	8,945	9,386	9,410	9,401	9,401	9,384
State and county.....	5,155	18,121	28,168	33,802	40,918	43,071	45,059	48,511
Private agencies.....	2,045	2,262	2,103	2,149	1,910	1,913	2,181	1,918

<sup>1</sup> Includes fires on protected forest land only.

<sup>2</sup> For years ending June 30.

Source: Department of Agriculture, Forest Service; annual report, *Forest Fire Statistics*, and records.

## No. 963. LUMBER PRODUCTION, BY KIND OF WOOD: 1945 TO 1959

In millions of board feet. Excludes Alaska and Hawaii. Data for all years except 1954 are based on sample surveys; see source for sampling reliability. See also *Historical Statistics, Colonial Times to 1957*, series L 45-60]

KIND OF WOOD	1945	1950	1954	1955	1956	1957	1958	1959
<b>Total</b> .....	28, 122	38, 007	36, 356	37, 380	38, 199	32, 901	33, 385	37, 373
<b>Softwoods</b> .....	21, 140	30, 633	29, 282	29, 815	30, 231	27, 100	27, 379	30, 674
Cedar.....	303	<sup>1</sup> 313	382	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	<sup>1</sup> 507	( <sup>2</sup> )
Cypress.....	228	( <sup>3</sup> )	240	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Douglas fir.....	6, 237	9, 984	10, 328	10, 414	10, 195	9, 094	9, 320	10, 265
Hemlock.....	1, 039	1, 508	1, 337	1, 508	1, 322	1, 242	1, 386	1, 568
Larch.....	191	246	321	346	303	456	541	672
Ponderosa pine.....	3, 056	3, 865	3, 756	3, 063	3, 568	3, 038	3, 233	3, 374
Redwood.....	444	875	958	991	1, 125	953	917	1, 221
Southern yellow pine.....	7, 210	9, 939	7, 332	7, 360	7, 740	6, 568	6, 420	6, 981
Spruce.....	358	( <sup>2</sup> )	707	( <sup>2</sup> )	( <sup>2</sup> )	<sup>4</sup> 683	<sup>4</sup> 563	( <sup>2</sup> )
Sugar pine.....	228	425	331	390	449	( <sup>2</sup> )	385	432
White fir.....	499	1, 114	1, 804	2, 659	1, 954	2, 013	2, 475	2, 838
White pine.....	1, 269	1, 292	1, 335	1, 105	1, 110	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Other softwoods.....	78	1, 072	451	777	961	906	871	1, 122
<b>Hardwoods</b> .....	6, 982	7, 734	7, 074	7, 565	7, 968	5, 801	6, 006	6, 699
Ash.....	84	81	107	125	139	97	114	142
Basswood.....	100	( <sup>5</sup> )	112	119	123	93	101	101
Beech.....	352	325	220	226	252	230	198	191
Birch.....	152	137	150	144	170	( <sup>2</sup> )	159	160
Cottonwood.....	209	225	280	327	230	<sup>6</sup> 173	<sup>6</sup> 176	<sup>6</sup> 149
Elm.....	159	( <sup>4</sup> )	178	198	196	151	160	162
Hickory.....	159	128	111	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Maple.....	522	546	575	568	593	487	572	465
Oak.....	2, 859	3, 347	3, 451	3, 716	3, 928	2, 796	2, 882	3, 398
Sweet (red and sap) gum.....	971	758	522	529	516	346	412	441
Tupelo and black gum.....	439	342	355	364	363	287	347	295
Yellow poplar.....	578	833	592	690	752	539	615	668
Other hardwoods.....	398	652	421	559	706	446	270	527

<sup>1</sup> Incense, Port Orford, and western red cedar only; eastern red cedar included in "Other softwoods."

<sup>2</sup> Suppressed; standard error more than 15 percent.

<sup>3</sup> Included in "Other softwoods." <sup>4</sup> Engelmann and sitka.

<sup>5</sup> Included in "Other hardwoods." <sup>6</sup> Includes aspen.

Source: Department of Commerce, Bureau of the Census; reports of Census of Manufactures and Current Industrial Reports, Series M24T.

## No. 964. LUMBER PRODUCTION, CONSUMPTION, STOCKS, EXPORTS, AND IMPORTS: 1950 TO 1961

[In millions of board feet. Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series L 23-35, for similar but not identical figures from Bureau of the Census and Forest Service]

ITEM	1950	1955	1957	1958	1959	1960 (prel.)	1961 (prel.)
<b>Production</b> .....	38, 002	37, 858	32, 901	33, 385	37, 373	34, 494	31, 694
Softwoods.....	31, 528	30, 293	27, 160	27, 379	30, 674	28, 334	27, 079
Hardwoods.....	7, 374	7, 565	5, 801	6, 006	6, 699	6, 160	4, 615
<b>Consumption</b> <sup>1</sup> .....	42, 139	41, 032	36, 349	37, 144	41, 203	37, 496	36, 272
Softwoods.....	34, 664	33, 451	30, 234	30, 833	34, 244	31, 173	31, 055
Hardwoods.....	7, 475	8, 481	6, 115	6, 311	6, 959	6, 323	5, 217
<b>Gross mill stocks, end of year</b> .....	6, 383	8, 669	7, 599	7, 243	7, 347	8, 207	7, 828
Softwoods.....	4, 407	5, 386	5, 638	5, 307	5, 374	6, 134	6, 122
Hardwoods.....	1, 976	3, 283	1, 961	1, 936	1, 973	2, 073	1, 706
<b>Ratio of total mill stocks to total consumption, percent</b> .....	15	21	21	19	18	22	22
Softwoods.....	13	16	19	17	16	20	20
Hardwoods.....	26	39	32	31	28	33	33
<b>Exports</b> <sup>2</sup> .....	518	844	811	728	788	861	755
Softwoods.....	407	652	623	550	608	693	602
Hardwoods.....	111	189	188	177	179	167	153
<b>Imports</b> <sup>2</sup> .....	3, 432	3, 697	2, 962	3, 362	4, 068	3, 623	4, 248
Softwoods.....	3, 140	3, 327	2, 712	3, 155	3, 742	3, 631	4, 004
Hardwoods.....	283	266	246	235	322	287	242

<sup>1</sup> Includes exports, imports, and changes in distributors' stocks.

<sup>2</sup> Includes box shooks and railroad ties (sawed).

Source: National Lumber Manufacturers Association, Washington, D.C.; Quarterly Report of Lumber Survey Committee to the Secretary of Commerce, *National Survey of Lumber Demand and Supply*, and records.

## No. 965. LUMBER PRODUCTION, BY GEOGRAPHIC DIVISIONS: 1957 TO 1959

[In millions of board feet. Data shown for all divisions except the Mountain and Pacific are based in part on a sample of sawmills and are estimates which may vary from the figures which would be obtained from a complete census. See figure I, p. XII, for States comprising geographic divisions. See also *Historical Statistics, Colonial Times to 1957*, series L 36-44, for data by regions]

GEOGRAPHIC DIVISION	1957			1958			1959		
	Production	Per cent	Standard error <sup>1</sup> (per cent)	Production	Per cent	Standard error <sup>1</sup> (per cent)	Production	Per cent	Standard error <sup>1</sup> (per cent)
United States <sup>2</sup> .....	32,901	100.0	5	33,385	100.0	5	37,373	100.0	5
New England.....	(3)			679	2.0	5	776	2.1	10
Middle Atlantic.....	792	2.4	10	825	2.5	5	(3)		
East North Central.....	1,440	4.4	10	1,035	3.1	5	1,131	3.0	5
West North Central.....	(3)			524	1.6	5	543	1.4	10
South Atlantic.....	5,611	17.0	10	5,179	15.5	5	6,011	16.1	5
East South Central.....	2,611	7.9	5	2,720	8.1	5	2,853	7.6	5
West South Central.....	2,642	8.0	10	2,721	8.2	5	3,362	9.0	5
Mountain.....	3,120	10.1	10	3,331	10.1	5	3,990	10.7	5
Pacific <sup>2</sup> .....	15,440	46.9	5	16,321	48.9	5	18,025	48.2	5

<sup>1</sup> See Technical Note, p. 771, for explanation of standard error.

<sup>2</sup> Excludes Alaska and Hawaii. <sup>3</sup> Suppressed; standard error more than 15 percent.

Source: Department of Commerce, Bureau of the Census; reports of Census of Manufactures and Current Industrial Reports, Series M24T.

## No. 966. PRODUCTION, NET IMPORTS, AND NEW SUPPLY OF INDUSTRIAL TIMBER PRODUCTS FROM ROUNDWOOD: 1940 TO 1960

[In millions of cubic feet. Excludes Alaska and Hawaii, except as noted. Excludes fuelwood. See also *Historical Statistics, Colonial Times to 1957*, series L 72-84]

ITEM	1940	1945	1950	1955	1956	1957	1958	1959	1960
Total:									
Domestic production.....	6,975	6,605	8,525	9,205	9,680	8,690	8,575	9,480	9,270
Net imports.....	400	680	1,385	1,310	1,300	1,210	1,250	1,445	1,310
New supply.....	7,910	7,660	9,965	10,575	10,835	10,105	9,900	10,900	10,410
Sawlogs:									
Domestic production.....	4,845	4,365	5,905	5,785	5,920	5,100	5,160	5,730	5,410
Net imports.....	135	100	455	430	420	835	415	515	480
New supply <sup>2</sup> .....	5,340	4,745	6,330	6,230	6,205	5,690	5,000	6,165	5,780
Veneer logs:									
Domestic production.....	235	250	345	575	580	555	620	755	730
Net imports.....	15	10	10	60	65	75	80	115	95
New supply.....	230	240	350	640	645	625	700	870	820
Pulpwood: <sup>3</sup>									
Domestic production.....	935	1,140	1,500	2,155	2,420	2,305	2,115	2,285	2,450
Net imports.....	440	500	925	820	905	800	755	815	735
New supply <sup>4</sup> .....	1,375	1,730	2,510	3,015	3,225	3,070	2,920	3,155	3,130
Other products, new supply <sup>5</sup> .....	965	845	770	600	760	730	680	710	680

<sup>1</sup> Net exports. <sup>2</sup> Includes changes in stocks.

<sup>3</sup> Includes Alaska. <sup>4</sup> Beginning 1945, includes changes in stocks.

<sup>5</sup> Includes coopers logs, poles and piling, fence posts, hewn ties, round mine timbers, box bolts, etc.

Source: Department of Agriculture, Forest Service. (Based in part on reports of Department of Commerce, Bureau of the Census; Current Industrial Reports series.)

## No. 967. STUMPAGE AND LUMBER PRICES FOR SELECTED SPECIES: 1940 TO 1960

[In dollars per 1,000 board feet. See also *Historical Statistics, Colonial Times to 1957*, series L 85-91]

YEAR	STUMPAGE PRICES				Douglas-fir lumber prices (wholesale)
	Douglas-fir	Southern pine	Sugar pine	Ponderosa pine	
1940.....	2.30	4.50	3.00	2.20	22.20
1945.....	5.00	9.30	7.30	5.60	39.00
1950.....	16.40	26.70	25.00	18.30	73.30
1955.....	28.90	32.00	30.00	26.10	80.90
1956.....	37.70	37.40	34.90	27.20	81.20
1957.....	26.20	31.60	30.00	24.20	71.80
1958.....	21.80	31.10	23.50	19.10	69.40
1959.....	36.80	35.20	26.70	20.60	78.90
1960.....	32.00	34.50	29.00	19.10	76.00

Source: Department of Agriculture, Forest Service.

# No. 968. WHOLESALE PRICE INDEXES OF SELECTED TIMBER PRODUCTS: 1940 TO 1961

(1957-59=100. Includes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series L 02-06)

YEAR	Lumber	Plywood <sup>1</sup>	Woodpulp	Paper	Paperboard
1940.....	28.0	38.5	42.1	44.3	35.7
1945.....	42.2	48.0	52.7	50.5	47.4
1950.....	93.9	122.9	79.4	74.7	77.1
1955.....	102.4	116.4	93.8	91.1	93.3
1957.....	98.5	97.3	98.7	99.6	100.1
1958.....	97.0	98.3	100.7	99.8	100.0
1959.....	104.5	104.5	100.7	100.6	99.9
1960.....	99.8	90.5	100.2	102.0	99.4
1961.....	94.7	87.6	95.0	102.2	92.7

<sup>1</sup> Softwood plywood, interior grade A-D.

Source: Department of Labor, Bureau of Labor Statistics.

# No. 969. PRODUCTION OF MILLWORK PRODUCTS AND PAINTS: 1950 TO 1961

[Excludes Alaska and Hawaii, except as noted]

ITEM	1950	1955	1958	1959	1960	1961 (prel.)
Hardwood flooring..... mil. bd. ft.....	1,077	1,268	927	1,034	915	823
Douglas fir plywood..... mil. sq. ft., 3/8" basis.....	2,676	5,284	6,340	7,736	7,743	8,510
Insulating boards..... 1,000 tons.....	838	1,100	1,057	1,171	1,103	1,005
Hardboard..... do.....	381	530	600	734	1,686	1,730
Ponderosa pine doors <sup>2</sup> ..... 1,000 units.....	3,330	2,253	1,829	2,474	1,948	1,988
Hardwood doors <sup>2</sup> ..... do.....	1,221	6,786	4,308	4,613	3,763	4,570
Sash <sup>2</sup> ..... do.....	9,414	12,734	9,432	11,049	7,958	8,814
Exterior frames <sup>2</sup> ..... do.....	4,644	7,280	6,247	7,118	5,345	6,053
Paint, varnish, and lacquer <sup>3</sup> ..... 1,000,000 gal.....	(4)	255	321	346	344	335

<sup>1</sup> Includes Alaska.

<sup>2</sup> Covers only reports from members of National Woodwork Manufacturers' Association, not adjusted to represent full coverage. <sup>3</sup> Production for trade sales. Beginning 1958, figures not comparable with previous years because of different method of collection. <sup>4</sup> Not available.

Source: Data compiled by Department of Commerce, Business and Defense Services Administration, from reports by various trade associations and Bureau of the Census; published in *Business and Defense Services Administration, Construction Review*.

# No. 970. TURPENTINE, ROSIN, AND NAVAL STORES—PRODUCTION: 1930 TO 1962

[In barrels of 50 gallons, except rosin in drums of 520 pounds net. For crop years ending March 31. Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series L 70-71, for crop years beginning April 1]

PRODUCT	1930	1940	1950	1955	1960	1961	1962
<b>TURPENTINE</b>							
Total.....	724,683	604,778	673,290	617,800	636,750	604,770	637,110
Gum.....	626,417	382,781	323,010	175,940	107,400	118,950	152,810
Wood.....	98,266	221,997	350,280	441,860	529,350	485,820	484,300
Steam distilled.....	85,736	158,575	199,630	207,700	175,950	162,880	151,470
-destructively distilled.....	9,624	6,791	3,150	2,410	(1)	(1)	(1)
Sulphate.....	2,906	50,631	147,500	231,750	353,400	322,940	332,830
<b>ROSIN</b>							
Total.....	2,069,830	1,813,710	2,023,510	1,870,070	1,915,770	2,009,960	2,051,060
Gum.....	1,696,400	1,054,236	924,900	527,700	334,110	370,150	474,500
Wood, steam distilled <sup>2</sup> .....	373,430	759,474	1,098,610	1,342,370	1,198,690	1,219,850	1,105,410
Tall oil.....					382,970	419,960	471,150
<b>MISCELLANEOUS NAVAL STORES</b>							
Dipentene.....	(1)	(1)	29,710	32,010	20,620	22,140	23,550
Pine oil.....	(1)	(1)	141,260	189,310	197,140	166,950	181,640
Other monocyclic hydrocarbons.....	(1)	(1)	44,030	76,210	73,070	93,100	77,990
Rosin oil.....	(1)	(1)	21,500	20,000	32,080	32,370	34,680

<sup>1</sup> Not reported. <sup>2</sup> Beginning 1950, total primary production of FF wood rosin.

Source: Department of Agriculture, Statistical Reporting Service; *Annual Naval Stores Report*, and records.

## No. 971. PULPWOOD, WOODPULP, PAPER AND PAPERBOARD: 1930 TO 1961

[Cords of 128 cu. ft.; tons of 2,000 lbs. Beginning 1954, includes Alaska. See also *Historical Statistics, Colonial Times to 1967*, series L 61, L 64, and L 67]

YEAR	Pulpwood production <sup>1</sup>	Woodpulp production <sup>2</sup>	Paper and paperboard production <sup>3</sup>	YEAR	Pulpwood production <sup>1</sup>	Woodpulp production <sup>2</sup>	Paper and paperboard production <sup>3</sup>
	1,000 cords	1,000 tons	1,000 tons		1,000 cords	1,000 tons	1,000 tons
1930.....	6,099	4,630	10,169	1952.....	25,065	16,473	24,418
1935.....	6,691	4,926	10,479	1953.....	20,319	17,537	26,540
1940.....	12,869	8,960	14,484	1954.....	20,972	18,256	26,876
1945.....	15,253	10,167	17,371	1955.....	30,948	20,740	30,178
1946.....	16,982	10,707	19,278	1956.....	35,196	22,131	31,441
1947.....	18,542	11,946	21,114	1957.....	34,422	21,800	30,678
1948.....	20,026	12,872	21,807	1958.....	33,299	21,796	30,823
1949.....	17,619	12,207	20,815	1959.....	36,716	24,383	34,054
1950.....	20,712	14,849	24,375	1960.....	40,011	25,816	34,461
1951.....	25,128	16,524	26,047	1961 (prel.).....	40,366	26,471	35,709

<sup>1</sup> Includes slabs, chips, and mill waste. Production is equal to receipts from domestic sources by wood pulp mills located in the United States.

<sup>2</sup> Beginning 1940, data on a new basis, i.e., figures include data for 6 mills not classified as pulp producers before 1940. 1940 figure on old basis, 8,851,740 tons.

<sup>3</sup> Beginning 1945, data on a new basis, i.e., figures include data for 25 mills not previously classified as producers of paper and paperboard.

Source: Department of Commerce, Bureau of the Census. Published currently in *Current Industrial Reports*, Series M26A.

## No. 972. PULPWOOD CONSUMPTION AND VENEER AND PLYWOOD LOG CONSUMPTION AND PRODUCTION, BY KIND OF WOOD: 1945 TO 1961

[Excludes Alaska and Hawaii, except as noted]

YEAR	PULPWOOD CONSUMPTION <sup>1</sup>			VENEER AND PLYWOOD				
	Total	Softwood	Hardwood	Log consumption		Softwood plywood <sup>2</sup>	Production	
				Softwood <sup>3</sup>	Hardwood <sup>3</sup>		Hardwood <sup>3</sup>	
							Vencer	Plywood
<i>1,000 cords <sup>4</sup></i>	<i>1,000 cords <sup>4</sup></i>	<i>1,000 cords <sup>4</sup></i>	<i>1,000 ft., log scale</i>	<i>1,000 ft., log scale</i>	<i>1,000 sq. ft., <math>\frac{3}{8}</math> in. equiv.</i>	<i>1,000 sq. ft., surface measure</i>	<i>1,000 sq. ft., surface measure</i>	
1945.....	16,912	14,520	2,392	545,762	1,222,382			
1946.....	17,818	15,384	2,433	641,738	1,436,065			
1947.....	19,714	17,022	2,692	750,633	1,700,446			
1948.....	21,189	18,491	2,699	857,722	1,953,883			
1949.....	19,945	17,330	2,615	906,709	1,976,649			
1950.....	23,627	20,406	3,221	1,157,202	2,675,580			
1951.....	26,622	22,768	3,753	1,231,643	1,039,075	2,994,773	11,061,946	<sup>5</sup> 1,467,248
1952.....	26,461	22,661	3,800	1,307,550	988,918	3,178,344	10,345,682	<sup>5</sup> 1,423,521
1953.....	28,141	23,763	4,378	1,861,435	953,504	3,848,062	10,105,608	1,304,769
1954.....	29,679	24,891	4,788	(e)	(e)	3,989,327	(e)	(e)
1955.....	33,356	27,728	5,628	2,430,978	1,001,679	5,283,958	10,603,028	1,643,900
1956.....	35,749	29,691	6,058	2,402,712	(e)	5,432,421	(e)	(e)
1957.....	35,746	29,440	6,300	2,454,572	(e)	5,653,182	(e)	(e)
1958.....	35,248	28,807	6,351	2,883,740	(e)	6,487,011	(e)	(e)
1959.....	38,691	30,885	7,806	3,488,369	(e)	7,735,917	(e)	(e)
1960.....	40,485	32,061	8,424	3,446,374	(e)	7,743,060	(e)	(e)
1961 (prel.).....	42,318	33,263	9,055	3,872,046	(e)	8,448,352	(e)	(e)

<sup>1</sup> Beginning 1953, includes Alaska.

<sup>2</sup> West coast softwood plywood industry, principally Douglas fir; includes some hardwood.

<sup>3</sup> Veneer and plywood industry other than west coast companies; includes some softwood.

<sup>4</sup> Cords of 128 cu. ft. (rough wood basis).

<sup>5</sup> Excludes hardwood plywood produced in west coast softwood plywood mills amounting to 54,305,000 square feet,  $\frac{3}{8}$ " basis, in the first nine months of 1951 and 76,871,000 square feet,  $\frac{3}{8}$ " basis, in 1952.

<sup>6</sup> Not available.

Source: Department of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M24H and M26A.



**NO. 973. PAPER AND BOARD—PRODUCTION, BY TYPE: 1950 TO 1961**  
 [In thousands of tons of 2,000 pounds. Beginning 1955, includes Alaska]

TYPE OF PAPER AND BOARD	1950	1955	1957	1958	1959	1960	1961 (prel.)
<b>All types.....</b>	<b>24,375</b>	<b>30,178</b>	<b>30,678</b>	<b>30,823</b>	<b>34,054</b>	<b>34,460</b>	<b>35,769</b>
<b>Paper.....</b>	<b>10,639</b>	<b>12,905</b>	<b>13,593</b>	<b>13,497</b>	<b>15,070</b>	<b>15,413</b>	<b>15,833</b>
Newsprint.....	1,013	1,459	1,797	1,726	1,924	2,004	2,074
Groundwood paper, uncoated.....	705	886	855	824	908	931	944
Paper—machine-coated, printing and converting paper.....	1,020	1,312	1,537	1,559	1,706	1,875	1,846
Book paper, uncoated.....	1,580	1,740	1,659	1,654	1,894	1,862	1,977
Fine paper.....	1,107	1,450	1,511	1,535	1,759	1,771	1,892
Coarse paper.....	3,297	3,687	3,663	3,613	3,999	3,905	3,982
Special industrial, incl. absorbent.....	460	610	659	642	752	758	773
Sanitary tissue.....	1,148	1,521	1,666	1,725	1,882	1,977	2,099
Tissue paper, except sanitary and thin.....	217	240	246	220	246	240	246
<b>Paperboard.....</b>	<b>10,926</b>	<b>13,867</b>	<b>14,060</b>	<b>14,150</b>	<b>15,480</b>	<b>15,668</b>	<b>16,597</b>
Liners.....	3,872	5,109	5,177	5,170	5,747	5,973	6,402
Corrugating material.....	1,634	2,193	2,227	2,185	2,459	2,448	2,628
Container chip and filler board.....	325	250	225	215	235	233	278
Folding boxboard <sup>1</sup> .....	2,350	2,592	2,632	2,774	2,904	2,905	2,920
Special food board.....	656	1,154	1,281	1,350	1,447	1,478	1,578
Other bending board <sup>1</sup> .....	129	183	236	151	183	190	432
Set-up boxboard.....	713	797	775	736	805	779	636
Other nonbending board.....	164	257	261	250	263	235	461
Special paperboard stock.....	998	1,226	1,148	1,180	1,331	1,274	1,122
Cardboard.....	87	86	84	110	100	108	134
Other paperboard.....	.....	21	14	20	.....	.....	.....
<b>Wet machine board.....</b>	<b>165</b>	<b>179</b>	<b>134</b>	<b>121</b>	<b>145</b>	<b>168</b>	<b>130</b>
Shoe board.....	49	55	55	52	55	55	51
Binder's board.....	42	47	49	44	50	52	53
Other.....	74	77	30	24	40	61	26
<b>Construction paper and board.....</b>	<b>2,646</b>	<b>3,228</b>	<b>2,891</b>	<b>3,055</b>	<b>3,359</b>	<b>3,211</b>	<b>3,209</b>
Construction paper.....	1,425	1,598	1,328	1,380	1,454	1,422	1,375
Insulating board.....	838	1,100	994	1,057	1,171	1,103	1,005
Wood fibre hardboard.....	383	530	569	609	734	686	730

<sup>1</sup> Beginning 1958 "Folding boxboard" includes "Solid bleached chemical board, except special food board and bleached liner board;" prior to 1958, this grade was reported under "Other bending board."

Source: Department of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M26A.

**NO. 974. NEWSPRINT—PRODUCTION, STOCKS, CONSUMPTION, IMPORTS, AND PRICE:**  
**1940 TO 1961**

[In thousands of tons of 2,000 pounds, except price]

COUNTRY AND ITEM	1940	1945	1950	1955	1958	1959	1960	1961
<b>CANADA, INCLUDING NEWFOUNDLAND</b>								
Production.....	3,770	3,592	5,270	6,191	6,096	6,394	6,739	6,735
Shipments from mills.....	3,804	3,553	5,311	6,236	6,043	6,425	6,752	6,707
Stocks at mills, end of year.....	224	137	89	80	185	154	140	167
<b>UNITED STATES<sup>1</sup></b>								
Consumption by publishers <sup>2</sup> .....	2,856	2,455	4,542	5,045	4,950	5,328	5,532	<sup>3</sup> 5,461
Production.....	1,013	724	1,015	1,552	1,758	1,964	2,038	<sup>3</sup> 2,094
Shipments from mills.....	1,013	725	1,017	1,550	1,761	1,963	2,031	<sup>3</sup> 2,086
Stocks, end of year:								
At mills.....	13	6	8	8	16	18	20	<sup>3</sup> 33
At and in transit to publishers.....	356	266	425	458	652	659	628	<sup>3</sup> 684
Imports <sup>4</sup> .....	2,763	2,669	4,864	5,164	4,884	5,255	5,412	5,463
Wholesale price, average <sup>5</sup> .....dollars per ton.....	50.00	60.25	101.63	125.94	134.40	134.40	134.40	134.40

<sup>1</sup> Excludes Alaska and Hawaii, except as noted.

<sup>2</sup> As reported by publishers accounting for about 75 percent of total newsprint consumption in 1961.

<sup>3</sup> Includes Alaska and Hawaii for stocks, for consumption beginning January 1961, and for production and shipments beginning July 1961.

<sup>4</sup> Based on reports of the Bureau of the Census. Includes Alaska, Hawaii, and Puerto Rico.

<sup>5</sup> Source: Department of Labor, Bureau of Labor Statistics. Includes Alaska and Hawaii. Standard newsprint, rolls, contract, delivered to principal ports. Annual averages; prior to 1950, represents New York price for rolls.

Source: Department of Commerce, Office of Business Economics (except as noted); based on data from the American Newspaper Publishers Association, New York, N.Y., and The Newsprint Service Bureau, New York, N.Y. Monthly data published in *Survey of Current Business*.

## No. 975. WOODPULP PRODUCTION, BY PROCESS AND BY STATES: 1939 TO 1960

[In thousands of tons of 2,000 pounds. Includes Alaska]

PROCESS AND STATE	1939	1947	1950	1955	1957	1958	1959	1960
<b>Total</b> .....	6,993	11,946	14,849	20,740	21,800	21,795	24,383	25,316
<b>PROCESS</b>								
Special alpha and dissolving grades.....			479	983	1,011	929	1,100	1,138
Bleached sulfite.....	1,946	2,796	1,029	1,909	1,957	1,849	1,908	2,045
Unbleached sulfite.....			741	640	618	532	571	533
Bleached sulfate.....			909	1,433	3,202	4,067	4,575	5,032
Semibleached sulfate.....	2,963		193	360	423	503	602	714
Unbleached sulfate.....		4,255	5,709	7,065	7,051	7,647	8,540	8,081
Soda.....	442	492	522	440	428	429	481	420
Groundwood.....	1,445	2,050	2,216	2,729	3,089	2,890	3,230	3,292
Semichemical.....			686	1,408	1,583	1,622	1,924	1,901
Defibrated or exploded.....	198		693	935	1,059	1,133	1,239	1,205
Screenings, damaged, etc.....		114	140	144	120	95	101	102
<b>STATE</b>								
California.....		19	120	(1)	(1)	(1)	(1)	(1)
Florida.....	449	783	1,208	2,031	2,137	2,102	2,374	2,320
Georgia.....	(1)	(1)	1,092	2,028	2,192	2,139	2,421	2,020
Illinois.....		(1)	79	(1)	(1)	(1)	(1)	(1)
Louisiana.....	590	1,120	1,381	1,598	1,526	1,434	1,516	1,779
Maine.....	941	1,237	1,183	1,484	1,561	1,410	1,520	1,066
Michigan.....	200	233	240	290	302	390	493	515
Minnesota.....	161	392	(1)	(1)	(1)	(1)	(1)	622
Mississippi.....	(1)	476	779	1,053	1,060	(1)	(1)	(1)
New Jersey.....		69	79	95	78	83	73	68
New Hampshire.....	(1)	174	(1)	256	(1)	(1)	(1)	(1)
New York.....	461	646	579	566	538	516	521	513
North Carolina.....	180	474	(1)	925	1,111	1,113	1,244	1,291
Ohio.....	(1)	(1)	63	(1)	(1)	120	149	157
Pennsylvania.....	194	289	308	359	410	410	426	441
Oregon.....	288	436	527	834	897	970	1,023	1,034
Texas.....	(1)	(1)	(1)	485	579	568	624	(1)
Virginia.....	403	630	751	998	1,014	1,095	1,165	(1)
Washington and Alaska.....	1,126	1,591	1,871	2,711	2,793	2,592	2,805	3,087
Wisconsin.....	656	923	975	1,168	1,191	1,181	1,229	1,267
Other States.....	1,345	2,445	3,614	3,860	4,411	5,672	6,800	7,946

<sup>1</sup> Included in "Other States" to avoid disclosing data for individual establishments.

Source: Department of Commerce, Bureau of the Census; reports of Census of Manufactures and Current Industrial Reports, Series M26A and M26A(60)-13.

## No. 976. WOOD PRODUCTS TREATED WITH PRESERVATIVES: 1930 TO 1961

[In thousands of cubic feet. Includes Alaska and Hawaii]

PRODUCT	1930	1935	1940	1945	1950	1955	1959	1960	1961
<b>Total</b> .....	332,319	179,439	265,473	279,450	269,985	248,445	214,511	216,113	215,422
Crossties <sup>1</sup> .....	189,801	103,509	128,000	140,205	118,491	85,919	52,137	57,160	55,770
Poles <sup>1,2</sup> .....	75,258	35,793	74,129	74,391	77,622	74,766	78,277	75,100	76,438
Lumber.....	0,354	4,142	19,511	14,695	27,044	39,433	39,903	39,519	38,847
Piling <sup>1</sup> .....	17,027	8,575	15,660	20,525	12,523	13,935	14,657	16,147	14,333
Switch ties.....	14,623	7,837	8,859	9,899	8,974	7,257	4,499	4,926	4,793
Fence posts <sup>1</sup> .....	1,487	797	1,494	2,900	12,269	16,227	15,738	13,526	15,015
Construction timbers.....	19,013	15,683	12,496	9,803	5,777	(3)	(3)	(3)	(3)
Wood blocks <sup>1</sup> .....	5,013	1,484	2,730	3,204	1,826	2,817	(4)	(4)	(4)
Cross arms <sup>1</sup> .....	1,299	351	675	1,469	2,493	4,330	3,561	3,722	3,638
All other.....	2,444	1,268	1,919	2,179	2,986	3,761	5,739	6,013	6,048

<sup>1</sup> Prior to 1950, cubic volume based on number of units reported and an estimated average cubic volume per unit; thereafter, on volume reported by treating plants.<sup>2</sup> Full-length and butt-treated poles.<sup>3</sup> Included in "Lumber." <sup>4</sup> Included in "All other."Source: Department of Agriculture, Forest Service (in cooperation with American Wood-Preservers' Association); annual report, *Wood Preservation Statistics*.

## Section 26

### Fisheries

This section presents statistics relating to quantity, value, species, and disposition of fish caught for commercial purposes, and of fishery products. The principal sources of such data are the annual report, *Fishery Statistics of the United States*, and the monthly and annual bulletins, *Current Fishery Statistics*, both published by the Fish and Wildlife Service of the Department of the Interior.

The Fish and Wildlife Service conducts annual statistical surveys of the fishery industries. Results from the surveys include data on catch and value of individual species of fish and shellfish, employment in fisheries, quantity of gear operated, number of fishing and transporting craft used, employment in wholesale and manufacturing establishments, and volume and value of production of manufactured fishery products. In addition to the basic statistics on employment, yield, and production, the reports include data on imports, exports, freezings, and cold-storage holdings of fishery products; monthly production of fish meal and oil; quarterly production of fish sticks and portions; and monthly landings in most coastal States, and in Ohio, Michigan, Minnesota, and Wisconsin. Information is also collected covering shad fisheries of the Hudson and Potomac Rivers; alewife fisheries of the Potomac; seed oyster fisheries; Pacific Coast halibut fisheries; South Atlantic and Gulf shrimp fisheries; the fur seal industry of the Pribilof Islands; and the Pacific Coast whaling industry.

The first comprehensive statistical survey of the fisheries and fishery industries of the United States was made for the year 1880, although it did not include data for the Mississippi River and its tributaries. A complete survey of the entire United States was conducted in 1908 and again in 1931. Various sections of the country have been surveyed from time to time. A complete survey of all sections, including manufacturing and wholesaling operations, was made for 1950. Complete data have been collected annually beginning with 1954.

**Alaska and Hawaii.**—For a general statement concerning the treatment of data for Alaska and Hawaii, see preface.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics, Colonial Times to 1957*, series L 110-111") provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

#### No. 977. FISHERIES—SUMMARY OF TOTAL CATCH AND VALUE: 1930 TO 1961

[Includes Alaska. Beginning 1947, includes Hawaii. Data for 1947-1949 partly estimated. See also *Historical Statistics, Colonial Times to 1957*, series L 110-111]

YEAR	Quantity (1,000 lbs.)	Value to fishermen (\$1,000)	Average price per pound (cents)	YEAR	Quantity (1,000 lbs.)	Value to fishermen (\$1,000)	Average price per pound (cents)
1930.....	3, 224, 318	109, 340	3.39	1953.....	4, 486, 822	356, 073	7.94
1940.....	4, 059, 141	98, 957	2.44	1954.....	4, 762, 453	359, 345	7.55
1945.....	4, 598, 127	269, 900	5.87	1955.....	4, 809, 377	338, 891	7.05
1947.....	4, 349, 105	311, 590	7.16	1956.....	5, 268, 240	372, 193	7.06
1948.....	4, 513, 362	371, 112	8.22	1957.....	4, 789, 186	353, 720	7.39
1949.....	4, 303, 752	342, 718	7.13	1958.....	4, 747, 206	373, 311	7.86
1950.....	4, 900, 826	347, 384	7.09	1959.....	5, 121, 953	345, 051	6.76
1951.....	4, 438, 393	364, 825	8.23	1960.....	4, 942, 226	353, 565	7.15
1952.....	4, 432, 403	363, 610	8.20	1961 (prel.).....	5, 140, 000	364, 000	7.08

Source: Department of the Interior, Fish and Wildlife Service; annual report, *Fishery Statistics of the United States*,

# No. 978. FISHERIES—EMPLOYMENT, FISHING CRAFT, AND ESTABLISHMENTS: 1940, 1950, AND 1960

ITEM	1940	1950	1960	ITEM	1940	1950	1960
<b>Persons employed</b> .....	428,965	568,394	536,167	<b>Craft utilized—Con.</b>			
Direct employment:				Transporting craft:			
Fishermen.....	124,795	161,463	130,431	Vessels, 5 net tons and over.....	1,325	1,313	891
Transporters.....	3,955	4,916	2,111	Motor boats.....	726	827	203
Shore workers.....	90,215	102,015	93,625				
Indirect employment, allied industries <sup>1</sup> .....	210,000	300,000	310,000	<b>Fishery shore establishments</b> .....	3,055	3,883	4,207
<b>Craft utilized</b> .....	73,861	94,450	78,151	Pacific Coast States <sup>2</sup> .....	579	700	515
Fishing craft:				Atlantic Coast and Gulf States.....	2,038	2,699	2,898
Vessels, 5 net tons and over.....	5,562	11,496	12,018	Great Lakes and Mississippi River States.....	438	484	772
Motor boats.....	31,055	46,067	56,889	Hawaii.....	( <sup>3</sup> )	( <sup>3</sup> )	22
Other boats.....	35,193	34,747	8,150				

<sup>1</sup> Gear manufacture, boat building, processing equipment, etc.    <sup>2</sup> Includes Alaska.    <sup>3</sup> Not available.

Source: Department of the Interior, Fish and Wildlife Service; annual report, *Fishery Statistics of the United States*.

# No. 979. FISHERIES—FISHERMEN, FISHING CRAFT, AND CATCH, BY AREAS: 1960

[See also *Historical Statistics, Colonial Times to 1957*, series L 110-123, for data on quantity of catch]

AREA	Fisher- men	Fish- ing vessels	Fish- ing boats <sup>1</sup>	CATCH			VALUE OF CATCH		
				Total	Fish	Shell- fish	Total	Fish	Shell- fish
				<i>Mil. pounds</i>	<i>Mil. pounds</i>	<i>Mil. pounds</i>	<i>\$1,000</i>	<i>\$1,000</i>	<i>\$1,000</i>
<b>United States<sup>2</sup></b> .....	<sup>3</sup> 30,431	<sup>3</sup> 12,018	<sup>3</sup> 65,039	4,942	4,250	<sup>4</sup> 692	353,565	196,829	156,736
New England States.....	22,200	742	12,061	852	783	69	61,474	33,749	27,725
Middle Atlantic States.....	8,332	621	4,018	784	730	45	21,757	12,298	9,459
Chesapeake Bay States.....	19,472	1,228	11,056	436	320	107	34,861	8,106	26,755
South Atlantic States.....	12,928	1,174	6,549	379	297	82	20,230	7,438	12,792
Gulf States.....	23,077	3,420	9,331	1,266	1,005	261	85,459	20,008	65,451
Pacific Coast States <sup>5</sup> .....	31,439	4,760	10,896	1,061	957	<sup>4</sup> 104	112,118	99,454	<sup>6</sup> 12,664
Great Lakes States.....	3,811	498	1,461	68	68	( <sup>6</sup> )	7,133	7,133	( <sup>7</sup> )
Mississippi River States.....	10,612	-----	9,515	86	61	24	7,829	5,969	1,860
Hawaii.....	598	03	227	11	11	( <sup>6</sup> )	2,704	2,674	30

<sup>1</sup> Refers to craft having capacity of less than 5 net tons.

<sup>2</sup> Includes Alaska and Hawaii.

<sup>3</sup> Exclusive of duplication.    <sup>4</sup> Includes whale products.

<sup>5</sup> Includes Alaska.

<sup>6</sup> Less than \$500.

<sup>7</sup> Less than 500,000 pounds.

Source: Department of the Interior, Fish and Wildlife Service; annual report, *Fishery Statistics of the United States*.

# No. 980. FISHERIES—CATCH OF PRINCIPAL SPECIES: 1931 TO 1961

[In thousands of pounds. Includes Alaska, and beginning 1959, Hawaii]

GROUP AND SPECIE	1931	1939	1945	1950	1955	1959	1960	1961
<b>FISH</b>								
Cod.....	112,303	124,347	153,027	65,436	48,672	59,809	45,753	43,760
Haddock.....	195,419	178,524	154,988	158,559	135,035	112,629	118,697	133,300
Herring, sea.....	169,574	262,810	236,919	363,705	172,312	236,089	239,018	100,160
Mackerel.....	61,645	113,603	112,390	54,744	27,181	41,649	39,888	42,200
Menhaden.....	230,398	575,480	778,464	1,026,318	1,867,783	2,202,732	2,018,263	2,295,900
Pilchard or sardine.....	300,204	1,240,975	849,971	714,522	145,608	74,367	57,534	40,100
Salmon.....	601,095	526,978	498,892	328,645	289,880	201,684	235,447	308,600
Tuna and tuna-like.....	60,059	182,165	185,925	392,273	270,652	289,173	299,681	333,600
Ocean perch <sup>1</sup> .....	237	79,162	131,811	207,793	156,989	136,703	141,433	134,200
<b>SHELLFISH</b>								
Crabs.....	83,701	109,414	121,050	159,278	135,733	174,630	221,681	220,500
Shrimp.....	99,432	150,250	191,345	191,474	244,335	240,182	249,462	171,800
Oysters.....	101,036	93,006	75,655	76,415	77,515	64,710	60,010	57,800

<sup>1</sup> Beginning 1955, excludes Pacific Ocean perch.

Source: Department of the Interior, Fish and Wildlife Service; annual report, *Fishery Statistics of the United States*.

**No. 981. FISHERIES—CATCH OF PRINCIPAL SPECIES, BY AREAS, AND QUANTITY  
AND VALUE OF CATCH, BY STATES: 1940 TO 1960**

[Catch in thousands of pounds; value in thousands of dollars. Values represent the value of fish to fishermen.  
See also *Historical Statistics, Colonial Times to 1957*, series L 114-154]

STATE, CATCH, AND VALUE	1940	1945	1950	1955	1957	1958	1959	1960
<b>New England States:</b>								
Catch.....	626,054	845,471	1,006,590	955,418	1,030,883	997,749	933,206	851,964
Value.....	20,494	56,589	60,577	57,243	60,810	65,480	66,236	61,474
By State:								
Maine:								
Catch.....	88,088	184,425	356,266	257,174	292,250	316,955	265,958	204,641
Value.....	2,606	12,400	14,689	10,083	16,769	19,024	19,571	20,071
New Hampshire:								
Catch.....	788	1,549	645	948	1,072	979	1,031	1,188
Value.....	105	488	219	345	386	375	414	430
Massachusetts:								
Catch.....	510,938	625,878	591,188	566,413	581,062	554,779	537,614	480,421
Value.....	15,756	39,643	40,708	35,057	37,936	40,933	40,870	35,947
Rhode Island:								
Catch.....	12,060	20,525	38,265	115,323	142,080	114,524	117,793	69,318
Value.....	966	2,377	2,788	4,738	4,605	4,137	4,285	3,846
Connecticut:								
Catch.....	14,180	13,094	20,226	15,560	14,419	10,512	10,810	6,396
Value.....	1,060	1,582	2,114	1,020	1,114	1,011	1,066	1,180
Catch, by species:								
Haddock.....	141,193	147,195	157,765	135,029	133,499	119,551	112,622	118,615
Ocean perch.....	85,016	131,811	207,793	156,989	133,931	148,045	136,703	141,433
Herring, sea.....	44,052	94,179	195,154	104,286	161,006	178,437	120,734	154,667
Cod.....	82,239	141,072	53,068	32,360	31,911	37,784	40,758	35,255
Flounder.....	57,572	61,310	66,824	50,064	53,860	58,673	50,065	61,559
Lobster.....	11,165	22,267	22,559	27,624	20,106	25,873	27,303	29,260
<b>Middle Atlantic States:</b>								
Catch.....	355,553	494,193	491,685	871,096	928,122	625,383	700,429	783,848
Value.....	7,651	23,224	28,843	28,937	28,420	23,126	22,763	21,757
By State:								
New York:								
Catch.....	91,959	117,548	142,341	132,791	157,653	97,362	115,170	125,932
Value.....	4,216	10,053	15,502	9,498	9,023	8,131	8,875	8,781
New Jersey:								
Catch.....	160,554	207,647	188,623	421,286	472,501	251,483	359,504	373,688
Value.....	2,957	11,063	10,201	13,074	12,778	9,021	10,093	9,607
Delaware:								
Catch.....	103,017	168,908	160,721	317,019	297,968	276,538	285,755	284,228
Value.....	475	2,109	3,141	6,365	6,619	5,974	8,795	8,369
Oyster catch.....	13,983	13,553	18,170	9,848	7,981	4,296	1,392	1,154
<b>Chesapeake Bay States:</b>								
Catch.....	320,736	304,463	380,892	496,208	447,323	503,237	589,356	435,797
Value.....	7,456	30,363	25,097	31,601	32,444	36,099	38,445	34,861
By State:								
Maryland:								
Catch.....	51,085	51,676	67,092	55,249	67,185	66,091	63,050	69,113
Value.....	2,599	8,845	8,888	11,147	12,188	11,953	12,695	13,036
Virginia:								
Catch.....	269,651	252,787	313,800	440,959	380,138	437,146	526,306	366,684
Value.....	4,858	21,518	16,119	20,454	20,256	24,746	25,750	20,925
Catch, by species:								
Oysters.....	37,457	32,570	29,954	39,227	34,234	37,530	33,322	27,111
Crabs.....	41,816	40,822	80,046	45,128	58,351	49,462	45,549	70,716
<b>South Atlantic States:</b>								
Catch.....	325,515	404,946	260,881	346,574	335,188	375,655	468,712	378,879
Value.....	4,064	15,132	18,944	17,274	20,648	20,078	18,870	20,230
By State:								
North Carolina:								
Catch.....	170,581	198,169	172,339	233,096	237,158	290,251	342,612	265,248
Value.....	1,865	5,495	6,800	7,284	8,123	7,696	8,242	7,020
South Carolina:								
Catch.....	9,446	10,855	14,726	22,033	24,402	16,220	23,443	24,252
Value.....	266	899	2,810	2,487	2,815	2,965	2,936	4,039
Georgia:								
Catch.....	12,672	21,398	17,351	19,025	18,802	20,066	21,594	27,068
Value.....	381	1,350	3,584	2,472	3,503	3,597	2,656	3,391
Florida (east coast only):								
Catch.....	132,816	174,524	56,465	72,420	54,826	49,118	81,063	61,411
Value.....	1,553	7,388	5,749	5,031	6,207	5,820	5,036	5,780
Shrimp catch.....	22,702	43,581	36,481	28,539	28,590	22,584	26,006	31,214

<sup>1</sup> Includes Pennsylvania.

No. 981. FISHERIES—CATCH OF PRINCIPAL SPECIES, BY AREAS, AND QUANTITY AND VALUE OF CATCH, BY STATES: 1940 TO 1960—Continued

[Catch in thousands of pounds; value in thousands of dollars]

STATE, CATCH, AND VALUE	1940	1945	1950	1955	1957	1958	1959	1960
<b>Gulf States:</b>								
Catch.....	250,018	341,081	570,641	820,638	691,933	808,837	1,154,951	1,265,950
Value.....	10,581	39,197	50,358	76,287	84,364	86,539	77,640	85,459
By State:								
Florida (west coast only):								
Catch.....	54,676	69,322	62,013	105,756	109,275	126,585	131,887	135,535
Value.....	3,452	11,448	9,955	21,190	24,205	24,258	18,191	21,049
Alabama:								
Catch.....	11,344	15,137	10,988	13,441	11,888	10,343	14,022	12,106
Value.....	562	2,443	2,122	2,265	2,649	2,671	2,968	3,003
Mississippi:								
Catch.....	38,002	70,787	84,139	183,137	207,660	205,822	252,947	314,214
Value.....	623	1,711	3,371	5,685	6,318	6,234	6,246	7,606
Louisiana:								
Catch.....	126,627	103,002	316,250	397,203	222,800	317,050	545,758	566,411
Value.....	4,952	20,486	23,645	23,418	17,077	21,585	24,046	25,949
Texas:								
Catch.....	19,309	21,933	97,251	130,101	140,310	149,037	210,337	237,684
Value.....	993	3,109	11,265	23,729	34,115	31,791	26,189	27,853
Shrimp catch.....	127,838	145,443	151,753	212,402	168,453	173,354	193,503	205,725
<b>Great Lakes:<sup>2</sup></b>								
Catch.....	79,296	78,643	70,882	76,754	75,529	71,690	65,817	68,243
Value.....	5,623	13,800	10,846	9,699	9,576	8,651	7,104	7,133
By Lake:								
Superior:								
Catch.....	20,672	18,725	12,584	13,581	13,565	13,194	14,955	13,771
Value.....	904	2,574	1,977	1,886	1,656	1,520	1,714	1,301
Michigan:								
Catch.....	22,814	22,090	27,077	30,036	27,222	27,771	20,808	24,311
Value.....	2,050	5,571	3,661	3,221	3,160	3,163	2,369	2,447
Huron:								
Catch.....	9,099	7,475	5,073	4,553	3,341	5,094	5,041	6,338
Value.....	680	1,129	411	484	432	676	816	1,249
Erie:								
Catch.....	22,944	28,631	23,982	26,706	29,706	22,575	22,433	21,258
Value.....	1,772	4,267	4,572	3,954	4,188	3,133	2,032	1,920
<b>Pacific Coast States:</b>								
Catch.....	2,019,969	2,024,330	1,997,542	1,115,427	1,192,300	1,278,424	1,055,250	1,060,825
Value.....	40,190	84,982	139,199	106,532	107,706	122,710	104,186	112,118
By State:								
Washington:								
Catch.....	111,632	196,136	118,694	155,305	142,751	164,987	155,186	113,115
Value.....	6,676	18,155	19,071	20,906	19,320	25,426	21,529	15,551
Oregon:								
Catch.....	54,203	72,774	58,256	46,710	57,694	59,467	51,718	49,100
Value.....	2,742	7,507	7,151	5,683	5,978	7,345	6,396	6,055
California:								
Catch.....	1,290,446	1,159,368	1,338,299	508,089	620,738	674,884	524,823	540,837
Value.....	20,160	37,032	81,605	53,175	50,854	56,742	47,474	49,578
Alaska:								
Catch.....	563,688	596,052	482,293	315,323	371,117	379,086	323,623	357,713
Value.....	10,612	22,288	31,372	26,768	31,554	33,197	28,787	40,634
Catch, by species:								
Pilchard or sardine.....	913,944	849,971	714,522	145,608	45,862	207,446	74,367	57,533
Mackerel.....	120,504	53,717	32,650	23,310	22,044	27,648	37,602	30,810
Salmon.....	500,561	498,853	328,644	289,880	265,153	307,454	201,684	235,447
Tuna and tuna-like.....	210,173	183,587	390,549	269,499	295,254	321,810	271,342	289,015
<b>Mississippi River and tributaries:</b>								
Catch.....	(4)	(4)	105,796	103,166	77,180	74,870	77,662	85,605
Value.....	(4)	(4)	10,104	8,205	7,148	7,396	7,628	7,820
<b>Hawaii:</b>								
Catch.....	(4)	(4)	15,917	15,096	10,728	11,361	16,570	11,118
Value.....	(4)	(4)	3,608	3,113	2,604	2,632	3,179	2,704
Tuna and tuna-like.....	(4)	(4)	11,950	11,998	8,245	8,897	14,334	9,920

<sup>2</sup> Collected largely by State fishery agencies, and compiled by Fish and Wildlife Service.

<sup>3</sup> Includes, in addition to lakes shown, small amounts for Lake Ontario, Lake-of-the-Woods, Namakan Lake, and Rainy Lake.

<sup>4</sup> Not available.

Source: Department of the Interior, Fish and Wildlife Service; annual report, *Fishery Statistics of the United States*.

## No. 982. QUANTITY AND VALUE OF CATCH LANDED AT SPECIFIED NEW ENGLAND PORTS: 1950 TO 1960

[Quantity in thousands of pounds; value in thousands of dollars]

PORT AND YEAR	Total, all species	Cod	Had- dock	Hake	Pol- lock	Cusk	Whit- ing	Mack- rel	Ocean perch	Floun- der	Miscel- laneous
<b>QUANTITY</b>											
<b>Boston:</b>											
1950.....	172,033	24,360	107,379	2,998	9,886	1,265	4,887	1,051	7,740	10,028	2,439
1955.....	136,691	15,284	96,349	2,070	11,813	937	1,368	57	3,040	4,796	977
1956.....	147,402	17,518	106,663	1,606	11,611	1,046	413	11	2,839	4,517	1,178
1957.....	135,072	17,487	93,617	1,486	11,912	816	1,002	24	3,819	3,870	1,039
1958.....	123,764	16,183	81,509	973	16,927	578	506	9	2,625	3,570	794
1959.....	113,257	17,709	72,378	1,254	12,488	1,009	687	1	3,280	3,566	945
1960.....	110,384	15,548	76,695	1,071	9,606	849	754	3	1,481	2,730	1,647
<b>Gloucester:</b>											
1950.....	195,931	5,999	9,983	4,182	5,837	673	16,981	5,660	120,291	7,444	18,892
1955.....	253,545	1,078	7,588	1,641	3,418	351	53,318	836	86,249	6,011	92,155
1956.....	252,038	1,361	8,773	1,119	3,365	385	46,432	694	83,303	2,761	103,845
1957.....	248,928	2,020	8,898	882	4,045	400	76,521	287	65,389	2,604	87,882
1958.....	230,218	3,189	9,798	1,085	8,103	387	58,927	406	74,951	1,917	71,455
1959.....	228,728	3,233	12,103	1,864	5,620	440	61,797	393	58,197	2,010	83,566
1960.....	192,406	3,199	12,107	1,065	6,042	319	63,112	307	61,673	1,715	42,867
<b>New Bedford:</b>											
1950.....	116,911	5,110	11,514	97	207	6	85	258	474	29,412	69,748
1955.....	83,041	4,435	8,035	3,189	62	5	3,789	12	23,725	39,789	
1956.....	87,965	3,809	11,054	4,312	97	2	2,434	1	22,746	43,510	
1957.....	104,334	2,643	8,543	468	41	3	2,306	-----	22,746	62,005	
1958.....	111,669	5,950	8,177	2,065	48	1	( <sup>1</sup> )	-----	36,844	58,580	
1959.....	107,961	6,924	9,431	1,247	68	1	360	-----	33,558	56,376	
1960.....	85,119	4,351	9,195	6	45	1	1	-----	39,698	31,822	
<b>Cape Cod ports:<sup>2</sup></b>											
1950.....	37,760	3,034	2,555	359	384	30	11,618	2,379	7	5,912	11,473
1955.....	42,063	2,061	2,003	2,654	374	9	10,421	1,032	2	3,827	19,480
1956.....	47,717	1,999	2,501	2,859	264	23	19,114	1,916	3	5,877	13,161
1957.....	53,412	1,851	1,776	1,764	114	6	24,134	1,202	( <sup>1</sup> )	7,897	15,168
1958.....	50,736	3,019	1,844	1,642	115	8	18,885	2,241	1	6,359	16,722
1959.....	50,999	2,708	2,510	2,510	240	4	17,921	2,191	1	7,721	15,844
1960.....	56,035	3,132	2,560	7,322	502	21	20,867	1,227	21	8,047	12,336
<b>VALUE</b>											
<b>Boston:</b>											
1950.....	13,557	1,787	9,180	101	451	62	199	107	326	924	330
1955.....	9,226	1,039	6,870	141	493	60	50	11	133	531	98
1956.....	10,545	1,225	7,791	140	466	71	20	2	116	579	135
1957.....	11,177	1,208	8,359	140	539	57	26	5	168	531	144
1958.....	12,634	1,448	9,354	108	914	43	32	2	142	492	99
1959.....	11,280	1,432	8,242	108	639	65	26	( <sup>3</sup> )	172	455	111
1960.....	9,627	1,140	7,034	95	415	55	36	( <sup>3</sup> )	70	361	421
<b>Gloucester:</b>											
1950.....	9,061	368	792	131	184	21	557	438	5,692	539	339
1955.....	7,931	120	469	67	103	16	1,067	97	3,327	530	2,135
1956.....	7,442	85	576	48	95	19	870	55	3,142	247	2,305
1957.....	7,024	125	668	45	132	20	1,412	31	2,525	249	1,817
1958.....	7,973	241	1,017	60	347	20	1,496	34	3,131	208	1,410
1959.....	7,118	240	1,270	71	219	23	1,243	37	2,377	209	1,420
1960.....	6,330	220	1,032	55	206	15	1,422	49	2,339	168	824
<b>New Bedford:</b>											
1950.....	11,343	369	991	4	8	-----	1	40	17	3,724	6,189
1955.....	11,998	321	531	38	3	( <sup>3</sup> )	51	( <sup>3</sup> )	( <sup>3</sup> )	3,310	7,744
1956.....	12,291	280	734	48	4	( <sup>3</sup> )	31	-----	( <sup>3</sup> )	3,076	8,118
1957.....	13,059	210	694	5	1	( <sup>3</sup> )	29	-----	-----	3,695	8,515
1958.....	13,751	546	816	21	2	( <sup>3</sup> )	( <sup>3</sup> )	-----	-----	4,313	8,053
1959.....	15,746	639	944	14	3	( <sup>3</sup> )	5	-----	-----	4,157	9,684
1960.....	13,164	374	798	( <sup>3</sup> )	2	( <sup>3</sup> )	( <sup>3</sup> )	-----	-----	4,101	7,180
<b>Cape Cod ports:<sup>2</sup></b>											
1950.....	2,560	230	232	8	14	1	289	104	-----	677	915
1955.....	1,916	154	126	38	11	( <sup>3</sup> )	239	121	( <sup>3</sup> )	402	705
1956.....	2,422	166	174	34	11	( <sup>3</sup> )	390	262	( <sup>3</sup> )	684	701
1957.....	2,699	161	145	20	5	( <sup>3</sup> )	503	199	( <sup>3</sup> )	856	810
1958.....	2,800	256	201	18	6	( <sup>3</sup> )	423	307	( <sup>3</sup> )	754	835
1959.....	2,731	216	165	30	7	( <sup>3</sup> )	406	208	( <sup>3</sup> )	940	699
1960.....	2,715	248	227	79	7	( <sup>3</sup> )	491	174	1	1,031	447

<sup>1</sup> Less than 500 pounds.<sup>2</sup> Beginning 1955, includes Plymouth, Mass.<sup>3</sup> Less than \$500.Source: Department of the Interior, Fish and Wildlife Service; annual report, *Fishery Statistics of the United States*.

## No. 983. FISHERIES—DISPOSITION OF DOMESTIC CATCH: 1945 TO 1961

[Round weight of catch in millions of pounds. Includes Alaska and, beginning 1959, Hawaii. A large portion of waste derived from canning, filleting, and dressing fish and shellfish is utilized in production of fish meal and oil in addition to whole fish used in manufacture of these products. From 600 million to 1 billion pounds of waste were used in production of meal and oil each year shown. See also *Historical Statistics, Colonial Times to 1937*, series L 155-161]

DISPOSITION	1945	1950	1955	1956	1957	1958	1959	1960	1961 (prel.)
Total.....	4,576	4,884	4,794	5,252	4,778	4,736	5,122	4,942	5,185
Fresh and frozen.....	1,847	1,692	1,568	1,526	1,446	1,541	1,539	1,631	1,568
Canned.....	1,230	1,720	1,039	1,202	1,117	1,210	977	1,043	1,082
Cured.....	110	100	86	87	88	85	83	82	81
Reduced to meal, oil, etc.	1,389	1,372	2,101	2,437	2,127	1,900	2,623	2,186	2,424

Source: Department of the Interior, Fish and Wildlife Service.

## No. 984. CANNED FISHERY PRODUCTS—PRODUCTION AND VALUE, BY SPECIES: 1940 TO 1961

[Quantity in thousands of pounds; value in thousands of dollars. Includes Alaska; beginning 1952, Hawaii; beginning 1953, Puerto Rico; and beginning 1954, American Samoa. See also *Historical Statistics, Colonial Times to 1937*, series L 176-195]

YEAR	Total	Salmon	SARDINES		Tuna and tuna-like fishes	Mack- erel	Shrimp	Clam prod- ucts	Oysters	Other
			Maine <sup>1</sup>	Calif.						
QUANTITY										
1940.....	681,194	269,040	22,690	132,565	91,144	63,985	16,744	24,257	9,668	51,101
1945.....	646,386	235,596	51,061	169,469	88,978	31,174	3,225	21,502	3,164	42,217
1950.....	967,115	200,871	78,037	228,186	174,794	65,567	11,794	38,868	6,893	156,105
1952.....	815,213	214,289	71,677	4,804	179,417	68,641	12,209	45,252	7,408	211,456
1953.....	792,194	187,769	56,485	2,863	188,704	26,834	15,242	44,650	6,845	252,802
1954.....	862,523	199,810	59,579	60,215	214,454	16,478	14,021	42,899	6,245	248,822
1955.....	843,695	157,855	25,758	63,657	196,500	25,399	13,516	43,324	7,834	300,852
1956.....	977,763	168,250	45,298	33,963	229,570	50,235	13,636	46,404	6,512	383,895
1957.....	987,601	153,017	45,019	22,399	232,676	50,696	9,120	44,589	6,981	413,204
1958.....	1,094,602	179,134	49,139	100,016	279,238	18,199	14,308	42,562	5,580	406,426
1959.....	969,135	118,330	41,024	33,956	283,262	26,407	13,832	41,726	5,896	404,702
1960.....	1,083,418	136,049	46,744	27,714	301,626	42,064	14,268	45,256	5,747	464,050
1961 (prel.).....	1,042,708	177,448	17,635	18,850	313,635	62,026	9,284	50,221	6,240	387,365
VALUE										
1940.....	94,182	38,050	3,736	8,975	23,728	4,101	4,318	3,778	2,527	4,960
1945.....	152,801	52,586	12,077	15,346	47,407	4,047	1,919	7,391	2,030	9,998
1950.....	381,335	109,541	21,209	26,346	112,830	7,492	12,778	10,840	7,066	23,208
1952.....	305,820	98,264	21,503	918	113,035	11,363	12,999	12,216	7,047	28,400
1953.....	306,874	82,240	16,954	653	120,258	5,039	18,947	12,630	6,559	37,694
1954.....	331,018	92,255	18,153	9,818	142,149	2,509	13,691	12,301	5,829	34,813
1955.....	303,165	81,350	9,333	10,014	125,250	3,334	13,562	12,057	7,004	41,245
1956.....	349,516	95,101	16,692	5,734	140,338	6,435	16,421	13,481	6,257	49,057
1957.....	335,820	86,149	14,733	4,721	135,907	7,404	13,136	13,317	7,008	53,454
1958.....	388,582	92,822	15,874	16,497	162,615	2,657	20,791	12,551	5,445	59,330
1959.....	348,251	71,827	14,902	5,399	159,626	4,235	16,948	13,291	5,721	50,402
1960.....	387,595	88,197	16,700	4,659	172,786	5,804	17,233	13,676	5,640	62,900
1961 (prel.).....	424,224	118,010	7,560	3,664	190,293	8,529	11,978	15,819	5,776	62,595

<sup>1</sup> Also known as Atlantic sea herring.

Source: Department of the Interior, Fish and Wildlife Service; annual report, *Fishery Statistics of the United States*.



# No. 985. CANNED FISHERY PRODUCTS, FISH MEAL, AND FISH OIL—PRODUCTION AND VALUE: 1940 TO 1961

[Includes Alaska. Canned fishery products and meal include Hawaii beginning 1952, Puerto Rico beginning 1953, and American Samoa beginning 1954. See also *Historical Statistics, Colonial Times to 1957*, series L 177 and L 190-201]

YEAR	Canned		Scrap and meal		Oil (except vitamin)		Vitamin oil, value
	Production	Value	Production	Value	Production	Value	
	<i>1,000 lb.</i>	<i>\$1,000</i>	<i>Tons</i>	<i>\$1,000</i>	<i>1,000 gal.</i>	<i>\$1,000</i>	<i>\$1,000</i>
1940.....	681,104	94,182	193,244	7,834	18,250	5,632	5,088
1945.....	646,386	152,801	200,675	14,405	23,698	16,034	11,202
1950.....	967,115	331,335	230,713	29,226	21,432	14,042	3,431
1952.....	815,213	305,829	221,403	27,162	15,818	7,316	2,075
1953.....	792,191	306,874	238,851	29,560	20,090	10,045	1,436
1954.....	862,629	331,018	256,967	32,754	21,628	11,414	1,392
1955.....	845,019	303,165	264,502	34,749	24,679	14,230	589
1956.....	979,419	349,516	295,793	37,887	26,581	16,626	625
1957.....	991,665	335,829	264,085	32,592	20,196	12,077	542
1958.....	1,099,252	388,582	248,140	31,759	21,977	12,098	235
1959.....	974,576	348,251	306,551	35,926	24,945	12,791	301
1960.....	1,083,418	387,595	290,137	25,282	27,853	13,037	350
1961 (prel.).....	1,042,708	424,224	311,265	31,940	34,409	14,317	55

Source: Department of the Interior, Fish and Wildlife Service; annual report, *Fishery Statistics of the United States*.

# No. 986. FRESH AND FROZEN PACKAGED FISH AND FROZEN FISHERY PRODUCTS—PRODUCTION AND VALUE: 1940 TO 1961

[Quantity in thousands of pounds; value in thousands of dollars. Excludes Alaska and Hawaii, except as noted. For cold storage holdings, see table 949. See also *Historical Statistics, Colonial Times to 1957*, series L 190, for frozen fishery products]

ITEM AND YEAR	FRESH AND FROZEN PACKAGED FISH							Frozen fishery products <sup>1</sup>
	Total	Cod	Flounder	Haddock	Ocean perch	Whiting	Other	
QUANTITY								
1940.....	129,420	14,805	11,245	37,140	23,014	13,256	29,960	196,155
1945.....	204,927	28,864	19,961	44,197	35,456	29,959	46,490	286,001
1950.....	191,524	12,990	28,331	51,192	63,128	2,537	33,346	287,190
1952.....	190,880	11,684	24,340	52,065	58,660	7,912	36,228	313,173
1953.....	160,370	11,406	21,279	44,334	50,171	3,324	29,850	275,396
1954.....	173,608	12,241	20,252	46,867	58,623	3,308	32,317	302,658
1955.....	159,039	11,737	22,740	38,276	50,229	3,703	32,354	314,684
1956.....	162,790	10,232	21,822	44,230	47,298	3,188	36,029	324,964
1957.....	154,465	10,078	24,259	39,401	42,070	3,781	34,876	314,158
1958.....	155,875	11,813	24,516	33,357	45,536	4,208	36,445	322,153
1959.....	147,237	12,583	24,386	30,613	38,749	4,642	36,264	336,602
1960.....	153,166	9,483	28,378	33,324	43,551	2,951	35,479	328,741
1961 (prel.).....	158,112	10,128	31,617	38,160	37,494	3,297	37,516	319,585
VALUE								
1940.....	14,345	1,793	1,542	4,521	2,272	561	3,056	
1945.....	48,371	7,452	6,086	12,349	7,673	3,098	11,713	
1950.....	53,482	3,101	9,916	14,275	15,126	399	10,665	
1952.....	55,057	3,004	9,897	15,387	14,182	1,058	11,529	
1953.....	45,830	2,888	8,089	13,011	11,376	530	9,945	
1954.....	47,118	2,845	7,617	11,572	13,300	555	11,229	
1955.....	44,865	2,736	8,769	9,848	11,436	591	11,437	(2)
1956.....	47,342	2,608	8,714	11,273	10,667	501	13,491	
1957.....	46,762	2,489	9,337	11,800	9,678	644	12,814	
1958.....	51,227	3,414	9,617	11,603	11,098	796	14,699	
1959.....	46,170	3,552	9,740	10,143	9,435	806	12,494	
1960.....	48,437	2,851	11,204	10,839	10,177	571	12,795	
1961 (prel.).....	51,764	3,204	12,207	12,009	9,475	630	14,239	

<sup>1</sup> Includes Alaska.

<sup>2</sup> Excludes California production of packaged fish.

<sup>3</sup> Not available.

Source: Department of the Interior, Fish and Wildlife Service; annual report, *Fishery Statistics of the United States*.

## No. 987. MANUFACTURED FISHERY PRODUCTS—SUMMARY: 1959 TO 1961

[Includes Alaska, Hawaii, Puerto Rico, and American Samoa]

PRODUCT	Unit	1959		1960		1961 (prel.)	
		Quan- tity	Value (\$1,000)	Quan- tity	Value (\$1,000)	Quan- tity	Value (\$1,000)
<b>Total</b> .....			751,697		812,847		(1)
Packaged products, fresh and frozen.....	1,000 lb.....	527,607	280,611	584,220	315,812	(1)	(1)
Fish, not breaded:							
Filletts and steaks, raw.....	do.....	147,248	46,174	153,166	48,437	158,112	51,764
Other <sup>2</sup> .....	do.....	6,286	1,434	6,166	1,262	(1)	(1)
Fish, breaded, raw and cooked:							
Sticks.....	do.....	60,378	28,611	65,142	28,671	66,903	29,577
Filletts, portions, and pan-dressed.....	do.....	37,956	13,377	51,924	18,965	60,061	21,052
Shellfish:							
Not breaded.....	do.....	172,355	119,702	191,749	138,022	(1)	(1)
Breaded.....	do.....	82,610	56,960	84,221	57,412	(1)	(1)
Fish and shellfish specialties.....	do.....	20,776	14,353	31,852	28,043	(1)	(1)
Canned products.....	do.....	974,570	348,261	1,083,418	387,595	1,042,708	424,224
Fish and shellfish for human consumption.....	do.....	627,591	310,262	660,928	342,747	708,675	384,196
Salmon eggs for bait.....	do.....	883	912	718	869	884	855
Animal food.....	do.....	2,346,102	2,377,077	2,421,772	2,43,979	2,339,349	39,072
Cured fish.....	do.....	72,622	40,620	68,319	42,845	(1)	(1)
Salted and pickled <sup>3</sup> .....	do.....	42,650	17,012	35,940	14,388	(1)	(1)
Smoked.....	do.....	29,650	23,317	31,512	27,557	(1)	(1)
Dried shrimp.....	do.....	322	291	4,857	4,900	(1)	(1)
Byproducts.....			82,216		66,595		74,515
Meal and scrap.....	1,000 tons.....	307	35,926	290	25,282	311	31,940
Oil (body and liver).....	1,000 gallons.....	24,978	13,092	27,886	13,386	34,416	14,871
Fish solubles and homogenized condensed fish.....	1,000 tons.....	165	10,043	93	4,021	111	5,417
Oyster and marine clam-shell lime and grit.....	do.....	399	4,937	471	6,821	443	6,342
Fresh-water mussel-shell products.....			1,221		577		702
Marine pearl-shell buttons.....	1,000 gross.....	1,718	3,166	1,426	2,676	1,250	2,317
Other.....			13,830		13,832		13,426

<sup>1</sup> Not available.<sup>2</sup> Includes whale meat for animal feeding.<sup>3</sup> Includes lutefisk from dried cod.<sup>4</sup> Includes mackerel and tuna.Source: Department of the Interior, Fish and Wildlife Service; annual report, *Fishery Statistics of the United States*.

## No. 988. FISHERY PRODUCTS—IMPORTS AND EXPORTS: 1940 TO 1961

[Includes Alaska, Hawaii, and Puerto Rico. See also *Historical Statistics, Colonial Times to 1957*, series L 162, for edible imports]

YEAR	IMPORTS				EXPORTS			
	Total value	Edible products		Non- edible, value	Total value	Edible products		Non- edible, value
		Quantity	Value			Quantity	Value	
	\$1,000	1,000 pounds	\$1,000	\$1,000	\$1,000	1,000 pounds	\$1,000	\$1,000
1940.....	41,830	302,618	29,073	12,757	17,785	144,804	17,115	670
1945.....	101,254	404,768	76,434	24,820	38,610	135,979	30,855	7,655
1950.....	198,290	639,725	158,414	39,882	27,474	121,623	18,856	8,618
1955.....	257,947	771,012	208,051	49,896	39,977	109,750	24,923	15,054
1956.....	281,197	787,866	233,166	48,031	39,503	101,918	22,939	16,564
1957.....	297,443	884,024	250,956	46,487	35,952	85,221	20,649	15,403
1958.....	327,171	991,479	280,212	46,959	31,004	65,468	19,440	11,564
1959.....	366,500	1,113,624	311,033	55,467	44,242	80,688	26,747	17,496
1960.....	390,065	1,067,460	307,380	62,085	44,165	61,454	25,622	18,543
1961.....	399,183	1,061,663	335,755	63,428	34,710	40,137	19,594	15,116

Source: Department of the Interior, Fish and Wildlife Service; annual report, *Fishery Statistics of the United States*. Compiled from data furnished by Department of Commerce, Bureau of the Census.

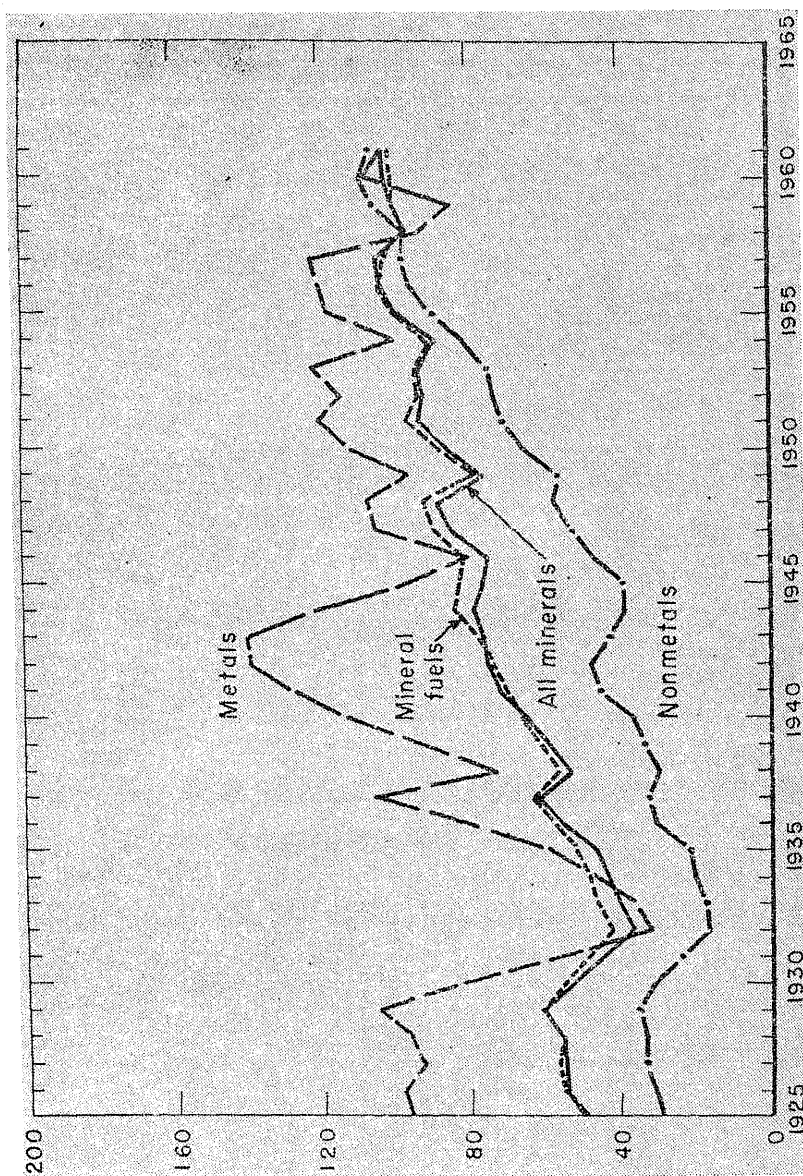
# No. 989. FISHERY PRODUCTS—IMPORTS AND EXPORTS OF SELECTED PRODUCTS: 1958 TO 1961

[Quantity in thousands of pounds; value in thousands of dollars. Includes Alaska, Hawaii, and Puerto Rico. See also *Historical Statistics, Colonial Times to 1957*, series L 164-171, for selected imports]

PRODUCT	1958		1959		1960		1961 (prel.)	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
<b>IMPORTS</b>								
Edible products:								
Fresh or frozen:								
Whitefish (exc. fillets).....	13,968	5,270	14,365	5,201	14,483	5,520	14,238	5,604
Halibut (exc. fillets).....	22,280	6,134	23,368	6,201	24,124	6,832	21,063	6,830
Salmon (exc. fillets).....	26,180	9,389	19,700	7,232	13,472	6,340	12,309	5,909
Sea herring.....	39,552	862	65,713	1,381	74,682	1,728	43,904	1,027
Smelt.....	5,503	1,159	6,334	1,197	8,437	1,402	10,014	1,210
Swordfish (exc. fillets).....	6,552	2,509	8,650	2,872	7,256	2,994	4,780	2,222
Tuna.....	197,968	25,377	235,911	29,728	234,648	29,505	197,127	27,437
Groundfish fillets.....	146,589	30,431	184,837	38,759	155,550	33,265	195,099	42,596
Other fillets and steaks.....	62,688	22,000	64,802	21,012	61,713	20,955	67,167	23,593
Lobster and spiny lobster.....	47,351	35,661	48,727	38,635	53,749	44,767	53,909	49,039
Shrimp and prawn.....	85,394	43,102	106,555	52,306	113,418	56,406	126,268	68,538
Canned:								
Anchovies, in oil.....	6,055	2,370	6,056	2,176	5,160	2,173	5,895	2,561
Salmon.....	29,226	11,271	31,154	11,130	19,113	7,541	7,167	3,545
Sardines, in oil.....	18,001	7,310	21,163	8,194	21,236	8,330	27,877	10,736
Sardines and herring, not in oil.....	21,172	4,002	11,603	2,841	16,732	3,467	25,702	4,640
Tuna:								
In oil.....	758	265	830	305	596	221	431	171
Not in oil.....	45,446	10,617	55,304	21,383	51,169	18,921	58,232	22,003
Bonito and yellowtail:								
In oil.....	9,759	2,476	9,675	2,244	7,109	1,699	6,853	1,752
Not in oil.....	2,732	556	3,848	810	2,795	599	3,503	801
Crab meat.....	5,854	6,116	7,304	7,047	4,507	5,514	4,237	5,780
Lobster, common and spiny.....	2,761	3,952	4,443	6,441	2,939	5,239	2,828	4,779
Pickled or salted:								
Cod, haddock, hake, pollock, and cusk.....	48,843	8,489	45,831	8,281	47,355	9,435	45,061	8,651
Herring.....	29,821	3,614	30,006	3,919	29,294	3,924	28,774	3,927
Nonedible products (scrap and meal).....	200,000	11,335	266,000	15,884	264,000	11,068	435,690	16,740
<b>EXPORTS</b>								
Canned:								
Salmon.....	9,227	6,669	13,826	10,639	11,924	9,830	7,186	5,550
Mackerel.....	2,308	333	743	135	1,305	211	3,908	551
Sardines:								
In oil.....	645	164	1,271	293	264	65	185	61
Not in oil.....	17,816	3,231	37,453	5,843	20,955	3,443	7,475	1,336
Fish oil, nonedible.....	94,043	7,761	144,481	11,902	143,659	10,688	122,486	8,908

Source: Department of the Interior, Fish and Wildlife Service; annual report, *Fishery Statistics of the United States*. Compiled from data furnished by Department of Commerce, Bureau of the Census.

FIG. XXXIX. INDEXES OF THE PHYSICAL VOLUME OF MINERAL PRODUCTION: 1925 TO 1961  
[1957-59=100. See table 991]



Source: Department of the Interior, Bureau of Mines.

## Section 27

### Mining and Mineral Products

This section presents statistics relating to the mineral industries and mineral products. The data are arranged in four broad groupings: General summary statistics, fuels, nonmetals other than fuels, and metals. Summary measures of production and employment are presented for mining and its products. More detailed data on value and quantity of production, prices, imports and exports, consumption, and distribution are shown for specific mineral industries and products. The latter include crude minerals (coal, iron ore, etc.), minerals which have passed through certain stages of processing (refined copper, cement, etc.), and minerals extracted by methods which do not involve mining in the conventional sense (magnesium, iodine, etc.).

The principal source of these data is the *Minerals Yearbook*, which consists of three volumes—*Metals and Minerals (Except Fuels)*, *Fuels*, and *Area Reports*—published by the Bureau of Mines of the Department of the Interior. Other government sources are the Censuses of Mineral Industries conducted by the Bureau of the Census; *Statistics of Oil Pipe Line Companies*, issued annually by the Interstate Commerce Commission as Part 6 of *Transport Statistics*; and the Bureau of the Mint's *Annual Report of the Director*, which presents data on gold and silver. Nongovernment sources include the *Engineering and Mining Journal*, issued monthly by the McGraw-Hill Publishing Co., and *The Iron Age*, issued weekly by the Chilton Co.

Mineral statistics, with principal emphasis on commodity detail, have been collected annually or at more frequent intervals by the United States Geological Survey or by the Bureau of Mines since 1880. Current data available from Bureau of Mines publications include quantities and values of minerals produced, sold or used by producers, or shipped; quantities of minerals stocked; crude materials treated and prepared minerals recovered; and consumption of mineral raw materials. The Bureau of Mines also collects and publishes data on man-hours, active days, length of shift, and accidents.

Censuses of mineral industries were conducted by the Bureau of the Census every 10 years from 1840 to 1940. Censuses were taken again for the years 1954 and 1958; summary data from those censuses are included here. Commodity statistics on many of the manufactured mineral products are also collected by the Bureau of the Census at monthly, quarterly, or annual intervals and issued in its *Current Industrial Reports* series.

Data on mining and mineral products may also be found in other sections of this *Abstract*. For example, data on iron and steel, aluminum and magnesium, copper products, clay products, and other mineral products appear in section 29, *Manufactures*; and summary data for outlying areas of the U.S. appear in section 32.

In general, figures shown in the individual commodity tables include data for outlying areas, and may therefore not agree with summary table 996. Except for crude petroleum, the export and import figures include foreign trade passing through the customs districts of Alaska, Hawaii, and Puerto Rico, but exclude shipments between conterminous U.S. and outlying areas.

**Alaska and Hawaii.**—For a general statement concerning the treatment of data for Alaska and Hawaii, see preface. "Conterminous area" refers to the United States excluding Alaska, Hawaii, and outlying areas.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics, Colonial Times to 1957*, series M 13-14") provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

## No. 990. VALUE OF MINERAL PRODUCTION: 1926 TO 1961

[In millions of dollars. Beginning 1953, includes Alaska and Hawaii. Includes some advanced products, as cement, lime, and natural gas liquids in all years, and, through 1946, value of heavy clay products; also, value of nonferrous metals is mine quantity valued at the refined price. See also *Historical Statistics, Colonial Times to 1957*, series M 13-14, M 20, and M 30]

YEARLY AVERAGE OR YEAR	Total	Mineral fuels <sup>1</sup>	Non- metals	Metals	YEAR	Total	Mineral fuels <sup>1</sup>	Non- metals <sup>2</sup>	Metals
1926-1930.....	4,676	2,370	1,144	661	1951.....	13,529	9,779	2,079	1,671
1931-1935.....	2,463	1,691	520	252	1952.....	13,396	9,616	2,163	1,617
1936-1940.....	3,879	2,546	711	623	1953.....	14,418	10,257	2,350	1,811
1941.....	5,107	3,223	989	890	1954.....	14,067	9,919	2,630	1,518
1942.....	5,623	3,568	1,056	999	1955.....	15,792	10,780	2,987	2,055
1943.....	5,931	4,028	916	987	1956.....	17,365	11,741	3,266	2,358
1944.....	6,310	4,574	836	900	1957.....	18,113	12,709	3,267	2,137
1945.....	6,231	4,569	888	774	1958.....	16,520	11,589	3,346	1,594
1946.....	7,062	5,090	1,243	729	1959.....	17,241	11,950	3,721	1,570
1947.....	9,610	7,188	1,338	1,084	1960.....	17,892	12,141	3,730	2,021
1948.....	12,273	9,502	1,552	1,219	1961 (prel.)....	17,998	12,378	3,716	1,904
1949.....	10,580	7,920	1,559	1,101					
1950.....	11,862	8,689	1,822	1,351					

<sup>1</sup> Through 1948, comprises coal, natural gas, natural gas liquids, and petroleum; beginning 1949, also includes asphalt and related bitumens, carbon dioxide, helium, and peat.

<sup>2</sup> Beginning 1954, adjusted to eliminate duplication in value of clays and stone.

## No. 991. BUREAU OF MINES INDEXES OF THE PHYSICAL VOLUME OF MINERAL PRODUCTION: 1930 TO 1961

[1957-59=100. Includes Alaska, Hawaii, Puerto Rico, and, beginning 1952, outlying areas of U.S. See also *Historical Statistics, Colonial Times to 1957*, series M 51-62]

YEAR	All min- erals	Metals	Non- metals	Mineral fuels	YEAR	All min- erals	Metals	Non- metals	Mineral fuels
1930.....	53.5	82.5	31.3	55.0	1955.....	98.9	118.2	89.0	99.0
1935.....	46.4	58.9	21.3	51.2	1956.....	104.5	120.4	95.4	104.8
1940.....	65.1	113.1	36.6	65.8	1957.....	104.8	122.1	97.1	104.6
1945.....	76.4	97.9	38.8	82.5	1958.....	95.9	93.3	97.4	95.9
1950.....	85.2	111.8	64.2	87.1	1959.....	99.4	84.5	105.4	99.6
1951.....	93.5	120.5	70.4	95.8	1960.....	102.1	107.5	108.0	100.3
1952.....	92.1	115.8	73.0	93.8	1961 (prel.)....	102.1	102.4	106.0	101.2
1953.....	93.5	122.4	74.7	94.6					
1954.....	89.6	100.3	80.9	90.5					

Source of tables 990 and 991: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

## No. 992. FEDERAL RESERVE BOARD INDEXES OF THE PHYSICAL VOLUME OF MINERAL PRODUCTION: 1950 TO 1961

[1957=100. Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series M 63-66 for indexes on 1947-49 base]

YEAR	All mining	COAL, OIL, AND GAS							METAL, STONE, AND EARTH MINERALS		
		Total	Coal			Crude oil	Gas and gas liquids	Oil and gas drilling	Total	Metal mining	Stone and earth min- erals
			Total	Anthra- cite	Bitumi- nous						
1950.....	80	81	111	173	106	75	63	72	72	78	66
1951.....	87	89	114	167	109	86	72	78	78	84	72
1952.....	87	88	100	158	95	87	77	84	76	78	76
1953.....	89	90	95	118	92	90	82	91	82	87	78
1954.....	86	88	82	106	79	88	84	98	79	71	85
1955.....	95	96	97	98	96	95	90	103	91	90	93
1956.....	100	101	103	112	103	100	96	105	98	95	100
1957.....	100	100	100	100	100	100	100	100	100	100	100
1958.....	91	92	83	86	82	93	100	89	91	83	98
1959.....	95	96	82	77	83	98	106	93	94	77	108
1960.....	97	96	83	71	84	98	116	85	105	97	112
1961 (prel.)..	98	97	80	71	80	100	119	86	105	97	112

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*.

## Raw Materials—Prices

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## No. 993. SUMMARY OF VALUE OF RAW MATERIALS IN CONSTANT DOLLARS, BY MAJOR GROUPS: 1940 TO 1960

[In millions of 1954 dollars. Includes Alaska, Hawaii, and outlying areas of the U.S., except for agricultural materials. Preliminary. See also *Historical Statistics, Colonial Times to 1957*, series M 38-50, for minerals figures]

ITEM AND YEAR	All raw materials <sup>1</sup>	AGRICULTURAL MATERIALS			Fishery and wildlife products	Forest products	MINERALS			
		Total	Crops	Live-stock			Total <sup>1</sup>	Metallic ores <sup>1</sup>	Mineral fuels	Other minerals
<b>Production:</b>										
1940.....	31,315	19,450	8,010	11,440	391	2,531	8,934	1,248	6,789	897
1945.....	36,485	22,949	8,402	14,547	420	2,266	10,850	1,291	8,558	964
1950.....	38,784	23,383	9,381	14,002	421	2,719	12,261	1,387	9,342	1,532
1955.....	44,905	20,996	10,898	16,098	439	2,847	14,623	1,578	10,905	2,140
1957.....	46,099	27,430	10,889	16,541	476	2,704	15,480	1,636	11,548	2,305
1958.....	45,603	28,303	12,230	16,073	457	2,606	14,227	1,220	10,704	2,294
1959.....	45,966	27,776	11,204	16,512	452	2,954	14,784	1,106	11,207	2,471
1960.....	48,076	29,339	12,548	16,791	454	2,990	15,314	1,455	11,326	2,534
<b>Imports:</b>										
1940.....	5,934	4,218	3,651	567	247	175	1,294	945	239	110
1945.....	6,396	4,372	3,737	635	231	204	1,589	1,058	373	158
1950.....	8,062	4,871	4,070	795	295	379	2,517	1,382	864	271
1955.....	8,608	4,690	4,151	539	336	404	3,178	1,607	1,303	268
1957.....	9,368	4,847	4,274	573	368	365	3,788	1,854	1,634	300
1958.....	9,159	4,888	4,136	752	375	374	3,522	1,436	1,825	261
1959.....	10,107	5,622	4,717	905	434	434	3,617	1,524	1,777	316
1960.....	9,900	5,324	4,683	741	423	459	3,694	1,498	1,902	294
<b>Exports:</b>										
1940.....	2,321	1,238	1,084	154	71	90	922	430	452	40
1945.....	3,442	2,347	1,482	865	57	48	900	278	666	46
1950.....	3,523	2,084	2,274	410	42	83	714	202	438	74
1955.....	4,212	2,079	2,304	675	62	100	1,071	379	503	99
1957.....	6,132	4,403	3,711	692	67	99	1,563	520	928	115
1958.....	4,885	3,742	3,136	607	58	91	994	377	506	111
1959.....	4,951	3,936	3,273	663	74	108	833	302	411	120
1960.....	6,301	4,951	4,309	642	75	128	1,147	612	398	137
<b>Apparent consumption:<sup>2</sup></b>										
1940.....	34,054	21,565	9,736	11,829	567	2,610	9,306	1,763	6,576	967
1945.....	39,878	25,413	11,123	14,290	593	2,422	11,449	2,071	8,302	1,076
1950.....	43,519	25,766	11,218	14,547	674	3,015	14,064	2,567	9,768	1,729
1955.....	47,945	27,351	11,191	16,160	713	3,151	16,730	2,806	11,615	2,309
1957.....	49,388	27,927	11,351	16,576	777	2,970	17,714	2,970	12,254	2,440
1958.....	48,208	27,780	11,412	16,368	784	2,889	16,755	2,288	12,023	2,494
1959.....	50,235	28,575	11,703	16,872	812	3,280	17,568	2,328	12,573	2,667
1960.....	50,792	28,829	11,856	16,973	802	3,300	17,861	2,341	12,829	2,691

<sup>1</sup> Excludes gold.<sup>2</sup> Represents "production" plus "imports" minus "exports," except for agricultural materials, for which "consumption" is adjusted for a major portion of stock changes.Source: Department of Commerce, Bureau of the Census; records (preliminary tables for forthcoming report, *Raw Materials in the United States Economy: 1900-1961*, Working Paper No. 6), and records.

## No. 994. AVERAGE PRICES OF SELECTED MINERAL PRODUCTS: 1931 to 1961

Excludes Alaska and Hawaii, except as noted. See also *Historical Statistics, Colonial Times to 1957*, series M 91, M 134, M 199, and M 238, for bituminous coal, crude petroleum, iron ore, and lead, respectively]

YEARLY AVERAGE OR YEAR	Iron ore <sup>1</sup> (Lake Erie ports)	Copper, electrolytic <sup>2</sup>	Lead (New York)	Tin (New York) <sup>3</sup>	Zinc (St. Louis)	Aluminum, delivered <sup>4</sup>	Sulfur, crude (l.o.b. works)	Bituminous coal <sup>5</sup>	Crude petroleum <sup>6</sup>
	Dol. per long ton	Cents per lb.	Cents per lb.	Cents per lb.	Cents per lb.	Cents per lb.	Dol. per long ton	Dol. per short ton	Dol. per barrel
1931-1935.....	4.50	7.555	3.843	37.64	3.806	22.40	18.00	1.64	.83
1936-1940.....	4.76	10.980	5.138	48.39	5.495	20.12	17.10	1.88	1.09
1941-1945.....	4.47	11.770	6.355	52.01	8.095	15.37	16.00	2.64	1.19
1946-1950.....	6.20	19.451	13.897	85.32	11.765	16.09	17.48	4.46	2.20
1951-1955.....	9.36	28.877	15.330	106.00	13.610	20.96	23.88	4.75	2.66
1956-1960.....	11.33	32.078	13.388	99.20	11.919	25.00	24.50	4.84	2.93
1957.....	11.45	20.570	14.058	96.26	11.399	25.42	25.50	5.08	3.09
1958.....	11.45	25.764	12.109	95.13	10.309	24.79	23.50	4.80	3.01
1959.....	11.45	31.182	12.211	102.05	11.448	24.74	23.50	4.77	2.90
1960.....	11.45	32.053	11.948	101.44	12.946	26.00	23.50	4.69	2.88
1961.....	11.45	29.920	10.871	113.31	115.42	25.46	23.50	4.65	2.89

<sup>1</sup> Lake Superior, Mesabi, non-Bessemer.<sup>2</sup> Domestic market since 1932.<sup>3</sup> Straits tin.<sup>4</sup> Prices 1931-1955, for 99+ percent virgin ingot aluminum; beginning 1956, for 99+ percent unalloyed ingot.<sup>5</sup> Average value at mine. Includes Alaska.<sup>6</sup> Average value at well. Beginning 1958, includes Alaska and 1959, Hawaii.<sup>7</sup> Preliminary.Source: Compiled from *Engineering Mining Journal*; *The Iron Age*; *Wholesale Prices and Price Indexes* (Bureau of Labor Statistics); *Minerals Yearbook*, and records (Bureau of Mines).

[In thousands, except number of employees and workers. Excludes Alaska and Hawaii. Excludes "N.e.c." means not elsewhere classified. See also

	MINERAL INDUSTRY	VALUE OF SHIPMENTS <sup>1</sup>		ALL EMPLOYEES			
				Number <sup>2</sup>		Payroll <sup>3</sup>	
		1954	1955	1954	1955	1954	1955
1	All industries.....	\$15,489,333	\$18,089,834	785,708	732,632	\$3,385,722	\$3,740,288
2	Metal mining.....	1,506,238	1,835,845	100,250	92,501	463,025	487,786
3	Iron ores.....	547,218	681,938	34,170	31,576	156,909	174,387
4	Copper ores.....	508,729	457,644	27,813	27,042	136,065	143,501
5	Lead and zinc ores.....	175,947	120,561	16,566	11,227	71,363	54,397
6	Lead ores.....	94,874	75,603	8,720	6,883	39,002	33,759
7	Zinc ores.....	81,073	44,958	7,846	4,344	32,361	20,638
8	Gold and silver ores.....	46,591	48,389	4,331	3,939	20,618	19,094
9	Lode gold.....	28,517	29,508	3,020	2,586	12,269	12,447
10	Placer gold.....	5,916	6,326	556	364	2,311	1,790
11	Silver ores.....	12,148	12,557	1,255	989	6,038	5,757
12	Bauxite.....	16,819	18,174	852	705	3,681	3,606
13	Ferroalloy ores.....	153,671	111,521	8,078	5,438	38,535	26,711
14	Manganese ores.....	32,398	39,385	2,604	2,099	9,292	9,036
15	Tungsten ores.....	60,737	14,430	2,987	638	14,758	2,907
16	Ferroalloy ores n.e.c.....	60,536	57,708	2,487	2,701	14,485	14,768
17	Metal mining services.....	38,079	32,384	3,059	2,134	15,288	12,097
18	Miscellaneous metal ores.....	718,594	305,234	4,381	9,790	20,636	55,093
19	Titanium ores.....	12,750	17,158	943	982	3,699	4,496
20	Uranium-radium-vanadium ores.....	(5)	330,451	3,467	7,039	14,568	44,422
21	Mercury ores and metallic ores, n.e.c.....	5,844	11,625	671	889	2,419	4,175
22	Anthracite mining.....	408,431	325,128	37,462	22,813	135,929	93,396
23	Anthracite.....	365,530	290,342	32,709	19,712	118,070	79,473
24	Anthracite mining services.....	42,895	34,786	4,693	3,101	17,859	13,923
25	Bituminous coal and lignite mining.....	2,068,183	2,423,361	218,833	187,706	874,305	912,784
26	Bituminous coal.....	2,040,200	2,390,677	216,813	185,676	805,649	902,759
27	Lignite.....	10,387	11,035	674	510	2,688	2,693
28	Bituminous coal and lignite mining services.....	17,596	21,649	1,446	1,520	6,068	7,332
29	Oil and gas extraction.....	9,924,339	11,636,887	315,735	312,800	1,462,443	1,699,420
30	Crude petroleum and natural gas.....	7,070,097	8,358,906	172,506	180,040	835,740	1,042,186
31	Crude petroleum.....	6,042,462	7,809,898	161,282	164,723	790,946	965,858
32	Natural gas.....	427,645	576,008	11,224	15,317	44,794	76,328
33	Natural gas liquids.....	10,640,422	1,625,098	17,840	16,514	85,057	96,319
34	Oil and gas field services.....	1,631,020	1,625,853	125,889	116,246	541,646	560,915
35	Drilling oil and gas wells.....	972,745	904,939	67,976	59,411	304,812	289,243
36	Oil and gas exploration services.....	114,815	87,215	11,488	9,557	49,457	43,649
37	Oil and gas field services, n.e.c.....	543,460	633,720	46,425	47,278	187,867	228,023
38	Nonmetallic minerals mining.....	1,582,192	1,868,613	113,428	116,812	450,020	546,902
39	Dimension stone <sup>11</sup> .....	18,945	18,864	3,224	2,306	8,625	7,121
40	Crushed and broken stone <sup>12</sup> .....	466,238	616,076	37,471	41,404	145,472	188,401
41	Sand and gravel <sup>12</sup> .....	466,015	560,806	36,466	37,048	147,313	172,326
42	Clay and related minerals <sup>12</sup> .....	103,768	122,738	8,232	8,773	26,604	36,167
43	Chemical and fertilizer minerals.....	467,580	464,612	21,090	20,556	99,391	115,976
44	Borite.....	18,269	15,768	1,125	929	3,874	3,402
45	Potassium, soda, and borate minerals.....	15,461	19,977	1,260	1,235	4,866	5,616
46	Phosphate rock.....	107,787	141,115	6,322	6,061	33,439	41,067
47	Rock salt.....	117,976	132,094	5,440	5,393	21,529	27,210
48	Sulfur.....	35,658	41,813	1,925	1,984	8,571	10,996
49	Sulfur.....	140,685	106,202	4,095	3,677	21,180	24,570
50	Chemical and fertilizer mineral mining, n.e.c.....	21,780	9,643	1,442	677	5,926	3,115
51	Nonmetallic minerals, services.....	6,571	7,934	639	1,109	2,327	3,522
52	Misc. nonmetallic minerals <sup>12</sup> .....	63,069	80,583	5,787	5,616	20,388	23,399

<sup>1</sup> 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.

<sup>2</sup> Excludes proprietors and firm members of unincorporated concerns.

<sup>3</sup> Gross earnings paid to all employees on payroll.

<sup>4</sup> Represents employees up through the working foreman level engaged in manual work.

<sup>5</sup> Excludes paid vacations, holidays, and sick leave; includes actual overtime hours (not straight-time equivalent).

<sup>6</sup> Computed by subtracting cost of supplies, minerals received for preparation, purchased fuel and electric energy, contract work, and purchased machinery from the value of shipments and capital expenditures.



## SUMMARY: 1954 AND 1958

establishments for which both value of production and expenditures amounted to less than \$500.  
*Historical Statistics, Colonial Times to 1967, series M 1-12*

PRODUCTION AND DEVELOPMENT WORKERS <sup>4</sup>						VALUE ADDED IN MINING <sup>5</sup>		CAPITAL EXPENDITURES		
Number		Man-hours <sup>5</sup>		Wages						
1954	1958	1954	1958	1954	1958	1954	1958	1954	1958	
647,141	564,281	1,248,898	1,077,864	\$2,572,297	\$2,616,273	\$11,546,418	\$13,381,494	\$2,723,756	\$2,797,810	1
81,896	71,402	168,346	136,750	353,303	356,209	1,075,519	1,187,327	221,067	214,291	2
28,216	23,659	53,288	41,737	119,688	120,618	435,668	500,222	84,978	42,749	3
21,544	20,898	46,076	41,021	98,491	106,357	334,876	266,455	82,210	44,874	4
13,502	8,728	27,554	16,734	53,676	39,001	107,409	73,879	11,520	8,619	5
7,150	5,460	14,654	10,397	29,549	24,843	62,713	48,023	5,180	4,496	6
6,486	3,268	12,900	6,337	24,127	14,158	44,696	26,650	6,890	4,123	7
4,200	3,411	9,363	7,071	17,406	17,064	35,354	37,898	3,747	3,224	8
2,634	2,234	5,894	4,602	10,406	10,700	21,884	22,650	2,177	1,728	9
501	323	1,255	723	1,997	1,515	8,614	4,873	504	340	10
1,065	854	2,214	1,746	5,003	4,840	9,856	10,364	1,066	1,156	11
661	502	1,288	905	2,529	2,290	12,827	15,430	310	1,408	12
6,838	4,380	15,122	8,335	31,330	19,455	107,399	74,255	15,519	6,545	13
2,266	1,792	4,293	3,475	7,643	7,244	18,118	20,014	3,264	2,190	14
2,635	508	6,327	977	13,148	1,993	40,744	8,164	6,326	4,122	15
1,937	2,080	4,502	3,883	10,530	10,218	48,537	46,077	5,929	4,233	16
2,863	1,973	6,519	4,274	13,933	10,624	22,862	22,862	2,400	1,203	17
3,982	7,851	8,586	16,673	16,250	40,800	15,283	196,488	20,383	105,609	18
568	706	1,261	1,234	2,397	2,882	11,134	12,746	3,908	2,483	19
2,944	6,389	6,227	13,873	11,908	34,430	( <sup>6</sup> )	174,802	14,793	101,665	20
470	756	1,048	1,566	1,945	3,470	4,149	8,940	1,692	1,561	21
33,026	20,047	48,266	30,867	113,932	79,425	196,835	164,489	10,494	16,591	22
28,823	17,266	42,061	26,409	98,678	67,449	167,090	142,198	7,884	12,804	23
4,203	2,781	6,205	4,458	15,254	11,976	20,745	22,291	2,610	3,787	24
199,655	163,533	325,769	267,699	764,863	760,364	1,418,384	1,609,964	118,811	188,195	25
197,819	161,711	322,410	264,308	757,175	751,584	1,396,774	1,689,541	115,761	183,967	26
505	437	901	844	2,177	2,261	9,093	9,309	639	1,432	27
1,331	1,385	2,458	2,547	5,511	6,519	12,517	15,114	2,411	2,796	28
235,483	213,935	491,718	440,102	976,595	1,010,679	7,673,694	9,035,289	2,226,316	2,189,735	29
109,702	102,445	216,581	200,930	459,955	497,571	6,129,213	7,339,922	1,898,454	1,943,493	30
101,542	92,358	201,086	181,246	430,497	452,947	5,741,266	6,823,328	1,770,683	1,707,293	31
8,250	10,087	15,495	10,684	29,468	44,624	387,957	516,594	127,771	236,260	32
13,580	13,445	27,862	26,947	63,983	75,739	( <sup>6</sup> )	587,580	109,959	94,930	33
112,131	98,045	247,275	212,225	452,657	437,369	1,118,544	1,107,787	217,903	151,812	34
62,145	52,274	133,216	109,470	264,797	239,328	623,967	587,440	153,468	102,018	35
10,010	7,559	23,978	16,695	40,813	31,115	81,301	64,353	6,742	7,082	36
39,976	38,212	90,081	86,080	147,047	166,926	413,276	455,994	57,693	42,212	37
97,081	95,364	214,799	202,446	363,604	409,596	1,181,986	1,384,425	147,068	188,998	38
3,008	2,055	5,803	3,690	7,938	6,067	15,155	13,076	947	1,201	39
33,178	34,865	75,680	75,632	122,733	147,266	338,418	445,788	46,009	68,720	40
30,533	30,630	70,103	66,480	118,966	134,441	356,729	434,468	46,087	56,562	41
7,463	7,298	15,377	14,897	22,490	26,880	78,449	87,368	9,062	13,197	42
17,205	14,832	36,418	30,405	73,324	74,527	340,520	335,153	37,641	39,130	43
1,036	781	2,403	1,688	3,451	2,698	14,051	11,321	1,012	973	44
997	1,044	2,001	2,105	3,451	4,336	9,914	12,653	749	1,566	45
4,738	4,590	9,381	9,212	23,028	26,746	82,213	111,082	9,056	11,393	46
4,579	3,955	10,119	8,255	17,089	17,185	62,089	64,375	11,938	5,702	47
1,659	1,602	3,861	3,608	7,117	7,937	30,013	34,073	2,186	2,607	48
3,077	2,303	6,229	4,644	14,619	13,267	124,166	94,063	8,845	16,282	49
1,209	557	2,424	1,093	4,560	2,358	18,074	7,586	4,455	607	50
614	1,037	1,258	2,214	3,038	4,884	6,217	6,217	381	848	51
4,930	4,647	10,070	9,449	15,939	17,377	47,831	62,355	7,941	9,340	52

<sup>7</sup> Excludes figures for uranium-radium-vanadium ores industry (not available).

<sup>8</sup> Not available.

<sup>9</sup> For 1954, data were collected on the quantity but not on the cost of gas received for processing and on the value of residue gas shipped. Such costs have been estimated and included in group totals.

<sup>10</sup> Excludes the value of residue gas shipped.

<sup>11</sup> Excludes data for dimension stone quarries operated in conjunction with dressing plants.

<sup>12</sup> Excludes data for mining included in establishments classified in manufacturing industries.

Source: Department of Commerce, Bureau of the Census; *Census of Mineral Industries: 1968*.

## No. 996. MINERAL PRODUCTION, 1957 TO 1960; AND PRINCIPAL PRODUCING STATES, 1960

[Value in thousands of dollars. Includes Alaska and Hawaii. Data represent production as measured by mine shipments, mine sales, or marketable production (including consumption by producers). 1960 data for petroleum are preliminary. See also *Historical Statistics, Colonial Times to 1957*, series M 13-37, for selected values]

MINERAL	1957		1958		1959		1960	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Total mineral production.....		18,113,000		16,528,000		17,241,000		17,892,000
Mineral fuels.....		12,709,000		11,589,000		11,950,000		12,141,000
Asphalt and related bitumens (natural):.....								
Bituminous limestone and sandstone..... short tons.....	1,168,507	3,221	1,326,493	3,343	1,518,765	3,868	1,242,874	3,070
Gilsonite..... do.....	307,704	4,259	317,280	4,804	379,362	9,385	383,037	10,020
Carbon dioxide, natural (estimated)..... 1,000 cubic feet.....	704,276	139	722,615	102	485,179	71	521,169	99
Coal:								
Bituminous and lignite <sup>1</sup> ..... 1,000 short tons.....	492,704	2,504,406	410,446	1,996,281	412,028	1,965,607	415,512	1,950,425
Pennsylvania anthracite..... do.....	25,338	227,754	21,171	187,898	20,649	172,320	18,817	147,116
Helium..... 1,000 cubic feet.....	310,365	5,112	352,134	5,741	375,408	6,144	475,179	7,768
Natural gas..... 1,000,000 cubic feet.....	10,680,268	1,201,759	11,080,298	1,317,492	12,046,115	1,556,800	12,771,038	1,789,970
Natural-gas liquids:								
Natural gasoline and cycle products..... 1,000 gallons.....	5,734,307	415,791	5,596,458	398,139	5,697,102	408,694	5,842,607	416,819
LP-gases..... do.....	6,655,282	263,665	6,783,000	296,571	7,374,705	349,802	8,444,074	391,566
Peat..... short tons.....	316,217	3,458	327,813	3,446	419,460	4,372	470,889	5,138
Petroleum (crude)..... 1,000 (42-gal.) bbl.....	2,616,901	8,079,259	2,449,016	7,380,065	2,574,590	7,473,336	2,574,933	7,419,882
Nonmetallic minerals (except fuels) <sup>2</sup>		3,267,000		3,346,000		3,721,000		3,730,000
Abrasives stone <sup>2</sup> .....	( <sup>3</sup> )	331	( <sup>3</sup> )	182	3,672	315	2,539	240
Asbestos..... short tons.....	43,653	4,917	43,979	5,127	45,459	4,231	45,223	4,391
Barite..... do.....	1,145,791	12,897	662,402	7,508	901,815	10,301	713,926	8,563
Boron minerals..... do.....	541,124	38,041	528,209	38,310	619,946	46,150	640,691	47,550
Bromine..... 1,000 pounds.....	191,971	48,038	176,397	46,689	195,483	51,508	175,010	44,637
Cement.....	299,189	961,499	317,293	1,038,672	346,675	1,144,867	321,646	1,089,134
Clays..... 1,000 (376-lb.) bbl.....	45,620	155,805	43,750	143,487	49,383	159,659	49,054	162,372
Emery..... short tons.....	11,893	7,687	126	8,555	8,169	150	8,169	142
Feldspar..... long tons.....	498,057	4,935	469,738	4,278	548,390	5,372	502,380	4,779
Fluorspar..... short tons.....	228,872	15,777	319,513	15,071	185,091	8,680	229,782	10,391
Garnet (abrasive)..... do.....	9,776	1,080	12,303	869	14,568	1,211	10,522	986
Gem stones (estimated).....	( <sup>4</sup> )	882	( <sup>4</sup> )	1,006	( <sup>4</sup> )	1,184	( <sup>4</sup> )	1,188
Gypsum..... 1,000 short tons.....	9,195	29,871	9,600	32,495	10,900	39,231	9,825	35,090
Lime..... do.....	10,266	135,143	9,203	120,921	12,498	163,890	12,995	172,748

Principal producing States in order of quantity

Tex., Utah, Ala., Mo.  
N. Mex., Colo., Utah, Wash.

W. Va., Pa., Ky., Ill.  
Pa.  
Okla., Tex., N. Mex., Kans.  
Tex., La., Okla., N. Mex.

Tex., La., Okla., Calif.  
Mich., Fla., Calif., Pa.  
Tex., La., Calif., Okla.

Vt., Ariz., N.C., Calif.  
Ark., Mo., Ga., Nev.  
Calif.  
Mich., Tex., Ark., Calif.

Calif., Pa., Tex., Mich.  
Ohio, Pa., Ga., Tex.  
N.Y.  
N.C., Calif., S. Dak., Ga.  
Ill., Mont., Ky., Nev.

N.Y., Idaho.

Calif., Mich., Iowa, Tex.  
Ohio, Mo., Mich., Pa.

Magnesite.....	short tons	678,489	3,288	492,982	2,409	594,307	2,401	498,528	2,051	Nev., Wash., Calif.
Magnesium compounds from sea water and brines (except for metals).....	short tons (MgO equivalent)	184,286	15,997	207,053	16,419	276,309	21,636	293,454	21,903	Mich., Calif., N.J., Miss.
Mica.....	do									
Scrap.....	do	92,428	2,109	93,347	2,065	101,541	2,665	119,929	2,962	N.C., Ariz., Ga., Ala.
Sheet.....	pounds	690,052	2,492	661,344	2,845	706,395	3,419	578,585	2,880	N.C., N.H., S. Dak., Maine.
Pelite.....	short tons	301,605	2,562	291,994	2,463	394,669	2,737	312,153	2,665	N. Mex., Nev., Ariz., Calif.
Phosphate rock.....	1,000 long tons	13,776	87,689	14,579	93,693	15,869	98,383	17,508	117,041	Fla., Idaho, Tenn., Mont.
Potassium salts.....	1,000 short tons (K <sub>2</sub> O equivalent)	2,366	84,612	2,477	73,000	2,363	80,393	2,688	87,094	N. Mex., Calif., Utah, Mich.
Pumice.....	1,000 short tons	4,827	4,628	1,973	3,287	2,276	5,863	2,212	5,369	Ariz., Calif., N. Mex., Hawaii.
Pyrites.....	1,000 long tons	1,087	9,087	974	7,987	(3)	(3)	1,016	7,936	Tenn., Calif., Va., Colo.
Salt (common).....	1,000 short tons	23,844	148,857	21,911	141,486	25,169	155,839	25,479	161,140	La., Tex., Mich., N.Y.
Sand and gravel.....	do	622,253	999,790	634,488	652,789	730,205	728,712	709,792	720,436	Calif., Mich., Ohio, Wis.
Sodium carbonate (natural).....	short tons	684,717	17,792	628,619	17,032	735,291	13,078	808,624	20,865	Wyo., Calif.
Sodium sulfate (natural).....	do	321,382	6,542	347,445	6,716	402,743	7,689	449,631	8,706	Calif., Tex., Wyo.
Stone ?.....	1,000 short tons	354,425	825,402	585,923	826,685	584,163	911,982	616,735	932,454	Pa., Ill., Tex., Ohio.
Sulfur.....	1,000 long tons	5,035	122,915	4,644	109,272	5,222	121,777	5,003	115,494	Tex., La.
Other mines.....	do	1,172	1,521	1,154	1,505	1,132	1,418	(3)	(3)	Calif., Nev.
Talc, pyrophyllite and soapstone.....	short tons	684,453	4,796	718,165	4,718	791,558	5,641	734,473	5,378	N.Y., Calif., N.C., Tex.
Typha.....	do	80,717	4,195	47,044	183	52,988	219	57,713	247	Ill., Okla., Pa.
Vermiculite.....	1,000 short tons	184	2,693	191	2,728	207	3,082	199	3,108	Mont., S.C.
Nonmetallic minerals, undistributed ?.....			35,565		39,765		50,470		44,395	
<b>Metals</b> .....		<b>2,137,000</b>			<b>1,534,000</b>		<b>1,570,000</b>		<b>2,021,000</b>	
Antimony ore and concentrate.....										
Antimony.....	short tons (antimony content)	710	(3)	716	(3)	688	(3)	635	(3)	Idaho.
Bauxite.....	long tons (dried equivalent)	1,416,172	12,868	1,310,685	12,815	1,700,235	17,725	1,997,827	21,107	Ark., Ala., Ga.
Beryllium concentrate.....	short tons (gross weight)	521	276	505	243	425	179	509	162	Colo., S. Dak., Conn., N.H.
Chromite.....	do	166,157	7,816	143,795	6,187	105,000	3,765	107,000	3,813	Mont.
Cobalt (content of concentrate).....	1,000 pounds	4,123	(3)	4,832	(3)	2,944	(3)	(3)	(3)	Mo., Pa.
Columbium-tantalum concentrate.....	pounds	370,463	(3)	428,347	(3)	189,293	(3)	(3)	(3)	
Copper (recoverable content of ores, etc.).....	short tons	1,086,859	654,289	979,329	515,127	824,846	506,455	1,080,169	693,468	Ariz., Utah, Mont., Nev.
Gold (recoverable content of ores, etc.).....	trozy ounces	1,793,597	62,776	1,739,249	60,874	1,692,931	56,103	1,666,772	58,336	S. Dak., Utah, Alaska, Ariz.
Iron ore, usable (excluding byproduct iron sinter).....	1,000 long tons (gross weight)	104,157	805,703	96,288	569,154	59,164	514,067	82,957	723,496	Minn., Mich., Ala., Utah.

See footnotes at end of table.

No. 996. MINERAL PRODUCTION, 1957 TO 1960; AND PRINCIPAL PRODUCING STATES, 1960—Continued

[Value in thousands of dollars]

MINERAL	1957		1958		1959		1960	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
<b>Metals—Continued</b>								
Lead (recoverable content of ores, etc.)..... short tons	338, 216	96, 730	267, 377	62, 566	255, 536	58, 785	246, 009	57, 722
Manganese ore (35 percent or more Mn) short tons (gross weight)..... do	366, 334	29, 363	327, 309	23, 037	229, 104	17, 004	50, 031	5, 353
Manganese ore (5 to 35 percent Mn)..... do	865, 127	5, 413	520, 001	3, 532	470, 000	3, 193	658, 455	2, 466
Mercury..... 70-pound flasks	34, 625	8, 552	38, 067	8, 720	31, 256	7, 452	23, 223	7, 002
Molybdenum (content of concentrate)..... 1,000 pounds	97, 143	67, 605	42, 325	50, 371	51, 665	64, 645	64, 941	57, 406
Nickel (content of ore and concentrate)..... short tons	12, 901	( <sup>5</sup> ) 653	13, 489	( <sup>5</sup> ) 286	13, 374	( <sup>5</sup> ) 206	14, 079	( <sup>5</sup> )
Rare-earth and thorium concentrates..... short tons	3, 079		2, 021		1, 143		( <sup>5</sup> )	( <sup>5</sup> )
Silver (recoverable content of ores, etc.)..... 1,000 troy ounces	38, 165	34, 541	34, 111	30, 872	31, 104	28, 233	30, 766	27, 846
Tin (content of ore and concentrate)..... long tons					50	60	10	12
Titanium concentrate..... short tons (gross weight)	782, 075	21, 802	565, 164	11, 152	637, 263	12, 106	739, 283	14, 655
Rutile..... do	10, 644	1, 544	1, 863	210	8, 643	877	9, 433	879
<b>Tungsten ore and concentrate</b>								
..... short tons (50-percent WO <sub>3</sub> basis)	5, 520	8, 186	3, 788	3, 991	3, 649	4, 502	7, 325	9, 815
Uranium ore..... short tons	3, 652, 543	81, 181	5, 178, 315	116, 397	6, 934, 927	141, 349	7, 970, 211	162, 188
Vanadium (recoverable in ore and concentrate)..... short tons	3, 691	( <sup>5</sup> ) 3, 691	3, 030	10, 817	3, 719	13, 278	4, 971	17, 749
Zinc (recoverable content of ores, etc.)..... do	531, 735	123, 235	412, 005	84, 113	425, 303	97, 757	435, 427	112, 365
Metals, undistributed <sup>1</sup> ..... do		54, 145		23, 245		21, 763		23, 078

<sup>1</sup> Includes small quantity of anthracite mined in States other than Pennsylvania.<sup>2</sup> Adjusted to eliminate duplication in the value of clays and stone.<sup>3</sup> Grindstones, pulpstones, millstones, grinding pebbles, and tube-mill liners, weight not recorded; excludes sharpening stones, value included with "Nonmetallic minerals, undistributed." 1958 value for tube-mill liners also included with "Nonmetallic minerals, undistributed."<sup>4</sup> Weight not recorded.<sup>5</sup> Figure withheld to avoid disclosing individual company data; value included with "Nonmetallic minerals, undistributed."<sup>6</sup> Excludes abrasive stone, bituminous limestone and sandstone, and ground soapstone, all included elsewhere in table. Includes calcareous marl and slate.<sup>7</sup> Comprises value of items that cannot be disclosed: Aplit, brucite (1957-59), calcium-magnesium chloride, diatomite, epsom salts from epsomite (1957), graphite, iodine, kyanite, lithium minerals, greensand marl, nitrogen compounds (1957-58), olivine, sauro-lite (1957-58, 1960), sharpening stones (1957-58), wollastonite, and values indicated by footnote reference 5.<sup>8</sup> Figure withheld to avoid disclosing individual company data; value included with "Metals undistributed."<sup>9</sup> Excludes quantity and value consumed by American Chrome Company.<sup>10</sup> Comprises value of items that cannot be disclosed: Magnesium chloride for magnesium metal, manganese residue, platinum-group metals (crude), zirconium concentrate, and values indicated by footnote reference 8.Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

No. 997. MINERAL PRODUCTION—VALUE, 1950 TO 1960, AND RANK AND PRINCIPAL MINERALS IN ORDER OF VALUE, 1960, BY STATES  
[In thousands of dollars]

STATE	1950	1955	1959	1960		
				Value	Rank	Principal minerals in order of value
<b>United States</b>	<b>11,899,000</b>	<b>15,792,000</b>	<b>17,241,000</b>	<b>17,892,000</b>	-----	<b>Petroleum, coal, natural gas, cement.</b>
N.E.	50,945	73,851	82,538	90,414	-----	-----
Maine	7,461	12,991	13,278	13,648	46	Cement, sand and gravel, stone, mica.
N.H.	1,711	2,605	4,722	5,317	49	Sand and gravel, mica, stone, feldspar.
Vt.	18,563	23,884	23,359	22,879	43	Stone, asbestos, sand and gravel, talc.
Mass.	16,110	22,109	25,916	27,588	42	Sand and gravel, stone, lime, clays.
R.I.	1,425	1,894	2,333	5,737	48	Stone, sand and gravel.
Conn.	5,675	10,428	12,930	15,255	45	Stone, sand and gravel, lime, clays.
M.A.	1,389,613	1,243,805	1,156,271	1,135,615	-----	-----
N.Y.	156,585	216,907	234,642	254,713	18	Cement, stone, sand and gravel, iron ore.
N.J.	46,816	57,251	59,479	56,409	36	Stone, sand and gravel, iron ore, magnesium compounds.
Pa.	1,186,212	909,647	862,150	824,493	4	Coal, cement, stone, petroleum.
E.N.C.	1,201,235	1,486,240	1,629,216	1,693,736	-----	-----
Ohio	274,572	340,455	397,326	389,828	16	Coal, cement, stone, lime.
Ind.	166,632	183,209	206,359	206,882	20	Coal, cement, stone, petroleum.
Ill.	488,144	532,984	572,275	590,800	8	Petroleum, coal, stone, sand and gravel.
Mich.	230,194	303,778	381,297	429,055	13	Iron ore, cement, petroleum, sand and gravel.
Wis.	41,693	65,813	71,959	77,171	33	Sand and gravel, stone, iron ore, cement.
W.N.C.	911,497	1,326,048	1,314,026	1,479,918	-----	-----
Minn.	331,567	501,151	347,178	515,255	9	Iron ore, sand and gravel, stone, cement.
Iowa	41,773	63,555	88,557	95,030	29	Cement, stone, sand and gravel, gypsum.
Mo.	113,191	151,626	157,189	156,033	25	Cement, stone, lead, lime.
N. Dak.	9,614	44,123	67,342	73,275	32	Petroleum, sand and gravel, coal, natural gas liquids.
S. Dak.	32,716	40,526	48,553	46,780	39	Gold, sand and gravel, stone, cement.
Nebr.	14,022	54,287	97,130	103,687	28	Petroleum, cement, sand and gravel, stone.
Kans.	368,614	470,830	508,077	483,958	10	Petroleum, natural gas, cement, stone.
S.A.	1,142,604	1,195,894	1,335,760	1,324,172	-----	-----
Del.	822	1,658	1,284	989	50	Sand and gravel, stone, clays.
Md.	22,740	35,488	53,189	55,527	37	Cement, stone, sand and gravel, coal.
D.C.	60	-----	75	71	51	-----
Va.	137,806	172,541	222,501	203,819	21	Coal, stone, cement, sand and gravel.
W.Va.	829,633	755,429	737,616	720,674	6	Coal, natural gas, natural gas liquids, stone.
N.C.	20,338	41,210	40,789	44,968	40	Stone, sand and gravel, copper, feldspar.
S.C.	11,394	20,197	30,598	30,001	41	Cement, stone, clays, sand and gravel.
Ga.	43,394	60,417	86,262	91,203	30	Clays, stone, cement, sand and gravel.
Fla.	70,717	108,957	163,446	176,920	24	Phosphate rock, stone, cement, titanium.
E.S.C.	812,281	819,457	946,522	973,435	-----	-----
Ky.	459,956	391,068	418,821	413,517	15	Coal, petroleum, stone, natural gas.
Tenn.	90,405	119,316	140,738	143,439	27	Stone, cement, zinc, coal.
Ala.	158,975	186,453	200,847	217,617	19	Coal, cement, stone, iron ore.
Miss.	102,945	122,620	186,116	198,862	22	Petroleum, natural gas, cement, sand and gravel.
W.S.C.	4,014,800	5,989,393	6,892,059	7,036,708	-----	-----
Ark.	119,642	131,759	140,594	155,039	26	Petroleum, bauxite, stone, sand and gravel.
La.	693,607	1,156,424	1,706,269	1,667,652	2	Petroleum, natural gas, natural gas liquids, sulfur.
Okla.	527,095	711,044	765,439	770,116	5	Petroleum, natural gas, natural gas liquids, stone.
Texas.	2,674,456	3,990,166	4,210,767	4,184,901	1	Petroleum, natural gas, natural gas liquids, cement.
Mt.	1,211,761	2,078,319	2,309,131	2,600,913	-----	-----
Mont.	103,625	160,993	167,328	178,854	23	Petroleum, copper, sand and gravel, phosphate rock.
Idaho	79,320	68,613	70,209	57,441	35	Silver, phosphate rock, lead, zinc.
Wyo.	177,744	294,546	393,841	442,738	11	Petroleum, uranium, natural gas, sodium carbonates and sulfates.
Colo.	154,898	286,219	314,677	342,223	17	Petroleum, molybdenum, natural gas, uranium.
N. Mex.	210,294	438,649	592,535	652,200	7	Petroleum, natural gas, potassium salts uranium.
Ariz.	207,406	378,277	326,862	415,776	14	Copper, sand and gravel, cement, zinc.
Utah	229,066	332,002	373,515	431,396	12	Copper, petroleum, coal, uranium.
Nev.	48,499	113,220	70,164	80,285	31	Copper, sand and gravel, lime, iron ore.
Pac.	1,164,450	1,578,575	1,575,487	1,557,750	-----	-----
Wash.	49,055	67,334	63,894	70,005	34	Sand and gravel, cement, stone, zinc.
Oreg.	21,542	31,736	49,842	54,419	38	Stone, sand and gravel, cement, nickel.
Calif.	1,056,374	1,450,501	1,433,026	1,402,214	3	Petroleum, natural gas, cement, sand and gravel.
Alaska	17,852	25,412	20,495	21,858	44	Coal, gold, sand and gravel, petroleum.
Hawaii	19,627	3,592	7,630	9,254	47	Stone, sand and gravel, pumice, cement.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

**No. 998. NET SUPPLY OF PRINCIPAL MINERALS AND COMPONENTS OF GROSS SUPPLY, 1955 AND 1960; AND PERCENTAGE DISTRIBUTION OF IMPORTS BY COUNTRY GROUP OF ORIGIN, 1960**

[In thousands of short tons unless otherwise stated. Includes Alaska and Hawaii. Net supply is the sum of primary shipments, secondary production, and imports, minus exports. Gross supply is the total before subtraction of exports.]

COMMODITY	NET SUPPLY		GROSS SUPPLY: PERCENT FROM—				IMPORTS FOR CONSUMPTION, 1960: PERCENT FROM—							
	1955	1960	Primary shipments		Secondary production		Imports		Canada and Mexico	East and South Pacific	Other Western Hemisphere	Other free world	U.S.S.R. bloc	
			1955	1960	1955	1960	1955	1960						
Ferrous ores, scrap, and metals:														
Chromite (Cr <sub>2</sub> O <sub>3</sub> content)	826	609	7	7				93	93			2	97	1
Cobalt (content)	21,085	112,410	11	(3)				87	98	4			96	4
Iron (equivalent) <sup>1</sup>	117,800	103,222	64	50	32	27		14	23	30	20	46	4	(4)
Manganese (content)	1,200	1,291	7	7				630	693	8	1	32	59	
Molybdenum (content)	50,080	39,170	100	100				(5)	(5)					
Nickel (content)	154	128	3	11	5	4		92	85	71		16	13	
Tungsten ore and concentrate (W content)	18,140	4,990	43	64				57	56	3	13	18	66	
Other metallic ores, scrap, and metals:														
Aluminum (equivalent) <sup>1</sup>	1,809	2,399	8	17	4	2		74	81	4		88	8	
Antimony (recoverable content)	35	34	5	3	58	58		10	10	11	11	11	11	
Cadmium (content)	4,787	4,337	12	13	3			12	12	11	11		13	
Copper (content)	1,875	1,535	48	53	25	21		27	26	28	56		17	
Lead (content)	1,228	1,074	27	23	37	44		36	33	38	38	1	22	
Mercury—	48,888	53,088	14	39	20	9		41	34	13	1	(5)	86	
Platinum-group metals	1,068	716	2	3	6	15		92	87	23	(5)	5	50	16
Tin (content)	1,104	65	(5)	(5)	19	19		81	81	(5)	2	(5)	98	
Titanium concentrates: Rutile, ilmenite and slag (TiO <sub>2</sub> content)	18,526	622	18	68				19	32	39	20		41	
Zinc (recoverable content)	1,182	883	43	48	7	8		50	44	70	19	1	10	
Nonmetallic minerals:														
Asbestos	782	709	6	6				94	94	92	1	(5)	7	
Barite, crude	1,468	1,355	75	53				25	47	44	18		35	
Fluorspar, finished	14,431	767	43	30				57	70	55			45	
Gypsum, crude	14,431	14,231	17	63				28	37	89		11	(5)	
Mica (except scrap)	14,137	9,020	6	6				96	94	(5)	(5)	16	84	
Potash (K <sub>2</sub> O equivalent)	2,067	2,337	92	92				8	2	(5)	2		91	
Sulfur, all forms (content) <sup>1</sup>	5,627	5,722	97	90				3	10	100			(5)	5

<sup>1</sup> El Salvador, Chile, Bolivia, Peru, Ecuador, New Caledonia, and Australia. <sup>2</sup> Secondary production and imports only.

<sup>3</sup> Withheld to avoid disclosing individual company data.

<sup>4</sup> Includes iron ore, pig iron, and scrap. <sup>5</sup> Less than 0.5 percent.

<sup>6</sup> General imports.

<sup>7</sup> For 1960, includes 87 percent of bauxite mine production (rather than shipments) and imports and 92 percent of alumina imports (86 and 92 percent for 1955), both converted to estimated aluminum equivalent. <sup>8</sup> Mine production of barite.

<sup>9</sup> Includes iron equivalent (weight times 0.9) of imports of scrap, largely scrap pig.

<sup>10</sup> Includes recovery in antimonial lead from foreign silver and lead ores.

<sup>11</sup> Excludes antimony from foreign silver and lead ores.

<sup>12</sup> Primary shipments are estimated as a percentage of total primary production of metal, while imports are represented by the sum of the remaining percentage of such production plus imports of metal.

<sup>13</sup> Metal and fine dust only.

<sup>14</sup> Primary production.

<sup>15</sup> Recovery from both old and new scrap.

<sup>16</sup> Excludes rutile.

<sup>17</sup> Estimated by adjusting production, excluding byproduct, for changes in producers' stocks. <sup>18</sup> For pyrites, includes sulfur content (48 percent) of production.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

# No. 999. IMPORTS AND EXPORTS OF SELECTED MINERAL AND METAL PRODUCTS: 1950, 1960, AND 1961

[Includes trade of Alaska, Hawaii, and Puerto Rico with foreign countries]

MINERAL	QUANTITY				VALUE (\$1,000)		
	Unit	1950	1960	1961	1950	1960	1961
<b>IMPORTS FOR CONSUMPTION</b>							
Fuels: Petroleum, crude...	1,000 barrels.....	173,920	400,846	412,147	369,208	895,055	933,703
Nonmetallic minerals:							
Asbestos.....	Short tons.....	705,458	669,496	616,553	47,284	63,345	58,942
Diamonds:							
Gem.....	1,000 carats.....	1,166	2,167	3,114	102,187	165,555	103,275
Industrial.....	do.....	11,198	13,146	14,209	37,001	51,837	68,545
Mica.....	Short tons.....	18,511	11,052	7,272	23,660	8,305	7,999
Ores and concentrates:							
Bauxite.....	Long tons.....	2,516,247	9,586,304	10,183,280	15,730	78,024	88,821
Chromite.....	Short tons.....	1,303,714	1,386,622	1,323,463	23,299	24,813	21,444
Copper.....	Short tons of metal.....	94,301	83,394	54,409	35,899	49,380	15,448
Iron ore.....	1,000 long tons.....	8,297	34,584	25,811	44,027	321,939	250,254
Lead.....	Short tons of metal.....	96,134	137,540	137,192	21,184	27,911	24,385
Manganese ore.....	1,000 short tons.....	2,017	2,280	2,158	41,882	82,357	39,215
Nickel <sup>1</sup> .....	Short tons of metal.....	27,442	29,620	14,871	18,087	29,937	14,230
Tin.....	Long tons of metal.....	25,960	14,026	8,917	47,163	31,104	21,923
Tungsten.....	Short tons of metal.....	8,024	1,762	1,086	15,309	3,478	1,094
Metals (incl. scrap): <sup>2</sup>							
Aluminum.....	Short tons.....	244,737	159,748	205,225	62,517	77,406	92,925
Copper.....	do.....	366,265	176,948	89,250	145,344	113,224	53,000
Lead <sup>3</sup> .....	do.....	421,794	220,749	252,866	110,644	62,417	62,033
Nickel.....	do.....	63,789	70,797	84,905	64,124	116,679	169,831
Platinum group.....	Troy ounces.....	391,126	649,907	853,898	21,123	31,900	34,621
Tin <sup>4</sup> .....	Long tons.....	85,642	40,307	43,842	155,092	87,968	43,842
Zinc.....	Short tons.....	158,194	122,120	126,597	30,448	29,829	27,718
<b>EXPORTS<sup>5</sup></b>							
Fuels:							
Anthracite.....	1,000 short tons.....	3,892	1,440	1,546	62,502	28,803	22,354
Bituminous coal.....	do.....	25,468	36,541	34,974	206,545	331,616	319,089
Petroleum, crude.....	1,000 barrels.....	34,824	3,087	3,228	102,717	8,032	8,561
Nonmetallic minerals:							
Cement, hydraulic.....	do.....	2,418	187	286	7,275	1,135	1,387
Phosphate rock.....	Short tons.....	2,051,887	4,761,087	4,617,461	14,874	37,585	36,910
Potash material.....	do.....	117,137	832,893	806,567	5,534	25,926	32,608
Sulfur <sup>6</sup> .....	1,000 long tons.....	1,479	1,787	1,597	33,200	42,294	36,024
Metals (incl. scrap): <sup>2</sup>							
Aluminum <sup>7</sup> .....	Short tons.....	1,461	304,493	210,866	353	155,104	84,090
Copper <sup>7</sup> .....	do.....	154,007	615,496	584,633	61,281	356,628	323,001
Iron and steel, scrap <sup>8</sup> .....	1,000 short tons.....	217	8,040	9,716	6,014	241,572	354,017
Molybdenum <sup>7</sup> .....	Short tons.....	73	148	220	115	368	433
Nickel <sup>7</sup> .....	do.....	9,176	42,633	44,479	3,219	10,289	11,266
Zinc <sup>7</sup> .....	do.....	19,308	89,882	58,990	4,708	20,815	13,355

<sup>1</sup> Includes matte and oxide.

<sup>2</sup> Excludes semifabricated forms, except as noted.

<sup>3</sup> Includes alloys in chief value of lead.

<sup>4</sup> Includes alloys in chief value of tin.

<sup>5</sup> Includes shipments under foreign aid programs such as UNRRA, interim aid, European recovery, mutual security, and civilian supply.

<sup>6</sup> Includes crude (containing 85 percent or more sulfur), crushed, ground, refined, sublimed, and flowers.

<sup>7</sup> Includes alloys.

<sup>8</sup> Includes tin plated andterne plated scrap.

<sup>9</sup> Includes some semifabricated forms.

Source: Department of Commerce, Bureau of the Census.

# **No. 1000. STRATEGIC AND CRITICAL MATERIALS—SUMMARY OF INVENTORIES AND ON ORDER: 1961**

[In thousands of dollars. As of December 31. Data indicate the acquisition cost and current market value of inventories on hand and on order of strategic and critical materials essential to military and industrial requirements in time of national emergency. Nonstockpile materials comprise materials in Government inventories not having stockpile objectives or not meeting stockpile specifications. "P.L." means Public Law]

ITEM	INVENTORY		ON ORDER	
	Acquisition cost	Market value	Acquisition cost	Market value
<b>Total</b> .....	<b>8,711,579</b>	<b>7,723,229</b>	<b>246,929</b>	<b>248,280</b>
Stockpile grade.....	7,990,142	7,425,648	231,811	233,185
Nonstockpile materials.....	721,437	297,581	15,118	15,095
National stockpile (P.L. 520).....	6,088,152	5,729,553	7,056	8,195
Stockpile grade.....	5,783,179	5,575,870	7,056	8,195
Nonstockpile materials.....	304,973	153,683		
Defense Production Act (P.L. 744).....	1,478,767	920,768	104,850	96,274
Stockpile grade.....	1,085,923	793,799	103,986	95,944
Nonstockpile materials.....	392,844	126,969	864	330
Supplemental stockpile (P.L. 480).....	1,037,931	961,921		
Stockpile grade.....	1,015,538	946,153		
Nonstockpile materials.....	22,393	15,768		
Commodity Credit Corporation (P.L. 480).....	103,822	107,759	135,023	143,811
Stockpile grade.....	102,595	106,598	120,769	129,046
Nonstockpile materials.....	1,227	1,161	14,254	14,765
Federal Facilities Corporation (P.L. 608): Stockpile grade—tin.....	2,907	3,228		

<sup>1</sup> Includes materials valued at \$3.8 million to be transferred from Agency for International Development account at no cost to the stockpile. Excludes \$2.7 million cost of upgrading certain materials now in inventory.

<sup>2</sup> Excludes work in process (mica) totaling \$304,000.

<sup>3</sup> Includes transfer of \$27.5 million from Department of Interior inventory acquired under Public Law 733.

Source: General Services Administration.

# **No. 1001. STRATEGIC AND CRITICAL MATERIALS—DEFENSE PRODUCTION ACT PURCHASES, INVENTORY, AND OPERATING COSTS: 1950 TO 1961**

[In thousands of dollars. Covers period December 1950–December 1961 except as noted. See also headnote, table 1000]

COMMODITY	Total purchases	December 31, 1961, inventory at cost	SALES FROM INVENTORY		Operating expense	December 31, 1961, market value of inventory
			Received from sales	Government cost		
<b>Total</b> .....	<b>2,631,574</b>	<b>1,479,181</b>	<b>1,075,832</b>	<b>1,152,393</b>	<b>77,562</b>	<b>901,397</b>
Aluminum (pig).....	615,245	400,369	206,005	205,876	19	387,339
Aluminum subsidy (power).....					19,108	
Aluminum (sheet).....	4,733		5,036	4,733	75	
Asbestos.....	2,103	2,103			44	1,429
Bauxite.....	25,304	18,168	7,085	7,136	77	16,003
Beryllium.....	1,827	1,287	427	540	201	850
Bismuth.....	62	62				62
Chrome.....	38,584	35,880	2,468	2,704	572	14,383
Cobalt.....	56,653	52,103	3,964	4,550	82	39,002
Columbium-tantalum.....	79,806	62,170	10,622	17,636	999	13,834
Columbium-tantalum subsidy.....					6,277	
Copper.....	130,113	68,648	65,999	61,465	433	76,200
Copper subsidy.....					1,885	
Cryolite.....	15,399	9,805	4,081	5,534	108	5,326
Fluorspar.....	14,962	1,394	10,279	13,568	45	966
Graphite.....	178	1	20	177	51	
Lubricating graphite development.....					174	
Lead.....	15,134	3,036	11,810	12,098	253	1,603
Magnesium.....	122,755		110,880	122,755	3,722	
Manganese.....	226,317	182,853	29,071	43,464	5,325	78,545
Mercury.....	6,803		6,826	6,803	11	
Mica.....	50,746	39,151	3,874	11,595	1,490	18,500
Molybdenum.....	39,890		38,457	39,890	75	
Nickel-Nicarao.....	146,750	5,186	171,280	141,564	29	7,630
Nickel-other.....	286,287	80,639	151,657	199,348	30,295	71,148
Rutile.....					1,258	
Scrap (nonferrous).....	533		426	533		
Selenium.....					228	
Tin.....	176,593		175,025	176,593	17	
Titanium.....	180,185	175,577	4,341	4,608	2,427	59,731
Tungsten.....	366,914	325,459	34,541	41,455	2,049	109,686
Zinc.....	27,718		21,669	27,718	93	

Source: General Services Administration.



## No. 1002. EMPLOYMENT IN MINERAL INDUSTRIES, BY INDUSTRY GROUP: 1940 to 1960

[Excludes Alaska and Hawaii, except as noted. Excludes data on iron smelting and steel industries]

ITEM	1940	1950	1955	1957	1958	1959	1960 <sup>1</sup>
Men working daily <sup>2</sup> .....	801,026	1,237,649	1,122,393	1,187,052	1,129,638	1,106,542	957,609
Coal mines <sup>3</sup> .....	533,267	483,239	260,089	254,725	224,890	203,597	189,679
Anthracite (Pennsylvania).....	92,420	74,616	34,550	30,825	26,540	23,294	19,051
Bituminous and lignite.....	440,847	408,623	225,539	223,900	198,350	180,303	170,628
Coke.....	19,962	24,347	20,681	20,264	16,186	16,645	16,463
Beehive.....	2,493	3,405	1,084	1,061	1,532	780	684
Slot-type.....	17,469	20,042	19,597	19,203	15,654	15,865	15,779
Petroleum and natural gas.....	( <sup>4</sup> )	517,787	617,274	617,596	584,708	559,244	511,107
Peat.....	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	139	464	467	576
Metal mines <sup>3</sup> .....	110,340	68,292	65,143	68,457	59,608	58,557	53,656
Nonmetal mines <sup>3,6</sup> .....	9,780	11,077	14,504	17,921	17,820	18,773	14,520
Sand and gravel operations.....	( <sup>7</sup> )	( <sup>8</sup> )	( <sup>9</sup> )	31,531	51,122	50,492	26,832
Stone quarries <sup>7</sup> .....	79,509	85,730	78,238	83,126	88,448	91,523	69,156
Slag (iron-blast furnace).....	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	1,882	1,780	1,780	1,680
Metallurgical plants <sup>8</sup> .....	49,068	46,277	57,741	65,212	52,109	55,655	44,190
Ore-dressing plants.....	14,956	17,631	21,566	19,677	19,423	16,634	16,634
Nonferrous reduction plants and smelters.....	( <sup>9</sup> )	31,321	40,110	43,646	32,432	36,232	27,496
Nonmetal mills.....	( <sup>9</sup> )	( <sup>9</sup> )	8,723	27,081	32,401	40,800	29,810
Man-days worked.....1,000 days.....	175,665	( <sup>4</sup> )	286,783	301,232	275,895	236,207	213,029
Coal mines <sup>3</sup> .....do.....	100,239	91,231	53,691	52,077	41,121	37,773	35,778
Anthracite (Pennsylvania).....do.....	17,488	15,721	6,285	6,057	4,861	4,036	3,360
Bituminous and lignite.....do.....	88,771	75,510	47,306	46,020	36,260	33,738	32,417
Coke.....do.....	6,774	8,292	7,279	7,187	5,083	5,467	5,768
Beehive.....do.....	466	714	105	198	67	113	95
Slot-type.....do.....	6,308	7,578	7,085	6,989	5,616	5,354	5,678
Petroleum and natural gas.....do.....	( <sup>4</sup> )	( <sup>4</sup> )	162,877	161,716	151,965	148,143	132,917
Peat.....do.....	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	29	70	83	97
Metal mines <sup>3</sup> .....do.....	26,631	18,522	17,113	17,751	13,665	12,503	13,623
Nonmetal mines <sup>3,6</sup> .....do.....	2,416	3,512	3,836	4,691	4,258	4,492	3,715
Sand and gravel operations.....do.....	( <sup>7</sup> )	( <sup>8</sup> )	( <sup>9</sup> )	6,954	10,763	( <sup>10</sup> )	( <sup>10</sup> )
Stone quarries <sup>7</sup> .....do.....	19,121	23,346	21,470	22,410	23,353	( <sup>10</sup> )	( <sup>10</sup> )
Slag (iron-blast furnace).....do.....	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	467	455	( <sup>10</sup> )
Metallurgical plants <sup>8</sup> .....do.....	14,484	14,539	18,150	21,003	15,733	16,095	13,257
Ore-dressing plants.....do.....	4,348	4,985	6,214	6,214	5,225	4,808	4,794
Nonferrous reduction plants and smelters.....1,000 days.....	( <sup>9</sup> )	10,191	13,214	14,789	10,508	11,287	8,463
Nonmetal mills.....do.....	( <sup>9</sup> )	( <sup>9</sup> )	2,467	7,415	8,800	11,195	7,874
Man-hours worked.....1,000 hours.....	1,385,128	2,340,956	2,290,058	2,400,970	2,208,228	2,195,193	1,901,766
Coal mines <sup>3</sup> .....do.....	840,416	711,390	419,379	408,207	322,299	296,031	281,528
Anthracite (Pennsylvania).....do.....	122,447	116,554	45,995	44,311	35,471	29,371	24,452
Bituminous and lignite.....do.....	717,999	594,836	373,384	363,896	286,758	266,660	257,075
Coke.....do.....	53,624	65,861	58,164	57,337	45,486	43,626	40,086
Beehive.....do.....	3,273	5,268	1,453	1,478	516	844	712
Slot-type.....do.....	50,351	60,593	56,710	55,850	44,970	42,782	45,353
Petroleum and natural gas.....do.....	( <sup>4</sup> )	1,081,519	1,303,014	1,293,725	1,215,722	1,185,146	1,063,332
Peat.....do.....	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	231	704	738	886
Metal mines <sup>3</sup> .....do.....	211,740	147,765	136,950	142,181	109,523	100,576	109,260
Nonmetal mines <sup>3,6</sup> .....do.....	18,988	23,456	31,003	37,877	34,648	36,625	30,259
Sand and gravel operations.....do.....	( <sup>7</sup> )	( <sup>8</sup> )	( <sup>9</sup> )	59,764	92,456	100,830	49,300
Stone quarries <sup>7</sup> .....do.....	147,244	189,535	175,757	183,394	186,821	190,321	147,020
Slag (iron-blast furnace).....do.....	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	3,776	3,681	3,613
Metallurgical plants <sup>8</sup> .....do.....	113,110	116,430	145,941	167,489	125,773	128,013	106,067
Ore-dressing plants.....do.....	34,815	30,837	40,795	40,795	41,799	38,621	38,406
Nonferrous reduction plants and smelters.....1,000 hours.....	( <sup>9</sup> )	81,615	106,004	117,604	83,974	90,291	67,601
Nonmetal mills.....do.....	( <sup>9</sup> )	( <sup>9</sup> )	10,843	59,765	71,161	90,706	63,854

<sup>1</sup> Data final for all coal, coke, petroleum and natural gas, and slag; preliminary for all other.<sup>2</sup> Average number of men at work each day mine was active. Because absenteeism and labor turnover are taken into consideration, this number is lower than number of men available for work as measured by a count of names on payroll.<sup>3</sup> Includes Alaska.<sup>4</sup> Data on petroleum and natural gas not available prior to 1942.<sup>5</sup> Not available prior to 1957. Slag (iron-blast furnace) not available prior to 1958.<sup>6</sup> Beginning 1955, includes clay mines; not available for prior years.<sup>7</sup> Includes manufacture of cement and lime. Beginning 1957, includes Alaska.<sup>8</sup> Separate data not available for ore-dressing plants and nonferrous reduction plants and smelters prior to 1942.<sup>9</sup> Data on nonmetal mills not available prior to 1955. Data on clay mills not available prior to 1956.<sup>10</sup> Not available.Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*, and records.

## No. 1003. INJURIES IN MINERAL INDUSTRIES, BY INDUSTRY GROUP: 1940 TO 1960

[Excludes Alaska and Hawaii, except as noted. Excludes data on iron smelting and steel industries. See also *Historical Statistics, Colonial Times to 1957*, series M 259-274]

ITEM	1940	1950	1955	1957	1958	1959	1960 <sup>1</sup>
Fatal.....	1,716	952	729	810	656	590	587
Coal mines <sup>2</sup> .....	1,388	643	420	478	358	203	325
Anthracite (Pennsylvania).....	184	93	60	51	32	47	35
Bituminous and lignite.....	1,204	550	360	427	326	246	290
Coke.....	15	14	9	12	5	3	3
Beehive.....	1	1					
Slot-type.....	15	13	9	12	5	3	3
Petroleum and natural gas <sup>3</sup> .....	(4)	109	135	121	116	120	82
Peat.....	(5)	(5)	(5)			1	
Metal mines <sup>2</sup> .....	209	84	79	71	70	65	73
Nonmetal mines <sup>2,6</sup> .....	14	19	19	9	15	12	19
Sand and gravel.....	(5)	(5)	(5)	35	25	21	23
Stone quarries <sup>7</sup> .....	72	54	53	53	45	52	38
Slag (iron-blast furnace).....	(5)	(5)	(5)	(5)	1	1	
Metallurgical plants <sup>2</sup> .....	18	29	11	21	12	11	11
Ore-dressing plants.....		7	3	9	3	5	5
Nonferrous reduction plants and smelters.....							
Nonmetal mills.....	(9)	22	8	12	9	6	6
Nonfatal.....	80,856	66,729	46,197	45,898	39,925	37,750	32,298
Coal mines <sup>2</sup> .....	57,776	37,264	18,885	18,792	14,160	12,163	11,902
Anthracite (Pennsylvania).....	13,782	8,874	2,919	2,877	2,124	1,723	1,401
Bituminous and lignite.....	43,994	28,390	15,966	15,915	12,036	10,440	10,501
Coke.....	544	780	325	244	210	222	223
Beehive.....	144	264	45	47	20	39	46
Slot-type.....	400	516	280	197	190	183	177
Petroleum and natural gas <sup>3</sup> .....	(4)	13,500	13,038	11,426	11,588	10,543	9,110
Peat.....	(5)	(5)	(5)	5	12	14	24
Metal mines <sup>2</sup> .....	13,040	6,611	5,837	4,554	3,499	3,281	3,392
Nonmetal mines <sup>2,6</sup> .....	826	1,238	1,156	1,112	955	1,072	859
Sand and gravel.....	(5)	(5)	(5)	1,763	1,698	2,161	1,004
Stone quarries <sup>7</sup> .....	5,188	4,762	3,811	4,210	4,672	4,790	3,223
Slag (iron-blast furnace).....	(5)	(5)	(5)	(5)	43	43	34
Metallurgical plants.....	2,582	2,574	2,694	2,280	1,698	1,305	1,251
Nonmetal mills.....	(9)	(9)	451	1,512	1,490	2,156	1,246
Injury rates per million man-hours:							
Fatal.....	1.24	0.41	0.32	0.34	0.30	0.27	0.31
Coal mines <sup>2</sup> .....	1.65	0.90	1.00	1.17	1.11	0.99	1.15
Anthracite (Pennsylvania).....	1.50	0.80	1.30	1.15	0.90	1.60	1.48
Bituminous and lignite.....	1.68	0.92	0.96	1.17	1.14	0.92	1.13
Coke.....	0.28	0.21	0.15	0.21	0.11	0.07	0.07
Beehive.....		0.19					
Slot-type.....	0.30	0.21	0.16	0.21	0.11	0.07	0.07
Petroleum and natural gas <sup>3</sup> .....	(4)	0.10	0.10	0.09	0.10	0.10	0.08
Peat.....	(5)	(5)	(5)			1.36	
Metal mines <sup>2</sup> .....	0.99	0.57	0.58	0.50	0.64	0.65	0.67
Nonmetal mines <sup>2,6</sup> .....	0.74	0.67	0.61	0.24	0.43	0.33	0.63
Sand and gravel.....	(5)	(5)	(5)	0.59	0.27	0.19	0.47
Stone quarries <sup>7</sup> .....	0.49	0.28	0.30	0.29	0.24	0.26	0.26
Slag (iron-blast furnace).....	(5)	(5)	(5)	(5)	0.26	0.27	
Metallurgical plants.....	0.16	0.25	0.08	0.13	0.10	0.09	0.10
Nonmetal mills.....	(9)	(9)	0.15	0.17	0.13	0.12	0.20
Nonfatal.....	58,37	28,51	20,17	19,05	18,08	17,20	16,03
Coal mines <sup>2</sup> .....	68,75	52,38	45,03	46,04	49,04	41,09	42,28
Anthracite (Pennsylvania).....	112,55	76,14	63,46	64,93	59,88	58,66	57,30
Bituminous and lignite.....	61,28	47,73	42,46	43,74	41,97	39,15	40,85
Coke.....	10,14	11,84	5,50	4,26	4,62	5,09	4,84
Beehive.....	44,00	50,11	30,96	31,80	38,76	46,20	64,57
Slot-type.....	7,94	8,62	4,94	3,53	4,23	4,28	3,90
Petroleum and natural gas <sup>3</sup> .....	(4)	12,48	10,01	8,83	9,53	8,90	8,57
Peat.....	(5)	(5)	(5)	21,08	17,05	18,97	27,72
Metal mines <sup>2</sup> .....	65,84	44,74	42,62	32,08	31,95	32,62	31,05
Nonmetal mines <sup>2,6</sup> .....	43,50	43,51	37,15	29,36	27,56	20,27	26,38
Sand and gravel.....	(5)	(5)	(5)	29,50	18,37	19,08	20,37
Stone quarries <sup>7</sup> .....	35,23	25,12	21,68	22,96	24,47	24,03	21,83
Slag (iron-blast furnace).....	(5)	(5)	(5)	(5)	11,30	11,63	9,41
Metallurgical plants.....	22,83	22,11	18,47	13,61	13,50	10,12	11,79
Nonmetal mills.....	(9)	(9)	22,73	25,30	20,94	23,77	19,51

<sup>1</sup> Data final for all coal, coke, petroleum and natural gas, and slag; preliminary for all other.

<sup>2</sup> Includes Alaska.

<sup>3</sup> Beginning 1955, number of fatalities and permanent total injuries at petroleum and natural gas operations are combined. Fatal-frequency rates 1955-1960 include an unknown number of permanent total injuries which cannot be separated from fatal injuries.

<sup>4</sup> Data on petroleum and natural gas not available prior to 1942.

<sup>5</sup> Not available prior to 1957. Slag (iron-blast furnace) not available prior to 1958.

<sup>6</sup> Beginning 1955, includes clay mines; not available for prior years.

<sup>7</sup> Includes manufacture of cement and lime. Beginning 1957, includes Alaska.

<sup>8</sup> Separate data not available for ore-dressing plants and nonferrous reduction plants and smelters prior to 1942.

<sup>9</sup> Data on nonmetal mills not available prior to 1955. Data on clay mills not available prior to 1956.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*, and records.

# No. 1004. COAL—PRODUCTION, CONSUMPTION, IMPORTS, AND EXPORTS: 1940 TO 1960

[Quantities in thousands of short tons and values in thousands of dollars, except as indicated. Includes coal consumed at mines. See also *Historical Statistics, Colonial Times to 1937*, series M 88-108 and M 118-132]

ITEM	1940	1950	1955	1957	1958	1959	1960
<b>Total coal production:</b>							
Quantity.....	512,257	560,388	490,839	518,042	431,617	432,677	434,329
Value.....	1,084,817	2,892,772	2,298,480	2,732,160	2,184,179	2,137,927	2,097,541
<b>BITUMINOUS COAL <sup>1</sup></b>							
<b>Production:</b>							
Quantity.....	460,772	516,311	464,633	492,704	410,446	412,028	415,512
Value, total.....	879,327	2,500,374	2,092,383	2,504,406	1,996,281	1,965,607	1,950,425
Average per ton.....	\$1.91	\$4.84	\$4.50	\$5.08	\$4.86	\$4.77	\$4.69
<b>Exports:</b>							
Quantity.....	16,466	25,468	51,277	76,446	50,293	37,227	36,491
Value.....	60,832	206,546	( <sup>2</sup> )	764,666	490,008	349,521	331,616
<b>Imports:</b>							
Quantity.....	372	347	337	367	307	375	260
Value.....	1,601	2,369	( <sup>2</sup> )	1,493	2,546	2,433	1,844
<b>Consumption.....</b>	<b>430,910</b>	<b>454,202</b>	<b>423,412</b>	<b>413,068</b>	<b>366,703</b>	<b>366,266</b>	<b>380,429</b>
Number of mines.....	6,324	9,420	7,856	8,539	8,264	7,719	7,865
Average number of men employed <sup>3</sup> .....	439,076	415,582	225,093	228,635	197,402	170,636	169,400
Calculated capacity at 280 days per year <sup>4</sup> (millions of net tons).....	639	790	620	680	625	614	609
Average number of days worked.....	202	183	210	203	184	188	191
Average tons per man:							
Per day.....	5.19	6.77	9.84	10.59	11.33	12.22	12.63
Per year.....	1,049	1,239	2,004	2,155	2,079	2,294	2,453
<b>Percent underground production:</b>							
Out by machines.....	88.4	91.8	88.1	80.9	75.3	72.1	67.8
Mechanically loaded.....	35.4	69.4	84.6	84.8	84.9	86.0	86.3
<b>Percent total production:</b>							
Mechanically cleaned.....	22.2	38.5	58.7	61.7	63.1	65.5	65.7
Mined by stripping.....	9.2	23.9	24.8	25.2	28.3	29.4	29.5
<b>ANTHRACITE (PA.) <sup>5</sup></b>							
<b>Production:</b>							
Quantity.....	51,485	44,077	26,205	25,338	21,171	20,649	18,817
Value, total.....	205,490	302,398	200,097	227,754	187,898	172,320	147,116
Average per ton.....	\$3.99	\$6.90	\$7.86	\$8.99	\$8.88	\$8.35	\$7.82
<b>Exports:</b>							
Quantity.....	2,068	3,892	3,152	4,332	2,280	1,788	1,440
Value.....	21,210	62,602	48,429	65,012	35,762	28,931	22,803
<b>Imports:</b>							
Quantity.....	135	18	( <sup>6</sup> )	1	4	3	1
Value.....	976	255	1	9	34	22	16
<b>Consumption (apparent).....</b>	<b>49,000</b>	<b>39,900</b>	<b>23,000</b>	<b>20,800</b>	<b>19,000</b>	<b>18,800</b>	<b>17,000</b>
Average number of men employed.....	91,313	72,624	33,523	30,825	20,540	23,294	19,051
Average number of days worked.....	186	211	197	196	183	173	176
Average tons per man:							
Per day.....	3.02	2.83	3.96	4.18	4.36	5.12	5.60
Per year.....	562	597	780	819	798	886	986
Quantity cut by machines.....	1,816	612	394	292	184	201	226
Quantity mined by stripping.....	6,363	11,834	7,704	7,543	6,878	7,096	7,112
Quantity loaded mechanically underground.....	12,326	12,336	6,661	6,657	5,332	4,701	4,044
<b>World production, bituminous coal, lignite, and anthracite.....</b>	<b>1,983,057</b>	<b>1,997,388</b>	<b>2,352,008</b>	<b>2,575,166</b>	<b>2,690,448</b>	<b>2,776,704</b>	<b>2,900,965</b>

<sup>1</sup> Data relate to mines having output of 1,000 tons a year or more, including lignite and small output of anthracite produced outside Pennsylvania. Includes Alaska.

<sup>2</sup> Not available.

<sup>3</sup> Beginning 1950, average number of men working daily.

<sup>4</sup> Capacity of active mines with existing labor force, derived on basis of average output per day.

<sup>5</sup> Beginning 1950, production data include some bootleg coal purchased by anthracite industry for preparation and shipment to market. Data on employment, however, exclude such purchased coal, as complete employment data on "bootleg" holes are not available. Data for 1940 and 1950 not strictly comparable with later years.

<sup>6</sup> Less than 500 tons.

<sup>7</sup> Estimated.

<sup>8</sup> Preliminary.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*, and annual bulletins.

## No. 1005. COAL—PRODUCTION, BY STATES: 1941 to 1960

[In thousands of short tons. Includes coal consumed at mines]

STATE	1941- 1945, AVE.	1946- 1950, AVE.	1951- 1955, AVE.	1956- 1960, AVE.	1955	1957	1958	1959	1960
Total.....	636, 037	595, 972	496, 725	469, 288	490, 839	518, 042	431, 617	432, 677	434, 329
Anthracite (Pa.).....	59, 195	52, 323	33, 898	22, 975	26, 205	28, 338	21, 171	20, 649	18, 817
Bituminous and lignite.....	576, 842	543, 649	462, 827	446, 313	464, 633	492, 704	410, 446	412, 028	415, 512
Alabama.....	17, 783	16, 278	12, 176	12, 413	13, 088	13, 260	11, 182	11, 947	13, 011
Alaska.....	287	395	670	742	640	842	759	660	722
Arkansas.....	1, 821	1, 459	702	462	578	508	364	441	409
Colorado.....	7, 830	5, 360	3, 554	3, 394	3, 568	3, 594	2, 974	3, 294	3, 607
Illinois.....	68, 442	60, 034	46, 781	46, 090	45, 932	46, 993	43, 912	45, 466	45, 977
Indiana.....	25, 216	21, 500	16, 232	15, 650	16, 149	15, 841	15, 022	14, 804	15, 538
Iowa.....	2, 569	1, 752	1, 371	1, 219	1, 258	1, 312	1, 179	1, 180	1, 098
Kansas.....	3, 654	2, 386	1, 564	823	742	749	823	772	893
Kentucky.....	64, 020	74, 791	66, 426	60, 038	69, 020	74, 667	66, 312	62, 810	66, 846
Maryland.....	1, 854	1, 406	528	769	512	748	838	842	748
Missouri.....	3, 947	3, 720	2, 873	2, 898	3, 232	2, 976	2, 592	2, 748	2, 890
Montana.....	4, 245	3, 017	1, 805	444	1, 247	413	305	345	313
New Mexico.....	1, 600	1, 164	476	171	201	137	117	148	295
North Dakota.....	2, 447	2, 901	2, 423	2, 526	3, 102	2, 561	2, 314	2, 413	2, 525
Ohio.....	32, 190	35, 458	35, 847	35, 379	37, 870	36, 862	32, 028	35, 112	33, 957
Oklahoma.....	2, 623	3, 046	2, 133	1, 740	2, 164	2, 195	1, 630	1, 525	1, 342
Pennsylvania.....	138, 876	120, 441	89, 680	74, 830	85, 713	85, 365	67, 771	65, 347	65, 425
Tennessee.....	7, 184	5, 820	5, 923	7, 086	7, 053	7, 955	6, 785	5, 913	5, 980
Utah.....	6, 012	6, 613	6, 025	5, 642	6, 296	6, 858	6, 328	4, 545	4, 955
Virginia.....	19, 121	17, 190	20, 399	28, 400	23, 558	20, 506	26, 826	29, 769	27, 838
Washington.....	1, 641	1, 020	724	311	610	360	252	242	228
West Virginia.....	154, 335	151, 153	138, 858	134, 107	139, 168	156, 842	119, 498	119, 092	118, 914
Wyoming.....	8, 664	6, 889	4, 704	2, 060	2, 927	2, 117	1, 629	1, 977	2, 024
Other States.....	481	155	893	40	55	43	36	36	30

<sup>1</sup> North Dakota included with "Other States" in 1954 to avoid disclosure of individual operations.Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*. Current data also published in annual bulletin, *Bituminous Coal and Lignite*.

## No. 1006. CONSUMPTION OF BITUMINOUS COAL AND LIGNITE, BY CONSUMER CLASS AND RETAIL DELIVERIES: 1940 to 1961

[In thousands of short tons. Includes Alaska. See also *Historical Statistics, Colonial Times to 1957*, series M 108-116]

YEAR	Total	Electric power utilities <sup>1</sup>	Bunker, foreign and lake vessels <sup>2</sup>	Rail-roads (class I) <sup>3</sup>	MANUFACTURING AND MINING INDUSTRIES					Retail-dealer deliveries <sup>4</sup>
					Beehive coke plants	Oven coke plants	Steel and rolling mills <sup>4</sup>	Cement mills	Other <sup>4</sup>	
1940.....	430, 910	49, 126	2, 089	85, 130	4, 803	76, 883	14, 169	5, 559	107, 864	84, 687
1945.....	559, 567	71, 663	3, 192	125, 120	8, 135	87, 214	14, 241	4, 203	128, 562	119, 291
1950.....	454, 202	88, 262	2, 042	60, 969	9, 088	94, 757	10, 877	7, 023	95, 862	84, 422
1952.....	418, 757	103, 306	1, 839	37, 962	6, 912	90, 702	9, 632	7, 093	93, 637	66, 861
1953.....	426, 798	112, 283	1, 839	27, 735	8, 226	104, 048	8, 764	8, 167	95, 160	59, 976
1954.....	363, 080	115, 235	1, 244	17, 370	980	84, 411	6, 983	7, 924	77, 115	51, 798
1955.....	423, 412	140, 550	1, 499	15, 473	2, 869	104, 508	7, 353	8, 529	89, 611	63, 020
1956.....	432, 858	154, 983	1, 470	12, 308	4, 043	101, 870	7, 189	9, 026	93, 302	48, 667
1957.....	413, 068	167, 398	1, 364	8, 401	3, 473	104, 547	6, 993	8, 633	87, 202	35, 712
1958.....	366, 703	162, 928	955	3, 725	1, 017	75, 563	7, 268	8, 256	81, 372	35, 619
1959.....	366, 256	165, 788	969	2, 600	1, 827	77, 354	6, 674	8, 510	73, 896	29, 138
1960.....	380, 429	173, 882	945	2, 101	1, 640	79, 375	7, 378	8, 216	76, 487	30, 465
1961 (prel.).....	374, 419	179, 629	772	( <sup>5</sup> )	1, 487	72, 406	7, 495	7, 615	77, 280	27, 735

<sup>1</sup> Federal Power Commission. Represents consumption by public-utility power plants in power generation, including a small quantity of coke.<sup>2</sup> Bureau of the Census.<sup>3</sup> Association of American Railroads. Represents consumption by class I railways for all uses, including locomotive, powerhouse, shop, and station fuel.<sup>4</sup> Estimates based on reports collected from a selected list of representative steel and rolling mills, manufacturing plants and retailers.<sup>5</sup> Not available.Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*. Current data also published in annual bulletin, *Bituminous Coal and Lignite*, and *Weekly Coal Report*.

## No. 1007. COKE—SUMMARY: 1940 TO 1961

[Excludes Alaska, Hawaii, and Puerto Rico, except for exports and imports. See also *Historical Statistics, Colonial Times to 1867*, series M 117, for production]

ITEM	1940	1950	1955	1958	1959	1960	1961
Production.....1,000 short tons..	57,072	72,718	75,302	53,604	55,864	57,229	51,711
Oven coke.....do.....	54,014	66,891	73,584	53,006	54,789	56,219	50,830
Percent of total.....	94.6	92.0	97.7	98.9	98.1	98.2	98.4
Beehive coke.....1,000 short tons..	3,058	5,827	1,718	508	1,074	1,010	881
Value of products at plant.....\$1,000,000..	438	1,289	1,635	1,300	1,305	1,382	1,223
Beehive coke.....do.....	13	78	23	9	16	15	13
Oven coke.....do.....	269	918	1,224	991	1,002	1,033	905
All coal-chemical materials.....do.....	186	293	388	300	288	334	305
Average value per ton at plant <sup>1</sup> .....dollars..	4.80	13.43	16.23	18.19	17.76	18.31	17.76
Coal charged.....1,000,000 short tons..	81.4	94.9	107.7	76.8	79.6	81.4	-----
Average value per ton.....dollars.....	3.58	8.41	8.76	9.84	9.80	9.82	9.72
Yield of coke from coal.....percent.....	70.1	69.9	69.9	69.8	70.2	70.3	-----
Ovens in existence end of year.....number..	27,884	32,690	26,143	24,926	23,441	22,903	20,926
Coke (slot type).....do.....	12,734	14,982	16,039	16,244	15,993	15,320	15,224
Beehive.....do.....	15,150	17,708	10,104	8,682	7,448	7,583	5,702
Coke ovens under construction end of year (slot-type).....do.....	492	706	261	149	118	372	179
Exports.....1,000 short tons..	804	398	531	393	460	353	-----
Imports.....do.....	113	438	126	122	123	126	-----

<sup>1</sup> Beginning 1955, data based on market values and not comparable with preceding years.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

## No. 1008. COKE—OVEN AND BEEHIVE PRODUCTION, BY STATES: 1930 TO 1961

[In thousands of short tons. Excludes screenings or breeze]

STATE	1930	1935	1940	1945	1950	1955	1959	1960	1961
<b>OVEN</b>									
Total <sup>1</sup> .....	45,196	34,224	54,014	62,094	66,891	73,584	54,789	56,219	50,830
Alabama.....	3,987	1,994	4,727	5,401	5,833	6,245	4,898	4,897	3,950
Illinois.....	3,577	1,660	3,015	3,682	3,591	3,041	2,045	1,971	1,841
Indiana.....	4,985	3,768	6,413	7,814	8,256	9,492	6,893	8,024	7,667
Maryland.....	1,169	930	1,683	2,025	2,367	3,236	2,402	( <sup>2</sup> )	( <sup>2</sup> )
Massachusetts.....	863	1,006	1,130	1,149	855	551	338	( <sup>2</sup> )	( <sup>2</sup> )
Michigan.....	2,604	2,482	2,372	2,806	2,731	3,421	3,265	3,279	2,958
Minnesota.....	641	430	524	826	834	1,029	696	( <sup>2</sup> )	( <sup>2</sup> )
New Jersey.....	919	917	1,016	1,284	1,481	993	615	( <sup>2</sup> )	( <sup>2</sup> )
New York.....	3,860	4,099	5,080	5,790	5,412	4,035	3,047	( <sup>2</sup> )	( <sup>2</sup> )
Ohio.....	6,163	5,101	7,898	9,406	10,314	11,701	8,841	8,423	6,704
Pennsylvania.....	12,529	8,078	14,862	15,255	16,333	19,489	13,756	14,146	13,321
West Virginia.....	1,479	1,604	1,900	2,462	3,389	4,325	3,077	2,758	2,694
All other States <sup>1</sup> .....	2,480	2,146	2,894	4,194	5,495	6,036	4,916	12,721	11,695
<b>BEEHIVE</b>									
Total <sup>1</sup> .....	2,776	917	3,058	5,214	5,827	1,718	1,074	1,010	881
Pennsylvania.....	2,011	564	2,550	4,584	5,193	1,314	713	684	454
Virginia.....	220	138	198	191	198	141	( <sup>2</sup> )	326	( <sup>2</sup> )
All other States <sup>1</sup> .....	545	215	310	439	436	263	361	-----	427

<sup>1</sup> Excludes Alaska and Hawaii.

<sup>2</sup> Included in "All other States."

<sup>3</sup> Beginning 1960, includes West Virginia.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*, and records

**No. 1009. OIL WELLS, NUMBER AND PRODUCTION, 1959 AND 1960, AND NUMBER OF OIL AND GAS WELLS DRILLED, 1960 AND 1961, BY STATES**

STATE	PRODUCING OIL WELLS				WELLS DRILLED <sup>1</sup>							
	Approximate number, Dec. 31		Average production per well per day (barrels)		Oil		Condensate		Gas		Dry	
	1959	1960	1959	1960	1960	1961	1960	1961	1960	1961	1960	1961
<b>Total<sup>2</sup></b>	<b>583,141</b>	<b>591,158</b>	<b>12.2</b>	<b>12.0</b>	<b>21,186</b>	<b>21,101</b>	<b>1,306</b>	<b>749</b>	<b>8,952</b>	<b>4,915</b>	<b>17,574</b>	<b>17,106</b>
Ark.	6,155	6,381	12.2	12.6	292	215	2		36	43	270	286
Calif.	36,915	37,771	23.1	22.3	1,160	1,410	1		114	157	419	428
Colo.	2,089	2,021	59.4	62.7	119	93	9	2	116	114	462	453
Ill.	31,826	31,995	6.6	6.8	776	725			8	13	1,055	824
Ind.	5,050	5,176	6.4	6.2	345	274			12	6	699	508
Kans.	40,175	40,460	8.4	7.7	2,040	2,238	1	2	200	224	1,818	1,774
Ky.	21,165	20,571	3.7	2.8	768	380			264	238	722	745
La.	28,468	24,682	42.7	44.8	1,685	1,745	335	150	282	482	1,395	1,057
Mich.	4,130	4,348	7.1	10.1	357	200			26	68	428	478
Miss.	2,403	3,086	58.5	51.6	308	201	30	24	9	18	347	331
Mont.	3,888	3,707	21.0	21.8	132	167			8	4	212	236
Nehr.	1,461	1,571	47.3	44.0	279	355			2	2	613	647
N. Mex.	12,740	14,286	23.4	21.8	1,014	905	46	5	374	435	401	461
N. Y.	19,230	18,579	0.3	0.3	126	230			28	16	60	28
N. Dak.	1,390	1,451	38.5	42.2	159	131	1				122	127
Ohio.	10,934	16,743	1.0	0.8	454	565			260	194	304	290
Okl.	75,630	77,720	7.2	6.9	2,284	2,820	72	79	434	514	1,472	1,657
Pa.	68,450	66,260	0.2	0.3	255	237			269	212	91	77
Texas.	188,934	192,934	14.1	13.4	7,880	7,556	807	479	732	1,072	5,755	5,152
Utah.	697	796	180.1	187.5	117	90		3	23	35	102	124
W. Va.	12,780	12,560	0.5	0.5	78	118			686	857	94	126
Wyo.	7,090	7,475	47.2	50.8	483	377	2	5	55	95	526	506
Other States <sup>2</sup>	541	585	34.8	42.0	74	69			14	16	198	193

<sup>1</sup> Figures from *The Oil and Gas Journal*.<sup>2</sup> Includes Alaska.Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

**No. 1010. PETROLEUM, CRUDE—PRODUCTION, 1946 TO 1961, AND RESERVES, 1960 AND 1961, BY STATES**

[In thousands of barrels of 42 gallons. See also *Historical Statistics, Colonial Times to 1957*, series M 133 and M 137]

STATE	PRODUCTION						PROVED RESERVES <sup>1</sup> (December 31)	
	1946-1950, avg.	1951-1955, avg.	1956-1960, avg.	1955	1960	1961 (prel.)	1960	1961
<b>Total<sup>2</sup></b>	<b>1,885,325</b>	<b>2,338,809</b>	<b>2,566,539</b>	<b>2,484,428</b>	<b>2,574,933</b>	<b>2,621,758</b>	<b>31,613,000</b>	<b>31,759,000</b>
Arkansas	30,220	29,284	29,110	28,369	30,117	29,249	302,000	281,000
California	329,694	357,955	323,674	354,812	305,352	300,062	3,659,000	3,615,000
Colorado	18,462	38,693	61,229	52,653	47,469	46,746	364,000	420,000
Illinois	66,619	65,516	78,754	81,423	77,841	79,387	556,000	603,000
Indiana	8,038	11,630	11,929	10,988	12,054	11,152	66,000	62,000
Kansas	104,542	116,767	120,151	121,669	113,453	112,241	884,000	878,000
Kentucky	9,692	12,873	20,117	15,518	21,147	18,643	129,000	116,000
Louisiana	177,009	250,082	341,341	271,010	400,332	424,962	4,785,000	4,991,000
Michigan	16,501	12,551	11,311	11,266	15,899	18,898	78,000	79,000
Mississippi	36,237	36,190	44,110	37,741	51,073	54,402	407,000	401,000
Montana	8,835	12,067	27,897	15,654	30,240	30,907	267,000	251,000
Nebraska		6,110	20,574	11,203	23,825	24,396	86,000	100,000
New Mexico	44,144	67,924	98,848	82,968	107,380	112,083	1,084,000	1,090,000
New York	4,563	3,691	2,194	2,904	1,813	1,715	32,000	28,000
North Dakota		4,785	16,166	11,143	21,992	23,568	431,000	413,000
Ohio	3,296	3,667	5,581	4,353	5,405	5,161	75,000	76,000
Oklahoma	149,305	193,708	204,445	202,817	192,913	191,834	1,791,000	1,787,000
Pennsylvania	12,317	10,173	7,010	8,531	6,009	5,622	108,000	102,000
Texas.	811,726	1,015,829	1,004,260	1,053,297	927,479	938,017	14,758,000	14,850,000
West Virginia	2,777	2,724	2,213	2,320	2,300	2,703	51,000	51,000
Wyoming	49,660	82,527	117,989	99,483	133,910	142,589	1,427,000	1,381,000
Other States <sup>2</sup>	1,788	3,854	28,136	4,316	46,330	47,331	273,000	344,000

<sup>1</sup> From Reports of Committee on Petroleum Reserves, American Petroleum Institute. Figures for California, Louisiana, and Texas include offshore reserves.<sup>2</sup> Beginning 1959, includes Alaska, and 1960, Hawaii.Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

# **No. 1011. CRUDE PETROLEUM, REFINED PRODUCTS, AND NATURAL-GAS LIQUIDS— PRODUCTION AND STOCKS: 1930 TO 1961**

[Barrels of 42 gallons. Excludes Alaska and Hawaii, except as noted. See also *Historical Statistics, Colonial Times to 1957*, series M 133-136 and M 168-177]

ITEM	1930	1940	1950	1955	1958	1959 <sup>1</sup>	1960 <sup>1</sup>	1961 <sup>1</sup>
<b>Crude petroleum:</b>								
Domestic production.....mil. bbl.	898	1,353	1,974	2,484	<sup>2</sup> 2,449	2,575	2,575	2,622
Value at wells.....mil. dol.	1,070	1,385	4,063	6,870	<sup>2</sup> 7,380	7,473	7,420	7,567
World production.....mil. bbl.	1,412	2,144	3,803	5,626	6,607	7,133	7,674	8,188
U.S. proportion of world total.....percent.	64	63	52	44	37	36	34	32
Imports <sup>3</sup> .....mil. bbl.	62	43	178	285	348	352	372	382
Exports <sup>3</sup> .....do.	24	51	35	12	4	3	3	3
Stocks, end of period:								
Gasoline-bearing crude.....do.	400	265	248	266	<sup>2</sup> 263	257	240	245
California heavy crude.....do.	( <sup>4</sup> )	12						
Runs to stills.....do.	927	1,294	2,095	2,730	2,789	2,918	2,953	2,987
Average price per barrel at wells.....dol.	1.19	1.02	2.51	2.77	<sup>2</sup> 3.01	2.90	2.88	2.89
<b>Refined products:</b>								
Imports <sup>3</sup> .....mil. bbl.	43	41	133	170	273	297	293	308
Exports.....do.	133	79	76	123	96	75	71	60
Stocks, end of period <sup>5</sup> .....do.	<sup>4</sup> 254	281	327	436	<sup>2</sup> 504	526	516	543
Output of motor fuel.....do.	441	617	1,024	1,374	1,440	1,489	1,522	1,532
Yield of gasoline.....percent.	42.0	43.1	43.0	44.0	45.2	44.9	45.1	44.7
Completed refineries, end of year.....	435	556	357	318	313	310	311	311
Daily crude-oil capacity.....mil. bbl.	3.9	4.7	7.0	8.6	9.8	9.9	10.0	10.1
Average dealer's net price (excl. tax) of gasoline in 50 U.S. cities <sup>6</sup> .....cents per gal.	14.49	9.08	15.10	16.18	16.22	16.09	16.08	15.80
<b>Natural-gas liquids:</b>								
Production.....mil. bbl.	53	56	182	281	295	321	340	359
Stocks, end of period.....do.	2	6	7	14	23	25	29	37

<sup>1</sup> Includes Alaska and Hawaii.

<sup>2</sup> Includes Alaska.

<sup>3</sup> Excludes trade between Alaska (prior to 1959), Hawaii, Puerto Rico, and foreign countries. Exports include shipments from coterminous U.S. to Alaska, Hawaii, and outlying areas of the U.S.

<sup>4</sup> Figure for California heavy crude included in refined products.

<sup>5</sup> Beginning 1955, new basis; not comparable with earlier years.

<sup>6</sup> Beginning 1955, figures from Platt's Oilgram Price Service; prior years from American Petroleum Institute.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

## **No. 1012. PETROLEUM—RUNS TO STILLS AND REFINERY PRODUCTS, BY CLASS: 1950 TO 1961**

[In thousands of barrels of 42 gallons. Excludes Alaska and Hawaii, except as noted. See also *Historical Statistics, Colonial Times to 1957*, series M 152-167]

PRODUCT	1950	1956	1957	1958	1959	1960	1961 (prel.)
<b>Input.....</b>	<b>2,189,506</b>	<b>3,040,168</b>	<b>3,040,526</b>	<b>2,926,673</b>	<b>3,070,984</b>	<b>3,119,327</b>	<b>3,156,605</b>
Crude petroleum.....	2,094,807	2,905,106	2,900,436	2,789,404	2,917,661	2,952,534	2,987,158
Domestic.....	1,018,854	2,569,655	2,529,672	2,444,220	2,595,804	2,581,668	2,604,127
Foreign.....	170,013	341,451	360,764	345,175	352,157	370,966	383,031
Natural-gas liquids.....	94,689	135,062	150,090	187,209	153,823	166,793	169,447
<b>Output.....</b>	<b>2,189,506</b>	<b>3,040,168</b>	<b>3,040,526</b>	<b>2,926,673</b>	<b>3,070,984</b>	<b>3,119,327</b>	<b>3,156,605</b>
Gasoline <sup>1</sup> .....	998,336	1,306,787	1,415,335	1,411,956	1,473,430	1,510,134	1,512,324
Kerosene.....	118,512	123,480	108,929	110,008	110,662	135,772	141,410
Distillate fuel oil.....	398,012	605,687	605,573	631,405	678,938	667,050	690,015
Residual fuel oil.....	425,217	426,699	415,656	363,358	347,900	332,147	315,577
Jet fuel.....		66,443	63,323	73,676	92,933	88,248	95,210
Lubricants.....	51,735	59,241	55,723	51,298	50,111	59,389	59,254
Wax (1 bbl.=280 lb.).....	4,462	5,367	5,461	5,252	5,630	5,896	5,781
Coke (5 bbl.=1 s. ton).....	17,224	31,095	33,406	37,808	41,117	60,010	75,333
Asphalt (5 s. bbl.=1 s. ton).....	58,240	90,636	85,683	89,380	97,643	98,671	101,819
Road oil.....	6,928	8,027	7,209	5,925	6,493	6,970	5,820
Still gas (1 bbl.=3,000 cu. ft.).....	83,743	121,993	125,720	125,061	126,958	120,480	127,537
Liquefied gases.....	20,083	51,962	53,437	57,623	68,692	77,878	78,947
Other finished products.....	4,717	12,493	15,816	18,718	21,854	24,358	26,267
Other unfinished oils (not.....)	<sup>2</sup> 6,391	<sup>2</sup> 4,008	1,355	<sup>2</sup> 22,495	<sup>2</sup> 26,368	<sup>2</sup> 22,094	<sup>2</sup> 19,570
Shortage.....	<sup>3</sup> 712	<sup>4</sup> 15,704	<sup>4</sup> 15,169	<sup>4</sup> 23,192	<sup>4</sup> 31,609	<sup>4</sup> 53,232	<sup>4</sup> 65,429

<sup>1</sup> Includes part-year operations of 1 refinery in Hawaii.

<sup>2</sup> Includes crude gasoline.

<sup>3</sup> Negative quantity; represents net excess of unfinished oils rerun over unfinished oils produced.

<sup>4</sup> Negative quantity.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

**No. 1013. NATURAL GAS—PRODUCTION, CONSUMPTION, AND VALUE: 1930 TO 1960**[Excludes Alaska and Hawaii, except as noted. See also *Historical Statistics, Colonial Times to 1967*, series M 138-147]

ITEM	1930	1940	1950	1955	1958	1959 <sup>1</sup>	1960 <sup>1</sup>
Total marketed production <sup>2</sup> .....bil. cu. ft.	1,943	2,660	6,282	9,405	11,030	12,040	12,771
Value (at wells) of gas produced.....mil. dol.	147	120	409	978	1,317	1,557	1,790
Average per 1,000 cu. ft.....cents.	7.6	4.5	6.5	10.4	11.9	12.9	14.0
Number of producing gas wells, Dec. 31	55,020	53,880	64,900	71,475	80,400	83,225	90,761
Total consumption.....bil. cu. ft.	1,942	2,655	6,026	9,070	10,761	11,820	12,509
Residential.....do.	206	444	1,198	2,124	2,714	2,913	3,103
Commercial.....do.	81	135	388	629	872	975	1,020
Industrial.....do.	1,565	2,076	4,440	6,317	7,175	7,932	8,386
Value (at point of consumption) of gas consumed.....mil. dol.	416	577	1,604	3,026	4,968	5,642	6,270
Residential.....do.	201	316	826	1,885	2,665	2,946	3,209
Commercial.....do.	39	64	184	305	606	703	791
Industrial.....do.	176	197	593	1,346	1,697	1,993	2,270
Average per 1,000 cu. ft.....cents.	21.4	21.7	26.6	40.0	46.2	47.7	50.1
Residential.....do.	67.8	71.1	69.0	88.7	98.2	101.1	103.4
Commercial.....do.	47.8	47.8	47.6	62.7	69.5	72.1	77.5
Industrial.....do.	11.3	9.5	13.4	19.6	23.6	25.1	27.1
Number of consumers:							
Residential.....1,000.....	5,035	9,245	16,906	26,084	29,282	30,692	31,148
Commercial.....do.	413	741	1,347	2,140	2,405	2,608	2,584

<sup>1</sup> Includes Alaska.<sup>2</sup> Beginning 1950, comprises gas sold or consumed by producers, including losses in transmission, amounts added to storage, and increases in gas in pipelines.**No. 1014. NATURAL-GAS LIQUIDS—PRODUCTION AND VALUE: 1930 TO 1960**[Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1967*, series M 148-151]

ITEM	1930	1940	1950	1955	1958	1959	1960
Total produced.....mil. gal.	( <sup>1</sup> )	( <sup>1</sup> )	7,642	11,818	12,379	13,472	14,287
Natural gasoline and natural gasoline mixtures.....mil. gal.	2,210	2,174	3,229	<sup>2</sup> 4,457	<sup>2</sup> 4,355	<sup>2</sup> 4,222	<sup>2</sup> 4,479
Liquefied petroleum gases.....do.	( <sup>1</sup> )	( <sup>1</sup> )	3,036	5,973	6,783	7,875	8,444
Cycle products.....do.	( <sup>1</sup> )	166	1,378	1,388	1,241	1,375	1,303
Value at plants:							
Natural gasoline.....\$1,000	128,160	<sup>3</sup> 68,261	213,810	<sup>2</sup> 313,075	<sup>2</sup> 300,606	<sup>2</sup> 290,311	<sup>2</sup> 313,058
Liquefied petroleum gases.....do.	( <sup>1</sup> )	( <sup>1</sup> )	97,773	195,231	206,571	349,302	361,506
Cycle products.....do.	( <sup>2</sup> )	( <sup>2</sup> )	108,022	110,700	92,473	118,383	103,761
Average value per gallon, all light products.....cents.	45.8	42.9	5.5	5.2	5.6	5.6	5.7
Natural gas processed.....bil. cu. ft.	2,089	2,471	5,342	8,186	8,453	9,187	9,708
Average yield, all light products gal. per 1,000 cu. ft.	( <sup>1</sup> )	( <sup>1</sup> )	1.43	1.44	1.48	1.47	1.40

<sup>1</sup> Not available.<sup>2</sup> Includes isopentane; included in LP-gases for prior years.<sup>3</sup> Cycle products included with natural gasoline. <sup>4</sup> Excludes LP-gases.Source of tables 1013 and 1014: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.**No. 1015. ESTIMATES OF NATURAL GAS RESERVES: 1950 TO 1961**[In billions of cubic feet. Beginning 1961, includes Alaska. Volumes calculated at a pressure base of 14.65 pounds per square inch, absolute, and at a standard temperature of 60° F. See also *Historical Statistics, Colonial Times to 1967*, series M 142, for estimated reserves]

YEAR	NATURAL GAS ADDED DURING YEAR			Net increase in underground storage	Net production during year	Estimated proved reserves as of end of year	Increase over previous year
	Total	Extensions and revisions	Discoveries of new fields and new pools in old fields				
1950.....	12,050	9,172	2,877	54	6,893	185,693	5,211
1951.....	22,017	16,298	5,719	88	10,118	223,697	11,987
1952.....	24,851	19,215	5,636	134	10,908	237,775	14,077
1953.....	20,117	11,118	8,999	180	11,502	246,569	8,795
1954.....	19,000	13,369	5,631	58	11,485	254,142	7,573
1955.....	20,734	14,933	5,801	161	12,441	262,597	8,455
1956.....	13,970	7,333	6,637	283	13,090	263,759	1,162
1957.....	17,260	10,315	6,945	160	13,452	267,728	3,969

Source: American Gas Association, New York, N. Y.; yearbook, *Gas Facts*.



# No. 1016. NATURAL GAS—PRODUCTION, 1930 TO 1960, AND RESERVES, 1955 AND 1960, BY STATES

[In billions of cubic feet]

STATE	NATURAL GAS—MARKETED PRODUCTION <sup>1</sup>						NATURAL GAS RESERVES <sup>2</sup>	
	1930	1940	1950	1955	1959	1960	1955	1960
<b>Total <sup>3</sup></b>	<b>1,943</b>	<b>2,660</b>	<b>6,282</b>	<b>9,405</b>	<b>12,046</b>	<b>12,771</b>	<b>223,697</b>	<b>263,759</b>
Arkansas.....	19	14	48	32	41	55	1,164	1,460
California.....	335	362	558	538	486	518	8,893	8,844
Colorado.....	3	3	11	49	100	107	2,254	2,043
Illinois.....	3	8	13	8	14	12	234	173
Kansas.....	33	90	304	471	604	634	16,203	19,620
Kentucky.....	28	53	73	73	74	75	1,262	1,144
Louisiana.....	278	343	832	1,080	2,670	2,088	42,436	63,386
Michigan.....	2	13	11	8	19	21	326	586
Mississippi.....	(4)	6	114	163	162	172	2,608	2,542
Montana.....	10	26	39	28	31	33	720	626
Nebraska.....	(5)	(5)	(4)	13	13	15	203	118
New Mexico.....	9	64	213	541	740	799	18,585	15,604
North Dakota.....	(5)	(5)	1	5	18	19	281	1,151
Ohio.....	63	41	43	34	35	36	810	766
Oklahoma.....	348	258	452	615	812	824	13,205	17,311
Pennsylvania.....	39	91	91	99	99	114	754	1,192
Texas.....	518	1,004	3,126	4,731	5,719	5,803	108,288	119,489
Utah.....	(5)	(5)	4	17	39	51	421	1,526
West Virginia.....	144	189	190	212	205	209	1,565	1,831
Wyoming.....	43	27	62	78	167	182	3,196	3,935
Other States <sup>4</sup>	13	19	5	9	10	12	201	411

<sup>1</sup> For 1930 and 1940, amount used by ultimate consumer only; thereafter comprises gas sold or consumed by producers, including losses in transmission, amounts added to storage, and increases in gas in pipelines.

<sup>2</sup> Estimated recoverable proved reserves. Offshore reserves included for California, Louisiana, and Texas. Excludes gas loss due to natural-gas liquids recovery. Source: American Gas Association.

<sup>3</sup> Beginning 1959, includes Alaska.

<sup>4</sup> Less than 500 million cubic feet.

<sup>5</sup> Included with "Other States."

## No. 1017. CONSUMPTION OF FUEL OILS AND NATURAL GAS, BY MAJOR CONSUMER GROUPS: 1950 TO 1960

[Fuel oils in thousands of barrels of 42 gallons; natural gas in billions of cubic feet. Natural gas includes Alaska beginning 1958; distillate and residual fuel oil beginning 1959]

TYPE OF FUEL	Total	Rail-roads	Vessels	Gas and electric power plants	Smelters, mines, and manufactures	Space heating and cooking	Military	Oil and gas company fuel	Miscellaneous
<b>Distillate fuel oil:</b>									
1950.....	305,306	48,703	12,872	13,207	37,121	235,740	6,553	5,692	35,418
1955.....	581,127	84,668	16,675	5,884	43,606	356,589	10,945	8,597	54,163
1957.....	617,275	88,315	20,420	5,296	43,532	377,044	12,737	10,419	59,512
1958.....	653,559	83,719	18,768	5,382	37,553	412,670	13,412	7,815	74,240
1959.....	658,992	87,802	18,250	5,005	33,380	415,521	11,394	8,642	77,998
1960.....	683,325	86,490	18,730	4,742	34,271	438,010	10,793	8,347	81,942
<b>Residual fuel oil:</b>									
1950.....	554,208	60,878	92,947	93,062	148,111	72,716	28,333	53,263	4,898
1955.....	556,983	15,018	115,128	75,966	173,030	86,282	28,308	53,387	9,804
1957.....	544,577	6,953	123,651	76,577	166,885	81,412	28,062	50,153	9,984
1958.....	531,367	5,772	106,269	76,995	143,142	105,639	37,428	46,463	9,650
1959.....	554,352	5,613	102,049	82,208	167,701	111,860	31,415	46,177	7,339
1960.....	550,536	5,610	94,084	85,408	157,270	125,088	31,724	45,061	6,201
<b>Natural gas:</b>									
1950.....	6,026	-----	-----	1,620	2,672	1,586	-----	1,768	-----
1955.....	9,070	-----	-----	1,153	2,930	2,753	-----	2,378	-----
1957.....	10,280	-----	-----	1,338	2,546	3,276	-----	2,458	-----
1958.....	10,761	-----	-----	1,373	2,476	3,586	-----	2,598	-----
1959.....	11,820	-----	-----	1,627	2,593	3,888	-----	2,839	-----
1960.....	12,509	-----	-----	1,724	2,484	4,123	-----	2,902	-----

<sup>1</sup> Source: Federal Power Commission. Includes gas other than natural gas, therefore excluded from total.

<sup>2</sup> Includes natural-gas component of gas used in gas and electric power plants.

Source of tables 1016 and 1017: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

# No. 1018. PETROLEUM ASPHALT AND ROAD OIL—SUPPLY, DISTRIBUTION, STOCKS AND SALES: 1945 TO 1961

[In thousands of short tons. Beginning 1959, includes Alaska; imports and exports include Alaska, Hawaii, and Puerto Rico for all years]

ITEM	1945	1950	1955	1957	1958	1959	1960	1961 (prel.)
<b>SUPPLY AND DISTRIBUTION</b>								
Petroleum asphalt:								
Production.....	7,127	10,589	15,113	15,579	16,251	17,753	17,940	18,513
Imports (including natural).....	147	324	605	1,162	1,390	1,250	1,117	1,204
Exports.....	212	144	285	325	248	188	168	115
Stocks, end of year.....	693	962	1,413	1,902	1,774	1,991	2,362	2,363
Apparent domestic consumption <sup>1</sup> .....	6,973	10,669	15,325	16,178	17,491	18,598	19,036	19,601
Road oil:								
Production.....	471	1,260	1,542	1,311	1,077	1,181	1,085	1,058
Stocks, end of year.....	67	72	102	107	76	119	135	138
Apparent domestic consumption <sup>2</sup> .....	438	1,255	1,519	1,205	1,108	1,138	1,069	1,055
<b>SALES</b>								
Paving products:								
Asphalt cements.....	( <sup>3</sup> )	( <sup>3</sup> )	5,867	7,152	7,957	8,914	8,736	9,163
Cutback asphalts.....	( <sup>3</sup> )	( <sup>3</sup> )	4,039	3,894	4,402	4,594	4,502	4,040
Emulsified asphalts.....	( <sup>3</sup> )	( <sup>3</sup> )	861	889	1,025	1,132	1,435	1,515
Road oil.....	( <sup>3</sup> )	( <sup>3</sup> )	1,400	1,306	1,166	1,143	1,177	1,083
Roofing products:								
Asphalt cements and fluxes.....	( <sup>3</sup> )	( <sup>3</sup> )	3,490	2,789	3,094	3,293	3,516	3,630
Emulsified asphalts.....	( <sup>3</sup> )	( <sup>3</sup> )	12	30	7	6	9	6
Miscellaneous products:								
Asphalt cements and fluxes.....	( <sup>3</sup> )	( <sup>3</sup> )	1,366	1,576	1,635	1,839	1,800	1,690
Emulsified asphalts.....	( <sup>3</sup> )	( <sup>3</sup> )	45	44	59	56	55	65

<sup>1</sup> Production, plus imports, less exports, and plus or minus change in stocks.

<sup>2</sup> Production, plus or minus change in stocks. <sup>3</sup> Not available.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*, and records.

## No. 1019. CEMENT—SUMMARY: 1930 TO 1961

[Barrels of 376 pounds. Beginning 1940, includes Puerto Rico; imports and exports include Alaska, Hawaii, and Puerto Rico for all years. See also *Historical Statistics, Colonial Times to 1957*, series M 178-179]

ITEM	1930	1940	1950	1955	1958	1959	1960	1961 (prel.)
Production of finished cement.....1,000 bbl.	162,689	132,751	230,272	314,913	326,352	355,734	334,130	338,141
Portland.....do.	161,197	130,216	226,026	297,453	311,471	339,091	319,009	323,405
Prepared masonry.....do.	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	16,519	14,361	16,205	14,553	14,236
Natural, slag, and hydraulic lime.....1,000 bbl.	<sup>2</sup> 1,792	<sup>2</sup> 2,535	<sup>2</sup> 4,246	941	520	438	568	500
Active plants:								
Portland.....number	163	152	150	157	168	172	176	176
Natural, slag, and hydraulic lime.....number	11	12	9	6	5	4	4	4
Shipments.....1,000 bbl.	100,846	132,864	231,975	310,245	322,011	352,067	327,087	334,753
Value.....\$1,000	231,250	193,465	545,951	896,888	1,053,847	1,161,849	1,103,680	1,122,870
Per barrel.....dollars	1.44	1.46	2.35	2.89	3.27	3.30	3.37	3.35
Portland.....1,000 bbl.	159,059	130,350	227,766	292,765	307,068	335,452	312,292	319,971
Prepared masonry.....do.	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	16,520	14,451	16,174	14,247	14,282
Natural, slag, and hydraulic lime.....1,000 bbl.	<sup>2</sup> 1,787	<sup>2</sup> 2,514	<sup>2</sup> 4,219	954	492	441	548	500
Stocks at mills, Dec. 31 (finished portland cement).....1,000 bbl.	25,809	23,365	13,119	17,539	30,718	31,465	35,462	36,270
Imports.....do.	985	538	1,410	5,220	3,390	5,205	4,098	3,623
Exports.....do.	756	1,698	2,418	1,795	641	277	187	286
World production (estimate).....1,000 bbl.	416,880	474,927	781,500	1,274,501	1,540,119	1,724,403	1,859,415	( <sup>3</sup> )

<sup>1</sup> Prepared masonry cement from portland cement plants not included in tabulations until 1955.

<sup>2</sup> Includes masonry cement from natural, slag, and hydraulic lime plants. <sup>3</sup> Not available.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

## No. 1020. PORTLAND CEMENT—PRODUCTION, BY STATES: 1930 TO 1961

[In thousands of barrels of 376 pounds]

STATE	1930	1940	1950	1955	1958	1959	1960	1961 (prel.)
<b>Total</b> .....	<b>161, 197</b>	<b>180, 217</b>	<b>226, 026</b>	<b>297, 453</b>	<b>311, 471</b>	<b>339, 091</b>	<b>319, 009</b>	<b>323, 405</b>
Alabama.....	4, 821	5, 122	10, 372	12, 161	12, 372	13, 461	11, 035	12, 790
California.....	10, 124	14, 216	26, 277	35, 449	39, 056	43, 635	39, 892	41, 107
Illinois.....	7, 935	4, 975	7, 924	8, 810	9, 433	9, 560	9, 270	8, 752
Iowa.....	7, 088	4, 606	7, 416	10, 182	12, 306	13, 147	12, 527	12, 785
Kansas.....	6, 012	3, 433	5, 616	9, 219	9, 244	10, 177	7, 996	8, 390
Michigan.....	11, 511	8, 603	12, 967	18, 205	19, 841	21, 561	20, 971	21, 685
Missouri.....	7, 809	4, 068	9, 778	12, 001	12, 143	13, 610	12, 606	11, 039
New York <sup>2</sup> .....	10, 373	8, 437	14, 196	20, 049	16, 920	18, 610	20, 134	17, 382
Ohio.....	8, 692	6, 064	10, 607	13, 966	15, 191	18, 028	16, 850	15, 090
Pennsylvania.....	37, 844	26, 853	38, 646	46, 863	40, 945	41, 208	37, 170	36, 602
Tennessee.....	3, 875	3, 808	6, 685	8, 110	7, 923	8, 688	7, 926	8, 730
Texas.....	6, 782	7, 375	17, 150	24, 241	25, 465	27, 111	28, 190	24, 890
Other States <sup>1</sup> .....	38, 393	31, 156	65, 392	78, 197	90, 632	100, 295	98, 542	103, 353

<sup>1</sup> Beginning 1940, includes Puerto Rico; beginning 1960, includes Hawaii.<sup>2</sup> Beginning 1950, includes Maine.Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.No. 1021. SAND AND GRAVEL—QUANTITY SOLD OR USED BY PRODUCERS, AND VALUE:  
1930 TO 1960[Beginning 1940, includes Alaska and Hawaii; 1940 through 1955, includes Puerto Rico; and 1955, includes Canal Zone and islands administered by the U.S. See also *Historical Statistics, Colonial Times to 1957*, series M183, for total]

ITEM	1930	1940	1950	1955	1958	1959	1960
<b>Sand and gravel</b> .....1,000 short tons..	197, 052	238, 308	370, 455	592, 153	684, 498	730, 205	709, 792
Building.....do.....	46, 605	68, 030	132, 873	213, 712	196, 098	287, 427	230, 994
Paving.....do.....	84, 176	143, 158	204, 242	327, 976	410, 430	418, 175	388, 950
Other.....do.....	66, 271	27, 114	33, 340	50, 465	177, 070	174, 603	189, 848
Value.....\$1,000.....	115, 177	110, 688	295, 040	536, 236	652, 789	728, 712	720, 436
Average per ton.....dollars.....	.58	.40	.80	.91	.95	1.00	1.01
<b>Commercial sand</b> .....1,000 short tons..	81, 754	63, 930	124, 982	106, 528	121, 578	123, 554	123, 139
Value.....\$1,000.....	48, 894	40, 520	120, 350	200, 166	234, 113	266, 457	271, 205
Average per ton.....dollars.....	.60	.63	.96	1.06	1.11	1.15	1.16
<b>Noncommercial (government-and-con-</b> <b>tractor) sand</b> .....1,000 short tons..	1, 905	14, 744	13, 918	24, 591	30, 080	37, 631	31, 517
Value.....\$1,000.....	828	4, 806	5, 961	13, 075	16, 958	22, 074	22, 334
Average per ton.....dollars.....	.43	.33	.43	.53	.56	.50	.71
<b>Commercial gravel</b> .....1,000 short tons..	95, 126	67, 226	132, 574	223, 548	277, 716	303, 369	288, 756
Value.....\$1,000.....	58, 475	37, 745	120, 074	228, 386	291, 170	332, 188	318, 145
Average per ton.....dollars.....	.61	.56	.91	1.02	1.05	1.09	1.10
<b>Noncommercial (government-and-con-</b> <b>tractor) gravel</b> .....1,000 short tons..	18, 267	92, 308	98, 981	147, 486	165, 124	157, 651	155, 380
Value.....\$1,000.....	6, 980	27, 612	47, 755	85, 610	110, 548	107, 993	103, 683
Average per ton.....dollars.....	.38	.30	.48	.58	.67	.69	.70

<sup>1</sup> Includes ground sand, not formerly covered, as follows: 1955, 1,210,000 tons valued at \$8,390,000; 1958, 773,338 tons, \$7,249,000; 1959, 930,017 tons, \$8,007,000; 1960, 981,499 tons, \$8,004,000.Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

# No. 1022. STONE—QUANTITY SOLD OR USED BY PRODUCERS, AND VALUE, BY KIND AND BY USE: 1930 TO 1960

[Includes Alaska and Hawaii for all years except 1955; Puerto Rico for 1930, 1940, and 1950; and Panama Canal Zone and islands administered by the U.S. for 1955]

VARIETY AND USE	QUANTITY SOLD OR USED (1,000 short tons) <sup>1</sup>						VALUE (\$1,000)		
	1930	1940	1950	1955	1959	1960	1950	1959	1960
<b>Total</b> .....	127,460	154,206	252,425	471,251	584,163	616,735	404,106	911,982	952,454
<b>KIND</b>									
Granite.....	10,048	10,880	21,935	26,079	37,571	42,748	50,697	78,416	89,654
Basalt and related rocks.....	14,532	15,716	22,805	35,851	51,770	57,884	34,373	80,454	87,600
Sandstone <sup>2</sup> .....	4,594	6,499	9,101	13,108	17,553	21,013	23,787	46,467	48,771
Marble.....	477	240	267	1,092	1,895	1,644	10,932	32,200	31,060
Limestone <sup>3</sup> .....	88,741	112,058	180,919	361,524	433,955	451,253	252,756	600,497	623,437
Other stone.....	8,604	7,740	10,378	17,705	18,551	21,444	16,514	25,855	27,541
Shell.....				15,131	20,180	18,934		34,810	33,706
Slate.....	464	473	930	700	656	532	15,047	11,288	9,233
<b>USE</b>									
Dimension stone.....	4,491	2,261	2,021	2,674	2,442	2,257	65,273	87,571	86,000
Building stone.....	3,555	1,897	1,565	2,129	1,853	1,694	43,500	62,524	59,360
Rough.....	1,422	555	554	811	599	578	6,815	3,198	3,965
Dressed.....	900	281	675	876	844	738	20,850	47,890	43,983
Rubble.....	1,066	916	247	375	300	330	615	1,006	1,743
Roofing and mill-stock slate.....	167	145	89	67	50	48	6,229	4,920	4,604
Monumental.....	291	196	237	295	236	221	17,062	17,862	19,254
Paving blocks.....	294	19	4	6	29	61		144	131
Curbing.....	262	71	78	121	155	157	2,430	3,811	3,929
Flagging.....	89	78	137	183	169	154	2,220	3,230	3,335
Crushed and broken stone.....	122,960	151,945	250,404	468,577	581,721	614,478	338,834	824,411	866,445
Riprap.....	4,292	5,264	6,598	10,280	16,904	25,033	7,807	20,637	34,222
Concrete and road-stone.....	74,293	92,814	146,466	254,588	357,098	387,044	191,534	478,287	520,580
Railroad ballast.....	12,818	7,454	15,614	15,871	11,314	11,156	17,520	12,730	12,780
Furnace flux.....	17,091	22,872	35,970	40,068	28,633	30,708	37,932	41,682	44,558
Refractory stone.....	1,197	1,741	2,158	1,169	955	749	5,849	7,192	6,082
Agricultural.....	2,542	8,724	19,349	18,360	20,819	22,804	30,393	36,038	39,260
Portland and natural cement (limestone, cement rock, and shell).....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	84,209	91,010	85,551	( <sup>4</sup> )	96,901	91,904
Lime and dead-burned dolomite.....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	16,409	20,517	19,724	( <sup>4</sup> )	31,834	30,850
Other uses.....	10,736	13,076	20,919	27,617	34,471	31,707	47,799	90,101	86,140

<sup>1</sup> Quantities of stone not sold by short tons are expressed in approximate equivalents in short tons.

<sup>2</sup> Includes calcareous marl (2,643,000 tons valued at \$1,926,000 in 1959 and 1,283,000 tons valued at \$1,353,000 in 1960) excluded in distribution by kind of stone.

<sup>3</sup> Beginning 1955, includes ground sandstone, quartz, and quartzite for abrasives and other uses.

<sup>4</sup> Beginning 1955, includes limestone, cement rock, and dolomite used in making cement, lime, and dead-burned dolomite.

<sup>5</sup> Not available.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

## No. 1023. LIME—PRODUCTION, BY TYPE AND USE: 1940 TO 1960

[Includes Hawaii and Puerto Rico. See also *Historical Statistics, Colonial Times to 1957*, series M 181-182]

ITEM	1940	1950	1955	1958	1959	1960
Active plants.....number.....	314	168	150	145	156	157
Quantity sold or used by producers.....1,000 short tons.....	4,887	7,478	10,480	9,211	12,598	12,935
Value.....\$1,000.....	33,956	83,248	127,144	121,193	164,211	172,748
Per ton.....dollars.....	6.95	11.13	12.13	13.16	13.13	13.35
Open-market lime.....1,000 short tons.....	4,548	7,022	8,930	7,388	8,405	8,189
Captive tonnage lime.....do.....	1,339	1,456	1,550	1,823	4,193	4,746
<b>By type:</b>						
Quicklime.....do.....	2,633	3,834	6,113	5,538	7,756	8,271
Hydrated.....do.....	1,886	1,885	2,238	2,614	2,766	2,716
Dead-burned dolomite.....do.....	868	1,759	2,129	1,659	1,086	1,949
<b>By use:</b>						
Agricultural.....do.....	365	333	305	196	196	187
Building.....do.....	1,010	1,249	1,810	1,193	1,315	1,208
Chemical and industrial.....do.....	2,644	4,187	6,786	6,163	9,011	9,591
Refractory (dead-burned dolomite).....do.....	863	1,759	2,129	1,659	1,087	1,949

<sup>1</sup> Incomplete; only partial coverage of captive plants.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*, and records.

## No. 1024. GYPSUM—SUPPLY, SALES, IMPORTS, AND EXPORTS: 1945 TO 1961

[Quantities in thousands of short tons; values in thousands of dollars. Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports. See also *Historical Statistics, Colonial Times to 1957*, series M 180, for gypsum mined]

ITEM	1945	1950	1955	1958	1959	1960	1961
Active establishments <sup>1</sup> .....	75	87	83	85	93	96	98
Crude gypsum: <sup>2</sup>							
Mined.....	3,812	8,193	10,684	9,600	10,900	9,825	9,500
Imported.....	509	3,219	3,977	4,047	6,132	5,306	4,967
Apparent supply.....	4,320	11,412	14,661	13,647	17,035	15,106	14,467
Calcined gypsum produced:							
Quantity.....	<sup>3</sup> 2,485	7,341	8,848	8,122	9,268	8,591	8,246
Value.....	<sup>3</sup> 14,474	60,480	88,576	91,402	111,740	120,984	117,579
Gypsum products sold, total value <sup>4</sup> .....	60,149	205,383	319,323	320,070	388,335	361,190	358,811
Uncalcined uses:							
Quantity.....	1,148	2,218	2,938	3,471	3,980	3,716	3,899
Value.....	3,433	7,912	11,435	14,018	16,100	15,486	16,161
Industrial uses:							
Quantity.....	158	266	299	250	311	284	258
Value.....	2,326	4,530	6,337	5,850	7,087	6,362	6,328
Building uses, value.....	54,390	192,940	301,551	309,202	365,130	339,342	336,322
Gypsum and gypsum products:							
Imported for consumption, value <sup>5</sup> .....	549	3,584	7,276	7,864	13,196	10,426	10,306
Exported, value.....	1,603	1,046	1,348	2,465	1,296	1,293	1,299

<sup>1</sup> Each mine, plant, or combination mine and plant is counted as 1 establishment.

<sup>2</sup> Excludes byproduct gypsum.

<sup>3</sup> Includes production from small quantity of byproduct gypsum.

<sup>4</sup> Made from domestic, imported, and byproduct gypsum.

<sup>5</sup> Beginning 1955, data not comparable with previous years.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*, and records.

## No. 1025. SULFUR, PYRITES, AND OTHER SULFUR-CONTAINING RAW MATERIALS—PRODUCTION, IMPORTS, AND EXPORTS: 1940 TO 1961

[Quantities in 1,000 long tons; values in thousands of dollars except average. Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports. See also *Historical Statistics, Colonial Times to 1957*, series M 185-189]

ITEM	1940	1950	1955	1959	1960	1961
Production:						
Sulfur, all forms <sup>1</sup> .....	3,227	5,986	7,027	6,168	6,661	7,171
Sulfur from Frasch mines.....	2,732	5,192	5,739	4,554	4,943	5,385
Recovered elemental sulfur (sulfur content).....	4	142	399	636	707	856
Pyrites (gross weight).....	627	931	1,007	1,057	1,016	987
Sulfur content.....	262	393	410	437	416	398
Value.....	1,920	4,059	8,391	8,148	7,936	7,418
Byproduct sulfuric acid <sup>2</sup> (sulfur content).....	213	216	325	317	345	332
Shipments, Frasch mines.....	2,559	5,505	5,839	5,222	5,003	5,033
Approximate value.....	40,900	104,000	163,156	121,777	115,494	117,834
Average value per long ton.....	15.98	18.89	27.94	23.32	23.08	23.10
Imports for consumption:						
Sulfur, ore and other (gross weight).....	28	( <sup>3</sup> )	35	642	741	832
Pyrites (gross weight).....	407	209	480	281	306	282
Exports, sulfur <sup>4</sup> .....	766	1,479	1,636	1,636	1,787	1,596

<sup>1</sup> In addition to forms of recovery cited below, covers sulfur ore and other byproduct sulfur compounds (hydrogen sulfide and liquid sulfur dioxide).

<sup>2</sup> Produced at copper, lead, and zinc plants.

<sup>3</sup> Less than 500 tons.

<sup>4</sup> In addition, an estimated 278,000 long tons was imported from Canada.

<sup>5</sup> Crude, crushed, ground, refined, and flowers.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*, and records.

### No. 1026. SALT—PRODUCTION, BY STATES AND BY KIND, AND EXPORTS AND IMPORTS: 1930 TO 1961

[In thousands of short tons. Production figures represent sales plus quantities used by producers; they include Puerto Rico and, 1955 through 1958, Hawaii. Exports and imports include Alaska, Hawaii, and Puerto Rico. Imports are imports for consumption. See also *Historical Statistics, Colonial Times to 1957*, series M 28 and M 190, for production and value]

YEAR	Production	Exports	Imports	YEAR	Production	Exports	Imports
1930.....	8,054	70	54	1956.....	24,210	336	368
1935.....	7,927	112	51	1957.....	23,854	391	651
1940.....	10,360	147	30	1958.....	21,910	363	611
1945.....	15,394	191	5	1959.....	25,163	424	1,025
1950.....	10,650	193	8	1960.....	25,479	420	1,087
1955.....	22,704	407	186	1961.....	25,707	642	1,050

STATE AND KIND	1940	1945	1950	1955	1958	1959	1960	1961
<b>Production.....</b>	<b>10,360</b>	<b>15,394</b>	<b>16,630</b>	<b>22,704</b>	<b>21,912</b>	<b>25,163</b>	<b>25,479</b>	<b>25,707</b>
By State:								
California.....	469	695	868	1,315	1,297	1,388	1,443	1,601
Kansas.....	684	856	846	911	1,073	1,123	1,213	1,125
Louisiana.....	1,133	1,868	2,279	3,563	3,442	4,807	4,792	4,722
Michigan.....	2,863	4,285	4,447	4,975	4,267	4,485	4,088	3,885
New York.....	2,118	2,862	2,807	3,780	3,896	4,011	4,008	4,149
Ohio.....	2,080	2,765	2,515	2,905	2,443	2,858	3,108	3,405
Texas.....	402	1,101	1,852	3,583	3,843	4,519	4,756	4,695
Utah.....	71	123	117	196	184	209	231	240
West Virginia.....	144	370	368	638	627	811	920	899
Other States.....	395	460	531	839	840	952	920	917
By kind:								
Evaporated (manufactured).....	2,783	3,183	3,329	3,987	3,762	3,980	4,104	4,387
In brine.....	5,312	8,706	9,373	13,424	12,743	15,023	14,011	14,881
Rock salt.....	2,266	3,506	3,927	5,293	5,407	6,160	6,466	6,439
Total value <sup>1</sup> .....	\$1,000	26,475	43,914	59,911	123,389	141,500	155,877	161,214
							161,214	160,223

<sup>1</sup> F.o.b. mine or refinery; excludes cost of cooerage or containers.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

### No. 1027. IRON ORE—SUMMARY: 1930 TO 1961

[In thousands of long tons, except as indicated. Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports. See also *Historical Statistics, Colonial Times to 1957*, series M 195-206]

ITEM	1930	1940	1950	1955	1958	1959	1960	1961
<b>Production.....</b>	<b>58,409</b>	<b>73,696</b>	<b>98,045</b>	<b>103,003</b>	<b>67,709</b>	<b>69,276</b>	<b>88,784</b>	<b>71,329</b>
By district:								
Lake Superior.....	49,383	61,471	79,627	83,255	51,777	43,950	71,792	53,207
Southeastern.....	5,838	7,444	7,508	7,106	3,827	4,350	4,365	3,539
Northeastern.....	2,240	3,560	4,475	4,650	3,412	3,669	4,125	4,048
Western.....	939	1,221	5,861	6,958	5,178	4,356	4,583	4,850
Undistributed and byproduct ore.....	( <sup>2</sup> )	( <sup>2</sup> )	575	1,034	3,515	3,951	3,918	5,683
By type of ore:								
Hematite.....	55,266	68,870	87,156	92,058	50,931	44,236	68,147	50,883
Brown ore.....	720	935	2,615	2,461	3,843	2,381	1,641	1,473
Magnetite.....	2,421	3,891	7,099	6,550	12,183	12,867	18,205	18,205
Undistributed and byproduct ore (pyrites cinder and slater) <sup>4</sup> .....	1	1	575	1,034	752	701	791	676
Number of mines.....	208	230	247	305	238	233	247	266
Shipments.....	55,201	75,198	97,764	106,258	<sup>5</sup> 66,288	<sup>5</sup> 59,164	82,963	72,372
Value.....	\$1,000	145,619	180,087	487,990	756,853	<sup>5</sup> 569,154	<sup>5</sup> 514,067	724,131
Average value per ton at mine.....	\$2.64	\$2.51	\$4.09	\$7.11	\$8.59	\$8.69	\$8.73	\$8.99
Stocks at mines, Dec. 31.....	10,383	3,614	5,726	4,281	7,033	7,358	12,337	10,625
Imports.....	2,775	2,479	8,281	23,472	27,544	35,617	34,578	25,805
Value.....	\$1,000	8,113	6,205	43,968	177,457	231,617	312,447	250,226
Exports.....	752	1,386	2,551	4,517	3,573	2,967	5,273	4,916
Value.....	\$1,000	744	4,625	15,717	36,993	34,898	33,831	57,899
World production (estimate).....	178,600	208,700	247,000	363,421	398,609	431,709	507,089	( <sup>2</sup> )

<sup>1</sup> Texas included with Southeastern district.

<sup>2</sup> Not available.

<sup>3</sup> Includes brown ore from Tenn., Mo., and Texas; also magnetite from Calif., Utah, and Wyoming.

<sup>4</sup> Data for 1930 and 1940 represents carbonate ore.

<sup>5</sup> Excludes byproduct ore.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

# No. 1028. MANGANESE ORE, FERROMANGANESE, AND SPIEGELEISEN—SUMMARY: 1930 TO 1961

[Gross weight in thousands of short tons. Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports. See also *Historical Statistics, Colonial Times to 1957*, series M 211, for mine shipments]

ITEM	1930	1940	1950	1955	1959	1960	1961
Manganese ore (35 percent or more Mn):							
Mine shipments.....	75	45	134	287	229	80	(1)
General imports.....	656	1,450	1,835	2,078	2,398	2,544	2,098
Consumption.....	(2)	(2)	1,650	2,110	1,606	1,946	1,718
World production (estimate).....	3,848	6,238	6,200	11,920	14,281	15,006	15,031
Ferromanganese:							
Domestic production.....	308	515	720	870	629	843	733
Imports for consumption.....	349	12	110	65	90	120	222
Exports.....	47	15	1	2	1	1	1
Consumption.....	(2)	(2)	775	934	755	800	778
Spiegeleisen:							
Domestic production.....	98	114	42	(1)	(1)	(1)	(1)
Imports for consumption.....	15	17	9	-----	-----	-----	-----
Exports.....	(4)	(4)	(4)	-----	(2)	(4)	(2)
Consumption.....	(2)	(2)	76	70	41	38	37

<sup>1</sup> Bureau of Mines not at liberty to publish.

<sup>2</sup> Not available. <sup>3</sup> Manganese content; gross weight not reported.

<sup>4</sup> Exports of spiegeleisen included with those of ferromanganese. <sup>5</sup> Less than 500 short tons.

## No. 1029. CHROMITE—SUMMARY: 1930 TO 1961

[Quantities in thousands of short tons; values in thousands of dollars. Domestic production (shipments) includes Alaska. Imports and exports include Alaska, Hawaii, and Puerto Rico. See also *Historical Statistics, Colonial Times to 1957*, series M 213-214]

ITEM	1930	1940	1950	1955	1958	1959	1960	1961
Total supply.....	366	740	1,304	1,987	1,407	1,648	1,489	1,395
Domestic production (shipments).....	(1)	3	(1)	153	144	2105	2107	282
Value.....	2	29	(3)	6,044	6,187	3,765	3,813	2,939
Imports for consumption.....	366	737	1,304	1,834	1,263	1,554	1,387	1,323
Value.....	3,513	8,755	23,299	38,063	28,206	31,926	24,313	21,444
Consumption by industry.....	(3)	593	980	1,584	1,221	1,837	1,220	1,200
Exports.....	(3)	(3)	2	1	1	11	5	10
World production (estimate).....	600	1,600	2,600	4,020	4,165	4,350	4,930	4,655

<sup>1</sup> Less than 500 short tons. <sup>2</sup> Produced for Federal Government only.

<sup>3</sup> Not available or Bureau of Mines not at liberty to publish.

## No. 1030. TUNGSTEN—SUMMARY: 1930 TO 1961

[Includes Alaska through 1955. See also *Historical Statistics, Colonial Times to 1957*, series M 215-216]

ITEM	1930	1940	1950	1955	1959	1960	1961
Production:							
Concentrates, 60% WO <sub>3</sub> basis.....short tons..	(1)	5,129	4,166	16,636	(2)	7,007	8,693
Tungsten content.....1,000 lb.....	(1)	4,873	3,965	15,833	(2)	6,669	8,188
Shipments from mines:							
Concentrates, 60% WO <sub>3</sub> basis.....short tons..		702	5,319	4,820	3,049	7,325	8,245
Tungsten content.....1,000 lb.....		608	5,062	4,588	3,473	6,972	7,847
Reported value f.o.b. mines.....\$1,000.....		509	6,576	8,171	60,841	4,502	9,515
Average per pound of tungsten.....dollars..		.70	1.30	1.78	3.90	1.30	1.35
Imports (tungsten content):							
General.....1,000 lb.....	(1)	9,666	8,342	20,789	6,245	5,178	2,744
For consumption.....do.....	3,998	5,611	16,147	20,700	5,435	3,525	2,123
Consumption (tungsten content).....do.....	4,642	9,955	6,597	8,967	9,835	11,605	11,128
Stocks (tungsten content) <sup>3</sup> .....1,000 lb.....	(1)	2,897	5,337	4,025	(2)	5,545	5,879
World production (estimate) <sup>4</sup> .....short tons..	\$18,400	48,100	42,300	82,900	57,200	69,400	73,800

<sup>1</sup> Not available.

<sup>2</sup> Withheld to avoid disclosing individual company confidential data.

<sup>3</sup> Producers, consumers, and dealers, end of year.

<sup>4</sup> Concentrates, 60 percent WO<sub>3</sub> basis. <sup>5</sup> Excludes U.S.S.R.

Source of tables 1028-1030: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

## No. 1031. NICKEL—SUMMARY: 1930 TO 1961

[In short tons. Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports. See also *Historical Statistics, Colonial Times to 1957*, series M 221-224]

ITEM	1930	1940	1950	1955	1958	1959	1960	1961
Mine production.....				4,411	13,490	13,374	14,079	13,133
Plant production:								
Primary.....	308	554	913	3,807	11,740	11,006	14,303	11,176
Secondary.....	2,900	4,152	8,795	11,840	7,411	9,438	9,431	10,688
Imports (estimated content) <sup>1</sup> .....	25,300	83,760	91,847	142,000	90,000	112,000	103,000	127,000
Exports (gross weight) <sup>2</sup> .....	2,388	11,994	3,645	20,001	14,032	13,073	54,109	55,493
Price per pound <sup>3</sup> .....cents.	85	85	40-50.5	64.5	74	74	74	81.25
World production (estimate).....	59,800	144,800	130,000	264,000	247,000	314,000	358,000	396,000

<sup>1</sup> Includes metal, ore and matte, oxide powder and oxide sinter, refinery residues (beginning with 1950) and slurry (1958); in addition, through 1940, covers scrap, "bars, rods, tubes, etc.," and nickel-silver.

<sup>2</sup> Through 1950 excludes "Manufactures;" weight not recorded.

<sup>3</sup> Price quoted U.S. buyers by International Nickel Co. Inc., for electrolytic nickel, U.S. duty included; 1930 and 1940, f.o.b. New York; thereafter, f.o.b. Port Colborne, Ontario.

## No. 1032. MOLYBDENUM CONCENTRATES—SUMMARY: 1930 TO 1961

[In thousands of pounds of contained molybdenum. Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports. See also *Historical Statistics, Colonial Times to 1957*, series M 217-218]

ITEM	1930	1940	1950	1955	1958	1959	1960	1961
Production.....	3,723	34,313	28,480	61,781	41,069	50,956	68,237	66,593
Shipments from mines.....	3,759	25,329	44,544	64,709	42,328	51,603	69,941	66,753
Average price per pound <sup>1</sup> .....dollars.	2.73	.75	.91	1.05	1.19	1.26	1.25	1.32
Exports <sup>2</sup> .....	(4)	6,585	6,235	14,580	11,966	18,852	30,244	35,661
Imports for consumption.....	145		3	134	1			
Consumption.....	(4)	(4)	26,028	38,799	31,298	37,448	44,784	42,261
Stocks (industry), Dec. 31 <sup>3</sup> .....	(4)	(4)	4,326	2,730	5,643	4,074	3,481	2,815
World production (estimate).....	4,200	38,300	32,000	75,000	57,700	70,200	89,400	87,900

<sup>1</sup> Per pound of molybdenum contained. Source: *Engineering and Mining Journal*.

<sup>2</sup> July to December only.

<sup>3</sup> Includes roasted concentrates. <sup>4</sup> Not available.

<sup>4</sup> At mines and at plants making molybdenum products.

## No. 1033. GOLD AND SILVER—SUMMARY: 1930 TO 1961

[Includes Alaska. See also *Historical Statistics, Colonial Times to 1957*, series M 246-247, for mine production]

ITEM	1930	1940	1950	1955	1959	1960	1961
Mine production:							
Gold.....1,000 fine ounces.....	2,130	4,870	2,394	1,880	1,603	1,667	1,527
Silver.....do.....	47,725	70,436	42,459	37,198	31,194	30,766	34,794
Value of production:							
Gold.....\$1,000.....	44,211	170,448	83,798	65,805	56,103	58,337	153,436
Silver.....do.....	18,374	50,088	38,425	33,066	28,282	27,845	32,167
Ore (dry and siliceous) produced: <sup>1</sup>							
Gold ore.....1,000 short tons.....		16,550	3,584	2,234	2,289	2,267	2,060
Gold-silver ore.....do.....	7,767	948	433	120	137	847	248
Silver ore.....do.....		1,201	627	370	597	941	585
Net industrial consumption:							
Gold.....\$1,000.....	15,178	13,306	97,848	45,500	88,270	105,000	(3)
Silver.....1,000 fine ounces.....	26,874	44,499	110,000	101,400	101,000	102,000	(3)
Imports:							
Gold.....\$1,000.....	396,054	4,749,467	162,749	104,592	4304,378	4335,032	456,211
Silver.....do.....	42,761	58,434	110,035	72,932	62,744	57,438	45,433
Exports:							
Gold.....do.....	115,967	4,995	534,036	7,257	1,933	1,647	775,061
Silver.....do.....	54,157	3,674	6,202	8,331	9,935	25,789	37,854
Price, average per fine ounce: <sup>2</sup>							
Gold.....dollars.....	20.67	35.00	35.00	35.00	35.00	35.00	35.00
Silver.....do.....	.385	.711	.905+	.905+	.905+	.905+	.924+
World production (estimate):							
Gold.....1,000 fine ounces.....	20,800	42,300	32,700	36,300	42,700	45,000	147,000
Silver.....do.....	248,700	275,400	203,300	224,000	221,200	239,500	1234,000

<sup>1</sup> Preliminary.

<sup>2</sup> Gold and silver are also produced from base-metal ores and placers. In 1960, dry and siliceous ores accounted for 48 percent of gold produced and in 1961, 39 percent of silver.

<sup>3</sup> Not available.

<sup>4</sup> Excludes coinage.

<sup>5</sup> Treasury buying price, except for silver, 1930 and 1961, New York price.

Source of tables 1031-1033: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.



## No. 1034. GOLD AND SILVER—PRODUCTION, BY STATES: 1930 TO 1960

[Based upon arrivals at U.S. mints and assay offices and private refineries]

STATE	GOLD (1,000 fine ounces)						SILVER (1,000 fine ounces)					
	1930	1940	1945	1950	1955	1960	1930	1940	1945	1950	1955	1960
<b>Total</b> .....	2,101	4,863	916	2,289	1,877	1,080	56,627	68,287	29,046	42,309	36,470	36,800
Alaska.....	407	757	60	276	253	173	392	173	9	50	35	27
Arizona.....	149	299	78	111	128	158	4,910	6,130	3,411	5,089	4,600	5,338
California.....	450	1,444	143	410	248	125	1,434	2,225	950	1,000	600	188
Colorado.....	218	369	102	124	87	68	4,852	9,378	2,407	3,343	2,510	2,070
Idaho.....	21	145	19	69	10	7	9,710	17,477	8,228	15,993	14,000	17,814
Illinois.....							2	1	2	7	3	23
Michigan.....							11	90	20	(1)	503	6
Missouri.....							188	145	20	233	350	81
Montana.....	47	273	42	57	26	46	8,697	12,152	5,493	7,178	5,820	3,970
Nevada.....	140	380	91	170	77	66	4,179	5,102	1,156	1,634	834	703
New Mexico.....	32	39	13	7	2	5	1,160	1,576	654	365	183	315
New York.....								36	14	33	49	20
Oregon.....	14	114	1	10	2	1	10	192	12	12	7	(1)
Pennsylvania.....	1	2	2	2	1	1	5	14	11	11	11	8
South Dakota.....	406	587	41	572	527	551	105	171	41	143	153	109
Tennessee.....	1	(1)	(1)	(1)	(1)	(1)	86	39	35	26	61	123
Texas.....	(1)	(1)	(1)	(1)			469	1,295	21	4	(1)	
Utah.....	209	352	271	392	442	314	14,451	11,686	6,244	6,799	6,270	5,132
Vermont.....		(1)	(1)	(1)	(1)		5		20	28	50	
Virginia.....		(1)	(1)					(1)		(1)	2	
Washington.....	4	84	53	89	74	163	30	389	288	358	420	696
Wyoming.....	(1)	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	3	(1)	(1)
Other States.....	1	16			(1)	2	33	15			(1)	178

<sup>1</sup> Less than 500 ounces.Source: Treasury Department, Bureau of the Mint; *Annual Report of the Director*.

## No. 1035. COPPER—MINE PRODUCTION, BY STATES: 1930 TO 1961

[In short tons of recoverable copper]

STATE	1930	1940	1950	1955	1958	1959	1960	1961 (prel.)
<b>Total</b> .....	705,074	878,086	909,343	998,570	979,329	824,846	1,080,169	1,158,844
Alaska.....	16,326	55	0	1	5	36	41	
Arizona.....	288,095	281,169	403,301	454,105	485,839	430,297	538,605	587,600
California.....	13,643	6,438	646	613	749	663	1,087	1,250
Colorado.....	5,257	12,162	3,141	4,323	4,193	2,940	3,247	3,620
Idaho.....	1,856	3,349	2,107	5,018	9,846	8,713	4,208	4,340
Michigan.....	84,691	45,198	25,608	50,066	58,005	55,300	56,385	70,060
Missouri.....	88	685	2,982	1,722	1,429	1,065	1,087	500
Montana.....	98,094	126,391	54,478	81,542	90,683	65,911	91,972	103,840
Nevada.....	54,602	78,454	52,569	78,925	66,137	57,375	77,485	76,860
New Mexico.....	32,575	69,848	66,300	66,417	55,540	39,688	67,288	78,340
Pennsylvania.....		(1)	4,142	4,110	2 8,073	2 6,604	2 7,907	2 8,721
Tennessee.....	(3)	112,732	6,851	9,911	9,109	11,490	12,723	12,240
Utah.....	90,263	231,864	278,630	232,949	189,184	144,715	218,049	211,110
Vermont.....			3,504	4,305	476			
Washington.....	603	9,612	5,057	3,968	52	49	78	52
Other States.....	19,282	139	21	5	10		7	2

<sup>1</sup> North Carolina and Pennsylvania included in Tennessee.<sup>2</sup> Includes North Carolina.<sup>3</sup> Included in "Other States."Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

## No. 1036. COPPER—SUMMARY: 1950 TO 1961

[In thousands of short tons, except as indicated. Production figures include Alaska; imports and exports include Alaska, Hawaii, and Puerto Rico. See also *Historical Statistics, Colonial Times to 1957*, series M 225-231]

ITEM	1950-1954 (avg.)	1955	1958	1959	1960	1961 (prel.)
New (primary) copper produced—						
From domestic ores, as reported by—						
Mines.....	905	909	979	825	1,080	1,159
Copper ore produced <sup>1</sup> .....	96,949	112,550	114,824	103,716	134,994	( <sup>2</sup> )
Average yield of copper, percent.....	0.86	0.83	0.79	0.74	0.73	( <sup>2</sup> )
Smelters.....	909	1,007	993	799	1,143	1,162
Percent of world total.....	0.29	0.28	0.25	0.19	0.23	( <sup>2</sup> )
Refineries.....	914	997	1,002	796	1,121	1,181
From foreign ores, matte, etc., refinery reports.....	312	345	351	302	398	309
Total new refined, domestic and foreign.....	1,226	1,342	1,353	1,098	1,519	1,550
Secondary copper produced.....	922	980	797	931	871	800
Recovered from old scrap only.....	439	515	411	471	429	428
Imports (unmanufactured) <sup>3</sup> .....	614	594	496	571	524	459
Refined.....	278	202	128	214	143	67
Exports of metallic copper <sup>4</sup> .....	211	260	428	196	512	494
Refined (ingots and bars).....	156	200	385	159	434	432
Stocks at end of year (producers).....	234	235	305	271	359	285
Refined copper.....	32	34	48	18	98	49
Blister and materials in solution.....	202	201	257	253	261	230
Withdrawals (apparent) from total supply on domestic account:						
Total new copper.....	1,350	1,336	1,157	1,183	1,148	1,234
Total new and old copper (old scrap only).....	1,705	1,851	1,568	1,654	1,577	1,662
Price average <sup>5</sup> .....cents per pound..	25.5	37.3	26.3	30.7	32.1	30.0
World smelter production, new copper.....	3,140	3,630	3,950	4,190	4,950	( <sup>2</sup> )

<sup>1</sup> Includes old tailings smelted or re-treated. Not comparable with mine production figures, which include recoverable copper content of ores not classified as "copper." <sup>2</sup> Not available.

<sup>3</sup> Data are for "general imports," i.e., include copper imported for immediate consumption plus material entering country under bond. Comprises copper in ingots, plates, and bars, ores and concentrates, regulus, blister, and scrap.

<sup>4</sup> Total exports of copper, exclusive of ore, concentrates, composition metal, and unrefined copper. Exclusive also of "Other copper manufactures," for which quantity figures are not recorded before 1953. Beginning 1955, data not strictly comparable with earlier years due to changes in classification.

<sup>5</sup> Beginning 1955, exclusive of copper produced abroad and delivered in the United States.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

## No. 1037. COPPER—EXPORTS AND IMPORTS: 1931 TO 1961

[Quantities in short tons; values in thousands of dollars. Includes trade of Alaska, Hawaii, and Puerto Rico with foreign countries. Exports are those classed as "domestic" in foreign trade statistics but include copper smelted or refined in United States from imported ore or unrefined metal. Prior to 1952, values include all forms of copper; quantities represent all copper except some "Other copper manufactures" for which quantity data were not reported. For 1952 and subsequent years, export data exclude certain copper manufactures not reported separately]

YEARLY AVERAGE OR YEAR	EXPORTS <sup>1</sup>		IMPORTS <sup>2</sup>		YEAR	EXPORTS <sup>1</sup>		IMPORTS <sup>2</sup>	
	Quan- tity	Value	Quan- tity	Value		Quan- tity	Value	Quan- tity	Value
1931-1935.....	246,668	39,920	211,116	29,662	1952.....	195,968	134,035	637,140	411,188
1936-1940.....	378,054	87,680	242,530	47,608	1953.....	156,182	95,510	670,484	433,017
1941-1945.....	208,423	79,333	780,000	164,752	1954.....	300,709	176,044	803,271	362,670
1946-1950.....	169,940	80,734	494,413	180,459	1955.....	253,098	190,634	587,538	455,041
1951-1955.....	211,681	136,460	607,547	388,283	1956.....	276,044	237,420	562,426	501,644
1956-1960.....	364,712	228,335	513,486	366,054	1957.....	425,304	264,213	590,067	383,387
1948.....	209,494	113,563	489,567	203,042	1958.....	427,311	214,441	436,466	246,314
1949.....	171,303	75,760	508,835	224,232	1959.....	181,483	107,068	409,834	297,616
1950.....	174,274	73,262	605,831	242,810	1960.....	513,418	318,534	568,037	401,308
1951.....	152,476	86,077	539,303	279,498	1961.....	482,650	281,525	430,478	278,560

<sup>1</sup> Includes shipments under foreign aid programs such as UNRRA, interim aid, European recovery, and mutual security; civilian supply shipments are included in 1948 and subsequent years.

<sup>2</sup> General imports prior to 1936; imports for consumption thereafter.

Source: Department of Commerce, Bureau of the Census; prior to 1947, *Foreign Commerce and Navigation of the United States*; thereafter, *Quarterly Summary of Foreign Commerce of the United States*, and records.

## No. 1038. LEAD—SUMMARY: 1930 to 1961

[In short tons. Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports. See also *Historical Statistics, Colonial Times to 1957*, series M 232-238]

ITEM	1930	1940	1950	1955	1958	1959	1960	1961
Smelter production of refined primary lead.....	643,033	533,179	508,314	479,157	470,156	340,931	382,436	449,505
From domestic ores and base bullion <sup>1</sup> .....	573,740	433,065	413,809	321,132	209,082	225,270	228,899	288,078
From foreign ores and base bullion.....	69,293	100,114	89,505	158,025	201,074	115,661	153,537	161,487
Recovery of secondary lead.....	255,800	260,346	482,275	502,051	401,787	451,387	400,903	452,792
Imports: <sup>2</sup>								
Lead in pigs, bars, and old.....	209	151,568	461,827	284,729	375,022	271,695	213,671	261,794
Lead in base bullion.....	38,630	19,624	3,488		460	80	293	422
Lead in ores and matte.....	39,377	111,300	76,820	177,479	201,509	138,834	145,692	147,186
Exports of refined pig lead <sup>3</sup> .....	48,307	23,755	2,735	403	1,359	2,756	1,067	2,133
Estimated consumption of primary and secondary lead.....	5768,600	5782,000	1,237,981	1,212,644	986,387	1,001,149	1,021,172	1,027,216
Prices (cents per pound):								
New York average.....	5.52	5.18	13.30	15.14	12.11	12.21	11.95	10.87
London average.....	3.92	(9)	13.29	12.19	9.13	8.88	9.04	8.03
Mine production of recoverable lead <sup>4</sup> .....	558,313	457,392	430,827	338,025	267,377	255,586	246,669	261,921
World smelter production (estimate).....	1,869,000	1,936,000	1,850,000	2,250,000	2,500,000	2,410,000	2,550,000	2,660,000

<sup>1</sup> Excludes lead content of antimonial lead.

<sup>2</sup> Data are "general imports," i.e., include lead imported for immediate consumption plus material entering country under bond.

<sup>3</sup> Pigs, bars and anodes.

<sup>4</sup> Represents pigs, bars, and old.

<sup>5</sup> Source: American Bureau of Metal Statistics.

<sup>6</sup> Official maximum price fixed by British Ministry of Supply at £25 per long ton. London Metal Exchange dealings suspended for duration of war.

<sup>7</sup> Includes Alaska.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

## No. 1039. LEAD, RECOVERABLE—MINE PRODUCTION, BY STATES: 1930 to 1961

[In short tons]

STATE	1930	1940	1950	1955	1958	1959	1960	1961
<b>Total</b> .....	558,313	457,392	430,827	338,025	267,377	255,586	246,669	261,921
<b>Western States</b> .....	312,413	244,974	257,803	182,461	142,824	142,326	124,930	151,011
Alaska.....	1,365	779	149	1	2		23	24
Nevada.....	4,246	13,266	26,383	9,817	11,890	9,999	8,495	5,937
California.....	1,780	1,772	15,831	8,265	140	227	440	103
Colorado.....	22,130	11,476	27,007	15,805	14,112	12,007	18,080	17,755
Idaho.....	134,058	104,834	100,025	64,163	53,603	62,395	42,907	71,476
Montana.....	10,653	23,036	19,617	17,028	8,434	7,672	4,879	2,643
Nevada.....	11,529	7,499	9,408	3,291	4,150	1,357	987	1,791
New Mexico.....	10,378	3,822	4,160	3,296	1,117	829	1,096	2,332
Utah.....	115,495	75,688	44,753	50,452	40,355	36,630	39,398	40,894
Washington.....	576	2,555	10,334	10,340	9,021	10,310	7,725	8,056
Other.....	203	247	146	3				
<b>Central States</b> .....	237,533	207,587	168,173	151,528	121,040	110,009	118,388	105,980
Illinois.....	248	1,508	2,729	4,544	1,610	2,570	3,000	3,430
Kansas.....	12,010	11,927	9,487	5,498	1,299		781	1,449
Missouri.....	190,632	172,052	134,626	125,412	113,123	105,165	111,948	98,785
Oklahoma.....	23,052	21,240	20,724	14,126	3,692	601	936	980
Other.....	1,691	860	607	1,948	1,316	1,192	1,723	1,336
<b>Eastern States</b> .....	8,367	4,831	4,851	4,036	3,513	3,251	3,351	4,930
New York.....		1,973	1,484	1,037	579	481	775	879
Tennessee.....	8,367	573	113					
Virginia.....		2,285	3,264	2,990	2,934	2,770	2,576	2,4051

<sup>1</sup> Oregon included with Washington to avoid disclosure of individual operations.

<sup>2</sup> Includes North Carolina, 2 tons in 1955, 424 in 1960, and 318 in 1961.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

## No. 1040. ZINC—PRODUCTION AND PRICES: 1930 TO 1961

[Excludes Alaska and Hawaii, except as noted. See also *Historical Statistics, Colonial Times to 1957*, series M 239-240, for production]

ITEM	1930	1940	1950	1955	1958	1959	1960	1961 (prel.)
<b>Smelter production of primary slab zinc</b>								
Value..... short tons..... \$1,000.....	498,045	675,275	843,467	963,504	781,216	798,666	803,720	843,688
Source:	47,812	85,085	240,051	236,829	159,687	183,214	206,717	194,051
From domestic ores..... short tons.....	480,361	589,988	588,291	582,913	346,240	348,443	336,875	( <sup>1</sup> )
From foreign ores..... do.....	8,084	85,287	255,176	380,591	435,006	450,223	466,845	( <sup>1</sup> )
Method:								
Electrolytic..... percent of total.....	26	28	41	40	42	35	40	38
Distilled..... do.....	74	72	59	60	58	65	60	62
Production of redistilled secondary slab zinc..... short tons.....	34,849	48,917	60,970	66,442	46,005	57,818	68,731	53,223
Average price of common zinc at:								
East St. Louis..... cents per pound.....	4.56	6.34	13.88	12.30	10.31	11.46	12.95	11.55
London..... do.....	3.60	( <sup>1</sup> )	14.89	11.30	8.24	10.27	11.05	9.78
<b>Mine production of recoverable zinc</b>								
..... short tons.....	595,425	665,068	623,375	514,671	412,005	425,303	435,427	466,576
Arizona.....	815	15,456	60,480	22,684	28,532	37,325	35,811	29,200
California.....		79	7,551	6,836	51	78	465	290
Colorado.....	36,269	5,060	45,776	35,350	37,132	35,388	31,278	42,850
Idaho.....	37,649	70,601	87,890	53,314	49,725	55,099	30,801	56,640
Illinois.....	9	4,818	26,982	21,700	24,940	26,815	29,550	26,378
Kansas.....	74,304	57,032	27,176	27,611	4,421	1,017	2,117	3,200
Missouri.....	10,811	12,703	8,189	4,476	362	92	2,821	5,700
Montana.....	26,421	52,587	67,678	68,588	33,238	27,848	12,551	11,110
Nevada.....	14,584	11,833	21,606	2,670	91	217	420	430
New Jersey.....	97,626	91,406	55,028	11,643	607			
New Mexico.....	32,765	30,313	29,263	15,277	9,034	4,636	13,770	23,200
New York.....	22,471	35,686	38,321	53,016	53,014	43,404	66,394	55,478
Oklahoma.....	136,153	162,935	46,739	41,543	5,207	1,049	2,332	1,000
Pennsylvania.....					10,812	16,718	13,746	23,229
Tennessee.....	48,147	34,796	35,326	40,216	69,130	89,932	91,394	82,139
Utah.....	44,495	43,788	31,678	43,556	44,982	35,223	35,476	37,360
Virginia.....	( <sup>1</sup> )	16,927	12,396	18,329	18,472	20,334	19,885	29,730
Washington.....	552	11,560	14,807	29,536	18,797	17,111	21,317	22,597
Wisconsin.....	12,558	5,770	5,722	18,326	12,140	11,635	18,410	15,155
Other States.....	6	1,718	766		1,258	722	919	920
World smelter production (estimate) 1,000 short tons.....	1,536	1,786	2,170	2,930	2,090	3,090	3,220	( <sup>1</sup> )

<sup>1</sup> Not available.

<sup>2</sup> Includes small quantity of secondary electrolytic zinc.

<sup>3</sup> Average price for foreign zinc, based on average rates of exchange recorded by Federal Reserve Board.

<sup>4</sup> Virginia included with Tennessee. <sup>5</sup> Includes Alaska.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

## No. 1041. TIN—SUMMARY: 1930 TO 1961

[In long tons. Production figures for domestic mines include Alaska; imports and exports include Alaska, Hawaii, and Puerto Rico]

ITEM	1930	1940	1945	1950	1955	1960	1961 (prel.)
<b>Production:</b>							
Domestic mines.....	15	49		94	99	10	( <sup>1</sup> )
Domestic smelters.....		1,391	40,475	33,118	22,329	( <sup>1</sup> )	( <sup>1</sup> )
Secondary sources.....	23,303	29,700	31,400	31,080	28,340	22,050	22,170
<b>Imports for consumption:</b>							
Metal.....	80,734	124,810	8,493	82,838	64,815	39,488	39,897
Ore (tin content).....	289	3,000	33,479	25,900	20,112	14,026	8,917
<b>Exports (domestic and foreign).....</b>	<b>2,233</b>	<b>3,264</b>	<b>852</b>	<b>799</b>	<b>1,107</b>	<b>857</b>	<b>800</b>
Monthly price of Straits tin at New York, average cents per pound.....	31.70	49.82	52.00	95.56	94.73	101.40	113.27
Consumption.....	78,601	97,154	83,583	104,464	90,483	80,560	78,260
World mine production (estimate).....	176,000	238,300	87,000	169,300	197,200	179,700	182,020

<sup>1</sup> Withheld to avoid disclosure of individual company data.

<sup>2</sup> Includes tin content of ores used to make alloys.

<sup>3</sup> Foreign only, domestic not separately recorded.

<sup>4</sup> Source: American Metal Market. <sup>5</sup> Ceiling price.

<sup>6</sup> Apparent consumption, primary only. <sup>7</sup> Includes plant losses.

<sup>8</sup> Prior to 1955, excludes production of U.S.S.R.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

## No. 1042. BAUXITE—SUMMARY: 1930 TO 1961

[Quantities in thousands of long tons; values in thousands of dollars. Beginning 1960, includes Alaska and Hawaii; imports and exports include Alaska, Hawaii, and Puerto Rico for all years. See also *Historical Statistics, Colonial Times to 1957*, series M 249, for production]

ITEM	1930	1940	1950	1955	1958	1959	1960	1961
Production:								
Crude ore.....		510	1,585	2,139	1,584	2,029	2,409	1,479
Dried-bauxite equivalent.....		439	1,335	1,788	1,811	1,700	1,988	1,228
Value.....		1,754	7,693	14,543	12,815	17,725	21,107	13,937
Shipments: <sup>1</sup>								
Gross weight <sup>2</sup> .....			1,452	2,012	1,649	1,890	1,925	1,284
Dried-bauxite equivalent.....			1,337	1,727	1,406	1,641	1,654	1,123
Value.....			9,549	15,559	15,003	18,638	19,559	13,718
Imports (crude and dried), quantity <sup>2</sup> .....	410	630	2,516	4,882	7,915	8,149	8,730	9,206
Value.....	1,996	4,299	15,730	30,656	70,107	73,549	78,024	88,821
Exports, quantity <sup>2</sup> .....	105	82	45	14	12	17	20	151
Value.....	3,777	1,543	1,166	528	968	1,825	2,588	12,189
World production (estimate).....	1,603	4,321	8,050	17,500	21,030	22,660	26,930	29,040

<sup>1</sup> Shipments from mines and processing plants to consumers. <sup>2</sup> As shipped.

<sup>3</sup> Beginning 1955, import figures adjusted to dry equivalent for Jamaican, Haitian, and Dominican Republic bauxite. Other imports on "as shipped" basis.

## No. 1043. ALUMINUM—SUMMARY: 1930 TO 1961

[Quantities in short tons; values in thousands of dollars. Beginning 1960, includes Alaska and Hawaii; imports and exports include Alaska, Hawaii, and Puerto Rico for all years. See also *Historical Statistics, Colonial Times to 1957*, series M 251-255]

ITEM	1930	1940	1950	1955	1958	1959	1960	1961
Total production.....	153,119	286,642	962,288	1,901,715	1,855,112	2,314,030	2,343,948	2,244,179
Value.....	68,138	104,624	316,046	830,890	916,709	1,131,122	1,201,321	1,123,497
Primary aluminum:								
Production.....	114,519	206,280	718,622	1,565,721	1,565,557	1,954,112	2,014,498	1,903,711
Value.....	50,961	75,292	235,977	684,038	773,610	955,190	1,030,007	949,708
Price per pound (cents) <sup>1</sup> .....	23.8	18.7	17.7	23.7	26.9	26.9	26.0	25.5
Secondary aluminum:								
Production (recovered) <sup>2</sup> .....	38,600	80,362	243,666	335,994	289,555	359,927	329,450	340,408
From old scrap.....		45,806	76,358	76,372	64,127	78,006	62,703	102,295
From new scrap.....	38,600	34,556	167,308	259,622	225,428	281,921	266,747	238,173
Value <sup>3</sup> .....	17,177	20,332	80,060	146,762	143,099	175,932	171,314	173,639
Imports, quantity <sup>4</sup> .....	12,731	18,084	255,692	239,475	293,190	301,523	196,425	254,535
Value <sup>4</sup> .....	4,690	4,737	67,533	105,061	140,450	149,427	103,278	125,087
Exports, quantity <sup>4</sup> .....	8,665	27,841	23,236	33,834	32,470	163,820	383,929	238,131
Value <sup>4</sup> .....	3,916	17,919	13,345	19,692	43,138	76,977	174,414	112,591
Total apparent consumption.....	108,601	305,870	1,200,493	2,111,224	2,092,152	2,488,315	2,015,644	2,320,639
World production (estimate).....	297,000	868,000	1,640,000	3,400,000	3,865,000	4,480,000	4,985,000	5,195,000

<sup>1</sup> As quoted. 99+ percent virgin ingot. The use of the term "pig" was discontinued in August 1960. The former pig price is now applied to ingot. Source: *American Metal Market*.

<sup>2</sup> Through 1950, recoverable aluminum-alloy content; thereafter, recoverable aluminum content.

<sup>3</sup> Based upon average price of primary aluminum as reported to Bureau of Mines, or as quoted by the *Engineering and Mining Journal* and the *American Metal Market*.

<sup>4</sup> Crude and semi-crude (including metal and alloys, plates, bars, etc., and scrap).

<sup>5</sup> Beginning 1955, not comparable with earlier years.

## No. 1044. MAGNESIUM—SUMMARY: 1930 TO 1961

[In short tons. Beginning 1960, includes Alaska and Hawaii; imports and exports include Alaska, Hawaii, and Puerto Rico for all years. See also *Historical Statistics, Colonial Times to 1957*, series M 256-258, for production]

ITEM	1930	1940	1950	1955	1958	1959	1960	1961
Production:								
Primary magnesium, ingot equivalent.....	587	6,261	15,726	61,135	30,996	31,033	40,070	40,745
Secondary magnesium, ingot equivalent.....		( <sup>1</sup> )	9,476	10,246	8,707	10,090	10,348	8,039
Average price per pound, primary (quoted) cents.....	48.0	27.0	22.0	29.5	35.25	35.25	35.25	35.25
Exports: <sup>2</sup>								
Metal and alloys in crude form and scrap.....	( <sup>1</sup> )	859	586	8,230	207	1,601	4,467	6,160
Semifabricated forms, powder, etc.....	( <sup>1</sup> )	( <sup>1</sup> )	322	3,250	845	788	665	521
Imports, metallic and scrap.....	3		843	1,844	537	593	401	1,005
Domestic consumption.....	( <sup>1</sup> )	4,576	18,051	46,463	35,352	41,551	37,100	45,533
World primary production (estimate).....	( <sup>1</sup> )	42,000	50,000	132,000	78,500	82,500	102,600	5,400

<sup>1</sup> Not available.

<sup>2</sup> Beginning 1958, some material formerly included with metals and alloys in crude form and scrap included with semifabricated forms, etc.

<sup>3</sup> Not strictly comparable with earlier years.

<sup>4</sup> Primary and secondary. Other years primary only.

Source of tables 1042-1044: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

FIG. XL. VALUE OF NEW CONSTRUCTION: 1959 TO 1961

(See table 1045)

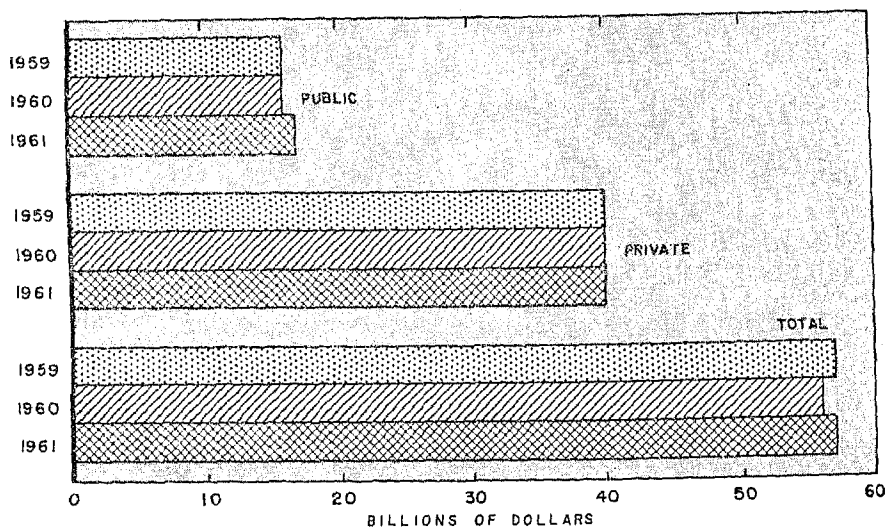
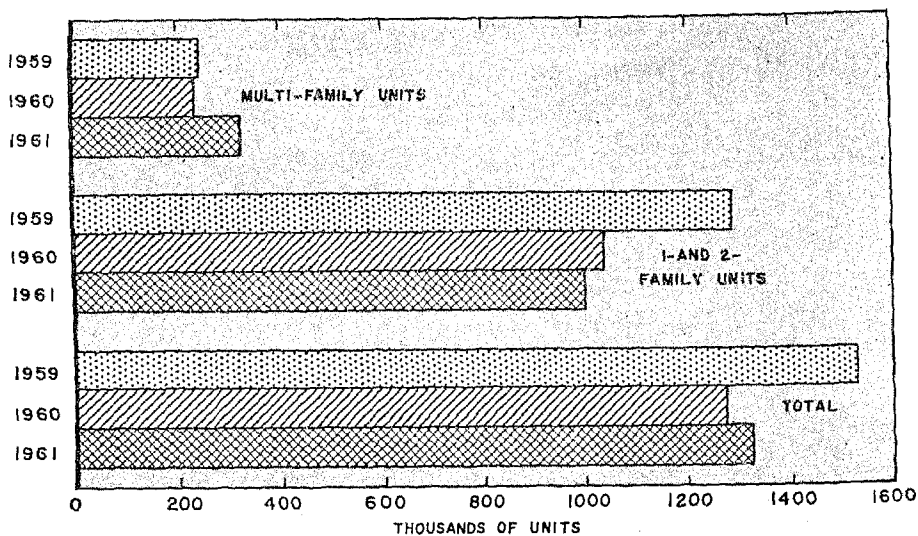


FIG. XII. NEW NONFARM HOUSING UNITS STARTED: 1959 TO 1961

(See table 1003)



Source of figs. XL and XII: Department of Commerce, Bureau of the Census.

## Section 28

### Construction and Housing

This section presents various measures of construction activity and costs; housing units; housing values, facilities, and structural characteristics; and residential financing.

The principal sources of these data are the monthly *Construction Reports* series, *Housing Starts and Construction Activity—Value of New Construction Put in Place*, reports of the decennial Census of Housing (most recent, 1960), and the *1956 National Housing Inventory*, published by the Bureau of the Census; and the monthly *Construction Review*, published by the Business and Defense Services Administration, and containing data compiled by the Bureau of the Census on value of construction contract awards, value of construction put in place, cost and seasonal indexes, housing starts, vacancy rates, building permits, and production, shipment, and inventories of construction materials, as well as data assembled from other sources on construction materials and prices, wage rates, and employment. Other sources, which specialize in particular types of construction or housing statistics, include the monthly *Dodge Construction Statistics Services* of F. W. Dodge Corp., which presents State data on construction contracts; the *Engineering News-Record*, issued weekly by the McGraw-Hill Publishing Co., Inc., which contains figures on contract awards and construction costs; the *Annual Report* of the Housing and Home Finance Agency, which offers public housing statistics from its Public Housing Administration and other agencies; and the *Annual Report* of the Federal Home Loan Bank Board, which presents home mortgage data. Monthly data on characteristics of vacant housing units are collected by the Bureau of the Census and presented quarterly in its *Current Housing Reports*.

**Construction.**—Monthly estimates of the value of construction put in place are prepared by the Bureau of the Census and published in *Construction Activity—Value of New Construction Put in Place*. Construction estimates for buildings such as stores, warehouses, and factories are based on F. W. Dodge Corporation reports of construction contracts, supplemented by building permit data. Public utility construction estimates are derived from data compiled by the Interstate Commerce Commission and other Federal regulatory agencies, and by private associations and organizations such as the American Gas Association, the American Transit Association, the Edison Electric Institute, and the American Telephone and Telegraph Company.

Statistics for most types of State and local governmental construction are derived from data compiled by the F. W. Dodge Corporation, supplemented by reports issued by numerous construction news services such as the *Engineering News-Record* and from official reports issued by State and local government agencies. Estimates of Federally financed construction, Federally aided construction programs, and State and local highway construction are derived by the Bureau of the Census from reports of the responsible Federal agencies. Estimates of private residential construction activity, including number of housing units started, type of structure, and average construction costs, are based primarily upon reports compiled by the Bureau of the Census of building permits issued, supplemented by field surveys on a sample basis to measure the relationship between permit-issuance and start of construction and to obtain estimates of housing starts in nonpermit areas.

**Housing.**—The first Census of Housing was taken in 1940, although some housing data were collected by the Bureau of the Census in earlier years in conjunction with Censuses of Population and Agriculture. Housing data were collected in sample surveys by the Bureau of the Census in October 1944, November 1945, April 1947, and May 1948 as part of the Current Population Survey (see p. 1 for discussion of Survey). A second Census of Housing was taken in 1950. In 1955, a monthly vacancy survey was begun, results of which are issued on a quarterly basis. In 1956 a National Housing Inventory, conducted on a sample basis by the Bureau of the Census, provided measurements of the housing supply for the country as a whole, and for selected large metropolitan areas and information on components of change (gains and losses) during the 1950-56 period in terms of new construction, conversion, demolition, merger, and other additions and losses. The most recent Census of Housing was taken as of April 1, 1960. It included a components of change survey as of December 1959, covering the whole decade 1950-60 as well as the period 1957-60.

**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) a kitchen or cooking equipment for the exclusive use of the occupants. Transient accommodations (tourist courts, hotels, etc.), barracks for workers (railroad, construction, etc.), and institutional-type quarters are not included in the housing-unit inventory.

In the 1950 Census, the unit of enumeration was the dwelling unit. Although the definition of housing unit in 1960 is essentially similar to that of dwelling unit in 1950, the housing unit definition was designed to encompass all private living quarters, whereas the dwelling unit definition did not cover all private living accommodations. The main difference was in the treatment of 1-room quarters. Nevertheless, the change in definition between 1950 and 1960 had relatively little effect on comparability of the data at national and State levels.

**Residential financing.**—As early as 1890, the Bureau of the Census (then Census Division of the Department of Interior) collected detailed statistics on residential mortgages. As part of the 1920 and 1940 Censuses, mortgage questions were asked of owners who occupied their own homes. In 1950, the census included a separate survey on residential financing, mainly conducted by mail after the basic population and housing enumeration had been completed. The survey covered nonfarm residential mortgaged properties, both owner and renter. As a part of the 1956 National Housing Inventory, data were collected on the financing of owner-occupied nonfarm properties. In 1960, the Residential Finance Survey program of the Census of Housing covered financing of both homeowner and rental properties and characteristics of nonmortgaged as well as mortgaged properties.

Data on home mortgages and foreclosures, based largely on reports from major holders, are provided by the Federal Home Loan Bank Board. The Federal Housing Administration compiles, from its records, data on its real estate financial operations, such as volume of mortgages insured, type of lending institution, etc. The Veterans' Administration also compiles, from its records, data on amounts and types of loans.

**Urban, rural, and farm-nonfarm residence.**—See section 1, "Population," for 1960 definitions of urban, rural, and farm-nonfarm residence.

**Alaska and Hawaii.**—For a general statement concerning the treatment of data for Alaska and Hawaii, see preface.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics, Colonial Times to 1957*, series N 1-28") provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.



# No. 1045. VALUE OF PRIVATE AND PUBLIC CONSTRUCTION: 1929 TO 1961

**In millions of dollars.** New series includes Alaska and Hawaii. New series differs from old in that it reflects differences due to the new series for housing starts (see headnote, table 1063), and the new series of private residential additions and alterations (based on a new quarterly survey by the Bureau of the Census), and in that it incorporates a revision of the farm construction estimates of the Department of Agriculture. Represents value of construction put in place during year; differs from building permit and construction contract data in timing and coverage. Includes installed value of equipment which is integral part of structure but not that of machinery, shipbuilding, or land costs. For old series, see also *Historical Statistics, Colonial Times to 1957*, series N 1-23.

TYPE OF CONSTRUCTION	OLD SERIES										NEW SERIES			
	1929	1930	1933	1935	1940	1945	1950	1955	1957	1958	1959	1960	1961	
Total	14,994	12,615	5,357	7,377	12,801	11,905	42,031	60,907	65,765	66,796	73,284	75,112	(1)	
New construction	10,793	8,741	2,879	4,232	8,682	5,809	29,947	44,164	47,845	48,950	54,109	56,555	57,399	
Private	8,307	5,883	1,281	1,999	5,054	3,411	23,081	32,440	33,766	33,493	38,002	39,003	40,365	
Residential (nonfarm)	3,625	2,075	470	1,010	2,985	1,276	14,100	18,705	17,019	18,047	22,331	24,962	24,464	
Nonresidential buildings <sup>2</sup>	2,604	2,008	406	1,472	1,025	1,020	3,904	7,611	9,556	8,675	8,824	8,859	10,754	
Industrial	649	592	176	158	1,442	642	1,062	2,399	3,587	2,982	2,098	2,106	2,759	
Office buildings and warehouses	144	135	44	75	91	56	529	1,311	1,593	2,013	1,946	1,954	2,121	
Stores, restaurants, and garages	516	297	86	136	257	147	886	1,307	1,671	1,576	1,968	2,059	2,313	
Other nonresidential buildings	616	578	100	103	235	175	1,427	1,994	2,435	2,704	2,812	2,823	3,352	
Farm construction	307	173	49	126	240	267	1,635	1,600	1,578	1,465	1,651	1,308	1,473	
Residential	147	107	29	61	145	100	763	750	788	699	772	425	441	
Service buildings	160	86	20	65	95	167	872	850	840	796	879	883	934	
Public utilities	1,578	1,527	261	363	771	827	3,330	4,353	5,414	5,087	4,990	5,008	5,389	
Railroad	510	521	94	116	167	264	315	374	406	258	251	251	222	
Electric light and power <sup>3</sup>	350	377	59	87	311	245	1,268	1,747	2,100	2,250	2,072	2,080	2,058	
Manufactured and natural gas	185	151	35	48	91	141	1,102	1,247	1,650	1,500	1,600	1,767	2,008	
Telephone and telegraph	354	333	45	52	122	117	440	805	1,068	904	947	951	976	
Other public utilities <sup>4</sup>	179	115	28	60	80	60	205	170	190	175	120	120	125	
All other private	103	85	45	28	33	21	112	161	199	189	206	207	230	
Public	2,456	2,858	1,648	2,233	3,628	2,398	6,866	11,724	14,079	15,457	16,107	16,211	17,034	
Residential	1,578	1,527	261	263	771	827	3,330	4,353	5,414	5,087	4,990	5,008	5,389	
Nonresidential buildings	650	660	290	328	1,615	937	3,537	4,196	4,507	4,653	4,499	4,514	5,132	
Industrial	389	364	92	153	156	59	1,133	2,442	2,825	2,875	2,646	2,656	3,051	
Educational	101	118	49	38	54	83	331	300	354	390	427	428	400	
Hospital and institutional	169	178	127	135	241	38	531	733	855	980	1,058	1,062	1,107	
Other nonresidential buildings	19	29	36	37	385	690	1,177	1,297	1,287	1,402	1,441	1,458	1,368	
Military facilities	1,266	1,516	827	845	1,302	398	2,134	3,861	4,954	5,545	5,842	5,870	5,818	
Highways	253	243	35	175	338	97	659	1,701	1,971	1,387	1,462	1,467	1,457	
Sewer and water systems	115	137	369	700	528	130	942	1,701	1,971	1,387	1,462	1,467	1,457	
Conservation and development	174	173	81	139	290	66	222	328	510	605	777	780	887	
All other public	4,201	3,874	2,478	3,145	6,419	6,096	12,084	15,843	17,920	17,846	19,175	19,232	19,556	
Maintenance and repair													(1)	

<sup>1</sup> Not available.

<sup>2</sup> Excludes building by privately owned public utilities.

<sup>3</sup> Public industrial and commercial building not segregable from private construction; amount believed negligible.

<sup>4</sup> Includes construction with R.R. funds.

<sup>5</sup> Local transit and petroleum pipelines.

<sup>6</sup> Includes work-relief construction.

Sources: 1929-1957, Department of Labor, Bureau of Labor Statistics and Department of Commerce, Business and Defense Services Administration; *Construction Volume and Cost, 1915-1956*, a statistical supplement to *Construction Review* (a joint publication) and *Value of New Construction Put in Place, 1915-1958* (revised June 1959); beginning 1958, Department of Commerce, Bureau of the Census; *Construction Reports*, Series C 30.

# No. 1046. VALUE OF NEW PRIVATE AND PUBLIC CONSTRUCTION IN 1947-49 PRICES, AND INDEX OF PHYSICAL VOLUME: 1929 TO 1961

[In millions of dollars. New series includes Alaska and Hawaii. For difference between old and new series, see headline, table 1045. For description and computation of the various indexes used in the derivation of constant values, see source. For old series, see also *Historical Statistics, Colonial Times to 1957*, series N 29-54.]

TYPE OF CONSTRUCTION	OLD SERIES										NEW SERIES				
	1929	1930	1933	1935	1940	1945	1950	1955	1957	1958	1959	1960	1961		
New construction.....	20,853	17,440	6,631	9,081	16,767	8,031	27,972	35,385	35,063	35,477	38,393	40,155	38,744	39,652	
Index of physical volume (1947-49=100) 1.....	96	81	51	42	78	40	139	162	162	164	178	178	171	175	
Private.....	16,413	12,047	3,223	4,841	10,124	5,084	21,306	25,661	24,475	23,981	26,541	28,223	27,163	27,366	
Residential (nonfarm).....	7,250	4,201	1,237	2,290	5,073	1,973	13,019	15,078	12,903	13,555	16,238	16,137	16,046	16,046	
Nonresidential buildings 2.....	3,564	4,473	1,306	2,290	2,913	1,630	3,692	6,007	6,805	6,046	5,966	5,990	6,755	6,983	
Industrial.....	2,081	1,307	510	1,306	918	1,990	1,004	1,941	1,805	1,679	1,451	1,457	1,965	1,889	
Office buildings and warehouses.....	1,140	1,307	510	1,306	918	1,990	1,004	1,941	1,805	1,679	1,451	1,457	1,965	1,889	
Stores, restaurants, and garages.....	1,117	1,074	270	304	568	86	622	1,054	1,189	1,417	1,326	1,331	1,409	1,513	
Other nonresidential buildings.....	1,330	1,337	313	299	530	252	828	1,472	1,886	1,085	1,312	1,317	1,333	1,417	
Farm construction.....	622	409	139	314	574	378	1,353	1,345	1,248	1,173	1,257	989	964	1,073	
Residential.....	306	232	85	158	355	144	741	643	600	565	603	332	340	416	
Service buildings.....	316	177	54	156	219	234	842	702	648	608	654	657	624	657	
Public utilities.....	2,687	2,742	546	709	1,353	1,177	3,001	3,118	3,001	3,090	2,950	2,968	3,136	3,124	
Railroad.....	825	898	194	232	313	352	299	297	287	181	169	169	188	144	
Telephone and telegraph.....	529	548	93	100	225	167	402	612	743	627	641	644	719	625	
Other public utilities.....	1,323	1,296	259	377	815	658	2,300	2,209	2,361	2,282	2,146	2,155	2,228	2,355	
All other private.....	180	160	102	57	63	27	101	113	128	117	124	124	161	140	
Public.....	4,440	5,363	3,408	4,240	6,043	3,647	6,576	9,674	10,528	11,496	11,852	11,932	11,591	12,286	
Nonresidential buildings.....	1,427	1,549	708	924	1,322	1,115	321	383	383	3,214	3,010	3,021	3,132	3,279	
Industrial.....	(3)	(3)	6	5	337	1,212	2,238	3,274	3,193	3,214	3,010	254	254	304	
Educational.....	842	854	157	432	833	101	1,061	1,588	2,008	1,582	1,708	1,775	1,824	1,938	
Hospital and institutional.....	219	277	150	107	125	148	468	282	250	282	285	285	289	234	
Other nonresidential.....	366	418	395	380	527	67	497	566	607	676	704	707	757	803	
Military facilities.....	37	90	90	85	780	1,060	171	1,063	955	1,027	1,087	1,071	986	938	
Highways.....	1,978	2,548	1,367	1,448	2,409	526	2,222	3,684	4,199	4,773	5,123	5,149	4,868	5,267	
Sewer and water systems.....	466	645	1,205	235	531	120	709	709	865	857	857	870	858	887	
Public service enterprises.....	278	303	131	124	196	80	141	157	232	261	313	313	371	336	
Conservation and development.....	212	248	684	1,200	830	186	839	497	625	633	667	670	701	766	
All other public.....	42	30	23	102	180	12	54	67	76	93	136	136	136	202	

Source: 1929-1957, Department of Labor, Bureau of Labor Statistics and Department of Commerce, Business and Defense Administration; *Construction Volume and Cost, 1919-1957*, a supplement to *Construction Review* (a joint publication) and *Value of New Construction Put in Place, 1919-1958* (revised June 1959); beginning 1958, Department of Commerce, Bureau of the Census, *Construction Reports*, Series C 30.

1 Indexes for the new series are based on the assumption that the change in the new series from the 1947-49 base period to 1959 is the same as the change in the old series in that period.  
 2 Excludes building by privately owned public utilities.  
 3 Public industrial and commercial building not segregable from private construction; amount believed negligible.

## No. 1047. VALUE OF NEW CONSTRUCTION, BY TYPE, FOR SELECTED MONTHS: 1960 TO 1962

[In millions of dollars. Includes Alaska and Hawaii. New series; see headnote, table 1045]

TYPE OF CONSTRUCTION	1960					1961					1962
	Apr.	June	Aug.	Oct.	Dec.	Apr.	June	Aug.	Oct.	Dec.	June (prel.)
<b>New construction</b> .....	4,316	5,158	5,205	5,016	4,482	4,372	5,301	5,402	5,325	4,659	5,836
Private.....	3,154	3,657	3,556	3,463	3,170	3,110	3,690	3,723	3,608	3,345	4,127
Residential (nonfarm).....	1,858	2,195	2,031	1,897	1,698	1,735	2,138	2,109	2,094	1,896	2,512
New housing units.....	1,281	1,470	1,524	1,443	1,267	1,173	1,407	1,578	1,607	1,432	1,725
Additions and alterations.....	569	641	426	372	340	469	632	428	383	366	678
Nonhousekeeping.....	68	78	81	82	91	93	90	103	104	98	109
Nonresidential buildings.....	764	844	884	920	925	809	900	937	954	908	971
Industrial.....	223	224	237	255	264	234	219	213	221	221	235
Commercial.....	301	356	360	386	387	337	401	416	425	398	433
Office buildings and warehouses.....	157	171	184	192	201	187	196	201	201	195	208
Stores, restaurants, and garages.....	144	185	176	194	186	150	205	215	224	203	225
Other nonresidential buildings.....	230	264	287	288	274	238	280	308	308	289	303
Religious.....	75	83	92	98	86	71	81	90	90	85	82
Educational.....	43	45	50	52	50	43	47	55	56	52	50
Hospital and institutional.....	47	47	50	55	57	61	66	69	72	70	79
Social and recreational.....	49	65	71	67	60	46	62	69	64	67	68
Miscellaneous.....	16	24	24	21	21	17	24	25	26	25	24
Farm construction.....	100	117	126	111	87	116	156	160	127	97	137
Public utilities.....	423	477	489	490	437	428	473	497	504	427	484
Telephone and telegraph.....	91	104	97	97	86	78	80	85	89	78	84
Other public utilities.....	332	373	392	402	351	350	393	412	415	349	400
All other private.....	19	24	26	27	23	22	23	20	19	17	23
Public.....	1,162	1,501	1,649	1,558	1,312	1,262	1,611	1,670	1,627	1,314	1,709
Residential.....	61	80	58	60	59	60	72	69	56	80	79
Nonresidential buildings.....	381	426	448	448	391	433	468	462	459	391	462
Industrial.....	32	34	31	34	36	45	48	30	32	36	44
Educational.....	223	240	263	266	234	253	274	275	276	238	264
Hospital and institutional.....	34	36	36	34	31	31	31	32	34	30	34
Other nonresidential buildings.....	92	107	118	114	90	104	115	125	117	87	120
Military facilities.....	93	135	141	148	122	118	126	113	78	79	135
Highways.....	342	552	645	558	470	338	574	651	651	490	657
Sewer and water systems.....	124	130	139	128	112	130	140	149	140	122	156
Public service enterprises.....	45	59	78	66	43	46	50	66	60	30	44
Conservation and development.....	97	119	117	121	95	100	129	133	137	94	142
All other public.....	19	20	23	24	20	28	33	36	36	28	34

Source: Department of Commerce, Bureau of the Census; *Construction Report*, Series C 30.

## No. 1048. VALUE OF NEW PUBLIC CONSTRUCTION, BY SOURCE OF FUNDS, OWNERSHIP, AND TYPE: 1950 TO 1961

[In millions of dollars. New series includes Alaska and Hawaii. For difference between old and new series, see headnote, table 1045. For old series, see also *Historical Statistics, Colonial Times to 1957*, series N 55-58, for source of funds]

SOURCE OF FUNDS, OWNERSHIP, AND TYPE OF CONSTRUCTION	OLD SERIES					NEW SERIES		
	1950	1955	1957	1958	1959	1959	1960	1961
<b>New public construction</b> .....	6,866	11,724	14,079	15,457	16,107	16,211	15,953	17,034
Federal funds.....	2,087	3,567	4,307	5,518	6,482	6,545	6,118	6,200
Direct Federal.....	1,625	2,777	2,993	3,388	3,708	3,755	3,665	3,795
Federal grants-in-aid <sup>1</sup> .....	462	790	1,314	2,130	2,774	2,790	2,453	2,405
State and local funds.....	4,779	8,157	9,772	9,939	9,625	9,666	9,835	10,744
Federally owned.....	1,625	2,777	2,993	3,388	3,708	3,755	3,665	3,795
Residential.....	15	2	155	357	488	488	288	250
Nonresidential buildings.....	499	802	600	607	660	660	730	779
Industrial.....	224	721	473	408	368	368	407	444
Educational.....	.....	6	8	11	11	11	11	28
Hospital.....	146	22	45	35	58	68	56	55
Other nonresidential.....	129	53	74	153	223	223	253	252
Military facilities.....	177	1,287	1,287	1,402	1,441	1,488	1,386	1,368
Highways.....	46	78	119	114	93	93	113	118
Conservation and development.....	881	598	818	885	981	981	1,051	1,163
All other federally owned.....	7	10	14	28	45	45	91	77
State and locally owned.....	5,241	8,947	11,086	12,069	12,399	12,456	12,288	13,239
Residential.....	330	264	351	480	472	474	428	550
Nonresidential buildings.....	1,888	3,394	3,907	4,046	3,839	3,854	4,056	4,353
Educational.....	1,133	2,436	2,817	2,864	2,635	2,645	2,798	3,023
Hospital.....	353	278	309	355	369	370	344	315
Other nonresidential.....	402	680	781	827	835	830	914	1,015
Highways.....	2,088	3,783	4,335	5,431	5,749	5,777	5,351	5,700
Sewer and water systems.....	659	1,085	1,344	1,387	1,462	1,467	1,487	1,581
All other State and locally owned.....	276	421	649	716	877	884	966	1,055

<sup>1</sup> Construction programs currently receiving Federal grants-in-aid cover highways, schools, hospitals, airports, and miscellaneous community facilities.Source: Department of Commerce, Bureau of the Census. Published in Department of Commerce, Business and Defense Services Administration, *Construction Review*.

### No. 1049. BUILDING PERMIT ACTIVITY—VALUE OF PRIVATE CONSTRUCTION, BY TYPE OF CONSTRUCTION: 1959 TO 1961

[In millions of dollars. Includes Alaska and Hawaii. New series; differs from old series in table 1050. Old series covers private and public construction in approximately 7,000 places; new series covers private construction only, in 3,014 of the generally more active permit-issuing places, selected from the presently known total of about 10,000 places having building permit systems]

TYPE OF CONSTRUCTION	1959	1960	1961 (prel.)
<b>Total</b> .....	<b>19,881</b>	<b>17,982</b>	<b>18,849</b>
New housing units.....	12,379	10,305	10,065
1-family.....	10,487	8,477	8,397
2- to 4-family.....	1,892	462	489
5-or-more-family.....		1,366	2,080
Nonhousekeeping.....	429	300	396
New nonresidential buildings.....	5,176	5,478	5,515
Industrial buildings.....	923	932	896
Office buildings.....	915	969	914
Service stations and repair garages.....	(1)	114	131
Stores and other mercantile buildings.....	1,117	1,070	1,194
Religious buildings.....	486	444	444
Educational buildings.....	(1)	437	514
Hospitals and other institutional buildings.....	(1)	337	441
Amusement buildings.....	(1)	193	235
Residential garages.....	198	173	161
All other nonresidential buildings.....	(1)	810	616
Additions and alterations.....	1,897	1,899	1,973

<sup>1</sup> Not shown separately but included in new nonresidential buildings total.

Source: Department of Commerce, Bureau of the Census. Published in Department of Commerce, Business and Defense Services Administration, *Construction Review*.

### No. 1050. BUILDING PERMIT ACTIVITY—VALUE BY CLASS OF CONSTRUCTION AND OWNERSHIP: 1954 TO 1959

[In millions of dollars. Excludes Alaska and Hawaii. Old series, not comparable with new series in table 1049; for differences between old and new series, see headnote, table 1049. Covers building activity in approximately 7,000 urban and rural-nonfarm localities having building-permit systems. Such localities include about 80 percent of the nonfarm population of the country, according to the 1950 Census. Compiled from estimates of construction costs made by prospective builders when applying for permits to build, and value of contracts awarded by the Federal Government. State and local government construction is reported by local officials]

CLASS OF CONSTRUCTION	1954	1955	1956	1957	1958	1959
<b>All building construction</b> .....	<b>16,486</b>	<b>18,939</b>	<b>18,788</b>	<b>18,169</b>	<b>20,090</b>	<b>22,467</b>
New housing units.....	9,856	11,535	10,150	9,229	10,796	12,488
Privately owned.....	9,696	11,388	9,972	8,939	10,305	12,186
1-family.....	8,917	10,643	9,222	7,923	8,886	10,322
2- to 4-family.....	299	292	303	340	419	544
5-or-more-family.....	481	451	447	676	999	1,320
Publicly owned.....	159	149	178	290	491	302
Nonhousekeeping buildings.....	136	161	142	184	205	301
New nonresidential buildings.....	5,024	5,594	6,664	6,851	7,173	7,524
Commercial buildings.....	1,591	1,859	2,186	2,225	2,446	2,679
Amusement buildings.....	98	99	116	140	193	224
Commercial garages.....	60	67	61	58	56	52
Service stations and repair garages.....	120	140	166	159	125	130
Office buildings.....	454	553	828	976	1,073	1,106
Stores and other mercantile buildings.....	860	999	1,014	892	999	1,167
Community buildings.....	1,875	1,946	2,263	2,488	2,684	2,613
Educational buildings.....	1,178	1,242	1,431	1,497	1,644	1,553
Institutional buildings.....	336	308	390	525	570	677
Religious buildings.....	391	396	451	465	470	513
Garages, private residential.....	166	188	202	201	179	204
Industrial buildings.....	662	830	1,273	1,092	875	996
Public buildings.....	318	307	(1)	(1)	(1)	(1)
Public utilities buildings.....	209	273	328	424	425	357
All other nonresidential buildings.....	201	101	413	422	564	676
Additions, alterations, and repair.....	1,470	1,649	1,831	1,904	1,916	2,154

<sup>1</sup> Beginning 1956, data no longer shown separately for "public buildings." Such buildings have been classified, according to function, into appropriate categories; e. g., office, industrial, institutional, other nonresidential, etc.

Source: Department of Commerce, Bureau of the Census. Published in Department of Commerce, Business and Defense Services Administration, *Construction Review*.

**NO. 1051. EXPENDITURES FOR RESIDENTIAL ADDITIONS AND ALTERATIONS, MAINTENANCE AND REPAIRS, AND REPLACEMENTS ON ALL PROPERTIES, BY TENURE AND SIZE OF PROPERTY: 1961**

[In millions of dollars, except average. Includes Alaska and Hawaii. Based on sample and subject to sampling variability; see source for definitions, coverage, and methodology]

TYPE OF WORK	Total, all prop- erties	OWNER-OCCUPANTS OF PROP- ERTIES WITH 1 TO 4 HOU- SING UNITS			Nonres- ident owners of prop- erties with 1 to 4 housing units	Owners of prop- erties with 5 or more housing units	Renters
		Total	1 hous- ing unit	2 to 4 housing units			
<b>Total</b> .....	<b>13,805</b>	<b>9,018</b>	<b>7,411</b>	<b>1,607</b>	<b>3,434</b>	<b>995</b>	<b>358</b>
Average expenditure per property owner.....	313		295	434	346	1,186	
Additions and alterations.....	5,586	4,134	3,508	626	1,153	228	71
Additions.....	1,075	780	567	213	266	26	3
Alterations, inside.....	3,355	2,422	2,163	259	706	188	39
Alterations, outside.....	1,156	932	778	154	181	14	29
Maintenance and repair.....	6,167	3,538	2,801	737	1,750	613	266
Painting.....	2,994	1,607	1,294	313	971	261	155
Heating and central air condi- tioning.....	404	261	208	53	104	17	22
Plumbing.....	614	315	221	94	175	89	35
Roofing.....	522	289	195	94	186	44	3
Flooring.....	323	221	184	37	84	10	8
Other.....	1,251	845	699	146	228	135	43
Maintenance and repairs payroll..	59	(1)	(1)	(1)	2	57	(1)
Replacements.....	2,052	1,346	1,102	244	531	154	21
Heating and plumbing.....	1,119	624	511	113	346	128	21
Roofing.....	398	266	233	33	110	22	(2)
Other.....	535	456	358	98	75	4	(2)

<sup>1</sup> Not applicable. <sup>2</sup> Less than \$500,000.

Source: Department of Commerce, Bureau of the Census; *Construction Reports*, Series C50-2-5, and records.

**NO. 1052. INDEXES OF WHOLESALE PRICES OF CONSTRUCTION MATERIALS: 1950 TO 1961**

[1957-59=100. Includes Alaska and Hawaii]

COMMODITY	1950	1955	1960	1961 <sup>1</sup>	COMMODITY	1950	1955	1960	1961 <sup>1</sup>
<b>All construction ma- terials</b> .....	<b>83.0</b>	<b>95.1</b>	<b>100.5</b>	<b>98.6</b>	<b>Metals and products— Continued</b>				
<b>Lumber and wood products:</b>					Enamored iron fix- tures.....	95.6	108.0	104.8	104.9
Softwoods:					Vitreous china fix- tures.....	94.4	98.4	102.5	100.5
Douglas fir.....	97.4	108.1	99.0	94.9	Brass fittings.....	72.8	91.7	103.6	105.2
Southern pine.....	94.1	100.4	100.1	95.8	Heating equipment.....	86.4	94.6	98.2	94.6
Other softwoods.....	89.2	102.6	97.2	90.7	Steam and hot water equipment.....	73.5	89.0	102.9	102.2
Hardwoods.....	93.8	97.9	103.8	98.5	Metal doors, sash, and trim.....	79.0	100.2	95.3	94.9
Millwork.....	87.7	98.4	104.5	101.9	<b>Nonmetallic mineral items:</b>				
Plywood.....	108.4	107.4	97.8	95.7	Plate glass.....	78.1	92.8	96.4	91.5
Softwood.....	121.5	117.7	92.9	90.3	Concrete ingredients.....	77.1	90.2	102.7	102.8
Hardwood.....	96.7	97.0	102.8	101.4	Portland cement.....	72.1	87.7	103.5	103.3
Building paper and board.....	74.9	91.1	101.4	100.8	Concrete products.....	82.4	92.7	102.4	102.5
Prepared paint.....	77.8	89.7	100.7	103.6	Concrete pipe.....	73.4	89.8	104.4	104.3
<b>Metals and products:</b>					Structural clay prod- ucts.....	71.7	89.3	103.1	103.2
Structural steel shapes.....	92.3	78.2	102.8	102.8	Gypsum products.....	80.0	93.4	101.9	103.8
Reinforcing bars.....	61.0	83.7	102.3	99.9	Prepared asphalt roofing.....	86.5	90.5	91.6	98.6
Black steel pipe, car- bon.....	61.1	79.0	99.9	98.8	Insulation materials.....	97.9	103.2	100.7	95.0
Wire nails, 8d common.....	64.1	84.1	98.5	95.8	Linoleum, inlaid.....	77.3	93.7	104.6	103.3
Copper water tubing.....	73.5	106.1	99.6	79.2	Asphalt floor tile.....	92.0	97.4	102.4	104.3
Building wire.....	73.1	103.9	99.1	95.9	Rubber floor tile.....	83.9	94.2	100.5	100.5
Plumbing fixtures and brass fittings.....	84.5	98.0	103.2	103.4					

<sup>1</sup> Preliminary.

Source: Department of Labor, Bureau of Labor Statistics.

# No. 1053. COST INDEXES FOR CONSTRUCTION AND SELECTED COMPONENTS OF CONSTRUCTION: 1940 TO 1961

[1947-49=100. Excludes Alaska and Hawaii, except as noted. Indexes of certain of these firms are published on bases different from those shown here. See also *Historical Statistics, Colonial Times to 1957*, series N 85-102]

ITEM	1940	1945	1950	1955	1960	1961
Bureau of Labor Statistics:						
Composite of materials prices and hourly earnings in building construction <sup>1</sup>	50.6	66.9	110.3	133.5	(2)	(2)
Wholesale prices of building materials <sup>2</sup>	49.4	81.3	109.5	125.5	(2)	(2)
Average hourly earnings in building construction <sup>3</sup>	52.6	75.7	111.5	140.1	(2)	(2)
Union hourly wage scales in the building trades <sup>4</sup>	63.3	72.2	110.7	141.2	(2)	(2)
Department of Commerce: Composite <sup>5</sup>	50	67	107	125	143	145
Bureau of Public Roads: Highways <sup>6</sup>	40.7	75.7	95.6	100.1	111.5	111.4
American Appraisal Company: Building construction <sup>7</sup>	43	58	106	129	154	158
Associated General Contractors of America: General construction <sup>8</sup>	58	71	110	136	165	168
E. H. Boeckh and Associates: <sup>9</sup>						
Small residential structures: Composite	50.5	70.1	107.7	123.9	139.7	140.1
Apartments, hotels, and office buildings: Composite	54.8	71.3	109.6	130.6	151.6	153.5
Commercial and factory buildings: Composite	55.2	71.6	109.5	131.9	154.4	155.6
Engineering News-Record: <sup>10</sup>						
Building construction	60.3	71.1	111.6	139.3	166.3	168.0
General construction	53.7	68.8	113.2	146.6	182.9	188.1
George A. Fuller Company: Commercial buildings <sup>11</sup>	53	65	101	124	150	155
Turner Construction Company: Building construction <sup>12</sup>	48	65	105	123	145	146
Whitman Requardt and Associates (Handy-Whitman Index): <sup>13</sup>						
Public-utility construction:						
Building	53	66	112	141	176	175
Gas plant	58	66	111	142	181	184
Electric light and power <sup>14</sup>	62	69	113	145	176	173

<sup>1</sup> Represents combination of indexes of wholesale prices of building materials (weighted 61.4 percent) and average of hourly earnings in building construction (weighted 38.6 percent).

<sup>2</sup> Not available.

<sup>3</sup> Includes Alaska and Hawaii. Covers materials either (a) physically incorporated as integral part of a building or (b) normally installed during construction and not removable without seriously impairing building. Excludes consumer durables, as kitchen ranges, refrigerators, etc.

<sup>4</sup> Covers both full- and part-time construction workers through working foreman level, engaged on-site or off-site in actual construction work (including preassembly and precutting operations) who are employed by general contractors and by subcontractors engaged in special trades, such as plumbing, painting, etc. Excludes all non-construction workers employed by these firms.

<sup>5</sup> Based on minimum wage rates agreed upon through collective bargaining; excludes overtime. As of June 1 for 1940; July 1, thereafter.

<sup>6</sup> Covers both building and nonbuilding construction excluding maintenance and repair. Represents a weighted average of various indexes both private and government, used for different types of construction.

<sup>7</sup> Based on average contract unit bid prices for composite mile (involving specific average amounts of excavation, paving, reinforced steel, structural steel, and structural concrete).

<sup>8</sup> Average 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 materials and labor prices for plumbing, heating, lighting, sprinklers, and elevators. Reflects employee-benefit costs, and allows for contractors' overhead and profit.

<sup>9</sup> Covers both building and nonbuilding construction. Wages and materials for 12 cities combined in 40-60 ratio. Wages are for hod carriers and common laborers only. Materials weighted: Sand, gravel, crushed stone, cement, common brick, and lumber, 1 each; hollow tile,  $\frac{1}{2}$ ; and structural and reinforcing steel (together)  $\frac{1}{2}$ . Excludes taxes and employee-benefit costs.

<sup>10</sup> Average of 20 cities for types shown. Weights based on surveys of actual building costs and vary with different types of structures. Wage rates used for both common and skilled labor. Reflects payment of sales taxes and social security payroll taxes. Unweighted averages from Boeckh series prepared by Department of Commerce, Bureau of the Census.

<sup>11</sup> Building construction index computed on basis of hypothetical unit of construction requiring 6 bbls. of portland cement, 1,088 M. bd. ft. of 2" x 4" lumber, 2,500 lbs. 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. Not adjusted for changes in materials availability, competitive conditions, efficiency of plant and management, productivity, or related factors.

<sup>12</sup> Composite of 36 major cost elements in 3 commercial-type buildings including structural elements and elevators, wiring, plumbing, heating, and ventilating. Job costs include both skilled and unskilled labor, and series reflects employee-benefit costs.

<sup>13</sup> Eastern 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.

<sup>14</sup> Based on data covering public utility construction costs (building construction, gas plant construction, and electric light and power construction) for 65 items in 6 geographical regions of the U. S. Job costs include both skilled and common labor. Indexes do not reflect tax payments nor employee-benefit cost. Department of Commerce, Bureau of the Census, has converted these series to a 1947-49 base, and combined the various items into a single index.

<sup>15</sup> As derived by Department of Commerce, Bureau of the Census; covers steam production plants only; excludes hydraulic plants.

Source: Department of Labor, Bureau of Labor Statistics, *Construction Cost Indexes* (Report No. 73), and records; and Department of Commerce, Bureau of the Census. Published in Department of Commerce, Business and Defense Services Administration, *Construction Review*.

### NO. 1054. VALUE OF CONTRACT AWARDS FOR NEW PUBLIC CONSTRUCTION, BY OWNERSHIP AND TYPE OF CONSTRUCTION: 1955, 1960, AND 1961

[In millions of dollars. Beginning 1959, includes Alaska and Hawaii. Includes force-account construction (work done by government agencies' own employees to perform nonmaintenance construction) and major additions and alterations. Federal may exclude some classified projects. State and local represents work under the jurisdiction of State, county, municipal, or other non-Federal governmental units, including projects under Federal-aid programs]

OWNERSHIP AND TYPE OF CONSTRUCTION	1955	1960	1961	OWNERSHIP AND TYPE OF CONSTRUCTION	1955	1960	1961
All public construction.....	9,001	12,928	12,746	State and locally owned.....	7,445	10,750	10,828
Federally owned.....	1,556	2,178	1,918	Residential building.....	210	454	650
Residential building.....	61	209	242	Nonresidential building.....	2,842	3,670	3,639
Nonresidential building.....	886	780	536	Highway.....	2,934	4,026	4,391
Airfields.....	157	306	457	Sewerage systems.....	502	701	811
Conservation and development.....	272	344	222	Water supply facilities.....	394	528	454
Highway.....	59	129	92	Public service enterprises.....	378	423	420
Electric power utilities.....	44	104	261	All other State and locally owned.....	185	348	464
All other federally owned.....	78	117	109				

Source: Department of Commerce, Bureau of the Census. Published in Department of Commerce, Business and Defense Services Administration, *Construction Review*.

### NO. 1055. FEDERAL EXPENDITURES FOR PUBLIC WORKS: 1955 TO 1962

[In millions of dollars. For years ending June 30. Includes public works in United States, Trust Territory of the Pacific Islands, Panama Canal and Canal Zone, and structures in foreign countries owned by the U.S. Government (e.g., Department of State, foreign service buildings). From budget accounts and trust funds. Comprises direct Federal works and grants and loans to State and local governments for public works]

FUNCTION AND TYPE OF FACILITY	1955	1957	1958	1959	1960	1961	1962 estimate
Civil public works <sup>1</sup> .....	1,715	2,243	3,106	4,535	5,011	4,925	5,802
International affairs and finance.....	5	9	14	35	28	14	30
Space research and technology: Research and flight centers <sup>2</sup> .....	22	12	17	25	54	98	154
Agriculture and agricultural resources.....	43	48	21	31	43	40	50
Natural resources.....	830	804	988	1,096	1,123	1,307	1,392
Commerce and transportation.....	665	1,088	1,681	2,831	3,161	2,891	3,396
Housing and community development.....	87	17	20	25	21	33	101
Health, labor, and welfare.....	38	41	76	127	131	134	151
Education.....	137	124	179	188	211	186	219
Veterans services and benefits.....	33	40	36	49	60	59	74
General government: Government buildings and facilities.....	20	60	73	128	178	161	231
National defense public works.....	2,408	2,249	1,964	2,150	1,835	1,898	1,531
Military public works.....	1,612	1,959	1,748	1,942	1,618	1,605	1,250
Civil defense public works.....						( <sup>3</sup> )	5
Atomic energy facilities.....	787	263	210	207	218	293	276
Defense production expansion and other.....	8	28	6	1	-1		

<sup>1</sup> Excludes nonconstruction costs; includes proposed legislation.

<sup>2</sup> Prior to 1958, principally aeronautics rather than space programs.

<sup>3</sup> Less than \$500,000.

Source: Executive Office of the President, Bureau of the Budget; *Budget of the U.S. Government, 1963*.

### NO. 1056. CONSTRUCTION CONTRACTS—VALUE OF CONSTRUCTION AND FLOOR SPACE OF BUILDINGS, BY CLASS OF CONSTRUCTION: 1957 TO 1961

[Value in millions of dollars; floor space in millions of square feet. Excludes Alaska and Hawaii]

CLASS OF CONSTRUCTION	VALUE OF CONSTRUCTION					FLOOR SPACE OF BUILDINGS				
	1957	1958	1959	1960	1961	1957	1958	1959	1960	1961
Total.....	32,173	35,090	36,268	36,318	37,135	2,003	2,101	2,337	2,154	2,203
Nonresidential buildings:										
Commercial.....	3,267	3,197	3,496	3,725	3,797	245	243	281	283	293
Industrial.....	2,168	1,400	1,880	2,114	1,814	176	113	158	178	160
Educational and science.....	2,936	2,907	2,666	3,005	3,015	207	201	181	196	194
Hospital.....	870	879	865	832	985	40	38	38	36	44
Public buildings.....	470	655	605	679	671	27	37	34	33	33
Religious.....	609	746	799	789	805	50	51	54	53	53
Social and recreational.....	429	500	601	631	623	31	37	43	44	41
Miscellaneous.....	455	664	474	464	403	33	47	35	31	29
Residential buildings.....	13,039	14,696	17,150	15,105	16,123	1,195	1,333	1,512	1,300	1,364
Public works.....	5,486	6,802	5,804	6,946	6,911	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Utilities.....	2,375	2,644	1,928	2,026	1,985	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )

<sup>1</sup> Includes nonindustrial warehouses. <sup>2</sup> Not available.

Source: F. W. Dodge Corp., New York, N.Y.; published currently in *Dodge Construction Contract Statistics Service*.

## No. 1057. CONSTRUCTION CONTRACTS—VALUE, BY STATES: 1940 TO 1961

[In millions of dollars. See headnote, table 1056. Represents value of construction in States in which work was actually done. Beginning 1957, shown on revised basis; therefore not comparable with prior years]

STATE	1940	1950	1955	1957	1958	1959	1960	1961
Total <sup>1</sup>	4,004	14,501	23,745	32,173	35,090	36,268	36,318	37,135
Alabama	57	227	320	377	540	623	407	497
Arizona				485	414	459	453	550
Arkansas	20	126	139	217	234	292	286	281
California				4,024	4,368	4,875	4,947	5,249
Colorado				465	478	510	461	550
Connecticut	85	290	565	603	543	552	618	595
Delaware	17	62	114	112	122	116	98	128
District of Columbia	65	97	119	166	161	171	222	232
Florida	167	532	1,047	1,359	1,431	1,655	1,443	1,435
Georgia	91	206	480	537	649	692	606	757
Idaho				139	151	122	115	142
Illinois	258	930	1,921	2,036	1,857	2,068	2,098	1,068
Indiana	126	389	649	790	727	821	803	830
Iowa	59	194	271	371	419	391	411	407
Kansas	52	214	512	393	462	457	462	426
Kentucky	57	191	375	453	481	476	486	506
Louisiana	70	311	612	630	678	661	579	589
Maine	14	40	154	105	152	133	116	125
Maryland	123	536	821	604	651	745	706	761
Massachusetts	150	486	759	680	824	796	764	799
Michigan	217	838	1,329	1,364	1,307	1,359	1,410	1,301
Minnesota	66	301	512	572	686	669	661	678
Mississippi	52	163	172	278	225	274	288	239
Missouri	122	368	688	575	770	742	807	698
Montana				139	162	134	133	195
Nebraska	26	106	221	227	246	262	288	307
Nevada				85	102	99	130	190
New Hampshire	12	34	86	104	124	125	103	109
New Jersey	165	748	1,010	1,048	1,136	1,200	1,235	1,293
New Mexico				256	299	264	220	199
New York	474	1,767	2,655	3,115	3,557	3,000	3,693	3,547
North Carolina	81	258	353	445	534	643	652	622
North Dakota	7	63	85	139	172	138	141	122
Ohio	267	978	2,035	1,888	2,049	2,046	1,924	2,039
Oklahoma	54	253	434	364	507	462	489	509
Oregon				299	384	354	365	415
Pennsylvania	268	1,138	1,530	1,544	1,586	1,567	1,439	1,555
Rhode Island	55	90	93	103	108	148	118	139
South Carolina	49	134	233	235	349	168	333	303
South Dakota	10	62	87	119	152	307	186	186
Tennessee	106	397	469	392	477	636	618	576
Texas	254	1,072	1,487	1,691	2,042	2,035	2,021	2,140
Utah				227	268	227	195	262
Vermont	9	21	35	75	72	79	51	61
Virginia	169	393	606	659	706	757	968	928
Washington				686	673	831	632	679
West Virginia	41	96	137	229	249	236	198	203
Wisconsin	83	332	562	671	696	689	753	702
Wyoming				107	106	109	121	111

<sup>1</sup> Excludes Alaska and Hawaii. Total for 37 Eastern States and D.C. through 1955, 48 States and D.C. thereafter.

Source: F. W. Dodge Corp., New York, N.Y.; published currently in *Dodge Construction Contract Statistics Service*.



## No. 1058. CONSTRUCTION CONTRACTS—INDEXES OF VALUE: 1940 TO 1962

[1947-49=100, 1940-55; 1957=100, beginning 1956. Indexes are derived from monthly figures of construction contracts reported by F. W. Dodge Corporation. Reports covered 37 States and D.C. through 1955, and 48 States and D.C. thereafter. Indexes through 1955 based on 3-month moving average, centered at middle month; indexes beginning 1956 based on monthly data. More detailed description of old index, including seasonal adjustments, obtainable from Division of Research and Statistics, Board of Governors of the Federal Reserve System]

YEAR	Total	Residen- tial	All other	YEAR AND MONTH	Total	Residen- tial	All other
1940.....	44	43	44	1961:			
1945.....	36	16	50	January.....	93	90	95
1947.....	84	86	83	February.....	83	80	86
1948.....	102	98	105	March.....	118	126	113
1949.....	113	116	111	April.....	125	134	116
1950.....	159	185	142	May.....	131	143	122
				June.....	134	143	128
1951.....	171	170	172	July.....	132	138	127
1952.....	183	183	183	August.....	132	146	123
1953.....	192	178	201	September.....	112	127	102
1954.....	215	232	204	October.....	123	138	112
1955.....	261	280	248	November.....	112	120	107
1956.....	98	99	98	December.....	101	104	100
1957.....	100	100	100	1962:			
1958.....	110	113	107	January.....	99	110	92
1959.....	113	132	101	February.....	105	110	98
1960.....	114	117	112	March.....	149	143	153
1961.....	116	124	111	April.....	144	167	128

Source: Board of Governors of the Federal Reserve System; published currently in *Federal Reserve Bulletin*.

## No. 1059. ENGINEERING CONSTRUCTION CONTRACTS AWARDED AND BACKLOG OF PROPOSED CONSTRUCTION—VOLUME, BY TYPE: 1940 TO 1961

[In millions of dollars. Beginning 1959, includes Alaska and Hawaii. Covers U.S. construction projects of following minimum costs: for 1940 and 1945, waterworks, excavation, drainage, and irrigation, \$15,000; other public works, \$25,000; industrial plants, \$40,000; other buildings, \$150,000. For 1950, minimums were: \$28,000, \$50,000, \$68,000, and \$250,000. For 1955, 1957, and 1958, minimums were: \$44,000, \$73,000, \$93,000, and \$344,000. For 1959-61, minimums were: \$53,000, \$88,000, \$110,000, and \$400,000. See also *Historical Statistics, Colonial Times to 1957*, series N 75-84]

YEAR	Total	PUBLIC WORKS						PRIVATE BUILDINGS		Un- classi- fied
		Water- works	Sewer- age	Bridges <sup>1</sup>	Earth- work, irr., drain.	Streets, roads	Build- ings	Indus- trial plants	Com- mercial	
CONTRACTS AWARDED										
1940.....	3,987	70	91	120	234	678	1,196	594	400	603
1945.....	2,289	61	35	53	57	227	463	635	387	371
1950.....	13,842	215	287	369	417	1,268	2,375	1,683	4,092	1,256
1955.....	18,722	314	402	546	546	2,137	21,987	2,951	7,794	2,046
1957.....	17,986	360	556	781	969	2,965	22,995	3,081	4,795	1,475
1958.....	19,165	306	618	713	1,045	3,729	23,664	1,766	5,534	1,790
1959.....	20,423	376	655	570	915	2,899	23,195	2,993	6,861	1,958
1960.....	22,654	455	619	794	780	3,401	23,300	2,792	8,051	2,462
1961.....	21,981	431	819	651	804	3,712	23,427	2,817	7,636	1,685
BACKLOG OF PROPOSED PROJECTS (DEC. 31)										
1950.....	52,113	1,387	2,182	1,602	7,282	4,598	12,050	5,753	6,963	10,206
1955.....	93,653	1,990	2,988	2,760	11,293	11,313	16,405	14,302	15,767	16,235
1957.....	111,482	2,422	3,362	3,401	12,370	13,180	20,208	16,774	20,253	19,513
1958.....	114,175	2,680	3,576	3,410	11,906	12,920	20,658	17,075	22,362	19,609
1959.....	118,319	2,844	3,820	3,532	12,091	12,960	21,343	17,163	23,980	20,586
1960.....	124,700	2,919	4,117	3,385	12,135	13,634	22,724	17,086	27,274	20,526
1961.....	126,635	3,157	4,309	3,266	12,350	13,202	22,908	17,950	29,111	20,262

<sup>1</sup> Includes private; amount of contracts awarded in 1961, \$1,153,000; amount in backlog of proposed work in 1961, \$111,757,000.

<sup>2</sup> Includes contracts awarded for atomic energy plants as follows (in millions): 1950, \$2,020; 1955, \$131; 1957, \$56; 1958, \$84; 1959, \$241; 1960, \$59; 1961, \$82.

Source: McGraw-Hill Publishing Co., New York, N.Y.; *Engineering News-Record* and *Construction Daily*.

# No. 1060. ENGINEERING CONSTRUCTION CONTRACTS AWARDED—VOLUME, BY TYPE, BY STATES: 1961

[In thousands of dollars. Covers U.S. construction projects of following minimum costs: Waterworks, excavation, and irrigation, \$53,000; other public works, \$88,000; industrial plants, \$110,000; other buildings, \$400,000]

STATE	Total	PUBLIC WORKS CONTRACTS						PRIVATE BUILDING CONTRACTS		Unclassified
		Water-works	Sewer-age	Bridges <sup>1</sup>	Earth-work, irrigation, drainage	Streets, roads	Buildings <sup>2</sup>	Industrial plants	Commercial	
<b>United States.....</b>	<b>21,980,883</b>	<b>430,706</b>	<b>819,266</b>	<b>651,354</b>	<b>803,706</b>	<b>3,711,673</b>	<b>3,426,654</b>	<b>2,816,705</b>	<b>7,636,208</b>	<b>1,684,601</b>
Alabama.....	305,888	3,066	7,157	9,138	10,304	52,320	80,465	18,650	84,048	40,690
Alaska.....	72,085	438	2,348	1,441	2,107	13,937	15,002		8,136	28,081
Arizona.....	226,603	1,258	4,640	2,104	15,973	56,581	24,571	7,250	51,790	65,427
Arkansas.....	243,422	3,052	3,919	2,950	36,832	40,533	23,797	17,303	43,404	72,132
California.....	2,482,650	82,816	124,184	49,458	106,754	335,377	487,459	259,206	903,491	133,815
Colorado.....	273,646	5,877	4,782	8,678	13,439	34,327	32,681	22,423	134,031	17,408
Connecticut.....	414,155	550	18,764	1,050	5,932	39,886	52,452	44,890	240,856	10,275
Delaware.....	113,799		1,607	935	1,564	18,868	18,969	26,473	43,349	2,044
Dist. of Columbia.....	261,240	110	20,333	8,537	206	19,116	81,165	4,019	122,402	5,352
Florida.....	600,402	8,862	26,025	6,872	17,418	75,263	70,094	57,006	310,404	86,953
Georgia.....	425,246	4,233	13,238	13,393	6,170	109,606	58,661	66,621	130,509	22,815
Hawaii.....	143,733	4,008	3,796	95	1,457	10,031	15,979	13,779	80,300	14,288
Idaho.....	78,090	479	3,089	1,547	1,795	30,172	26,447	2,130	10,791	1,640
Illinois.....	1,062,918	26,734	52,489	49,713	14,842	139,340	150,474	147,940	397,155	84,251
Indiana.....	246,725	2,137	15,825	20,603	10,114	35,194	50,202	65,139	42,928	4,553
Iowa.....	192,832	1,808	14,110	10,680	15,220	70,726	21,137	8,943	40,422	9,777
Kansas.....	228,252	2,120	3,894	9,026	27,326	54,004	26,192	43,394	13,397	48,599
Kentucky.....	322,856	4,731	13,978	10,010	23,357	105,529	83,907	24,621	40,078	10,645
Louisiana.....	356,977	4,065	20,330	35,569	24,795	87,299	37,272	72,741	39,419	35,497
Maine.....	61,440	441	2,145	3,229	1,410	17,454	12,125	5,658	8,703	10,275
Maryland.....	508,764	10,845	14,455	12,173	777	44,358	123,944	126,937	154,023	15,052
Massachusetts.....	470,503	12,806	14,888	14,487	3,452	47,346	111,543	66,184	181,631	18,166
Michigan.....	511,106	14,221	70,767	15,826	17,526	201,840	52,621	32,908	79,795	19,032
Minnesota.....	351,238	9,230	25,030	10,527	6,927	60,890	69,363	47,221	99,491	23,060
Mississippi.....	150,274	1,393	5,019	3,252	6,929	45,722	25,570	73,183	7,927	11,339
Missouri.....	433,420	3,934	10,226	27,710	16,547	77,010	54,503	47,335	176,337	19,728
Montana.....	205,596	100	1,215	4,912	47,638	42,543	20,945	12,600	3,939	71,704
Nebraska.....	156,336	1,807	12,648	5,751	12,454	44,020	40,690	6,838	21,914	10,288
Nevada.....	78,100		134		104	17,839	17,037		31,000	11,066
New Hampshire.....	58,404	445	320	414	1,500	20,585	5,675	2,940	19,575	7,010
New Jersey.....	1,186,751	17,685	22,754	28,727	9,549	61,607	136,169	200,430	690,120	19,650
New Mexico.....	108,590	3,750	626	1,042	10,757	22,318	23,564	16,305	8,035	22,193
New York.....	2,367,212	41,353	45,001	97,824	16,944	375,749	408,810	225,042	1,014,620	147,839
North Carolina.....	352,614	9,857	11,386	13,658	1,613	55,470	61,515	73,690	113,234	12,191
North Dakota.....	65,899	154	909	1,019	3,613	23,078	13,379	11,100	3,949	8,193
Ohio.....	1,151,291	18,688	45,281	10,873	14,291	224,061	160,136	112,869	534,063	22,029
Oklahoma.....	200,030	7,528	3,847	6,085	43,825	38,326	20,205	27,779	15,096	31,539
Oregon.....	145,471	3,136	7,351	14,364	10,701	44,400	11,696	6,453	28,232	19,108
Pennsylvania.....	1,021,246	15,027	40,877	23,170	29,171	165,313	95,718	102,731	443,198	16,011
Rhode Island.....	54,984	2,135	772		12,590	7,296	8,174	6,209	13,507	4,301
South Carolina.....	175,288	1,063	1,715	7,965	2,255	43,258	24,101	42,811	33,518	17,072
South Dakota.....	152,212			3,031	33,205	28,042	16,595	876	4,807	65,957
Tennessee.....	390,422	9,824	8,068	10,241	15,762	86,375	109,703	27,907	89,610	32,132
Texas.....	1,079,791	48,357	40,741	19,294	60,789	250,834	133,008	409,953	816,490	105,325
Utah.....	143,469	2,400	4,008	2,280	11,233	29,618	40,448	10,000	20,003	22,877
Vermont.....	38,238	62	1,770	363	759	25,877	3,937	278	4,296	896
Virginia.....	470,353	9,775	7,410	20,560	1,781	94,559	103,457	20,494	136,789	75,537
Washington.....	305,872	9,201	18,064	19,150	33,656	49,398	54,354	23,415	58,754	39,880
West Virginia.....	109,743	519	10,522	5,474	26,049	22,109	5,505	30,710	5,102	3,153
Wisconsin.....	325,747	15,123	29,237	13,373	1,150	71,106	94,507	18,132	73,184	9,035
Wyoming.....	110,950	2,938	644	3,751	13,042	36,667	6,655	34,940	1,256	11,057

<sup>1</sup> Includes bridges under private contracts amounting to \$1,153,000.

<sup>2</sup> Includes \$82,049,000 in contracts awarded for atomic energy plants.

Source: McGraw-Hill Publishing Co., New York, N.Y.; *Engineering News-Record and Construction Daily*.

**NO. 1061. NEW HOUSEKEEPING RESIDENTIAL CONSTRUCTION AUTHORIZED—  
VALUATION AND NUMBER OF UNITS, FOR SELECTED STANDARD METROPOLITAN  
STATISTICAL AREAS: 1960 AND 1961**

[Includes public housing contract awards. Authorizations cover only permit-issuing places within SMSA's.  
For definition of standard metropolitan statistical areas, see headnote, table 10]

STANDARD METROPOLITAN STATISTICAL AREA	VALUATION (\$1,000)		NUMBER OF HOUSING UNITS	
	1960	1961	1960	1961
Atlanta.....	124,068	122,801	13,378	13,075
Baltimore.....	84,171	118,521	8,832	10,622
Birmingham.....	38,551	37,726	4,004	4,000
Boston.....	121,768	141,021	10,072	12,440
Buffalo.....	50,201	44,861	4,500	3,689
Chicago.....	565,511	618,226	41,348	45,371
Cincinnati.....	91,444	88,350	7,560	7,232
Cleveland.....	193,422	172,186	12,360	10,852
Columbus.....	91,067	95,181	5,687	6,833
Dallas.....	149,256	183,064	13,754	17,639
Dayton.....	70,333	66,558	5,016	4,884
Denver.....	135,067	191,411	13,386	19,500
Detroit.....	227,202	214,809	16,400	15,686
Fort Worth.....	43,837	47,380	4,785	4,812
Honolulu.....	91,137	69,813	8,397	5,774
Houston.....	104,589	130,872	8,213	11,499
Indianapolis.....	61,998	66,165	4,570	5,997
Jacksonville.....	42,557	41,668	0,358	6,050
Kansas City.....	89,914	90,926	7,562	7,520
Los Angeles-Long Beach.....	945,412	1,105,213	81,676	92,773
Louisville.....	45,081	48,132	3,962	4,590
Memphis.....	33,322	37,368	5,102	5,096
Miami.....	142,800	114,626	11,593	10,207
Milwaukee.....	95,030	78,565	8,596	6,886
Minneapolis-St. Paul.....	198,749	170,967	12,745	13,689
New Orleans.....	61,678	78,853	5,093	6,274
New York.....	747,410	1,011,853	70,900	96,198
Orlando.....	48,087	45,084	5,375	4,774
Philadelphia.....	244,877	297,496	23,500	27,236
Phoenix.....	143,134	131,840	16,320	15,068
Pittsburgh.....	124,039	92,015	9,185	6,896
Sacramento.....	99,852	68,589	9,299	6,509
St. Louis.....	127,910	129,008	11,371	10,901
San Bernardino-Riverside-Ontario.....	133,840	131,494	13,290	12,688
San Diego.....	180,402	135,435	14,407	10,975
San Francisco-Oakland.....	321,206	366,850	28,085	32,664
San Jose.....	173,310	178,321	16,427	15,995
Santa Barbara.....	52,516	75,753	3,783	5,808
Seattle.....	103,676	124,152	7,583	9,110
Tampa-St. Petersburg.....	118,990	119,907	13,864	12,174
Tucson.....	40,848	35,248	4,325	3,697
Washington, D.C.....	220,265	278,065	20,329	26,174

Source: Department of Commerce, Bureau of the Census, *Construction Reports*, Series C42.

**NO. 1062. HOUSING UNITS, BY GEOGRAPHIC DIVISIONS INSIDE AND OUTSIDE  
STANDARD METROPOLITAN STATISTICAL AREAS: 1950 AND 1960**

[Includes Alaska and Hawaii. The unit of enumeration was dwelling unit in 1950 and housing unit in 1960; see p. 742 for difference in definition. For definition of standard metropolitan statistical areas, see headnote table 10. For composition of divisions, see table 1072]

DIVISION	1950				1960			
	Total		Inside SMSA's <sup>1</sup>	Outside SMSA's <sup>1</sup>	Total		Inside SMSA's	Outside SMSA's
	Number	Per-cent			Number	Per-cent		
United States.....	46,137,076	100.0	27,142,919	18,994,157	58,326,357	100.0	36,386,215	21,940,142
New England.....	2,870,409	6.2	1,901,179	918,230	3,521,063	6.0	2,359,780	1,161,883
Middle Atlantic.....	9,171,773	19.9	7,378,229	1,793,544	11,276,897	19.3	9,082,156	2,194,541
East North Central.....	9,334,211	20.2	5,868,958	3,465,253	11,637,510	20.0	7,609,912	4,047,598
West North Central.....	4,411,435	9.6	1,664,886	2,746,549	5,140,204	8.8	2,161,420	2,978,874
South Atlantic.....	5,996,267	13.0	2,735,531	3,260,736	8,032,524	13.8	4,123,786	3,908,738
East South Central.....	3,195,164	6.9	1,020,837	2,174,327	3,606,348	6.2	1,308,201	2,298,147
West South Central.....	4,462,354	9.7	2,006,551	2,455,803	5,533,816	9.5	2,898,628	2,635,188
Mountain.....	1,608,421	3.5	644,277	964,144	2,226,564	3.8	1,062,245	1,164,319
Pacific.....	5,078,042	11.0	3,862,471	1,215,571	7,330,941	12.6	5,780,087	1,550,854

<sup>1</sup> As defined in 1960.

Source: Department of Commerce, Bureau of the Census; U.S. *Census of Housing: 1950*, Vol. I, and *1960*, Vol. I.

## No. 1063. NEW HOUSING UNITS STARTED, BY TYPE: 1940 TO 1961

[New series includes Alaska and Hawaii. In general, new series is more nearly complete in coverage than old, and is based on a broader definition of housing unit. Also, new series is derived from continuing field measurement of actual housing starts; old series relied on current field measurement only in areas where building permits not required. For detailed description of sources and methods, see *Construction Reports*, Series C20-11 (Supplement), May 1960. For old series, see also *Historical Statistics, Colonial Times to 1957*, series N 106-117]

YEAR	HOUSING UNITS STARTED (1,000)									ESTIMATED CON- STRUCTION COST (\$1,000,000) <sup>1</sup>		
	Total	Area <sup>1</sup>		Type of structure			Type of financing			Pub- lic	Pri- vately fi- nanced	Pub- licly fi- nanced
		Metro- politan	Non- metro- politan	1- family	2- family <sup>2</sup>	Multi- family <sup>3</sup>	Private					
							Total	Govern- ment pro- grams				
							FHA	VA				
OLD SERIES <sup>4</sup> (NONFARM)												
1940.....	603	( <sup>5</sup> )	( <sup>5</sup> )	480	37	80	530	( <sup>5</sup> )	( <sup>5</sup> )	73	2,072	227
1945.....	209	( <sup>5</sup> )	( <sup>5</sup> )	185	9	16	208	( <sup>5</sup> )	( <sup>5</sup> )	1	959	6
1950.....	1,396	1,022	374	1,154	45	197	1,352	487	( <sup>5</sup> )	44	11,418	370
1955.....	1,329	976	353	1,194	33	102	1,310	277	393	19	14,346	190
1956.....	1,118	780	338	990	31	98	1,094	189	271	24	12,815	262
1957.....	1,042	700	342	873	33	136	993	168	128	49	12,127	567
1958.....	1,209	827	382	975	39	195	1,142	295	102	68	13,679	821
1959.....	1,379	946	432	1,095	53	231	1,343	333	109	37	16,464	464
NEW SERIES (NONFARM)												
1959.....	1,631	1,076	455	1,220	59	244	1,495	333	109	37	18,549	432
1960.....	1,274	888	386	987	51	237	1,230	261	75	44	15,596	528
1961.....	1,327	936	391	982	50	325	1,276	244	83	52	16,078	690
NEW SERIES (NONFARM AND FARM)												
1959.....	1,554	1,077	477	1,251	59	244	1,517	333	109	37	19,398	432
1960.....	1,296	889	407	1,009	51	237	1,252	261	75	44	15,831	528
1961.....	1,355	937	418	980	50	325	1,304	244	83	52	16,423	606

<sup>1</sup> For definition of standard metropolitan statistical areas, see headnote, table 10: For old series, metropolitan segment corresponds to the 168 standard metropolitan statistical areas used in the 1950 census; for new series, 1959 and 1960 based on 1959 definitions (standard metropolitan statistical areas, 1959, Bureau of the Budget). Beginning 1961, based on 1961 revision (*Standard Metropolitan Statistical Areas, 1961*, Bureau of the Budget).

<sup>2</sup> Includes 1- and 2-family structures with stores. <sup>3</sup> Includes multifamily structures with stores. <sup>4</sup> Private construction costs based on permit valuation, adjusted for understatement of costs shown on permit applications, supplemented by reported estimates of construction costs in nonpermit areas. Public construction costs based on contract values or estimated construction costs for individual projects. <sup>5</sup> Permanent units only. <sup>6</sup> Not available.

Source: 1940-1958, Department of Labor, Bureau of Labor Statistics, *Nonfarm Housing Starts, 1889-1958* (Bulletin No. 1260); beginning 1959, Department of Commerce, Bureau of the Census, *Construction Reports*, Series C20, and records.

## No. 1064. MOBILE HOMES AND TRAVEL TRAILERS—MANUFACTURERS SHIPMENTS: 1956 TO 1962

[A mobile home, or housing-type trailer, 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. Mobile homes are defined as units over 28 feet long and weighing over 4,500 pounds; travel trailers, as units less than 28 feet long, regardless of weight, or weighing less than 4,500 pounds, regardless of length. Excludes units designed for commercial uses, pickup cabs, folding campers, and amphibious units]

YEAR AND MONTH	Total	Mobile homes	Travel trailers	Total shipments as percent of private housing starts
1956.....	139,690	( <sup>1</sup> )	( <sup>1</sup> )	<sup>2</sup> 12.8
1957.....	143,400	( <sup>1</sup> )	( <sup>1</sup> )	<sup>2</sup> 14.5
1958.....	133,300	( <sup>1</sup> )	( <sup>1</sup> )	<sup>2</sup> 11.7
1959.....	162,500	120,500	42,000	10.7
1960.....	144,000	103,700	40,300	11.5
1961.....	126,780	87,430	39,300	9.7
1962:				
January.....	8,280	6,400	1,880	10.3
February.....	10,930	7,580	3,350	14.4
March.....	13,980	9,090	4,890	12.3

<sup>1</sup> Not available. <sup>2</sup> Based on private nonfarm housing starts, "old series." See table 1063.

Source: Department of Commerce, Business and Defense Services Administration; *Construction Review*.

**No. 1065. NUMBER AND AVERAGE CONSTRUCTION COST OF NEW PRIVATELY OWNED NONFARM ONE-FAMILY HOUSING UNITS STARTED: 1940 TO 1962**

[New series includes Alaska and Hawaii. Average cost of all such housing units started nationally. Data do not represent construction cost of a typical house. These averages are affected by changes in cost of materials and labor, variations in size and design of the houses, type of projects started, differences in construction methods, and other variables. Construction costs cover only labor, materials, and subcontracted work, and that part of the builders' overhead and profit chargeable directly to the construction projects. Cost data based primarily on builders' estimates of construction cost made at the start of construction. For difference between old and new series, see headnote, table 1063]

YEAR	Number of housing units started	Average construction cost per unit	YEAR AND MONTH	Number of housing units started	Average construction cost per unit
<b>OLD SERIES</b>			<b>NEW SERIES</b>		
1940.....	447,600	\$4,075	1959.....	1,211,700	\$13,425
1945.....	184,600	4,650	1960.....	972,300	13,775
1948.....	763,200	7,850	1961.....	937,500	13,900
1949.....	792,400	7,825	January.....	48,500	13,200
1950.....	1,150,700	8,675	February.....	52,300	13,725
1951.....	892,200	9,300	March.....	75,200	13,875
1952.....	939,100	9,475	April.....	81,400	14,000
1953.....	932,800	9,650	May.....	94,100	13,650
1954.....	1,077,300	10,625	June.....	90,900	14,350
1955.....	1,100,000	11,350	July.....	93,700	13,600
1956.....	980,700	12,225	August.....	92,000	13,775
1957.....	840,200	13,025	September.....	89,100	14,200
1958.....	932,500	12,950	October.....	89,900	14,250
1959.....	1,078,500	13,450	November.....	72,300	13,500
			December.....	52,100	14,350
			1962, January.....	53,100	14,250

Source: Department of Commerce, Bureau of the Census. Published in Department of Commerce, Business and Defense Services Administration, *Construction Review*.

**No. 1066. OCCUPIED HOUSING UNITS—PERCENT OF HOME OWNERSHIP, BY COLOR, AND REGIONS: 1950 AND 1960**

[Beginning 1960, includes Alaska and Hawaii. The unit of enumeration was dwelling unit in 1950 and housing unit in 1960; see p. 742 for difference in definition. For composition of Census regions, see fig. 1, p. XII]

TENURE	1950					1960				
	United States	North-east	North Central	South	West	United States	North-east	North Central	South	West
<b>TOTAL</b>										
Occupied housing units.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owner occupied.....	55.0	48.4	60.7	53.7	57.3	61.9	56.1	67.0	62.0	61.3
Renter occupied.....	45.0	51.6	39.3	46.3	42.7	38.1	43.9	33.0	38.0	38.7
<b>WHITE</b>										
Occupied housing units.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owner occupied.....	56.0	49.7	62.0	57.7	58.2	64.4	58.1	69.1	66.4	62.5
Renter occupied.....	43.1	50.3	38.0	42.3	41.8	35.6	41.9	30.9	33.6	37.5
<b>NONWHITE</b>										
Occupied housing units.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owner occupied.....	34.9	21.6	33.9	37.2	40.2	38.4	27.0	35.8	41.6	44.6
Renter occupied.....	65.1	78.4	66.1	62.8	59.8	61.6	73.0	64.2	58.4	55.4

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Housing: 1950*, Vol. I, and *1960*, Vol. I.

**No. 1067. VACANT HOUSING UNITS—PERCENT DISTRIBUTION BY CONDITION AND STATUS, INSIDE AND OUTSIDE STANDARD METROPOLITAN STATISTICAL AREAS: 1950 to 1962**

Beginning 1960, includes Alaska and Hawaii. 1950 figures based on complete enumeration. Beginning 1960, figures based on sample data from Current Population Survey; see Technical Note, p. 213. For definition of standard metropolitan statistical areas, see headnote, table 10; data refer to 168 SMSA's as constituted in 1950<sup>1</sup>

CONDITION AND STATUS	TOTAL				INSIDE SMSA'S		OUTSIDE SMSA'S	
	April 1950	1st quarter 1960	1st quarter 1961	1st quarter 1962	April 1950	1st quarter 1962	April 1950	1st quarter 1962
All housing units.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Year-round vacant:								
Sound or deteriorating.....	3.3	6.2	6.6	6.5	2.8	5.6	4.0	7.9
For rent.....	1.1	2.6	3.0	2.8	1.1	3.1	1.2	2.6
For sale only.....	0.5	0.6	0.7	0.7	0.5	0.6	0.4	0.9
Rented or sold, awaiting occupancy.....	1.7	0.4	0.4	0.5	1.2	0.5	2.4	0.4
Held off market <sup>1</sup> .....		2.6	2.5	2.5		1.4		4.0
Dilapidated <sup>1</sup> .....	1.1	1.2	0.9	0.9	0.4	0.5	2.0	1.4
Seasonal vacant <sup>1</sup> .....	2.5	2.8	2.7	2.6	1.1	1.0	4.0	4.7
Occupied.....	93.1	89.8	89.8	90.0	95.7	92.9	90.0	88.0

<sup>1</sup> Unoccupied units and units temporarily occupied by nonresidents (persons with usual residence elsewhere).

Source: Department of Commerce, Bureau of the Census; *Current Housing Reports*, Series H-111, Nos. 16, 20, 24, and 28.

**No. 1068. VACANCY RATES—PERCENT DISTRIBUTION, BY REGIONS, AND INSIDE AND OUTSIDE STANDARD METROPOLITAN STATISTICAL AREAS: 1950 to 1962**

[Rental vacancy rate is the relationship between vacant housing for rent and the total rental supply, which comprises renter-occupied units, vacant units already rented and awaiting occupancy, and vacant units available for rent. Home-owner vacancy rate is the relationship between vacant housing for sale and the total home-owner supply, which comprises owner-occupied units, vacant units already sold and awaiting occupancy, and vacant units available for sale. For composition of regions, see fig. I, p. XII; for definition of standard metropolitan statistical areas, see headnote, table 10; data refer to 168 SMSA's as constituted in 1950]

ITEM AND YEAR	United States <sup>1</sup>	REGIONS				Inside SMSA'S	Outside SMSA'S
		North-east	North Central	South	West <sup>1</sup>		
<b>Rental vacancy rate:</b>							
1950, April.....	2.6	1.5	1.7	3.4	4.9	2.2	3.2
1950, 1st quarter.....	6.1	3.4	7.0	8.0	6.6	4.7	8.6
1960, 1st quarter.....	7.2	4.4	7.7	8.3	9.7	6.1	9.2
1961, 1st quarter.....	8.0	4.6	8.5	8.9	11.0	7.2	9.4
1962, 1st quarter.....	7.7	4.5	9.2	8.8	8.5	7.5	8.0
<b>Home-owner vacancy rate:</b>							
1950, April.....	0.9	0.9	0.7	1.0	1.3	1.1	0.7
1950, 1st quarter.....	1.0	0.8	0.9	1.2	1.5	0.9	1.2
1960, 1st quarter.....	1.1	0.9	1.1	1.3	1.0	1.1	1.1
1961, 1st quarter.....	1.2	1.0	1.0	1.6	1.1	1.0	1.4
1962, 1st quarter.....	1.2	0.9	0.9	1.7	1.4	1.0	1.5

<sup>1</sup> Beginning 1960, includes Alaska and Hawaii.

Source: Department of Commerce, Bureau of the Census; *Current Housing Reports*, Series H-111, Nos. 16, 20, 24, and 28.

# Vacant Housing Units

757

## No. 1069. AVAILABLE VACANT HOUSING UNITS—SELECTED CHARACTERISTICS: 1960 TO 1962

[Percent distribution. First quarter figures. Beginning 1960, includes Alaska and Hawaii. See headnote, table 1068]

VACANT RENTAL UNITS	1960	1961	1962	VACANT HOMEOWNER UNITS	1960	1961	1962
Number of housing units in structure.....	100	100	100	Number of housing units in structure.....	100	100	100
1 housing unit.....	35	29	30	1 housing unit.....	93	96	92
2 to 4 housing units.....	30	36	34	2 housing units.....	6	3	5
5 housing units or more.....	20	35	36	3 housing units or more.....	1	1	3
Duration of vacancy at time of enumeration.....	100	100	100	Duration of vacancy at time of enumeration.....	100	100	100
Less than 1 month.....	28	30	28	Less than 1 month.....	16	17	12
1 to 2 months.....	13	13	13	1 to 2 months.....	11	13	9
2 to 4 months.....	18	19	16	2 to 4 months.....	24	20	21
4 months or more.....	41	38	43	4 months or more.....	49	50	58
Percent with all plumbing facilities.....	71	69	68	Percent with all plumbing facilities.....	88	87	91
Median number of rooms.....	3.4	3.2	3.2	Median number of rooms.....	5.3	5.4	5.4
Median monthly rent asked.....	\$54	\$53	\$53	Median sale price asked.....	\$13,900	\$12,500	\$12,300

Source: Department of Commerce, Bureau of the Census; *Current Housing Reports*, Series H-111, Nos. 24 and 28.

## No. 1070. VACANT RENTAL HOUSING UNITS—SELECTED CHARACTERISTICS: 1960 AND 1961

[Percent distribution. Second quarter figures. Beginning 1960, includes Alaska and Hawaii. Represents nonfarm available-for-rent vacant units. See headnote, table 1068]

CHARACTERISTICS	MONTHLY RENT ASKED, 1960						MONTHLY RENT ASKED, 1961					
	Total	Less than \$30	\$30 to \$49	\$50 to \$74	\$75 to \$99	\$100 or more	Total	Less than \$30	\$30 to \$49	\$50 to \$74	\$75 to \$99	\$100 or more
Percent of total.....	100	15	31	30	15	9	100	14	30	13	30	13
Number of rooms in unit.....	100	100	100	100	100	100	100	100	100	100	100	100
1 and 2 rooms.....	31	55	40	23	15	15	31	42	45	28	18	19
3 and 4 rooms.....	50	35	47	54	65	54	49	42	42	55	57	45
5 rooms or more.....	19	10	13	23	20	31	20	16	13	17	25	36
Number of housing units in structure.....	100	100	100	100	100	100	100	100	100	100	100	100
1 housing unit.....	27	42	27	25	18	23	28	53	23	20	24	24
2 housing units.....	21	9	21	27	26	11	20	11	21	18	25	19
3 and 4 housing units.....	19	10	18	23	22	14	16	10	18	17	18	11
5 housing units or more.....	33	39	34	25	34	47	36	26	38	36	33	46
Duration of vacancy at time of enumeration.....	100	100	100	100	100	100	100	100	100	100	100	100
Less than 1 month.....	34	22	29	30	44	37	32	16	27	36	37	38
1 to 2 months.....	14	9	13	14	17	18	14	9	14	13	15	21
2 to 4 months.....	16	10	18	15	17	19	18	14	18	16	20	22
4 months or more.....	36	59	40	32	22	26	36	61	41	35	28	19

Source: Department of Commerce, Bureau of the Census; *Current Housing Reports*, Series H-111, Nos. 21 and 25.

# **No. 1071. OCCUPIED HOUSING UNITS—TENURE, AND POPULATION PER HOUSING UNIT, BY COLOR OF OCCUPANTS, AND BY NONFARM AND FARM RESIDENCE, 1900 TO 1960**

[Beginning 1960, includes Alaska and Hawaii. Minus sign (—) denotes decrease. See also *Historical Statistics, Colonial Times to 1957*, series N 139-148]

COLOR OF OCCU- PANTS, RESI- DENCE, AND YEAR	OCCUPIED HOUSING UNITS (OR FAMILIES) <sup>1</sup>						PERCENT INCREASE OVER PRECEDING CENSUS		Popula- tion per occupied housing unit (or family) <sup>2</sup>
	Total	Reporting tenure	Owner-occupied		Renter-occupied		Total occupied housing units (or families) <sup>1</sup>	Total popula- tion	
			Number	Per- cent	Number	Per- cent			
1900-----	15,963,965	15,428,987	7,205,212	46.7	8,223,775	53.3	25.8	20.7	4.8
1910-----	20,255,555	19,781,606	9,083,711	45.9	10,697,895	54.1	26.9	21.0	4.5
1920-----	24,351,676	23,810,558	10,866,900	45.6	12,943,598	54.4	20.2	14.9	4.3
1930-----	29,904,663	29,321,891	14,002,074	47.8	15,319,817	52.2	22.8	16.1	4.1
1940-----	34,854,532	34,854,532	15,195,763	43.6	19,658,769	56.4	16.6	7.2	3.8
1950-----	42,826,281	42,826,281	23,859,066	55.0	19,266,315	45.0	22.9	14.5	3.5
1956-----	49,873,923	49,873,923	30,120,509	60.4	19,753,414	39.6	16.5	(3)	(3)
1960-----	53,023,875	53,023,875	32,796,720	61.9	20,227,155	38.1	23.8	18.5	3.4
COLOR OF OCCUPANTS									
White									
1900-----	14,063,791	13,659,106	6,788,069	49.7	6,871,037	50.3	25.0	21.2	4.8
1910-----	(3)	(3)	(3)	(3)	(3)	(3)	(3)	22.3	(3)
1920-----	21,825,654	21,379,163	10,286,267	48.1	11,092,896	51.9	(3)	16.0	4.3
1930-----	26,982,994	26,492,256	13,288,429	50.2	13,203,827	49.8	23.6	16.3	4.1
1940-----	31,551,120	31,551,120	14,418,092	45.7	17,143,034	54.3	17.0	7.2	3.7
1950-----	39,043,595	39,043,595	22,240,970	57.0	16,802,625	43.0	23.7	14.1	3.5
1956-----	45,540,563	45,540,563	28,556,958	62.7	16,983,605	37.3	16.6	(3)	(3)
1960-----	47,879,816	47,879,816	30,823,194	64.4	17,056,622	36.6	22.6	17.5	3.3
Nonwhite									
1900-----	1,900,174	1,760,881	417,143	23.6	1,352,738	76.4	32.4	17.1	4.8
1910-----	(3)	(3)	(3)	(3)	(3)	(3)	(3)	11.5	(3)
1920-----	2,526,022	2,431,395	580,693	23.9	1,850,702	76.1	(3)	6.3	4.3
1930-----	2,921,669	2,829,635	713,645	25.2	2,115,990	74.8	15.7	14.7	4.3
1940-----	3,293,406	3,293,406	777,671	23.6	2,515,735	76.4	12.7	7.7	4.1
1950-----	3,782,686	3,782,686	1,318,996	34.9	2,463,690	65.1	14.9	17.1	4.2
1956-----	4,333,360	4,333,360	1,563,551	36.1	2,769,809	63.9	14.6	(3)	(3)
1960-----	5,144,059	5,144,059	1,973,526	38.4	3,170,533	61.6	36.0	26.7	4.0
RESIDENCE									
Nonfarm									
1900-----	10,274,127	9,779,979	3,566,809	36.5	6,213,170	63.5	20.7	(3)	(3)
1910-----	14,131,945	13,672,044	5,245,380	38.4	8,426,664	61.6	37.5	(3)	(3)
1920-----	17,600,472	17,229,394	7,041,283	40.9	10,188,111	59.1	24.5	(3)	4.2
1930-----	23,300,026	22,917,072	10,549,972	46.0	12,367,100	54.0	32.4	25.0	4.0
1940-----	27,747,973	27,747,973	11,413,036	41.1	16,334,937	58.9	19.1	9.5	3.7
1950-----	37,105,259	37,105,259	19,801,646	53.4	17,303,613	46.6	33.7	25.8	3.4
1956-----	49,457,554	49,457,554	30,163,836	61.0	19,293,718	39.0	33.3	30.0	3.4
Farm <sup>4</sup>									
1900-----	5,689,838	5,649,008	3,638,403	64.4	2,010,605	35.6	19.4	(3)	(3)
1910-----	6,123,610	6,109,562	3,838,331	62.8	2,271,231	37.2	7.6	(3)	(3)
1920-----	6,751,204	6,581,164	3,825,677	58.1	2,755,487	41.0	10.2	(3)	4.7
1930-----	6,604,637	6,404,819	3,452,102	53.9	2,952,717	46.1	-2.2	-4.6	4.6
1940-----	7,105,559	7,106,559	3,782,727	53.2	3,323,832	46.8	7.6	0.2	4.3
1950-----	5,721,022	5,721,022	3,758,320	65.7	1,962,702	34.3	-19.5	-23.7	4.0
1960-----	3,566,321	3,566,321	2,032,884	73.8	933,437	26.2	-37.7	-41.7	3.8

<sup>1</sup> The unit of enumeration was dwelling unit in 1940 and 1950 and housing unit in 1960; see p. 742 for difference in definition. For 1900 and 1930, count of families represents private families only; for 1910 and 1920, includes small number of quasi-family groups which were counted as families.

<sup>2</sup> Since population in private families was not tabulated separately for all years, population per occupied housing unit (or family) is based on total population (including population in quasi-households). See table 7, pp. 10, 11.

<sup>3</sup> Not available.

<sup>4</sup> For 1900 to 1920, "Farm" contains a small proportion of urban-farm families in addition to the rural-farm families. For changes in definition of "Farm," see "Farm and nonfarm residence," pp. 1, 2.

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Housing: 1950*, Vol. I, and 1960, Vol. I; and 1966 *National Housing Inventory*.



## No. 1072. HOUSING UNITS—SELECTED CHARACTERISTICS, BY STATES: 1960

[For definition of median, see headnote, table 18]

STATE	ALL HOUSING UNITS				OCCUPIED HOUSING UNITS					AVAILABLE VACANT HOUSING UNITS, RATE	
	Total (1,000)	Percent—		Dilapi- dated or lacking one or more plumb- ing fa- cilities	Total (1,000)	Percent—		Medians		Home- owner vacan- cy <sup>2</sup>	Rental vacan- cy <sup>3</sup>
		With all plumbing facilities <sup>1</sup>	Deteri- orating			Owner occu- pied	Occu- pied by non- white	Room	Per- sons		
United States .....	58,326	74.0	7.8	18.2	53,024	61.9	9.7	4.9	3.0	1.6	6.7
New England .....	3,522	78.7	7.6	13.7	3,116	59.1	2.3	5.2	3.0	1.4	5.4
Maine .....	365	61.2	7.2	31.5	280	66.5	0.4	5.4	3.0	1.6	6.8
N. H. ....	224	72.9	8.7	18.4	180	65.1	0.3	5.3	2.9	1.7	6.1
Vt. ....	136	68.4	10.7	20.9	111	66.0	0.1	5.8	3.0	1.5	6.2
Mass. ....	1,091	81.1	8.0	11.0	1,535	55.9	2.3	5.3	3.0	1.2	5.0
R. I. ....	287	78.7	6.6	14.7	257	54.5	2.6	5.1	2.9	1.2	6.6
Conn. ....	819	84.8	6.7	8.6	753	61.9	3.8	5.1	3.1	1.5	5.0
Middle Atlantic .....	11,277	81.2	8.4	10.4	10,406	55.2	7.7	5.1	2.9	1.2	3.8
N. Y. ....	5,696	81.3	8.9	9.8	5,249	44.8	8.3	4.7	2.8	1.2	3.2
N. J. ....	1,999	85.2	7.0	7.9	1,806	61.3	7.5	5.2	3.1	1.3	3.9
Pa. ....	3,582	78.8	8.5	12.7	3,351	68.3	7.0	5.6	3.0	1.1	5.5
East North Central .....	11,658	77.1	7.8	15.1	10,711	66.7	7.2	5.1	3.0	1.4	6.7
Ohio .....	3,041	77.6	8.2	14.2	2,853	67.4	7.3	5.3	3.0	1.5	6.6
Ind. ....	1,503	73.0	8.4	18.5	1,388	71.1	6.1	4.9	3.0	1.3	7.0
Ill. ....	3,276	78.0	7.4	14.6	3,085	57.8	9.4	4.9	2.9	1.2	5.6
Mich. ....	2,649	78.7	8.1	13.2	2,239	74.4	8.4	5.3	3.1	1.5	9.7
Wis. ....	1,289	75.0	6.9	18.1	1,140	68.0	1.8	5.3	3.0	1.2	5.4
West North Central .....	5,140	68.6	8.0	23.3	4,668	67.8	3.7	5.0	2.8	1.3	6.7
Minn. ....	1,110	70.5	6.4	23.1	992	72.1	1.0	5.2	3.0	1.1	6.0
Iowa .....	905	69.8	9.2	21.0	841	69.1	0.9	5.4	2.8	1.0	5.4
Mo. ....	1,491	65.8	7.3	26.9	1,360	64.3	8.2	4.7	2.7	1.6	7.1
N. Dak. ....	195	60.6	5.6	33.8	173	68.4	1.3	5.1	3.3	1.4	5.3
S. Dak. ....	216	61.5	7.0	31.0	195	67.2	2.4	5.2	3.1	1.1	5.6
Neb. ....	473	72.3	9.1	18.6	433	64.8	2.1	5.1	2.8	1.1	6.0
Kans. ....	740	71.9	10.6	17.5	673	68.9	3.9	5.1	2.8	1.6	9.4
South Atlantic .....	8,033	67.2	6.4	26.4	7,267	61.0	19.0	4.9	3.1	1.9	7.6
Del. ....	144	80.4	6.5	13.2	129	66.9	12.2	5.7	3.1	1.9	8.5
Md. ....	935	81.4	6.7	11.8	863	64.5	14.3	5.5	3.2	1.8	6.2
D. C. ....	263	84.9	6.4	8.7	252	30.0	44.1	4.0	2.3	1.0	4.4
Va. ....	1,169	60.2	5.6	28.2	1,073	61.3	17.6	5.1	3.2	1.6	6.9
W. Va. ....	574	56.7	9.2	34.1	521	64.3	4.5	5.1	3.2	1.2	7.9
N. C. ....	1,323	57.1	6.4	36.5	1,205	60.1	20.8	4.9	3.3	1.1	6.4
S. C. ....	678	54.3	6.4	39.4	604	57.3	20.3	4.8	3.4	1.3	7.7
Ga. ....	1,170	58.4	6.7	34.9	1,070	56.2	24.6	4.8	3.2	1.6	5.9
Fla. ....	1,777	78.3	5.6	16.1	1,550	67.5	14.5	4.7	2.6	3.5	12.7
East South Central .....	3,696	53.0	6.7	40.3	3,307	61.8	19.5	4.7	3.2	1.3	6.3
Ky. ....	926	53.4	6.0	40.6	852	64.3	7.1	4.8	3.1	1.2	6.9
Tenn. ....	1,084	57.2	7.0	35.8	1,003	63.7	14.7	4.8	3.1	1.5	6.2
Ala. ....	967	53.5	7.1	39.4	884	59.7	25.8	4.8	3.2	1.6	6.3
Miss. ....	629	44.5	6.6	48.9	568	57.7	36.5	4.6	3.2	1.0	4.8
West South Central .....	5,534	64.8	9.3	25.9	4,929	63.7	14.9	4.7	3.0	2.0	9.6
Ark. ....	587	48.2	7.4	44.4	524	61.4	18.6	4.5	2.9	1.4	6.1
La. ....	978	60.9	8.1	31.0	892	59.0	28.4	4.5	3.2	1.8	7.2
Okla. ....	816	66.0	11.2	22.8	735	67.0	8.0	4.7	2.7	1.6	9.6
Tex. ....	3,153	68.8	9.6	21.6	2,778	64.8	11.7	4.7	3.0	2.2	11.1
Mountain .....	2,227	74.9	9.0	16.1	1,976	65.2	3.8	4.6	3.1	1.8	9.1
Mont. ....	233	68.1	10.1	21.9	202	64.0	2.3	4.5	2.9	1.4	9.3
Idaho. ....	224	72.6	10.9	16.5	194	70.5	1.1	4.7	3.1	1.5	9.5
Wyo. ....	113	72.0	10.5	17.5	99	62.2	1.6	4.5	3.0	1.2	8.0
Colo. ....	595	76.4	8.2	15.4	529	63.8	2.7	4.8	2.9	1.7	8.1
N. Mex. ....	282	69.5	8.2	22.3	251	65.3	5.7	4.5	3.4	1.6	9.2
Ariz. ....	416	76.2	8.4	15.4	367	63.9	7.7	4.5	3.1	2.4	10.8
Utah. ....	263	81.9	10.1	8.0	242	71.7	1.6	4.8	3.4	1.9	8.7
Nev. ....	102	80.9	7.7	11.4	92	56.3	5.7	4.2	2.6	1.7	8.4
Pacific .....	7,331	83.9	7.6	8.5	6,645	60.2	7.4	4.7	2.7	2.1	8.8
Wash. ....	1,010	78.4	9.8	11.8	894	68.5	2.9	4.9	2.7	1.8	11.1
Oreg. ....	623	76.6	11.1	12.2	558	69.3	1.7	4.9	2.7	1.6	9.2
Calif. ....	5,466	80.6	6.7	6.8	4,982	58.4	7.0	4.7	2.7	2.2	8.5
Alaska. ....	67	57.7	9.3	32.9	57	48.3	16.3	3.7	3.1	1.8	6.8
Hawaii. ....	166	69.6	10.2	20.2	153	41.1	64.1	4.5	3.7	1.1	4.1

<sup>1</sup> Includes hot and cold running water inside the structure and flush toilet and bathtub or shower inside the structure for exclusive use of the people in the unit.

<sup>2</sup> Base is total of units occupied by owners and available vacant units for sale.

<sup>3</sup> Base is total of units occupied by renters and available vacant units for rent.

Sources: Department of Commerce, Bureau of the Census; *U.S. Census of Housing: 1960*, Vol. I.

# No. 1073. HOUSING UNITS—TENURE, CONDITION AND PLUMBING, ROOMS, AND PERSONS PER ROOM: 1960

[Includes Alaska and Hawaii]

ITEM	Total units	Units occupied by nonwhite persons	ITEM	Total units	Units occupied by nonwhite persons
All housing units.....	58,323,672	( <sup>1</sup> )	ROOMS		
TENURE AND VACANCY STATUS			Units with 1 room.....	1,829,727	243,277
Owner-occupied units.....	32,796,087	1,974,218	Units with 2 rooms.....	2,800,177	468,204
Percent of all occupied.....	61.9	38.3	Units with 3 rooms.....	7,074,499	1,009,211
Renter-occupied units.....	20,224,974	3,178,440	Units with 4 rooms.....	12,399,003	1,343,164
Available vacant units.....	1,974,018	( <sup>1</sup> )	Units with 5 rooms.....	14,204,911	1,013,816
For rent.....	1,453,133	( <sup>1</sup> )	Units with 6 rooms.....	11,028,401	705,234
For sale only.....	521,785	( <sup>1</sup> )	Units with 7 rooms.....	4,949,091	244,680
Other vacant.....	3,327,693	( <sup>1</sup> )	Units with 8 or more rooms.....	4,036,963	185,150
CONDITION AND PLUMBING			Median rooms per unit.....	4.9	4.2
Sound.....	46,914,583	2,797,274	PERSONS		
With all plumbing facilities.....	42,605,333	2,217,045	Units with 1 person.....	7,405,473	811,082
Lacking only hot water.....	504,450	580,229	Units with 2 persons.....	14,883,515	1,194,484
Lacking private toilet or bath or running water.....	3,804,800	1,470,261	Units with 3 persons.....	9,778,343	820,085
Deteriorating.....	8,384,162	626,990	Units with 4 persons.....	9,117,768	676,528
With all plumbing facilities.....	4,766,330	843,271	Units with 5 persons.....	5,816,521	519,328
Lacking only hot water.....	353,127	885,133	Units with 6 or more persons.....	6,019,441	1,121,330
Lacking private toilet or bath or running water.....	3,264,705		Median persons per unit.....	2.9	3.2
Dilapidated.....	3,024,927		PERSONS PER ROOM		
			Units with 0.50 or less.....	22,312,130	1,591,010
			Units with 0.51 to 1.00.....	24,578,624	2,104,086
			Units with 1.01 or more.....	6,130,307	1,457,622

<sup>1</sup> Not available.

Source: Department of Commerce, Bureau of the Census; *Congressional District Data Book (Districts of the 87th Congress)*, 1961.

# No. 1074. LOW-RENT DWELLING UNITS SUPERVISED BY THE PUBLIC HOUSING ADMINISTRATION, BY PROGRAM: 1950 to 1961

[As of December 31. Includes Alaska, Hawaii, Puerto Rico, and Virgin Islands]

PROGRAM	1950 <sup>1</sup>	1955 <sup>1</sup>	1959	1960	1961		
					Total	Federally owned	Locally owned
Total.....	302,146	489,744	585,212	593,286	624,094	1,974	622,120
CONSTRUCTION STATUS							
Under management.....	201,736	413,558	465,231	478,163	498,367	1,974	496,393
Under construction.....	31,807	21,059	23,886	30,360	47,937		47,937
Not yet under construction.....	68,903	55,127	96,095	78,773	77,790		77,790
PROGRAM							
Public Law 171.....	101,657	270,335	374,304	385,924	416,832		416,832
Public Law 412.....	118,649	117,049	116,979	114,170	114,191		114,191
Public Law 671.....	50,594	49,356	47,410	46,843	46,820	209	46,611
Public Works Administration.....	21,640	21,360	21,063	21,063	21,067	1,182	19,885
Farm labor camps.....	9,606	9,037	9,583	583	583	583	
Public Law 476.....		22,607	24,783	24,703	24,601		24,601

<sup>1</sup> Excludes units which have been sold to mutual housing associations, limited dividend corporations (PWA), and homestead associations on which PHA has mortgages for collection.

Source: Housing and Home Finance Agency, Public Housing Administration; *Annual Report*.

# No. 1075. CONTRACT AND GROSS MONTHLY RENT OF RENTER-OCCUPIED NONFARM HOUSING UNITS: 1940 TO 1960

[In thousands. Beginning 1960, includes Alaska and Hawaii. Contract monthly rent is the rent at the time of enumeration, as contracted for by the renter, regardless of whether it includes furniture, heating fuel, electricity, cooking fuel, water, or other services sometimes supplied. Gross monthly rent is contract monthly rent plus the reported average monthly cost of utilities (electricity, gas, water) and other fuels (such as coal, oil, kerosene, and wood) if these items were paid for by the renter in addition to contract monthly rent. In 1940 and 1950, if furniture was included in the contract rent, the reported estimated rent of the housing unit without furniture was used for the computation rather than the contract rent]

ITEM	1940		1950		1960	
	Number	Percent	Number	Percent	Number	Percent
Total housing units.....	16,335		17,304		19,294	
CONTRACT MONTHLY RENT						
Number reporting.....	16,178	100.0	15,503	100.0	17,908	100.0
Less than \$20.....	7,320	45.2	2,803	18.1	936	5.2
\$20 to \$29.....	3,853	23.8	3,047	19.7	1,465	8.2
\$30 to \$39.....	2,526	15.6	3,178	20.5	2,000	11.2
\$40 to \$49.....	1,300	8.0	2,577	16.6	5,052	28.2
\$50 to \$59.....	570	3.5	1,603	10.3		
\$60 to \$69.....	491	3.0	1,031	12.5	4,441	24.8
\$70 to \$79.....					2,134	11.9
\$80 to \$89.....					1,879	10.5
\$90 to \$99.....						
\$100 or more.....	118	0.7	363	2.3		
Median rent.....	\$22		\$36		\$58	
No cash rent.....	(2)	(2)	1,257		1,386	
Not reported.....	157		543		(3)	(3)
GROSS MONTHLY RENT						
Number reporting.....	15,144	100.0	15,190	100.0	17,908	100.0
Less than \$20.....	4,753	31.4	1,374	9.0	320	1.8
\$20 to \$29.....	3,006	23.8	2,176	14.3	736	4.1
\$30 to \$39.....	3,029	20.0	3,123	20.6	1,221	6.8
\$40 to \$49.....	1,967	13.0	3,105	20.4	1,755	9.8
\$50 to \$59.....	925	6.1	2,302	15.2	2,245	12.5
\$60 to \$69.....	741	4.9	2,681	17.7	2,555	14.3
\$70 to \$79.....					2,350	13.1
\$80 to \$89.....					3,490	19.5
\$90 to \$99.....					1,693	9.5
\$100 to \$119.....	123	0.8	429	2.8	1,544	8.6
\$120 or more.....						
Median rent.....	\$27		\$42		\$71	
No cash rent.....	1,191		2,114		1,386	

<sup>1</sup> Includes units for which no cash rent was reported, distributed among the value classes on the basis of estimated monthly rental value for similar units in the neighborhood. <sup>2</sup> Not applicable; see footnote 1.

<sup>3</sup> During tabulation, an allocation procedure was used to assign entries for units not reporting rent.

<sup>4</sup> Includes units not reporting rental amount.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, 1940, *Housing*, Vol. III, and *U.S. Census of Housing: 1960*, Vol. I.

# No. 1076. VALUE OF OWNER-OCCUPIED NONFARM HOUSING UNITS: 1950 AND 1960

[In thousands. Beginning 1960, includes Alaska and Hawaii. Data restricted to 1-housing-unit structures without business and with only 1 housing unit in property. Value represents the amount which the owner-occupant estimated that the property, including the structure and its land, would sell for under ordinary conditions and not at forced sale. For definition of median, see headnote, table 18]

VALUE CLASS	1950		VALUE CLASS <sup>1</sup>	1960	
	Number	Percent		Number	Percent
Total housing units.....	15,878		Total housing units.....	26,172	
Number reporting.....	14,074	100.0	Owner occupied.....	26,172	100.0
Less than \$4,000.....	3,117	20.8	Less than \$5,000.....	3,182	12.2
\$4,000 to \$5,999.....	2,392	16.0	\$5,000 to \$7,499.....	3,201	12.2
\$6,000 to \$9,999.....	4,781	31.6	\$7,500 to \$9,999.....	3,546	13.5
\$10,000 to \$14,999.....	2,995	20.0	\$10,000 to \$12,499.....	4,095	15.6
\$15,000 to \$19,999.....	1,008	6.7	\$12,500 to \$14,999.....	3,538	13.5
\$20,000 or more.....	731	4.9	\$15,000 to \$17,499.....	2,841	10.9
Median value.....	\$7,400		\$17,500 to \$19,999.....	1,882	7.2
Not reported.....	905		\$20,000 to \$24,999.....	1,900	7.3
			\$25,000 to \$34,999.....	1,227	4.7
			\$35,000 or more.....	762	2.9
			Median value.....	\$11,900	

<sup>1</sup> 1960 data collected on basis of intervals rounded to nearest \$100 (\$5,000 to \$7,400, \$7,500 to \$9,900, etc.).

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Housing: 1960*, Vol. I.

# No. 1077. MARKET VALUE, MORTGAGE DEBT, AND INTEREST RATE OF MORTGAGED OWNER-OCCUPIED NONFARM PROPERTIES: 1890 TO 1960

[1900 includes Alaska and Hawaii. For definition of median, see headnote, table 18]

ITEM	ALL PROPERTIES		PROPERTIES WITH ONE DWELLING UNIT		
	1890	1920	1940	1950	1960
<b>MARKET VALUE AND OUTSTANDING MORTGAGE DEBT</b>					
Total number of properties.....1,000..	810	2,855	4,026	7,052	14,454
Number reporting value and debt.....do..		2,736	3,745	7,027	14,444
Total value.....\$1,000,000..	2,632	14,099	16,490	65,014	220,584
Total debt.....do..	1,047	6,000	8,634	28,566	108,092
Average value.....dollars..	3,250	4,938	4,403	9,219	15,261
Median value.....do..				8,516	13,900
Average debt.....do..	1,293	2,102	2,305	4,051	7,408
Ratio of debt to value, median.....				43	63
<b>INTEREST RATE ON FIRST MORTGAGE LOAN (percent distribution)</b>					
Total properties.....	100.0	100.0	100.0	100.0	100.0
Less than 4.0 percent.....			0.8	2.0	0.8
4.0 percent.....			1.8	24.5	10.0
4.1 to 4.4 percent.....	1.7	2.0	0.1	0.4	3.0
4.5 percent.....			17.3	20.1	24.2
4.6 to 4.9 percent.....			(2)	0.1	2.5
5.0 percent.....	11.0	8.3	19.8	22.4	15.1
5.1 to 5.9 percent.....	2.3	5.9	7.7	2.7	16.3
6.0 percent.....	44.3	58.1	44.6	24.8	22.4
6.1 to 6.9 percent.....	1.4	1.7	1.0	0.4	2.4
7.0 percent.....	11.5	12.1	4.2	1.0	
7.1 to 7.9 percent.....	1.0	0.5	0.3	0.2	2.4
8.0 percent or more.....	26.8	11.3	2.5	1.3	
Median interest rate.....	6.0	6.0	6.0	5.0	5.0

<sup>1</sup> Estimated from midpoints of distribution. <sup>2</sup> Less than 0.05 percent.

Source: Prior to 1950, Ratcliff, Rathbun, and Ronnold, *Residential Finance, 1950*, John Wiley and Sons, New York, N.Y.; thereafter, Department of Commerce, Bureau of the Census, *U.S. Census of Housing: 1950*, Vol. IV, and 1960, Vol. V.

## No. 1078. MORTGAGE STATUS OF NONFARM OWNER-OCCUPIED DWELLING UNITS: 1890 TO 1960

[1960 includes Alaska and Hawaii and relate to 1- to 4-dwelling unit properties. For 1940 and 1950, mortgage statistics are for owner-occupied dwelling units in 1- to 4-dwelling unit structures without business. An owner-occupied dwelling unit was reported as mortgaged if property on which it was located had an indebtedness in form of a mortgage or deed of trust, or if occupants had contract to purchase property. For 1920 and earlier, mortgage data are for owner-occupied units in all types of structures. Although types of units for which mortgage data were reported are not the same for all censuses, differences are not large enough to invalidate comparisons. See also *Historical Statistics, Colonial Times to 1967*, series N 190-194]

CENSUS YEAR	Total owner-occupied dwelling units	Reporting mortgage status	MORTGAGED		Not mortgaged
			Number	Percent	
1890.....	2,923,671	2,923,671	809,933	27.7	2,113,738
1900.....	3,566,809	3,394,967	1,086,605	32.0	2,308,362
1910.....	5,245,380	5,109,916	1,701,062	33.3	3,408,854
1920.....	7,041,283	6,867,546	2,735,668	39.8	4,131,878
1930.....	10,549,972	(1)	(1)	(1)	(1)
1940.....	11,413,036	10,611,259	4,804,778	45.3	5,806,481
1950.....	19,801,646	17,795,844	7,825,116	44.0	9,970,728
Urban.....	14,376,594	13,296,133	6,429,743	48.4	6,866,390
Rural nonfarm.....	5,425,052	4,499,711	1,395,373	31.0	3,104,338
1960.....	27,862,329	27,862,329	15,816,132	56.8	12,046,197

<sup>1</sup> Not available.

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Housing: 1960*, Vol. I, and 1960, Vol. V.

**No. 1079. MORTGAGED OWNER-OCCUPIED NONFARM PROPERTIES—PERCENT DISTRIBUTION BY TYPE OF LOAN AND MARKET VALUE, AND DOWNPAYMENT AS PERCENT OF PURCHASE PRICE: 1950 AND 1960**

[1960 includes Alaska and Hawaii. Covers owner-occupied single-family nonfarm mortgaged properties]

ITEM	TOTAL		FEDERAL HOUSING ADMINISTRATION		VETERANS ADMINISTRATION		CONVENTIONAL	
	1950	1960	1950	1960	1950	1960	1950	1960
Mortgaged properties.....	100	100	17	18	15	23	69	58
Outstanding debt.....	100	100	24	21	22	27	55	52
Market value.....	100	100	100	100	100	100	100	100
Less than \$6,000.....	26	25	4	18	18	19	32	30
\$6,000 to \$9,999.....	37	31	46	42	47	40	32	24
\$10,000 to \$14,999.....	25	25	38	28	5	32	8	21
\$15,000 to \$19,999.....	8	19	8	12	1	8	6	25
\$20,000 or more.....	5		3					
Downpayment as percent of purchase price.....	100	100	100	100	100	100	100	100
0 percent.....	15	11	12	5	33	21	10	8
1 to 10 percent.....	12	21	18	28	22	34	6	10
11 to 20 percent.....	19	21	30	32	22	25	14	14
21 to 30 percent.....	16	16	20	17	12	10	17	19
31 to 40 percent.....	15	15	12	13	6	5	19	22
41 or more.....	23	16	8	5	5	5	34	27
Median.....	23	19	17	15	9	9	32	30

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Housing: 1950*, Vol. IV, and *1960*, Vol. V.

**No. 1080. MORTGAGE DEBT OUTSTANDING, BY TYPE OF PROPERTY AND HOLDER: 1940 TO 1961**

[In billions of dollars. As of December 31. Includes Alaska and Hawaii]

YEAR	ALL PROPERTIES			NONFARM				FARM		
	All holders	Finan- cial insti- tutions <sup>1</sup>	Other holders	All holders	1- to 4-family houses		Multi-family and commercial properties <sup>2</sup>		All holders	Finan- cial insti- tutions <sup>1</sup>
					Total	Finan- cial insti- tutions <sup>1</sup>	Total	Finan- cial insti- tutions <sup>1</sup>		
1940.....	36.5	19.5	16.9	30.0	17.4	10.2	12.6	7.8	6.5	1.5
1945.....	35.5	21.0	14.5	30.8	18.6	12.2	12.2	7.4	4.8	1.3
1950.....	72.8	51.7	21.1	66.7	45.2	35.4	21.6	14.0	6.1	2.3
1952.....	91.4	66.9	24.5	84.2	58.5	46.8	25.7	17.2	7.3	2.8
1953.....	101.3	75.1	26.3	93.6	66.1	53.6	27.5	18.5	7.8	3.0
1954.....	113.7	85.7	28.0	105.4	75.7	62.5	29.7	19.9	8.3	3.3
1955.....	129.9	99.3	30.6	120.9	88.2	73.8	32.6	21.8	9.1	3.6
1956.....	144.5	111.2	33.3	134.6	99.0	83.4	35.6	23.9	9.9	3.9
1957.....	156.6	119.7	36.9	146.1	107.6	89.9	38.5	25.8	10.5	4.0
1958.....	171.9	131.5	40.5	160.7	117.7	98.5	43.0	28.8	11.3	4.2
1959.....	190.9	145.5	45.4	178.8	130.9	109.2	47.9	31.9	12.2	4.5
1960.....	206.2	157.6	48.6	193.1	141.3	117.9	51.8	35.0	13.1	4.7
1961 (prol.).....	224.3	172.5	51.8	210.0	153.4	129.1	56.6	38.4	14.2	5.0

<sup>1</sup> Comprises commercial banks (including nondeposit trust companies but not trust departments), mutual savings banks, life insurance companies, and savings and loan associations.

<sup>2</sup> Derived figures, which include negligible amount of farm loans held by savings and loan associations.

Source: Board of Governors of the Federal Reserve System. Figures published currently in *Federal Reserve Bulletin*.

# No. 1081. MORTGAGE ACTIVITY OF LIFE INSURANCE COMPANIES AND SAVINGS AND LOAN ASSOCIATIONS: 1940 TO 1961

[In millions of dollars. Includes Alaska and Hawaii. Savings and loan associations data also include Puerto Rico and Guam]

ITEM	1940	1945	1950	1955	1957	1958	1959	1960	1961
<b>LIFE INSURANCE COMPANIES</b>									
Loans acquired.....		976	4,894	6,623	5,230	5,277	5,970	6,086	6,722
Nonfarm.....			4,532	6,108	4,823	4,839	5,472	5,622	6,169
FHA insured.....			1,486	971	653	1,301	1,549	1,401	1,377
VA guaranteed.....			938	1,839	831	195	201	291	223
Other.....			2,108	3,298	3,339	3,343	3,722	3,930	4,569
Farm.....			362	515	407	438	498	404	553
Loans outstanding (end of year).....	5,072	6,636	16,102	20,445	35,236	37,062	39,197	41,771	44,241
Nonfarm.....	5,073	5,860	14,775	27,172	32,652	34,895	36,353	38,789	41,070
FHA insured.....	668	1,394	4,573	6,395	6,751	7,443	8,273	9,032	9,664
VA guaranteed.....			2,026	6,074	7,721	7,433	7,080	6,901	6,552
Other.....	4,405	4,466	8,176	14,703	18,180	19,619	20,994	22,855	24,864
Farm.....	899	776	1,827	2,273	2,584	2,667	2,844	2,982	3,171
<b>SAVINGS AND LOAN ASSOCIATIONS</b>									
Loans made <sup>1</sup> .....	1,200	1,913	5,237	11,255	10,160	12,182	15,151	14,304	17,364
New construction.....	399	181	1,767	3,984	3,484	4,050	5,201	4,678	5,081
Home purchase.....	426	1,368	2,246	5,165	4,591	5,172	6,613	6,132	7,207
Loans outstanding (end of year) <sup>2</sup> .....	4,125	5,376	13,657	31,408	40,007	45,627	53,141	60,070	68,833
FHA insured.....			848	1,404	1,643	2,206	2,995	3,524	4,167
VA guaranteed.....			2,973	5,883	7,011	7,077	7,186	7,222	7,162
Conventional <sup>2</sup> .....			9,836	24,121	31,353	36,344	42,960	49,324	57,514

<sup>1</sup> Includes loans for other purposes (for repair, additions and alterations, refinancing, etc.).

<sup>2</sup> Beginning 1958, includes shares pledged against mortgage loans.

Source: Board of Governors of the Federal Reserve System. Figures published currently in *Federal Reserve Bulletin*.

# No. 1082. NONFARM MORTGAGES RECORDED—MORTGAGES OF \$20,000 OR LESS, BY TYPE OF MORTGAGEE: 1940 TO 1961

[Numbers in thousands; money figures in millions of dollars, except averages. Excludes Alaska and Hawaii. Estimates based on recordings in 450 counties and similar political subdivisions, which contain over one-half of the 1- to 4-family nonfarm dwelling units. See also *Historical Statistics, Colonial Times to 1967*, series N 173-178]

MORTGAGEE	1940	1945	1950	1955	1957	1958	1959	1960	1961
<b>NUMBER</b>									
Total.....	1,456	1,639	3,032	3,913	3,246	3,441	3,782	3,472	3,529
Savings and loan associations.....	503	575	935	1,373	1,122	1,213	1,378	1,260	1,366
Insurance companies.....	68	47	227	191	134	126	125	105	90
Commercial banks.....	316	299	628	783	587	668	704	574	610
Mutual savings banks.....	45	52	165	210	153	165	171	149	162
Individuals.....	340	490	610	726	736	692	757	766	686
Miscellaneous mortgagees.....	184	187	466	631	514	577	647	628	631
<b>AMOUNT</b>									
Total.....	4,031	5,650	16,179	28,484	24,244	27,388	32,235	29,341	31,157
Average amount.....dol.....	2,769	3,448	5,335	7,279	7,469	7,959	8,522	8,451	8,829
Savings and loan associations.....	1,284	2,017	5,000	10,452	9,217	10,516	13,094	12,158	13,662
Insurance companies.....	334	250	1,618	1,932	1,472	1,460	1,523	1,313	1,150
Commercial banks.....	1,006	1,097	3,365	5,017	4,204	5,204	5,832	4,520	4,997
Mutual savings banks.....	170	217	1,064	1,858	1,420	1,640	1,780	1,557	1,741
Individuals.....	640	1,402	2,209	3,362	3,554	3,435	3,946	4,001	3,642
Miscellaneous mortgagees.....	598	606	2,774	5,265	4,307	5,133	6,060	5,787	5,956

Source: Federal Home Loan Bank Board.

# Mortgage Activity

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## No. 1083. MORTGAGE LOANS ON ONE- TO FOUR-FAMILY NONFARM HOMES— ESTIMATED BALANCE OUTSTANDING, BY TYPE OF MORTGAGEE: 1945 to 1961

[In millions of dollars. Includes Alaska and Hawaii. Represents estimates on basis of recent surveys and more detailed analyses of mortgage holdings. See also *Historical Statistics, Colonial Times to 1967*, series N 161, for total]

MORTGAGEE	1945	1950	1954	1955	1956	1957	1958	1959	1960	1961 (prel.)
<b>Total</b>	<b>18,591</b>	<b>45,170</b>	<b>75,677</b>	<b>88,250</b>	<b>99,037</b>	<b>107,617</b>	<b>117,686</b>	<b>130,854</b>	<b>141,288</b>	<b>153,488</b>
Savings and loan associations	5,156	13,116	25,004	30,001	34,004	37,906	42,890	49,536	55,386	62,957
Life insurance companies	2,306	8,478	15,153	17,061	20,130	21,441	22,374	23,683	24,879	26,122
Mutual savings banks	1,894	4,312	9,002	11,100	12,990	14,110	15,640	16,887	18,309	20,022
Commercial banks	2,875	9,481	13,300	15,075	16,245	16,385	17,028	19,200	19,242	20,100
Home Owners' Loan Corporation	852	10								
Federal National Mortgage Association	7	1,833	2,328	2,443	2,808	3,777	3,580	4,953	5,596	5,413
Individuals and others	5,501	8,440	10,890	11,970	12,800	13,908	15,874	16,096	17,876	18,874

Source: Federal Home Loan Bank Board; *Savings and Home Financing Source Book*.

## No. 1084. RESIDENTIAL LOANS UNDERWRITTEN BY FHA AND VA: 1940 TO 1961

[In millions of dollars. Includes Alaska and Hawaii. FHA-insured loans represent gross amount of insurance written; VA-guaranteed loans, gross amount of loans closed. Figures do not take account of principal repayments on previously insured or guaranteed loans. For VA-guaranteed loans, amounts by type are derived from data on number and average amount of loans closed. See also *Historical Statistics, Colonial Times to 1967*, series N 179-185]

ITEM	1940	1945	1950	1955	1957	1958	1959	1960	1961
<b>FHA-insured loans</b>	<b>991</b>	<b>665</b>	<b>4,343</b>	<b>3,807</b>	<b>3,715</b>	<b>6,349</b>	<b>7,694</b>	<b>6,293</b>	<b>6,546</b>
Home mortgages:									
New properties	588	257	1,637	1,269	880	1,666	2,563	2,197	1,783
Existing properties	175	217	856	1,810	1,371	2,885	3,507	2,403	2,982
Project type mortgages	18	20	1,157	76	595	929	628	711	926
Property improvement loans <sup>1</sup>	216	171	694	640	869	868	997	982	855
<b>VA-guaranteed loans<sup>2</sup></b>		<b>192</b>	<b>3,072</b>	<b>7,156</b>	<b>3,761</b>	<b>1,865</b>	<b>2,787</b>	<b>1,985</b>	<b>1,829</b>
Home mortgages:									
New properties			1,865	4,532	2,890	1,311	2,051	1,554	1,170
Existing properties			1,202	2,564	863	549	730	428	656

<sup>1</sup> Not ordinarily secured by mortgages.

<sup>2</sup> Includes a small amount of alteration and repair loans, not shown separately; only such loans in amounts of more than \$1,000 need be secured.

Source: Board of Governors of the Federal Reserve System. Figures published currently in *Federal Reserve Bulletin*.

## No. 1085. PERCENT DISTRIBUTION OF HOME LOANS GUARANTEED BY VA, BY PURCHASE PRICE, MORTGAGE MATURITY, AND DOWNPAYMENT STATUS: 1955 TO 1961

[Includes data for all veterans, regardless of place of residence. Based on complete count of loans]

PURCHASE PRICE, MATURITY, AND DOWNPAYMENT STATUS	NEW HOMES				EXISTING HOMES			
	1955	1959	1960	1961	1955	1959	1960	1961
<b>PURCHASE PRICE</b>								
All price ranges	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than \$8,000	2.1	0.2	0.1	0.1	18.4	14.8	15.7	10.7
\$8,000 to \$9,999	15.0	3.8	1.8	1.9	20.3	15.6	17.1	14.6
\$10,000 to \$11,999	20.8	14.5	11.5	12.4	22.2	17.4	18.4	17.9
\$12,000 to \$14,999	38.4	44.2	39.1	39.6	23.7	24.9	25.4	28.0
\$15,000 to \$19,999	13.0	31.2	39.8	42.3	12.1	20.6	18.0	22.7
\$20,000 and over	1.7	6.1	7.7	6.7	3.8	6.7	5.4	6.1
Average purchase price	\$12,476	\$14,503	\$15,327	\$15,236	\$11,343	\$12,609	\$12,238	\$12,841
<b>MORTGAGE MATURITY</b>								
All maturities	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 25 years	5.3	1.7	1.4	1.0	50.5	43.4	43.0	27.3
25 years	32.7	5.1	3.9	2.8	37.6	30.8	31.3	29.2
26 to 30 years	62.0	93.2	94.7	96.2	11.9	25.8	25.7	43.5
<b>DOWNPAYMENT STATUS</b>								
All loans	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
With downpayments	46.6	34.3	30.2	24.1	80.3	77.1	66.5	54.4
With no downpayments	53.4	65.7	69.8	75.9	19.7	22.9	33.5	45.6

Source: Veterans Administration.

### No. 1086. FINANCIAL CHARACTERISTICS OF HOME LOANS GUARANTEED BY VA, BY MONTHLY INCOME OF PURCHASERS: 1961

[Includes data for all veterans, regardless of place of residence. Based on a 10-percent sample of loan applications submitted to VA for prior approval during the first half of the year, and increased to a 20-percent sample the last half of the year. Prior approval loans constitute about 79 percent of the total. The remaining loans, made by supervised lenders on an automatic basis, do not contain data on income and liquid assets of the purchasers.]

ITEM	All incomes	MONTHLY INCOME (AFTER TAXES)				
		Less than \$300	\$300 to \$399	\$400 to \$499	\$500 to \$699	\$700 and over
New and existing homes (averages):						
Liquid assets of purchaser.....	\$1,530	\$600	\$885	\$1,300	\$1,985	\$4,630
Purchase price.....	\$14,315	\$8,925	\$11,745	\$14,295	\$16,525	\$19,715
Loan.....	\$13,085	\$8,815	\$11,580	\$14,005	\$16,085	\$18,660
Downpayment.....	\$330	\$110	\$165	\$290	\$440	\$1,025
Percent of purchase price.....	2.3	1.2	1.4	2.0	2.7	5.2
Percent of liquid assets.....	21.6	18.3	18.6	22.3	22.2	22.1
Monthly income after taxes.....	\$471.50	\$274.95	\$358.35	\$446.00	\$570.65	\$842.50
Monthly housing expense <sup>1</sup> .....	\$131.35	\$89.35	\$109.55	\$130.75	\$150.15	\$177.80
Percent of income after taxes.....	27.9	32.5	30.6	29.3	26.3	21.1
Percent of loans.....	100.0	100.0	100.0	100.0	100.0	100.0
New homes.....	66.3	37.0	61.6	69.1	70.0	69.3
Existing homes.....	33.7	62.4	38.4	30.9	30.0	30.7

<sup>1</sup> Repayments of mortgage principal and interest with an additional allowance for taxes, insurance, heat, utilities, and maintenance.

Source: Veterans Administration.

### No. 1087. ESTIMATED NONFARM REAL ESTATE FORECLOSURES: 1930 TO 1961

[Excludes Alaska and Hawaii. Based on data from approximately 1,700 counties, cities, townships, or other government divisions. Represents number of properties acquired through foreclosure proceedings. Excludes voluntary deeds of sale in lieu of foreclosure and defaults on real estate contracts. See also *Historical Statistics, Colonial Times to 1967*, series N 189]

YEAR	Fore-closures	YEAR	Fore-closures	YEAR	Fore-closures
1930.....	150,000	1946.....	10,453	1954.....	26,211
1935.....	228,713	1947.....	10,559	1955.....	28,620
1940.....	76,556	1948.....	13,052	1956.....	30,963
1941.....	58,559	1949.....	17,635	1957.....	34,204
1942.....	41,997	1950.....	21,537	1958.....	42,367
1943.....	25,281	1951.....	18,141	1959.....	44,075
1944.....	17,153	1952.....	18,135	1960.....	51,353
1945.....	12,706	1953.....	21,473	1961.....	73,074

Source: Federal Home Loan Bank Board.

### No. 1088. URBAN PLANNING ASSISTANCE PROGRAM—SUMMARY: 1954 TO 1961

[Includes Alaska, Hawaii, Puerto Rico, and Guam. Represents urban planning assistance (a) for cities, other municipalities, and counties with a population under 50,000 and for groups of adjacent communities, incorporated or unincorporated, with a total population of less than 50,000; (b) for cities, other municipalities, and counties in redevelopment areas designated under Section 5(a) of the Area Redevelopment Act; (c) for metropolitan and regional areas; (d) for cities, other municipalities, and counties which have suffered a major disaster; (e) for areas which are or expected to become Federally impacted; and (f) for State and interstate comprehensive planning. Metropolitan, regional, disaster, and Federally impacted areas are assisted by planning grants to either State planning agencies or metropolitan, regional, or other qualified planning agencies; all other assistance takes the form of planning grants to State planning agencies.]

ITEM	Cumulative total	NET CHANGE						
		1954-1955	1956	1957	1958	1959	1960	1961
Total grants approved <sup>2</sup> .....	\$1,000	475	1,235	2,603	2,203	2,056	4,738	8,884
Disbursed.....	12,465	50	419	1,479	1,667	2,196	3,068	3,671
Planning assistance for small areas:								
Projects approved.....	456	7	20	40	55	48	142	144
Different localities involved.....	1,922	75	165	202	324	150	452	458
Planning assistance for localities in redevelopment areas:								
Projects approved.....	26							26
Different localities involved.....	120							120
Planning for metropolitan, regional, disaster, and Federally impacted areas:								
Projects approved.....	203	8	14	27	21	52	47	34
Different areas involved.....	135	9	12	19	16	38	18	23
Statewide planning:								
Projects approved.....	25						12	13
Different States involved.....	16						10	6

<sup>1</sup> First approval under this program took place in November 1954.

<sup>2</sup> Represents the Federal contribution to defray the costs of urban planning authorized by the program.

Source: Housing and Home Finance Agency, Urban Renewal Administration; *Annual Report*, and records.



# Urban Renewal Program

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## No. 1089. URBAN RENEWAL PROGRAM—SUMMARY: 1949 TO 1961

[Money figures in thousands of dollars. Includes Alaska, Hawaii, Puerto Rico, and Virgin Islands. Represents financial assistance to localities under Title I of the Housing Act of 1949, as amended. Primarily, planning advances, loans, and grants are made to local agencies by the Urban Renewal Administration for slum clearance and redevelopment projects, and conservation or rehabilitation projects]

ITEM	Cumulative total	NET CHANGE						
		1949-1955 <sup>1</sup>	1956	1957	1958	1959	1960	1961
Grant authority reserved <sup>2</sup> .....	2,481,103	553,793	273,944	193,318	305,183	64,628	484,189	606,048
Urban renewal activities.....	2,472,182	553,666	273,019	192,610	304,878	64,475	480,953	602,581
Community renewal programs.....	5,235						2,604	2,571
Demonstration grants.....	3,686	127	925	708	305	153	572	896
URBAN RENEWAL PROJECTS								
Localities participating.....	520	218	40	41	73	25	65	58
Total projects.....	944	340	92	59	132	34	139	148
Completed.....	65		1	3	6	16	15	24
Active.....	879	340	91	56	126	18	124	124
Execution.....	518	110	22	57	92	84	79	74
Planning.....	361	230	69	-1	34	-66	45	50
Capital grants:								
Grants disbursed to projects.....	512,281	58,829	16,080	30,220	49,662	78,464	131,524	147,403
Grants disbursed to repay advances.....	4,550						3,441	1,109
Project loans: <sup>3</sup>								
Contracts authorized (net).....	1,024,433	184,906	52,064	217,844	349,707	359,653	370,570	380,680
Federal loans:								
Disbursed.....	484,285	73,792	21,294	31,397	51,540	96,288	108,892	101,082
Outstanding.....	77,937	27,360	6,211	9,661	24,345	7,218	-10,122	13,264
Non-Federal "guaranteed" loans: <sup>4</sup>								
Gross amount.....	1,151,711	56,791	43,074	74,132	111,836	235,175	295,556	335,147
Outstanding.....	820,264	36,052	31,376	59,592	86,246	165,033	207,026	234,939
Planning advances: <sup>5</sup>								
Contracts authorized (net).....	86,296	19,985	9,820	6,024	9,901	5,375	15,389	19,802
Disbursed.....	62,531	12,433	3,920	5,171	7,934	8,220	10,959	13,804
Outstanding.....	23,569	7,931	1,641	2,429	2,174	2,040	1,202	6,152
COMMUNITY RENEWAL PROGRAMS								
Localities participating.....	41							
Grants disbursed.....	1,177						7	84
DEMONSTRATION GRANTS								
Projects approved.....	42	6	12	6	3	1	6	8
Grants disbursed.....	2,130	21	202	398	387	431	348	352

<sup>1</sup> First approval under this program took place in March 1950.

<sup>2</sup> Represents the Federal Government's contribution (a) to the net costs of local slum clearance and urban renewal projects, preparation of community renewal programs, and demonstrations, (b) to reimburse local public agencies for certain costs of relocating displaced families, individuals, and business concerns, and (c) to repay planning advances not collected from terminated projects.

<sup>3</sup> Represents Federal assistance to finance expenditures involved in the execution of slum clearance and urban renewal projects. Temporary loan contracts may be used by local public agencies to borrow funds for project expenditures from non-Federal sources.

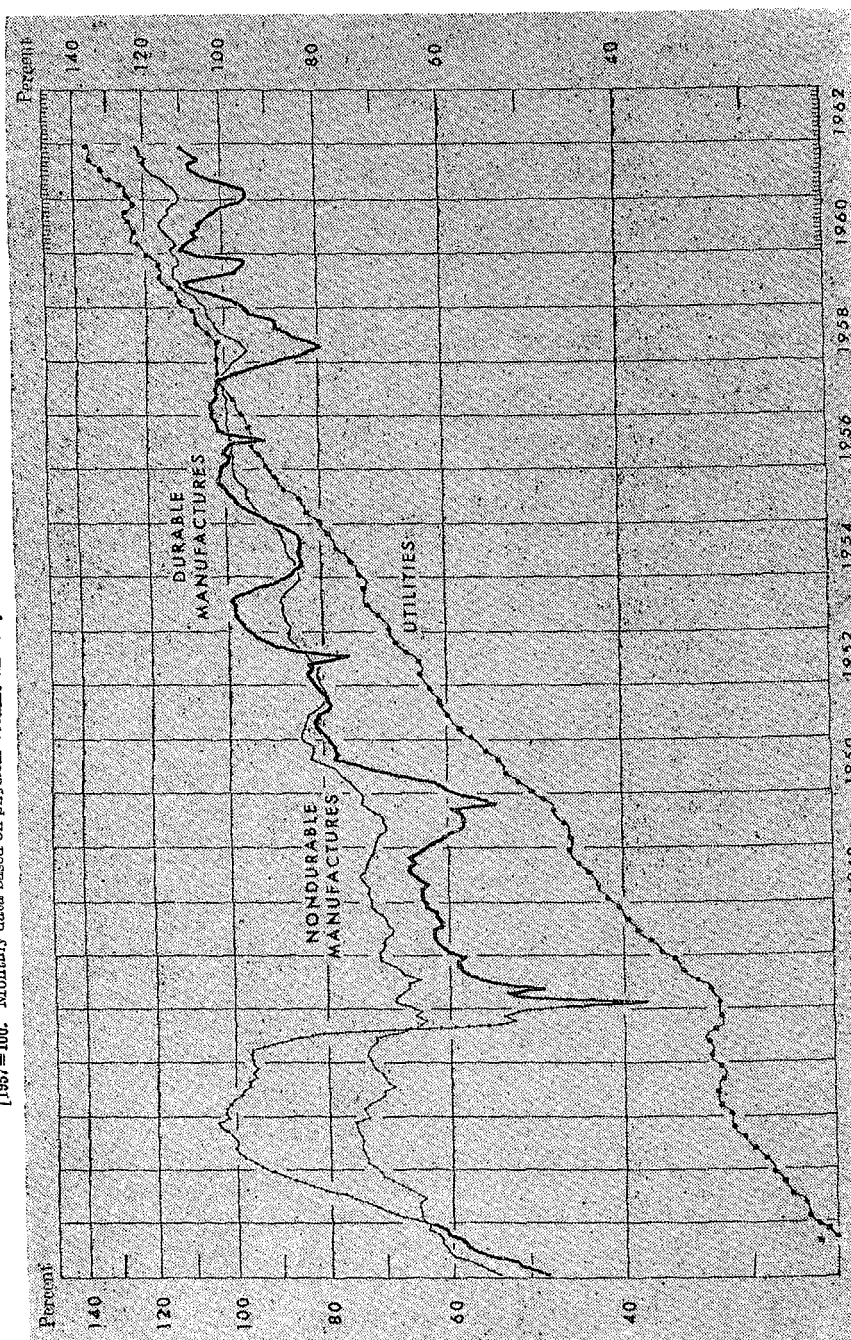
<sup>4</sup> Excludes amounts borrowed to refinance previous borrowings.

<sup>5</sup> Represents Federal assistance for the conduct of surveys and preparation of project plans.

Source: Housing and Home Finance Agency, Urban Renewal Administration; *Annual Report*, and records.

FIG. XLII. INDUSTRIAL PRODUCTION INDEXES: 1941 TO 1962

[1957 = 100. Monthly data based on physical volume and adjusted for seasonal variation. See table 109.]



Source: Board of Governors of the Federal Reserve System.

## Section 29

### Manufactures

This section presents measures of the manufacturing segment of the economy and its component inputs and outputs. The input data include figures for establishments; employment and wages; raw materials, fuels, and energy consumed; plant and equipment expenditures; and water use. The output data include figures for value and quantity of production and shipments; and value added by manufacture. Both types of data are shown for manufacturing as a whole, for major product groups, and for specific selected products.

The principal sources of these data are the reports of the Census of Manufactures conducted periodically by the Bureau of the Census; the same agency's *Annual Survey of Manufactures*; and its *Current Industrial Reports* series which present 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 Bureau of Labor Statistics, Statistical Reporting Service of the Department of Agriculture, Business and Defense Services Administration, Fish and Wildlife Service, Tariff Commission, and Internal Revenue Service, and by private research or trade associations such as the American Iron and Steel Institute, the National Canners Association, and the National Association of Hosiery Manufacturers.

Data on financial operations and intercorporate relations of manufacturing corporations are collected from time to time by the Securities and Exchange Commission, the Tariff Commission, and the Federal Trade Commission. Financial statistics for certain manufacturing industries 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 summarized and published for the leading corporations that are registered with the Securities and Exchange Commission. The Tariff Commission publishes commodity surveys which cover economic and competitive aspects of production, distribution, and international trade in selected important industries. Each survey deals with several products which are related because of the raw materials consumed, or because of their competitive uses. The Federal Trade Commission has made several comprehensive studies of individual industries.

**Censuses and annual surveys.**—The first Census of Manufactures covered the year 1899. Thereafter, a census was taken at 10-year intervals to 1899, with the exception of 1829. It was conducted at 5-year intervals from 1904 through 1919 and at 2-year intervals from 1921 through 1939. It was suspended during the war period until the 1947 Census. A census covering the year 1954 was the first taken under present legislation which provides for a quinquennial Census of Manufactures. The most recent census covered the year 1958.

The *Annual Survey of Manufactures*, conducted for the first time in 1949, carries forward, for the intercensal years, measures of manufacturing activity covered in detail by the quinquennial Census of Manufactures. It provides statistics on employment, payrolls, value added by manufacture, inventories, and new capital expenditures for industry groups, important individual industries, geographic divisions, States, and large standard metropolitan statistical areas.

The most recent annual survey is based on a sample of about 60,000 of an approximate total of 300,000 manufacturing establishments. It comprises all large plants, which account for approximately two-thirds of total manufacturing employment in the United States, and a representative selection of the more numerous small plants. Government-owned and -operated establishments are excluded.

**Establishments and classification.**—The 1947, 1954, and 1958 Censuses of Manufactures covered operating manufacturing establishments as defined in the *Standard Industrial Classification Manual* issued by the Bureau of the Budget. Reports were required from all establishments employing one or more persons at any time during the census year. Each of the establishments tabulated was classified in one of the more than 400 manufacturing industries as defined by the Standard Industrial Classification system. This system defines an industry as a number of establishments producing a single product or a closely related group of products. An establishment is classified in a particular industry if its production of this product or product group exceeds in value its production of any other product group. In a few instances, the industry classification of an establishment is determined not only by its product group but also by the processes employed in making the products.

A revised edition of the *Standard Industrial Classification Manual*, which made extensive modifications in some of the industry groupings, was issued in 1957. Final reports of the 1958 Census of Manufactures present data tabulated on the basis of the new classifications and include 1954 Census data converted to the new SIC to effect comparability for the two years. Because of the revisions in the classification system, 1954 and 1958 Census data for some industries and industry groups are not comparable with figures for prior years.

While some establishments produce only the products of the industry in which they are classified, it rarely happens that all the establishments in an industry specialize to that extent. The statistics on employment, payrolls, value added, inventories, and expenditures, therefore, reflect not only the primary activities of the establishments in that industry but also activities of a secondary nature. For this reason the industry statistics usually cannot be directly related to statistics on the total shipments of products primary to the industry.

The 1947, 1954, and 1958 Censuses 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.

The basic statistical measures of manufacturing activity, such as employment, payrolls, value added, etc., are defined in essentially the same way for the annual surveys as for the census of manufactures. Consequently, these series may be considered to be comparable, except for the changes brought about by the 1957 revisions in the industry classification system noted above. However, beginning with 1949, average employment was calculated from the figures reported for the pay periods ending nearest the fifteenth of March, May, August, and November, whereas for 1947 such averages were based on 12 monthly employment figures. The 1954 figures are an average of reported employment totals for the four specified months, except for highly seasonal industries, where a 12-month average was obtained. For 1958, averages of production workers for the four specified months plus the March figure for "all other employees" were used for all industries. Further, 1947 figures exclude data for central administrative offices and auxiliary establishments of manufacturing concerns, which are included in the statistics for later years.

**Alaska and Hawaii.**—For a general statement concerning the treatment of data for Alaska and Hawaii, see preface. "Conterminous area" refers to the United States excluding Alaska, Hawaii, and outlying areas.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics, Colonial Times to 1957*, series P 1-8") provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

### Technical Note—Annual Survey of Manufactures

The annual survey estimates vary from the totals that would have been obtained from a complete canvass of all manufacturing establishments. The relative magnitude of this sampling variation is given in the table column captioned "Standard error." The standard error should be interpreted to mean that the sample estimates will differ from complete canvass totals by *less than*: (1) The percentage shown in approximately 2 cases out of 3; (2) twice the percentage shown in approximately 19 cases out of 20; and (3) three times the percentage shown in almost every case. It should be noted that standard errors are shown only for selected items. The standard errors of other measures are usually of the same general magnitude.

In making any study of the trend, it is important to take account of the effect of the sampling variation on the apparent increase or decrease shown between years. In addition to sampling errors, individual figures may be subject to biases arising from undetected response or procedural errors which are not reflected in the "standard errors." Figures are normally withheld from publication in the original source volumes if (1) the standard error of the estimate exceeds 15 percent, or (2) survey estimates are inconsistent with other Census series and related data. Any estimate which can be derived by subtraction of one published figure from another may have a standard error considerably in excess of 15 percent.

### No. 1090. MANUFACTURES—SUMMARY: 1947 TO 1960

[Excludes Alaska and Hawaii. Figures cover all establishments employing 1 or more persons at any time during year. Excludes hand and neighborhood industries. See also *Historical Statistics, Colonial Times to 1957*, series P 1-8]

YEAR	Number of establishments	Number of proprietors and firm members	ALL EMPLOYEES <sup>1</sup>		PRODUCTION WORKERS			Value added, unadjusted <sup>3</sup>
			Number (average for year) <sup>2</sup>	Salaries and wages	Number (average for year)	Man-hours	Wages	
1947	240,807	1,000	1,000	Mil. dol.	1,000	Millions	Mil. dol.	Mil. dol.
1950 <sup>4</sup>	200,000	180	14,204	30,696	11,018	24,316	30,244	74,200
		( <sup>5</sup> )	14,770	47,898	11,770	23,717	34,000	89,750
1951 <sup>4</sup>	202,000	( <sup>5</sup> )	15,638	56,284	12,509	25,264	40,655	102,086
1952 <sup>4</sup>	207,000	( <sup>5</sup> )	16,061	61,141	12,706	25,618	43,764	109,162
1953 <sup>4</sup>	235,000	( <sup>5</sup> )	17,093	68,590	13,501	27,066	48,070	121,659
1954 <sup>4</sup>	236,817	198	16,126	65,977	12,373	24,341	44,505	* 117,032
1955 <sup>4</sup>	233,047	( <sup>5</sup> )	16,819	72,126	12,957	25,909	40,230	* 135,023
1956 <sup>4</sup>	( <sup>5</sup> )	( <sup>5</sup> )	17,177	77,048	13,134	26,099	52,054	* 144,909
1957 <sup>4</sup>	( <sup>5</sup> )	( <sup>5</sup> )	17,105	79,354	12,842	25,218	52,583	* 147,838
1958	208,182	185	15,996	78,218	11,644	22,633	40,503	* 141,270
1959	( <sup>5</sup> )	( <sup>5</sup> )	16,655	85,574	12,200	24,432	54,650	* 160,992
1960	( <sup>5</sup> )	( <sup>5</sup> )	16,727	88,019	12,170	24,186	55,452	* 163,231

<sup>1</sup> Includes data for employees of manufacturing establishments engaged in distribution and construction work. Extent to which data for such employees were included in figures for earlier years is not known. Beginning 1950, includes administrative offices, and units auxiliary to manufacturing.

<sup>2</sup> Data for all industries in 1950-1953 and 1955-1957, and for most industries in 1954, are based on pay periods ending nearest 15th of Mar., May, Aug., and Nov. For 1947, and industries of a seasonal type in 1954, data represent average of 12 monthly figures.

<sup>3</sup> Value of shipments less cost of materials, supplies, fuels, electric energy, and contract work. (Differs from adjusted value in that value added in merchandising is omitted.)

<sup>4</sup> Estimates based on sample; see text, pp. 769-771.

<sup>5</sup> Not available. <sup>6</sup> Value added, adjusted. See footnote 1, table 1093.

Source: Department of Commerce, Bureau of the Census; 1947, 1954, and 1958 Censuses of Manufactures reports and *Annual Survey of Manufactures*.

# No. 1091. INDUSTRIAL PRODUCTION—INDEXES, BY INDUSTRY GROUPINGS: 1950 TO 1962

[1957=100. Quarterly data adjusted for seasonal variation. Based on 1957 Standard Industrial Classification. See also *Historical Statistics, Colonial Times to 1957*, series P 11 and P 147-168, for indexes on 1947-49 base]

YEAR AND QUARTER	MANUFACTURING											
	Total	Durable manufactures										
		Total	Pri- mary metals	Fab- ricated metal prod- ucts	Ma- chin- ery	Trans- porta- tion equip- ment	Instru- ments and re- lated prod- ucts	Clay, glass, and stone prod- ucts	Lum- ber and prod- ucts	Fur- niture and fix- tures	Misc. manu- factures	
1950.....	75	76	71	80	84	70	53	59	82	103	82	90
1951.....	81	82	80	97	90	80	59	67	90	102	77	87
1952.....	84	85	85	89	88	88	60	80	86	101	80	89
1953.....	91	92	96	100	99	96	86	87	89	107	83	101
1954.....	86	86	85	81	89	84	79	85	85	104	87	91
1955.....	96	97	98	106	97	93	96	91	97	114	99	102
1956.....	99	100	100	104	97	103	92	97	102	110	102	105
1957.....	100	100	100	100	100	100	100	100	100	100	100	100
1958.....	93	92	87	78	92	85	84	94	95	100	96	95
1959.....	105	105	102	90	104	103	98	112	110	113	115	109
1960.....	108	108	104	90	106	106	102	119	110	107	120	113
First quarter.....	110	111	109	110	108	109	106	118	109	113	119	113
Second quarter.....	109	110	106	93	107	108	103	119	112	112	123	115
Third quarter.....	108	108	104	83	107	108	101	121	112	105	121	113
Fourth quarter.....	105	104	98	74	102	102	97	118	106	97	116	110
1961 (prel.).....	109	109	103	88	105	106	97	118	108	105	120	114
First quarter.....	102	102	95	72	90	101	88	114	101	100	111	107
Second quarter.....	108	108	102	88	104	106	98	116	108	108	118	113
Third quarter.....	112	112	107	97	108	109	100	121	113	109	122	116
Fourth quarter.....	114	114	109	97	111	110	105	122	109	105	125	120
1962:												
First quarter (prel.).....	115	115	110	103	111	113	105	121	104	109	125	118

YEAR AND QUARTER	MANUFACTURING—Continued											Mining, total	Utili- ties, total		
	Nondurable manufactures														
	Total	Tex- tile mill prod- ucts	Ap- parel prod- ucts	Leath- er and prod- ucts	Paper and prod- ucts	Print- ing and pub- lishing	Chem- icals and prod- ucts	Petrol- eum prod- ucts	Rub- ber and plas- tics prod- ucts	Foods and bev- erages	Tobac- co prod- ucts				
1950.....	79	90	85	92	77	80	61	74	72	86	80	80	53		
1951.....	82	98	84	86	81	81	69	83	73	88	95	87	60		
1952.....	83	97	88	91	78	81	72	84	75	90	98	87	65		
1953.....	87	99	90	92	84	85	78	90	81	91	96	89	71		
1954.....	87	93	87	91	85	88	77	89	79	93	92	86	77		
1955.....	95	102	95	99	90	93	89	95	98	97	94	95	85		
1956.....	90	104	99	101	101	98	98	100	96	100	96	100	94		
1957.....	100	100	100	100	100	100	100	100	100	100	100	100	100		
1958.....	100	98	101	97	101	98	100	99	95	102	106	91	105		
1959.....	110	113	120	106	111	105	114	105	114	106	112	95	116		
1960.....	113	109	124	100	112	111	121	108	114	109	114	97	123		
First quarter.....	112	111	123	100	113	109	119	103	117	108	112	97	122		
Second quarter.....	115	113	127	102	113	111	123	109	118	109	115	97	123		
Third quarter.....	114	110	125	101	112	112	123	113	114	109	113	97	125		
Fourth quarter.....	112	101	121	98	110	113	120	108	108	110	110	98	123		
1961 (prel.).....	117	111	124	101	118	113	128	110	115	113	118	98	131		
First quarter.....	111	102	116	96	112	111	110	106	100	110	115	97	125		
Second quarter.....	116	109	121	101	117	111	126	110	115	112	118	97	130		
Third quarter.....	119	116	127	101	121	114	132	113	122	114	115	98	134		
Fourth quarter.....	121	118	130	106	123	115	134	112	126	115	122	101	135		
1962:															
First quarter (prel.).....	121	119	128	103	124	115	135	111	122	110	117	99	137		

Source: Board of Governors of the Federal Reserve System; published currently in *Federal Reserve Bulletin*.

# Industrial Production Indexes

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## No. 1092. INDUSTRIAL PRODUCTION—INDEXES, BY MARKET GROUPINGS: 1950 TO 1962

[1957=100. Quarterly data adjusted for seasonal variation]

GROUPING	1950	1955	1958	1959	1960	1961	1962, April
<b>Total index</b> .....	<b>75</b>	<b>96</b>	<b>93</b>	<b>105</b>	<b>108</b>	<b>109</b>	<b>117</b>
<b>Final products</b> .....	<b>74</b>	<b>95</b>	<b>95</b>	<b>107</b>	<b>111</b>	<b>112</b>	<b>119</b>
Consumer goods.....	82	97	99	110	114	116	123
Equipment, including defense.....	54	91	87	100	103	104	112
<b>Materials</b> .....	<b>75</b>	<b>97</b>	<b>91</b>	<b>104</b>	<b>106</b>	<b>106</b>	<b>115</b>
<b>CONSUMER GOODS</b>							
<b>Automotive products</b> .....	<b>86</b>	<b>113</b>	<b>83</b>	<b>103</b>	<b>117</b>	<b>106</b>	<b>124</b>
Autos.....	92	124	71	96	117	97	119
Auto parts and allied products.....	78	95	100	113	117	121	131
<b>Home goods and apparel</b> .....	<b>91</b>	<b>99</b>	<b>98</b>	<b>116</b>	<b>116</b>	<b>117</b>	-----
Home goods.....	95	101	96	115	115	117	130
Appliances, TV, and radios.....	99	103	94	114	112	113	130
Appliances.....	92	99	99	119	118	118	132
TV and home radios.....	123	113	83	102	96	103	123
Furniture and rugs.....	91	100	98	119	118	119	131
Misc. home goods.....	93	99	97	113	117	119	130
Apparel, including knit goods and shoes.....	88	97	100	116	117	118	-----
<b>Consumer staples</b> .....	<b>76</b>	<b>93</b>	<b>102</b>	<b>108</b>	<b>113</b>	<b>117</b>	<b>121</b>
Processed foods.....	85	96	102	106	109	113	115
Beverages and tobacco.....	95	96	103	108	110	114	-----
Drugs, soap, and toiletries.....	65	85	102	111	118	123	128
Newspapers, magazines, and books.....	86	93	99	106	113	117	118
Consumer fuel and lighting.....	55	86	105	113	119	126	-----
Fuel oil and gasoline.....	69	93	98	104	106	108	111
Residential utilities.....	48	83	108	117	126	135	-----
Electricity.....	40	82	108	118	127	136	-----
<b>Combined groups:</b>							
Automotive and home goods.....	90	106	90	110	116	112	128
Apparel and staples.....	70	94	102	110	114	117	-----
<b>EQUIPMENT</b>							
<b>Business equipment</b> .....	<b>65</b>	<b>87</b>	<b>85</b>	<b>100</b>	<b>105</b>	<b>105</b>	<b>114</b>
Industrial.....	-----	92	82	97	102	100	107
Commercial.....	-----	82	88	104	118	124	138
Freight and passenger.....	-----	65	89	98	101	99	106
Farm.....	139	127	100	115	92	98	110
<b>MATERIALS</b>							
<b>Durable goods materials</b> .....	<b>76</b>	<b>100</b>	<b>86</b>	<b>100</b>	<b>102</b>	<b>100</b>	<b>111</b>
Consumer durable.....	86	116	77	101	109	100	120
Equipment.....	54	91	86	103	101	102	116
Construction.....	83	98	95	107	107	106	111
Metal materials, not elsewhere classified.....	-----	-----	-----	89	92	91	104
<b>Non durable materials</b> .....	<b>74</b>	<b>94</b>	<b>97</b>	<b>107</b>	<b>110</b>	<b>114</b>	<b>119</b>
Business supplies.....	75	95	98	108	110	113	116
Containers.....	81	97	101	109	109	115	117
General business supplies.....	72	95	97	107	111	111	115
Non durable materials, not elsewhere classified.....	73	94	98	115	119	126	136
<b>Business fuel and power</b> .....	<b>75</b>	<b>93</b>	<b>94</b>	<b>100</b>	<b>103</b>	<b>105</b>	<b>110</b>
Mineral fuels.....	82	95	92	96	97	98	101
Nonresidential utilities.....	57	88	102	113	121	127	-----
Electricity.....	58	88	102	113	120	128	-----
General industrial.....	60	90	98	110	115	118	-----
Atomic energy.....	4	33	97	-----	-----	-----	-----
Commercial and other.....	50	87	105	118	127	139	-----
Gas.....	56	86	102	113	121	-----	-----

Source: Board of Governors of the Federal Reserve System; published currently in *Federal Reserve Bulletin*.

## No. 1093. MANUFACTURERS—GENERAL STATISTICS

[Beginning 1958, includes Alaska and Hawaii. "N.e.c." means not elsewhere classified. Data based on new editions of the *Statistical*

1	INDUSTRY GROUP	1954			1958			
		Estab- lish- ments, number	All em- ployees, payroll	Value added by manu- facture, adjusted	Estab- lish- ments, number	All employees		Value added by manu- facture, adjusted
						Num- ber	Pay- roll	
			Mil. dol.	Mil. dol.		1,000	Mil. dol.	Mil. dol.
1	All manufacturing establish- ments, incl. administrative and auxiliary units.....	286,814	62,963	117,386	303,536	16,025	78,326	141,500
2	Operating manufacturing establish- ments only.....	(4)	(4)	(4)	299,036	15,421	73,854	141,500
3	Food and kindred products.....	42,373	6,200	13,767	41,983	1,718	7,621	17,685
4	Meat products.....	4,992	1,235	1,938	5,546	312	1,467	2,502
5	Dairy products.....	11,503	1,086	2,303	9,879	295	1,351	2,876
6	Canned and frozen foods.....	3,513	573	1,374	3,810	234	775	1,990
7	Grain-mill products.....	3,410	495	1,467	3,484	119	576	1,856
8	Bakery products.....	6,414	1,124	2,057	6,365	302	1,338	2,643
9	Sugar.....	137	118	265	170	33	162	383
10	Candy and related products.....	1,490	255	610	1,458	80	299	750
11	Beverages.....	5,942	913	2,468	5,597	207	1,044	2,843
12	Other food preparations.....	(4)	(4)	(4)	5,570	135	607	1,859
13	Tobacco products.....	627	260	1,004	504	84	295	1,413
14	Cigarettes.....	19	104	677	10	34	142	1,059
15	Cigars.....	410	80	168	283	20	82	183
16	Chewing and smoking tobacco.....	65	23	80	58	6	24	86
17	Tobacco stemming and redrying.....	133	43	70	144	15	47	86
18	Textile mill products.....	8,054	2,989	4,606	7,675	902	2,938	4,858
19	Weaving mills, cotton.....	582	783	1,135	406	243	724	1,079
20	Weaving mills, synthetics.....	478	273	409	401	82	277	469
21	Weaving, finishing mills, wool.....	399	230	330	469	56	206	337
22	Narrow fabric mills.....	513	79	124	488	25	86	143
23	Knitting mills.....	3,042	597	940	2,786	213	650	1,101
24	Textile finishing, exo. wool.....	725	292	402	798	73	293	466
25	Floor covering mills.....	(4)	(4)	(4)	282	34	123	260
26	Yarn and thread mills.....	(4)	(4)	(4)	757	107	307	514
27	Misc. textile goods.....	(4)	(4)	(4)	1,108	69	272	499
28	Apparel and related products.....	31,372	3,202	5,166	29,358	1,182	3,590	6,011
29	Men's and boys' suits and coats.....	1,310	375	527	1,365	122	408	643
30	Men's and boys' furnishings.....	3,901	639	1,006	3,135	273	604	1,138
31	Women's and misses' outerwear.....	10,298	1,046	1,696	9,781	361	1,157	1,018
32	Women's undergarments.....	1,843	285	510	1,645	111	322	506
33	Millinery, hats and caps.....	1,457	126	191	1,249	86	123	200
34	Children's outerwear.....	1,983	196	320	1,028	81	231	381
35	Fur goods.....	1,972	40	76	1,651	9	50	95
36	Misc. apparel.....	1,804	163	269	1,701	60	177	306
37	Fabricated textile, n.e.c.....	7,274	381	648	6,903	129	427	732
38	Lumber and wood products.....	41,484	1,934	3,242	37,878	582	1,991	3,183
39	Logging camps and contractors.....	12,865	211	393	12,805	72	238	390
40	Sawmills and planing mills.....	20,487	962	1,610	16,550	278	869	1,344
41	Millwork and related products.....	(4)	(4)	(4)	4,125	135	572	926
42	Wooden containers.....	1,513	138	215	1,278	40	122	184
43	Misc. wood products.....	(4)	(4)	(4)	3,031	57	199	340
44	Furniture and fixtures.....	10,273	1,197	1,998	10,179	348	1,391	2,354
45	Household furniture.....	6,470	819	1,336	6,520	252	944	1,583
46	Office furniture.....	241	85	157	301	23	110	212
47	Public building furniture.....	292	53	90	390	16	69	113
48	Partitions and fixtures.....	1,026	143	236	1,848	38	157	301
49	Furniture and fixtures, n.e.c.....	(4)	(4)	(4)	1,120	19	81	144
50	Paper and allied products.....	5,004	2,205	4,630	5,271	555	2,780	5,707
51	Pulp mills.....	(4)	(4)	(4)	50	14	75	106
52	Paper mills, exo. building.....	(4)	975	2,305	354	131	741	1,542
53	Paperboard mills.....	(4)	(4)	(4)	252	57	322	840
54	Paper and board products.....	(4)	(4)	(4)	2,245	151	705	1,413
55	Paperboard containers and boxes.....	(4)	(4)	(4)	2,180	181	835	1,502
56	Building paper and board mills.....	(4)	(4)	(4)	181	21	103	215

For footnotes, see pp. 778 and 779.



## FOR INDUSTRY GROUPS: 1954 TO 1960

Standard Industrial Classification (1957) and therefore not comparable with figures shown in the 1960 and earlier Abstract; see text, p. 770]

1959			1960							
All employees		Value added by manufacture, adjusted <sup>1</sup>	All employees		Production workers			Value added by manufacture, adjusted <sup>1</sup>	Capital expenditures, new <sup>3</sup>	
Number <sup>2</sup>	Payroll		Number <sup>2</sup>	Payroll	Number <sup>2</sup>	Man-hours	Wages			
1,000	Mil. dol.	Mil. dol.	1,000	Mil. dol.	1,000	Mil. lions	Mil. dol.	Mil. dol.	Mil. dol.	
16,662	85,620	160,992	16,727	88,019	12,179	24,136	55,452	163,231	9,968	1
16,059	81,148	160,992	16,124	83,547	12,179	24,136	55,452	163,231	9,968	2
1,716	7,962	18,737	1,713	8,269	1,147	2,336	4,834	19,661	1,021	3
313	1,522	2,627	307	1,561	246	407	1,130	2,663	119	4
289	1,370	3,041	287	1,404	134	276	596	3,165	184	5
234	807	2,052	237	852	205	398	648	2,346	117	6
119	592	2,017	117	690	81	178	384	1,977	129	7
305	1,405	2,779	306	1,469	178	369	763	2,902	116	8
33	168	400	32	173	26	58	135	461	44	9
78	309	783	79	323	63	124	223	832	30	10
209	1,100	3,071	211	1,139	116	237	573	3,198	180	11
134	629	1,963	137	658	97	198	381	2,115	101	12
84	311	1,480	83	319	73	142	258	1,545	47	13
36	160	1,090	36	166	32	61	137	1,130	32	14
28	81	200	26	79	24	45	67	197	4	15
6	25	98	6	25	5	9	18	98	2	16
( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	14	49	12	26	36	119	8	17
929	3,247	5,614	902	3,216	809	1,604	2,628	5,613	325	18
243	804	1,225	239	816	223	453	725	1,312	83	19
83	305	525	80	301	72	151	253	563	39	20
58	229	421	57	219	60	99	175	375	15	21
28	100	181	26	97	22	46	73	169	7	22
226	713	1,237	220	711	197	368	568	1,220	65	23
74	310	514	72	307	61	125	235	517	32	24
36	138	336	35	134	30	59	101	324	15	25
110	348	601	105	335	97	187	284	578	45	26
71	301	574	60	297	57	115	214	556	25	27
1,299	3,831	6,661	1,223	3,828	1,076	1,921	2,980	6,682	141	28
129	458	719	130	479	113	208	409	732	8	29
280	743	1,247	277	743	262	448	607	1,242	15	30
376	1,204	2,160	365	1,176	318	550	893	2,170	19	31
119	346	624	117	339	104	181	251	634	8	32
41	133	220	38	125	33	61	99	214	2	33
85	246	396	83	239	73	130	185	384	( <sup>9</sup> )	34
66	196	332	65	192	56	100	142	321	4	35
135	455	840	139	480	119	228	351	889	23	36
619	2,214	3,769	596	2,152	526	1,020	1,765	3,458	317	38
76	250	442	73	248	67	120	221	439	72	39
293	966	1,680	281	938	252	493	803	1,496	168	40
148	656	1,062	141	617	120	236	473	934	49	41
40	125	193	38	124	34	67	99	194	( <sup>9</sup> )	42
62	216	392	62	225	53	103	170	304	20	43
368	1,521	2,611	365	1,530	304	620	1,124	2,619	76	44
270	1,052	1,797	264	1,034	225	458	776	1,742	48	45
24	118	244	25	125	20	41	93	254	10	46
16	70	102	13	78	14	27	54	125	6	47
38	198	313	39	208	31	65	145	347	9	48
19	85	154	19	85	14	28	57	151	3	49
574	3,025	6,448	580	3,120	465	975	2,266	6,569	616	50
14	87	225	14	90	12	24	66	201	31	51
185	790	1,830	137	820	113	246	630	1,877	225	52
58	346	907	58	364	47	105	271	940	112	53
167	769	1,597	159	803	126	251	847	1,650	104	54
188	919	1,634	191	944	151	311	663	1,660	121	55
22	114	255	21	110	18	37	88	240	22	56

## No. 1093. MANUFACTURES—GENERAL STATISTICS

INDUSTRY GROUP	1954			1953			
	Estab- lish- ments, number	All em- ployees, payroll	Value added by manu- facture, adjusted <sup>1</sup>	Estab- lish- ments, number	All employees		Value added by manu- facture, adjusted <sup>1</sup>
					Num- ber <sup>2</sup>	Pay- roll	
		Mil. dol.	Mil. dol.		1,000	Mil. dol.	Mil. dol.
1 <b>Printing and publishing</b> .....	32,530	3,619	6,403	35,456	866	4,489	7,839
2 Newspapers.....	8,645	1,257	2,138	8,279	296	1,500	2,520
3 Periodicals.....	2,045	313	806	2,323	66	381	933
4 Books.....	1,412	245	552	1,694	69	338	843
5 Misc. publishing.....	946	73	151	1,105	20	96	207
6 Commercial printing.....	(4)	(4)	(4)	17,310	288	1,519	2,348
7 Manifold business forms.....	(4)	(4)	(4)	704	24	121	245
8 Greeting cards.....	294	70	135	282	22	89	179
9 Bookbinding and related work.....	(4)	(4)	(4)	1,406	40	166	285
10 Printing trades services.....	2,205	236	327	2,328	42	279	390
11 <b>Chemicals and allied products</b> .....	11,074	3,377	9,547	11,309	699	3,949	12,273
12 Basic chemicals.....	1,474	1,201	3,223	1,608	238	1,460	4,260
13 Fibers, plastics, rubbers.....	273	508	1,427	407	122	683	1,900
14 Drugs.....	1,371	426	1,365	1,359	96	546	2,096
15 Cleaning and toilet goods.....	(4)	(4)	(4)	2,654	79	418	1,903
16 Paints and varnishes.....	(4)	(4)	(4)	1,709	59	323	807
17 Gum and wood chemicals.....	(4)	(4)	(4)	190	7	30	85
18 Agricultural chemicals.....	(4)	(4)	(4)	1,305	30	160	415
19 Other chemical products.....	(4)	(4)	(4)	1,987	60	327	804
20 <b>Petroleum and coal products</b> .....	1,262	953	2,241	1,608	179	1,117	2,513
21 Petroleum refining.....	409	816	1,013	446	146	944	2,119
22 Paving and roofing materials.....	523	88	208	772	23	119	269
23 Petroleum and coal products, n.e.c.....	330	49	115	390	10	53	130
24 <b>Rubber and plastics products, n.e.c.</b> .....	3,845	1,410	2,553	4,462	349	1,723	3,277
25 Tires and inner tubes.....	49	442	878	123	89	522	1,180
26 Rubber footwear.....	22	64	107	27	20	86	160
27 Reclaimed rubber.....	20	13	23	16	2	12	21
28 Fabricated rubber products, n.e.c.....	1,315	541	946	1,074	120	593	997
29 Plastics products, n.e.c.....	2,439	350	598	3,222	116	511	920
30 <b>Leather and leather products</b> .....	4,845	1,027	1,641	4,549	349	1,146	1,898
31 Leather tanning and finishing.....	579	168	260	573	37	166	276
32 Industrial leather belting.....	136	19	35	104	18	58	95
33 Footwear, cut stock.....	563	57	87	513	18	58	95
34 Footwear, except rubber.....	1,369	619	988	1,279	227	700	1,148
35 Leather gloves.....	239	16	23	179	6	10	23
36 Luggage.....	497	52	91	428	16	65	67
37 Purses and small leather goods.....	1,139	105	164	1,020	36	115	187
38 Leather goods, n.e.c.....	(4)	(4)	(4)	433	5	18	31
39 <b>Stone, clay, and glass products</b> .....	(4)	(4)	(4)	15,055	555	2,597	5,535
40 Flat glass.....	32	133	247	32	21	134	263
41 Pressed and blown glassware.....	372	355	679	240	92	431	845
42 Products of purchased glass.....	(4)	88	193	1,031	24	110	243
43 Cement, hydraulic.....	162	168	526	175	41	214	725
44 Structural clay products.....	1,053	267	428	1,018	70	203	490
45 Pottery and related products.....	807	174	258	755	44	181	284
46 Concrete and plaster products.....	(4)	(4)	(4)	9,171	150	693	1,654
47 Cut stone and stone products.....	977	78	121	1,001	20	83	129
48 Nonmetallic minerals, n.e.c.....	(4)	(4)	(4)	1,009	91	459	1,002
49 <b>Primary metal industries</b> .....	6,171	5,330	9,899	6,446	1,096	6,303	11,671
50 Steel rolling and finishing.....	(4)	(4)	(4)	712	578	3,871	6,863
51 Iron and steel foundries.....	1,734	896	1,327	1,048	182	896	1,322
52 Primary nonferrous metals.....	103	240	568	112	47	266	709
53 Secondary nonferrous metals.....	354	69	145	387	14	76	147
54 Nonferrous rolling and drawing.....	(4)	(4)	(4)	711	160	885	1,723
55 Nonferrous foundries.....	1,920	328	472	1,965	62	319	471
56 Primary metal industries, n.e.c.....	(4)	(4)	(4)	911	52	301	442

For footnotes, see pp. 778 and 779.

# Industry Groups

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FOR INDUSTRY GROUPS: 1954 TO 1960—Continued

1959			1960						
All employees		Value added by manufacture, adjusted <sup>1</sup>	All employees		Production workers			Value added by manufacture, adjusted <sup>1</sup>	Capital expenditures, new <sup>2</sup>
Number <sup>2</sup>	Payroll		Number <sup>2</sup>	Payroll	Number <sup>2</sup>	Man-hours	Wages		
	Mil. dol.	Mil. dol.		Mil. dol.		Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.
1,000			1,000		1,000				
886	4,811	8,707	908	5,064	560	1,082	2,934	9,262	407
301	1,001	2,776	307	1,674	160	300	883	2,925	128
67	413	1,111	67	441	12	22	63	1,164	( <sup>3</sup> )
71	373	980	76	408	39	81	192	1,142	33
20	105	176	21	113	9	16	42	192	( <sup>3</sup> )
204	1,618	2,504	302	1,708	237	465	1,251	2,042	146
25	128	273	25	132	18	35	87	289	( <sup>3</sup> )
23	99	194	23	102	14	28	53	197	8
43	184	293	44	191	38	71	140	308	( <sup>3</sup> )
43	280	399	43	296	32	63	223	405	( <sup>3</sup> )
719	4,234	14,227	722	4,421	468	941	2,464	14,380	1,257
238	1,538	5,018	240	1,614	161	327	978	5,101	662
128	753	2,395	130	789	93	186	495	2,256	294
100	594	2,274	102	624	57	111	208	2,349	114
( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	88	408	50	100	229	2,229	50
61	340	916	60	359	34	67	163	907	26
7	31	94	7	32	6	12	23	100	9
( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	43	187	30	61	113	529	87
59	343	885	57	347	38	77	195	908	55
171	1,128	2,894	168	1,127	121	245	758	3,201	489
137	944	2,458	135	936	97	192	635	2,720	459
23	125	292	23	126	17	36	88	321	25
10	59	144	11	66	7	16	35	161	5
379	1,968	3,793	378	1,998	296	590	1,400	3,773	297
95	595	1,313	92	590	72	140	439	1,272	133
22	96	162	22	96	10	37	77	162	5
2	14	25	2	15	4	11	4	29	3
131	675	1,199	128	670	96	193	440	1,162	52
130	584	1,004	134	628	106	216	424	1,148	105
363	1,246	2,121	358	1,227	317	582	972	2,044	34
37	174	338	35	164	30	58	129	270	6
20	68	117	20	69	18	33	54	113	( <sup>3</sup> )
232	758	1,251	228	743	205	370	694	1,221	16
7	18	28	7	19	0	10	15	28	( <sup>3</sup> )
17	58	102	18	61	15	29	45	108	( <sup>3</sup> )
39	125	205	39	127	34	63	94	209	( <sup>3</sup> )
6	19	34	5	19	4	10	14	34	( <sup>3</sup> )
597	2,951	6,480	589	2,983	475	969	2,188	6,348	538
27	181	401	23	168	20	41	140	345	36
90	471	950	100	510	86	172	413	1,013	79
29	135	311	27	125	22	43	95	295	( <sup>3</sup> )
41	227	800	39	224	38	66	177	741	113
76	332	569	70	332	65	120	256	552	37
48	205	333	45	202	38	73	157	318	12
158	706	1,794	159	751	119	258	510	1,749	103
20	81	132	23	95	10	38	75	143	3
103	554	1,221	98	546	73	149	358	1,192	81
1,148	7,082	13,635	1,178	7,231	959	1,842	5,438	13,314	1,549
570	3,897	7,800	620	4,050	504	940	3,084	7,686	1,188
204	1,080	1,631	196	1,041	160	319	821	1,578	84
45	206	792	49	308	40	82	232	927	52
16	59	107	15	88	12	26	55	158	10
170	1,027	2,073	171	1,000	131	270	690	1,858	154
71	376	675	70	377	58	117	282	560	37
50	347	546	57	358	45	89	263	539	24

## No. 1093. MANUFACTURES—GENERAL STATISTICS

INDUSTRY GROUP	1954			1958			
	Estab- lish- ments, number	All em- ployees, payroll	Value added by manu- facture, adjusted	Estab- lish- ments, number	All employees		Value added by manu- facture, adjusted <sup>1</sup>
					Num- ber <sup>2</sup>	Pay- roll	
		<i>Mil. dol.</i>	<i>Mil. dol.</i>		<i>1,000</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>
1 Fabricated metal products.....	22,042	4,605	8,021	24,782	1,059	5,416	9,423
2 Metal cans.....	227	245	500	222	54	304	680
3 Cutlery, hand tools, hardware.....	1,930	600	1,041	2,094	136	657	1,202
4 Plumbing and nonelectric heating.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	989	72	357	672
5 Structural metal products.....	7,421	1,281	2,235	9,409	341	1,807	2,963
6 Screw machine products and bolts.....	2,252	398	665	2,317	85	441	755
7 Metal stampings.....	2,320	595	958	2,456	126	646	1,049
8 Metal services, n.e.c.....	3,233	183	285	3,649	52	224	302
9 Fabricated wire prod., n.e.c.....	1,275	244	413	1,463	55	261	440
10 Fabricated metal prod., n.e.c.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	2,183	137	715	1,300
11 Machinery exc. electrical.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	29,867	1,348	7,305	12,393
12 Engines and turbines.....	141	400	651	140	96	552	1,068
13 Farm machinery and equipment.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	1,469	109	551	1,088
14 Construction and like equipment.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	2,048	200	1,073	2,055
15 Metalworking machinery.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	7,930	234	1,380	2,058
16 Special industry machinery.....	2,900	755	1,224	3,174	162	854	1,340
17 General industrial machinery.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	3,325	211	1,143	1,935
18 Office machines, n.e.c.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	340	122	667	971
19 Service industry machines.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	1,256	100	509	918
20 Machine shops.....	6,832	442	737	10,171	116	575	960
21 Electrical machinery.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	8,091	1,122	5,606	10,395
22 Electric distribution products.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	1,069	134	724	1,339
23 Electrical industrial apparatus.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	1,061	156	819	1,448
24 Household appliances.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	651	143	732	1,549
25 Lighting and wiring devices.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	1,819	123	564	1,177
26 Radio, TV, receiving equipment.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	328	74	326	687
27 Communication equipment.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	607	215	1,204	2,038
28 Electronic components.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	1,687	198	854	1,434
29 Electrical products, n.e.c.....	893	365	644	800	78	383	724
30 Transportation equipment.....	5,349	8,300	13,782	6,625	1,558	9,165	15,285
31 Motor vehicles and equipment.....	2,195	3,412	6,208	2,283	577	3,318	6,751
32 Aircraft and parts.....	1,404	4,049	6,438	1,569	765	4,720	6,924
33 Ships and boats.....	1,500	562	757	1,970	145	774	1,072
34 Railroad equipment.....	86	244	328	92	40	222	320
35 Motorcycles, bicycles, and parts.....	46	28	40	51	8	33	52
36 Transportation equipment, n.e.c.....	383	50	79	642	23	98	106
37 Instruments and related products.....	3,141	1,200	2,131	3,526	297	1,578	2,906
38 Scientific instruments.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	567	67	399	607
39 Mechanical measuring devices.....	614	303	543	710	76	387	716
40 Optical instruments and lenses.....	204	38	55	224	7	38	60
41 Medical instruments and supplies.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	1,070	42	195	414
42 Ophthalmic goods.....	238	65	107	246	18	71	137
43 Photographic equipment.....	419	308	596	480	60	369	789
44 Watches and clocks.....	209	119	201	229	26	110	184
45 Misc. manufacturing industries <sup>2</sup> .....	14,588	2,357	3,909	14,306	572	2,848	4,755
46 Jewelry and silverware.....	2,101	183	302	2,086	42	186	324
47 Musical instruments and parts.....	242	61	94	274	17	82	132
48 Toys and sporting goods.....	2,461	266	468	2,607	99	362	712
49 Office supplies.....	832	109	201	921	29	124	237
50 Costume jewelry and notions.....	2,364	200	318	2,205	56	194	338
51 Misc. manufactures <sup>2</sup> .....	6,572	1,494	2,422	6,180	323	1,901	3,013
52 Administrative and auxiliary <sup>3</sup> .....	( <sup>3</sup> )	2,940	-----	4,500	603	4,471	-----

<sup>1</sup> Value of shipments less cost of materials, supplies, fuels, electric energy, and contract work plus net change in finished goods and work-in-process inventory and value added in merchandising activities of manufacturing establishments.

<sup>2</sup> "All employees" represent the average of "production workers" plus all other employees for the payroll period ended nearest the 15th of March.

<sup>3</sup> Excludes expenditures for plants under construction and not yet in operation.

<sup>4</sup> Comparable data not available.

FOR INDUSTRY GROUPS: 1954 TO 1960—Continued

1959			1960						
All employees		Value added by manufacture, adjusted <sup>1</sup>	All employees		Production workers			Value added by manufacture, adjusted <sup>1</sup>	Capital expenditures, new <sup>3</sup>
Number <sup>2</sup>	Payroll		Number <sup>2</sup>	Payroll	Number <sup>2</sup>	Man-hours	Wages		
<i>1,000</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>1,000</i>	<i>Mil. dol.</i>	<i>1,000</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>
1,089	5,808	10,445	1,085	5,881	835	1,698	4,036	10,285	478
64	332	668	53	332	46	95	273	660	65
139	716	1,406	140	736	108	218	506	1,409	51
74	389	779	71	375	53	104	250	763	21
330	1,786	2,936	328	1,826	239	494	1,176	2,629	121
93	508	937	96	520	75	149	360	915	47
136	730	1,245	135	731	108	226	522	1,225	56
62	269	463	63	283	54	106	222	485	25
61	309	535	61	307	49	99	218	519	29
140	765	1,404	138	767	102	204	506	1,369	63
1,411	8,185	14,545	1,424	8,466	1,012	2,042	5,389	14,378	694
94	584	1,126	85	531	59	113	334	1,000	41
113	618	1,172	99	540	71	142	356	941	55
219	1,278	2,405	220	1,290	147	295	783	2,162	113
244	1,539	2,490	257	1,661	194	404	1,141	2,688	112
166	933	1,584	175	1,015	122	255	636	1,762	67
222	1,302	2,369	223	1,335	154	308	813	2,286	117
119	696	1,152	136	858	91	181	497	1,295	90
103	559	1,101	102	563	71	142	339	1,093	40
131	676	1,156	126	673	102	201	490	1,151	59
1,250	6,563	12,534	1,340	7,245	950	1,905	4,374	13,069	620
144	807	1,585	147	843	104	208	507	1,580	65
168	942	1,746	173	981	122	238	593	1,753	76
182	800	1,738	152	823	117	226	563	1,671	60
138	654	1,419	139	667	108	213	448	1,434	53
82	375	819	80	378	63	122	249	794	25
240	1,454	2,321	289	1,851	173	368	966	2,814	159
240	1,084	1,996	274	1,242	195	304	739	2,114	153
86	447	908	88	450	68	136	310	909	20
1,609	10,254	17,682	1,588	10,367	1,156	2,379	6,829	17,978	734
637	4,102	9,229	606	4,505	671	1,186	3,492	10,119	481
753	4,964	6,605	680	4,653	410	850	2,428	6,099	178
145	795	1,129	135	786	113	224	611	1,022	40
38	234	451	42	203	32	62	184	474	12
9	39	67	8	37	7	13	27	61	3
27	120	200	28	122	24	44	87	202	(*)
320	1,845	3,531	334	1,976	221	443	1,086	3,763	163
82	524	826	83	550	51	106	287	884	34
81	440	848	88	493	57	115	274	908	40
9	51	82	8	51	6	12	31	70	4
44	235	491	46	255	32	63	133	541	10
19	79	146	21	84	17	34	63	153	6
56	377	877	61	414	38	75	216	959	87
29	140	261	26	130	20	39	82	239	(*)
587	3,019	5,079	588	3,123	405	800	1,727	5,273	164
42	199	352	42	203	33	67	138	374	7
20	97	169	22	105	17	33	72	149	(*)
103	386	757	105	401	87	165	275	846	31
30	131	259	30	136	22	44	80	268	9
56	198	357	53	194	44	84	135	356	11
336	2,000	3,184	336	2,083	203	408	1,027	3,280	102
603	4,471	-----	603	4,471	-----	-----	-----	-----	52

<sup>1</sup> Value of production. The formula for computing adjusted value added by manufacture was modified to exclude any change in finished products inventories between beginning and end of year.

<sup>2</sup> Withheld because estimate did not meet publication standards.

<sup>3</sup> Includes privately owned and/or operated establishments classified in "Ordnance and accessories."

<sup>4</sup> 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: Department of Commerce, Bureau of the Census; *U.S. Census of Manufactures: 1958*, Vol. III, and *1960 Annual Survey of Manufactures*.

[U.S. totals differ slightly from those shown in

1	DIVISION AND STATE	1954			1958			
		Estab- lish- ments	Payroll	Value added by manufac- ture, ad- justed <sup>1</sup>	Estab- lish- ments	All employees <sup>2</sup>		Produc- tion workers <sup>3</sup>
						Num- ber <sup>3</sup>	Payroll	
			Mil. dol.	Mil. dol.		1,000	Mil. dol.	1,000
						16,025	78,326	11,666
1	United States <sup>4</sup> .....	286,817	65,936	116,905	299,036			
2	New England.....	24,625	5,455	9,129	24,588	1,399	6,294	1,049
3	Maine.....	3,015	325	565	2,733	98	3,777	84
4	New Hampshire.....	1,609	247	409	1,446	80	298	66
5	Vermont.....	1,071	124	223	1,010	32	132	25
6	Massachusetts.....	11,205	2,576	4,356	11,409	680	3,069	499
7	Rhode Island.....	2,635	432	697	2,736	114	452	91
8	Connecticut.....	5,090	1,750	2,877	5,248	394	1,965	285
9	Middle Atlantic.....	82,380	17,884	30,403	81,569	4,110	20,450	2,902
10	New York.....	50,402	8,468	14,141	48,523	1,914	9,617	1,303
11	New Jersey.....	13,183	3,507	6,332	14,009	795	4,068	564
12	Pennsylvania.....	18,795	5,910	9,930	19,037	1,401	6,766	1,034
13	East North Central.....	53,946	20,893	36,491	60,808	4,260	22,980	3,028
14	Ohio.....	14,550	5,818	10,154	14,931	1,201	6,517	856
15	Indiana.....	6,355	2,533	4,632	6,555	551	2,874	407
16	Illinois.....	17,628	5,421	9,664	18,100	1,188	6,216	835
17	Michigan.....	12,711	5,252	8,707	13,429	880	5,164	609
18	Wisconsin.....	7,702	1,869	3,334	7,793	439	2,208	320
19	West North Central.....	19,020	3,853	7,114	20,124	963	4,608	685
20	Minnesota.....	5,027	865	1,595	5,317	220	1,089	160
21	Iowa.....	3,320	648	1,236	3,567	166	812	121
22	Missouri.....	6,198	1,497	2,727	6,437	380	1,770	271
23	North Dakota.....	367	10	35	405	6	26	4
24	South Dakota.....	546	41	78	575	13	55	10
25	Nebraska.....	1,423	223	394	1,536	69	265	43
26	Kansas.....	2,139	560	1,049	2,287	119	591	87
27	South Atlantic.....	30,530	5,698	10,658	33,079	1,889	7,279	1,499
28	Delaware.....	556	267	353	547	68	340	80
29	Maryland.....	3,253	1,002	1,889	3,435	259	1,255	190
30	District of Columbia.....	484	92	167	507	21	114	11
31	Virginia.....	4,308	777	1,629	4,414	268	983	294
32	West Virginia.....	2,027	405	988	1,899	118	586	90
33	North Carolina.....	6,045	1,185	2,210	7,289	402	1,490	392
34	South Carolina.....	2,720	635	1,041	2,888	226	732	104
35	Georgia.....	5,655	854	1,592	5,796	314	1,077	201
36	Florida.....	4,792	389	798	6,304	172	690	125
37	East South Central.....	12,854	2,367	4,702	13,641	783	3,102	627
38	Kentucky.....	2,651	553	1,236	2,850	162	721	125
39	Tennessee.....	4,058	883	1,679	4,450	283	1,106	221
40	Alabama.....	3,893	690	1,319	3,927	230	920	189
41	Mississippi.....	2,252	239	468	2,414	109	355	92
42	West South Central.....	16,469	2,789	5,722	18,400	797	3,660	581
43	Arkansas.....	2,428	222	457	2,571	89	293	74
44	Louisiana.....	3,020	534	1,182	3,125	137	621	104
45	Oklahoma.....	2,131	364	581	2,360	93	458	60
46	Texas.....	8,890	1,690	3,502	10,338	478	2,288	343
47	Mountain.....	6,685	763	1,501	7,561	229	1,151	168
48	Montana.....	868	72	141	925	20	95	16
49	Idaho.....	981	94	179	1,059	28	128	22
50	Wyoming.....	323	27	51	329	7	34	5
51	Colorado.....	2,069	255	472	2,212	78	405	55
52	New Mexico.....	593	33	66	665	14	59	10
53	Arizona.....	817	111	192	1,150	41	216	30
54	Utah.....	852	121	276	986	38	186	27
55	Nevada.....	177	25	63	205	5	27	4
56	Pacific <sup>4</sup> .....	35,308	6,224	11,185	39,266	1,594	8,801	1,128
57	Washington.....	4,929	854	1,549	5,065	215	1,173	157
58	Oregon.....	5,870	567	1,037	6,025	134	649	110
59	California.....	24,509	4,807	8,597	28,322	1,217	6,871	839
60	Alaska.....	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	245	5	26	4
61	Hawaii.....	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	609	24	82	18

<sup>1</sup> See footnote 1, table 1093.<sup>2</sup> Includes employment and payroll at administrative offices and auxiliary units.<sup>3</sup> "Production workers" represents the average of the employment for the payroll periods ended nearest the 15th of March, May, August, and November. "All employees" represents the average of "Production workers" plus all other employees for the payroll period ended nearest the 15th of March.<sup>4</sup> Excludes expenditures for plants under construction and not yet in operation.

# Manufactures by States

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## STATISTICS, BY STATES: 1954 TO 1959

tables 1090, 1093, and 1101 because of revisions in State figures]

1958—Continued		1959						
Value added by manufacture, adjusted <sup>1</sup>	Capital expenditures, new <sup>4</sup>	All employees <sup>2</sup>		Production workers			Value added by manufacture, adjusted <sup>1</sup>	Capital expenditures, new <sup>4</sup>
		Number <sup>3</sup>	Payroll	Number <sup>3</sup>	Man-hours	Wages		
<i>Mil. dol.</i> 141,487	<i>Mil. dol.</i> 9,096	1,000 16,671	<i>Mil. dol.</i> 85,746	1,000 12,238	Millions 24,368	<i>Mil. dol.</i> 54,679	<i>Mil. dol.</i> 161,220	<i>Mil. dol.</i> 8,762
10,439	526	1,469	6,967	1,106	2,209	4,530	12,130	535
633	44	100	396	50	173	301	606	40
491	24	87	342	72	142	255	578	26
236	12	35	152	27	55	104	272	17
5,130	222	717	3,388	524	1,036	2,108	5,902	254
754	30	122	506	98	194	354	909	30
3,189	105	408	2,185	299	609	1,409	3,803	170
34,839	1,908	4,202	21,769	2,995	5,831	13,152	38,520	1,859
15,892	677	1,908	10,195	1,350	2,620	5,740	17,523	710
7,499	432	813	4,368	585	1,159	2,727	8,354	443
11,448	798	1,421	7,207	1,061	2,051	4,684	12,644	706
40,938	2,608	4,472	25,749	3,240	6,582	16,744	48,159	2,462
11,473	785	1,268	7,376	910	1,847	4,836	13,851	679
5,478	490	580	3,227	438	887	2,215	6,333	387
11,664	697	1,221	6,789	873	1,757	4,263	12,860	660
8,364	444	934	5,861	664	1,383	3,789	10,535	527
3,960	102	409	2,405	346	704	1,660	4,571	201
8,870	515	992	4,999	715	1,422	3,176	9,940	517
2,050	109	225	1,165	155	306	695	2,342	109
1,684	100	180	924	134	270	621	1,944	115
3,251	165	391	1,918	282	553	1,189	3,696	170
63	9	6	27	4	9	17	59	3
114	5	13	63	10	20	44	132	( <sup>6</sup> )
536	50	61	289	44	90	190	570	36
1,171	73	116	614	86	174	419	1,197	76
14,292	989	1,963	7,971	1,566	3,125	5,485	16,529	1,030
420	27	58	360	31	62	137	517	25
2,379	121	287	1,302	180	370	835	2,041	119
198	15	22	126	118	23	57	220	( <sup>6</sup> )
2,123	142	266	1,068	214	424	755	2,382	119
1,215	167	121	632	95	184	457	1,456	112
3,083	169	490	1,676	417	826	1,260	3,577	245
1,360	75	237	815	204	418	634	1,600	84
2,102	152	324	1,200	270	541	865	2,457	155
1,411	121	187	791	135	278	486	1,660	152
6,402	474	820	3,356	656	1,296	2,364	7,145	482
1,782	109	173	806	133	265	548	2,063	101
2,207	143	304	1,220	241	472	828	2,513	104
1,771	164	232	904	189	375	708	1,866	151
642	68	111	366	94	184	279	703	67
7,791	862	812	3,862	594	1,206	2,453	8,689	695
592	48	98	336	83	165	255	719	54
1,430	164	135	647	104	212	440	1,507	133
726	62	93	470	60	121	256	775	82
5,045	588	486	2,409	347	708	1,501	5,629	426
2,251	171	243	1,281	177	353	849	2,473	178
197	22	20	94	16	29	71	219	16
255	18	28	137	23	46	103	280	24
63	7	7	35	5	10	23	72	4
782	46	85	463	59	120	296	858	45
115	15	14	64	9	20	40	119	22
360	28	45	249	34	68	170	402	33
412	30	39	209	28	53	127	457	29
68	5	5	29	4	8	20	67	6
15,666	1,045	1,697	9,792	1,189	2,344	5,945	17,685	1,062
2,167	160	229	1,283	162	313	809	2,343	103
1,222	121	144	729	120	230	559	1,442	105
12,048	742	1,294	7,662	884	1,757	4,495	13,589	717
65	3	4	26	4	7	20	63	( <sup>6</sup> )
165	17	26	93	19	36	62	197	( <sup>6</sup> )

<sup>1</sup> Beginning 1958, includes Alaska and Hawaii.

<sup>2</sup> Withheld because estimate did not meet publication standards.

<sup>3</sup> Not available.

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Manufactures: 1958*, Vol. III, and *1959 Annual Survey of Manufactures*.

# NO. 1095. MANUFACTURES—SELECTED COSTS AND ASSET VALUES, BY MAJOR INDUSTRY GROUPS: 1957

[In millions of dollars. Excludes Alaska and Hawaii. Based on sample and subject to sampling variation; see text, pp. 769-771.]

MAJOR INDUSTRY GROUP	Payrolls, total <sup>1</sup>	EMPLOYEE PAYMENTS FOR—					EXPENDITURES FOR MAINTENANCE AND REPAIRS ON STRUCTURES, GROUNDS, AND EQUIPMENT			Insur- ance premi- ums <sup>3</sup>	Rental pay- ments	Prop- erty taxes	DEPRECIABLE OR DEPLETABLE ASSETS		
		Total	Legally required employee insurance plans—			Other pay- ments <sup>2</sup>	Total	Salaries and wages paid to own em- ployees	Other costs				Gross book value, Dec. 31, 1957	Depreciation and depletion	
			Old-age and sur- vivors	Unem- ploy- ment	Work- men's compen- sation										
All industries <sup>4</sup>	76,379	5,974	1,335	762	501	3,376	9,011	4,539	4,472	667	1,411	1,450	110,489	48,302	7,295
Food and kindred products	7,143	521	128	68	62	203	777	357	421	114	187	176	11,731	5,217	791
Tobacco manufactures	284	129	6	4	1	18	24	11	13	3	5	10	400	163	20
Textile mill products	3,183	193	63	45	19	65	354	148	206	27	51	39	4,934	2,117	262
Apparel and related products	3,604	210	67	37	16	70	98	43	55	37	114	19	1,006	471	91
Lumber and wood products	2,110	117	37	23	27	29	292	111	181	44	32	50	2,917	1,318	267
Furniture and fixtures	1,432	90	26	16	12	36	69	32	36	19	41	21	1,041	430	76
Pulp, paper, and products	2,734	202	49	23	22	108	514	239	275	28	54	74	7,165	2,699	383
Printing and publishing	4,301	233	67	27	16	123	172	78	94	33	121	47	3,698	1,530	254
Chemicals and products	4,090	376	67	30	26	253	909	459	451	54	74	120	13,105	3,733	877
Petroleum and coal products	1,150	147	18	6	7	117	301	263	238	21	48	83	7,936	3,641	487
Rubber products	1,310	121	23	10	8	81	149	78	71	7	17	26	1,782	891	119
Leather and leather goods	1,157	174	22	18	8	26	55	23	32	9	32	9	467	229	35
Stone, clay, and glass products	2,354	174	42	22	21	40	391	174	216	23	27	50	5,153	2,120	333
Primary metal industries	7,019	680	119	58	44	470	2,000	1,064	936	34	53	171	17,329	8,289	970
Fabricated metal products	5,383	419	95	56	51	218	450	234	216	50	104	101	5,713	2,367	400
Machinery, except electrical	9,050	716	157	78	59	421	624	326	298	59	137	160	9,421	4,301	680
Electrical machinery	5,133	420	92	57	24	247	360	186	174	27	85	65	4,059	1,689	302
Transportation equipment	10,486	927	182	117	53	576	986	563	423	47	130	178	9,303	3,888	729
Instruments and related products	1,571	119	26	14	7	72	97	54	44	9	26	20	1,263	494	85
Miscellaneous manufactures (in- cluding ordnance)	2,826	194	49	34	18	93	188	96	92	25	73	31	1,987	815	145

<sup>1</sup> Excludes cost of supplementary employee benefits.

<sup>2</sup> Includes private pension plans; life, health, and accident insurance; stock purchase plans; thrift or savings plans; supplemental unemployment compensation plans; and deferred profit sharing plans. Excludes cost of in-plant medical services; cost of free parking lots; discounts on employee purchases; cost of uniforms and other work clothing supplied to employees; and similar expenditures.

<sup>3</sup> Comprises all types of insurance on structures, equipment, inventories, liability, theft, window breakage, etc. Excludes insurance protection for employees and charges for company operated self-insurance funds.

<sup>4</sup> Net value of assets cannot be precisely derived from the value and depreciation data appearing here because some of the accumulated depreciation through the end of 1956 may have been against assets which were sold, dismantled, repaired, etc., before the end of 1957 and, therefore, not included in the gross assets figure.

<sup>5</sup> Operating manufacturing establishments only; data not available for central admin-istrative offices and auxiliaries which service manufacturing establishments.

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Manufactures: 1953*, Vol. 1.



**No. 1096. MANUFACTURES—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1954 AND 1958**

[For definition of standard metropolitan statistical area, see table 10, p. 13]

STANDARD METROPOLITAN STATISTICAL AREA	1954					1958				
	Establishments, number	All employees <sup>1</sup>		Value added by manufacture, adjusted <sup>2</sup>	Capital expenditures, new	Establishments, number	All employees <sup>1</sup>		Value added by manufacture, adjusted <sup>2</sup>	Capital expenditures, new
		Number	Pay-roll				Number	Pay-roll		
			Mil. dol.	Mil. dol.	Mil. dol.			Mil. dol.	Mil. dol.	Mil. dol.
Akron (Ohio) area.....	660	1,000 89	400	619	34	698	1,000 83	476	761	57
Albany-Schenectady-Troy (N.Y.) area.....	802	85	388	635	49	744	72	391	641	31
Allentown-Bethlehem-Easton (Pa.) area.....	1,007	94	354	593	43	1,005	94	430	684	45
Atlanta (Ga.) area.....	1,164	82	300	561	25	1,317	84	380	712	58
Baltimore (Md.) area.....	2,015	196	800	1,576	76	2,112	198	1,011	1,964	84
Binghamton (N.Y.) area.....	289	42	165	269	15	302	40	194	243	12
Birmingham (Ala.) area.....	605	61	254	482	32	660	63	336	587	43
Boston (Mass.) area.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	5,065	308	1,463	2,438	99
Bridgeport (Conn.) area.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	784	65	332	571	25
Buffalo (N.Y.) area.....	1,820	203	947	1,678	130	1,820	173	970	1,716	109
Canton (Ohio) area.....	456	57	249	440	19	469	51	270	500	27
Chattanooga (Tenn.) area.....	410	43	145	277	33	428	41	166	337	12
Chicago (Ill.) area.....	13,229	890	3,828	6,979	328	13,508	856	4,691	8,296	464
Cincinnati (Ohio) area.....	1,814	154	690	1,317	73	1,776	151	809	1,485	104
Cleveland (Ohio) area.....	3,744	301	1,444	2,401	218	3,898	265	1,613	2,511	142
Columbus (Ohio) area.....	792	74	319	581	35	835	72	376	623	48
Dallas (Tex.) area.....	1,482	80	319	532	22	1,756	96	461	845	45
Dayton (Ohio) area.....	897	107	510	818	52	930	97	547	908	41
Denver (Colo.) area.....	1,140	43	178	320	19	1,286	54	286	593	31
Detroit (Mich.) area.....	6,169	590	3,113	4,713	481	6,468	468	2,972	4,312	214
Erie (Pa.) area.....	422	41	173	286	14	428	35	179	308	25
Flint (Mich.) area.....	286	75	388	714	149	278	58	343	570	20
Fort Worth (Tex.) area.....	637	50	216	373	17	784	57	294	523	20
Gary-Hammond-East Chicago (Ind.) area.....	414	102	483	981	102	444	100	614	1,282	251
Grand Rapids (Mich.) area.....	776	52	245	454	28	841	44	284	410	15
Greensboro-High Point (N.C.) area.....	509	39	112	169	8	577	42	144	315	12
Hartford (Conn.) area.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	905	87	454	717	32
Houston (Tex.) area.....	1,401	79	372	869	87	1,750	93	515	1,164	151
Indianapolis (Ind.) area.....	1,102	103	469	845	48	1,101	96	533	955	65
Jersey City (N.J.) area.....	2,363	137	591	1,119	42	2,400	124	619	1,225	50
Kansas City (Mo.) area.....	1,513	118	512	1,040	46	1,625	102	521	1,067	60
Lancaster (Pa.) area.....	612	44	158	280	16	632	44	191	368	16
Los Angeles-Long Beach (Calif.) area.....	14,424	649	2,993	5,055	306	16,910	729	4,149	7,045	319
Louisville (Ky.) area.....	814	89	376	845	91	872	87	435	1,161	50
Memphis (Tenn.) area.....	632	42	155	336	32	708	41	176	394	33
Milwaukee (Wis.) area.....	2,222	189	871	1,494	71	2,298	185	1,021	1,723	78
Minneapolis-St. Paul (Minn.) area.....	2,289	143	628	1,117	49	2,433	145	751	1,397	50
Newark (N.J.) area.....	4,255	256	1,139	1,965	128	4,425	246	1,290	2,293	122
New Haven (Conn.) area.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	722	42	205	331	18
New Orleans (La.) area.....	856	54	195	375	65	901	46	204	467	26
New York (N.Y.) area.....	41,012	1,203	5,038	8,133	183	39,396	1,183	5,866	9,389	306
Paterson-Clifton-Passaic (N.J.) area.....	2,956	157	674	1,163	40	3,332	159	798	1,465	50
Peoria (Ill.) area.....	313	41	185	362	21	321	37	196	488	22
Philadelphia (Pa.) area.....	8,079	564	2,401	4,024	276	8,124	538	2,744	4,826	306
Pittsburgh (Pa.) area.....	2,381	332	1,558	2,482	164	2,479	304	1,784	2,622	263
Portland (Oreg.) area.....	1,787	57	244	475	27	1,758	58	296	598	32
Providence (R.I.) area.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	2,913	127	598	850	33
Reading (Pa.) area.....	609	49	169	294	17	697	48	193	342	16
Richmond (Va.) area.....	475	38	136	344	21	492	42	192	451	22
Rochester (N.Y.) area.....	979	115	529	920	59	1,015	104	589	1,073	54
St. Louis (Mo.) area.....	3,161	267	1,145	2,088	134	3,150	257	1,337	2,883	153
San Diego (Calif.) area.....	595	48	225	390	8	755	71	448	696	26
San Francisco-Oakland (Calif.) area.....	4,106	186	881	1,674	115	4,433	191	1,085	2,071	157
San Jose (Calif.) area.....	567	28	110	264	20	773	54	340	632	37
Seattle (Wash.) area.....	1,741	88	395	600	56	1,903	115	660	1,065	57
South Bend (Ind.) area.....	330	44	202	320	8	332	35	195	343	13

See footnotes at end of table.

**No. 1096. MANUFACTURES—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1954 AND 1958—Continued**

STANDARD METROPOLITAN STATISTICAL AREA	1954					1958				
	Establishments, number	All employees <sup>1</sup>		Value added by manufacture, adjusted <sup>2</sup>	Capital expenditures, new	Establishments, number	All employees <sup>1</sup>		Value added by manufacture, adjusted <sup>2</sup>	Capital expenditures, new
		Number	Pay-roll				Number	Pay-roll		
		1,000	Mil. dol.	Mil. dol.	Mil. dol.		1,000	Mil. dol.	Mil. dol.	Mil. dol.
Springfield-Holyoke (Mass.) area.....	( <sup>2</sup> )	( <sup>3</sup> )				962	71	342	692	25
Syracuse (N.Y.) area.....	766	70	296	554	30	760	70	367	680	25
Toledo (Ohio) area.....	710	63	308	516	30	742	58	358	570	17
Utica-Rome (N.Y.) area.....	503	43	169	328	10	473	41	195	345	17
Waterbury (Conn.) area.....	391	43	184	308	16	417	37	190	298	22
Wichita (Kans.) area.....	439	53	238	333	6	446	53	280	452	13
Wilmington (Del.) area.....	344	53	288	387	25	369	57	372	455	33
Worcester (Mass.) area.....	( <sup>2</sup> )	( <sup>3</sup> )			( <sup>3</sup> )	792	51	241	376	22
York (Pa.) area.....	624	45	162	283	18	608	41	168	324	13
Youngstown (Ohio) area.....	578	87	304	698	42	563	76	427	729	53
STANDARD CONSOLIDATED AREAS										
Chicago (Ill.)-Northwestern (Ind.) area.....	13,643	992	4,546	7,060	430	13,952	956	5,204	9,578	715
New York-Northeastern N.J. area.....	51,403	1,836	7,805	13,116	444	50,413	1,794	9,006	15,268	904

<sup>1</sup> Includes central administrative offices or auxiliary units which serve the manufacturing establishments of a company, rather than the general public. Separate reports were obtained from such units if they were at a different location or served more than 1 establishment.

<sup>2</sup> See footnote 1, table 1093.

<sup>3</sup> Not available on comparable basis with 1958 data.

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Manufactures: 1953*, Vol. III.

**No. 1097. VALUE OF MANUFACTURERS' INVENTORIES, BY MAJOR INDUSTRY GROUPS: 1959**

[In millions of dollars. As of end of year. Includes Alaska and Hawaii. Data based on new Standard Industrial Classification (1957) and therefore not comparable with figures shown in the 1960 and earlier editions of the *Statistical Abstract*; see text, p. 770]

MAJOR INDUSTRY GROUP	Total	Finished products	Work in process	Materials, supplies, fuels, etc.
<b>All industries.....</b>	<b>51,957</b>	<b>17,291</b>	<b>15,694</b>	<b>18,972</b>
Food and kindred products.....	5,588	3,166	320	2,093
Tobacco products.....	1,519	546	24	949
Textile mill products.....	2,170	805	580	791
Apparel and related products.....	1,754	768	338	658
Lumber and wood products.....	1,312	563	288	461
Furniture and fixtures.....	717	207	163	348
Paper and allied products.....	1,522	459	166	896
Printing and publishing.....	1,210	335	268	613
Chemicals and allied products.....	3,239	1,527	456	1,256
Petroleum and coal products.....	1,746	979	380	387
Rubber and plastics products, not elsewhere classified.....	1,029	537	155	337
Leather and leather products.....	586	212	147	227
Stone, clay, and glass products.....	1,362	676	169	516
Primary metal industries.....	5,392	1,636	1,636	2,493
Fabricated metal products.....	3,624	994	1,087	1,543
Machinery, except electrical.....	5,953	1,799	2,518	1,636
Electrical machinery.....	3,905	1,085	1,649	1,170
Transportation equipment.....	6,720	722	4,192	1,806
Instruments and related products.....	1,094	255	560	271
Miscellaneous manufactures <sup>1</sup> .....	1,502	401	579	522

<sup>1</sup> Includes privately owned and/or operated establishments classified in "Ordnance and accessories."

Source: Department of Commerce, Bureau of the Census; *1959 Annual Survey of Manufactures*.

**No. 1098. PERCENT OF TOTAL EMPLOYMENT IN LARGE MANUFACTURING COMPANIES, SELECTED INDUSTRIES: 1954 AND 1958**

[Excludes Alaska and Hawaii. First 30 industries as determined by 1958 employment. Average total employment for establishments has been summarized into company totals in each manufacturing industry. See also headnote, table 1099]

Industry code	INDUSTRY AND YEAR	Number of companies	Employment <sup>1</sup> (1,000)	PERCENT OF TOTAL EMPLOYMENT ACCOUNTED FOR BY—			Primary product specialization ratio <sup>2</sup>	Coverage ratio <sup>3</sup>
				4 largest companies	8 largest companies	20 largest companies		
3717	Motor vehicles and parts.....1954.....	991	640	69	75	84	(4)	(4)
	.....1958.....	989	531	70	74	85	(4)	(4)
3312	Blast furnaces and steel mills.....1954.....	(5)	554	54	60	84	(5)	(5)
	.....1958.....	148	513	52	68	84	(5)	(5)
3721	Aircraft.....1954.....	(7)	458	(9)	(7)	(9)	(9)	(9)
	.....1958.....	7 113	377	58	82	99	.84	.94
3661	Radios and related products.....1954.....	1,612	294	20	29	48	(4)	(4)
	.....1958.....	1,797	305	20	29	41	(4)	(4)
2711	Newspapers.....1954.....	8,445	282	14	10	27	.95	1.00
	.....1958.....	7,947	294	15	20	29	.96	1.00
2421	Sawmills and planing mills.....1954.....	16,594	321	5	7	12	.97	.81
	.....1958.....	15,731	258	6	9	14	.96	(5)
2051	Bread and related products.....1954.....	5,470	246	18	28	37	.98	.99
	.....1958.....	6,305	257	19	29	37	.98	.99
2233	Cotton broad-woven fabrics.....1954.....	413	296	18	28	47	.94	.84
	.....1958.....	321	242	23	37	57	.94	.82
3141	Footwear, except rubber.....1954.....	970	219	26	32	40	.99	.99
	.....1958.....	871	215	24	31	39	.99	.99
2027	Fluid milk.....1954.....	(5)	191	10	24	(5)	(5)	(5)
	.....1958.....	5,008	208	20	26	32	.90	.96
2011	Meat packing plants.....1954.....	2,228	220	44	56	65	.98	.87
	.....1958.....	2,646	201	36	49	60	.98	.88
2751	Commercial printing.....1954.....	11,970	200	10	14	21	.85	.86
	.....1958.....	13,023	198	10	15	22	.86	.84
2612	Paper and paperboard mills <sup>4</sup> .....1954.....	375	188	21	33	52	.99	.99+
3729	Aircraft equipment, n.e.c.....1954.....	1,054	181	21	31	50	.86	.66
	.....1958.....	1,097	162	26	39	54	.90	.68
3722	Aircraft engines.....1954.....	202	167	51	75	88	.93	.91
	.....1958.....	180	159	48	69	89	.94	.93
2911	Petroleum refining.....1954.....	253	153	39	61	84	.99	.98
	.....1958.....	285	146	36	59	81	.98	.98
2671	Paperboard boxes.....1954.....	1,433	133	13	20	33	.96	.98
	.....1958.....	1,447	141	14	23	37	.95	.98
2333	Dresses, unit price.....1954.....	4,072	143	2	3	6	.96	.95
	.....1958.....	3,606	136	2	3	6	(5)	(9)
3441	Structural and ornamental work.....1954.....	2,829	116	16	20	27	.89	.88
	.....1958.....	3,311	133	15	18	26	.88	.89
2511	Wood furniture, not upholstered.....1954.....	2,731	125	7	12	20	.94	.93
	.....1958.....	2,742	125	8	13	22	.94	.94
2033	Canned fruits and vegetables.....1954.....	1,461	120	40	29	39	.90	.94
	.....1958.....	1,347	123	21	20	41	.90	.95
3699	Machine shops.....1954.....	6,795	104	8	12	20	.88	.80
	.....1958.....	10,482	123	5	10	17	(5)	(9)
2811	Men's and boy's suits and coats.....1954.....	1,255	119	11	18	31	.91	.90
	.....1958.....	1,275	122	11	18	31	.91	.97
3099	Rubber industries, n.e.c.....1954.....	1,152	133	(9)	(9)	(9)	.88	.78
	.....1958.....	1,032	122	23	33	46	.86	.81
3731	Shipbuilding and repairing.....1954.....	328	109	42	57	73	.92	.99
	.....1958.....	293	120	45	64	79	.93	.99
3463	Metal stampings.....1954.....	2,215	128	12	18	28	.82	.83
	.....1958.....	2,326	119	11	17	27	.85	.85
3971	Plastics products, n.e.c.....1954.....	2,377	92	7	13	22	.90	.84
	.....1958.....	3,094	113	5	10	18	.92	.85
3321	Gray-iron foundries <sup>10</sup> .....1954.....	1,321	134	19	25	35	.94	.87
	.....1958.....	1,199	112	16	23	34	.95	.87
3585	Refrigeration machinery.....1954.....	561	128	33	47	65	(4)	(4)
	.....1958.....	607	112	31	47	64	(4)	(4)
2321	Men's dress shirts and nightwear.....1954.....	838	108	14	22	34	.90	.85
	.....1958.....	737	164	14	22	36	.88	.80

<sup>1</sup> For 1954, data represent average of all employees for payroll period ending nearest 15th of March, May, August, and November except that, for several industries, the total of all 12 months was used. For 1958, data represent average number of production workers for payroll period ending nearest 15th of March, May, August, and November plus all other employees for period ending March 15; no adjustment made for seasonality.

<sup>2</sup> See footnote 2, table 1099. <sup>3</sup> See footnote 3, table 1099. <sup>4</sup> See footnote 5, table 1099. <sup>5</sup> Not available. <sup>6</sup> See footnote 8, table 1099. <sup>7</sup> See footnote 9, table 1099. <sup>8</sup> 1954 figures not available on comparable basis. See footnote 11, table 1099. <sup>9</sup> See footnote 14, table 1099. <sup>10</sup> Includes, in addition to commercial (jobbing) foundries, "captive" foundries at separate locations producing gray-iron castings for other plants of the same company. Accordingly, the percentages do not reflect the market shares in the commercial foundry industry as such.

Source: Department of Commerce, Bureau of the Census; *Concentration Ratios in Manufacturing Industry, 1958*.

# No. 1099. PERCENT OF TOTAL SHIPMENTS MADE BY LARGE MANUFACTURING COMPANIES, SELECTED INDUSTRIES: 1954 AND 1958

[Excludes Alaska and Hawaii. First 45 industries as determined by value of shipments in 1958. Industry codes and descriptions are based on standard industrial classification (SIC) system used through 1947 and differ from those appearing in the 1953 Census of Manufactures Reports, Series MC-20 through MC-39. For a description of the industries, see the appropriate 1954 Census of Manufactures Industry Report or the 1958 Census of Manufactures Preliminary Reports, Series MC(P)-20 through MC(P)-39. Determination of company affiliation of establishments is based on Census reports and publicly available records. Value of shipments totals for establishments have been summarized into company totals in each manufacturing industry. "Largest" companies are determined by each company's value of shipments in the specified industry]

In- du- stry code	INDUSTRY AND CENSUS YEAR	Number of com- panies	Value of shipments <sup>1</sup> (\$1,000)	PERCENT OF TOTAL VALUE OF SHIPMENTS ACCOUNTED FOR BY—			Primary product speciali- zation ratio <sup>2</sup>	Cover- age ratio <sup>3</sup>
				4 largest com- panies	8 largest com- panies	20 largest com- panies		
3717	Motor vehicles and parts.....1954.....	991	4 6,111,479	4 75	4 80	4 87	(3)	(3)
	.....1958.....	989	4 6,410,040	4 75	4 81	4 89	(3)	(3)
3312	Blast furnaces and steel mills <sup>4</sup> .....1954.....	(7)	4 5,014,389	4 55	4 71	4 86	(7)	(7)
	.....1958.....	148	4 5,980,031	4 53	4 70	4 84	(7)	(7)
2011	Petroleum refining.....1954.....	253	11,757,218	33	55	84	.90	.93
	.....1958.....	285	14,106,250	32	55	82	.08	.93
2011	Meat packing plants.....1954.....	2,228	4 1,394,486	4 39	4 51	4 60	.98	.87
	.....1958.....	2,646	4 1,677,055	4 34	4 46	4 57	.98	.83
3721	Aircraft.....1954.....	(9)	4 3,348,876	(3)	(3)	(3)	(3)	(3)
	.....1958.....	9 113	4 3,375,900	4 59	4 83	4 99	.84	.91
2421	Sawmills and planing mills.....1954.....	16,594	3,247,200	7	11	18	.97	.81
	.....1958.....	15,731	6,158,225	8	12	18	.96	(9)
2027	Fluid milk <sup>10</sup> .....1954.....	(7)	4 5,586,750	22	28	(7)	(7)	(7)
	.....1958.....	5,008	5,802,015	23	29	37	.90	.95
2012	Paper and paperboard mills.....1954.....	391	11 3,792,810	19	31	48	.99	.99+
	.....1958.....	375	11 4,947,879	21	34	52	.90	.99+
3601	Radios and related products.....1954.....	1,612	4 2,130,207	4 24	4 35	4 53	(3)	(3)
	.....1958.....	1,797	4 2,552,699	4 27	4 38	4 52	(3)	(3)
2051	Bread and related products.....1954.....	5,470	3,067,017	20	31	40	.08	.99
	.....1958.....	5,305	3,699,473	22	33	42	.98	.99
2090	Food preparations.....1954.....	2,357	3,250,254	33	42	55	.94	.86
	.....1958.....	2,596	3,642,107	29	36	49	.94	.94
2711	Newspapers.....1954.....	8,445	3,091,027	18	24	34	.95	1.00
	.....1958.....	7,947	3,615,556	17	24	35	.96	1.00
3722	Aircraft engines.....1954.....	202	3,188,950	62	81	93	.93	.91
	.....1958.....	186	3,359,312	56	77	92	.94	.93
2829	Organic chemicals, n.e.c.....1954.....	202	2,198,687	59	73	87	.77	.80
	.....1958.....	250	3,070,155	55	70	85	.73	.80
2042	Prepared animal feeds.....1954.....	2,037	2,702,267	21	23	43	.95	.99
	.....1958.....	2,016	2,942,008	22	30	43	.97	.91
2033	Canned fruits and vegetables <sup>12</sup> .....1954.....	1,461	2,228,947	28	39	52	.90	.94
	.....1958.....	1,347	2,911,355	29	39	55	.90	.95
2233	Cotton broad-woven fabrics.....1954.....	413	2,789,621	18	29	49	.94	.84
	.....1958.....	351	2,719,432	25	40	59	.94	.83
2671	Paperboard boxes.....1954.....	1,433	2,179,580	16	26	41	.96	.95
	.....1958.....	1,447	2,688,594	17	27	45	.95	.95
2751	Commercial printing.....1954.....	11,970	2,202,074	10	16	24	.85	.89
	.....1958.....	13,023	2,645,592	10	16	25	.86	.84
3441	Structural and ornamental work.....1954.....	2,820	1,899,971	18	23	31	.89	.88
	.....1958.....	3,311	2,589,710	16	21	28	.88	.89
2834	Pharmaceutical preparations.....1954.....	1,128	1,643,140	25	44	68	.91	.94
	.....1958.....	1,064	2,533,424	27	45	73	.88	.94
2819	Inorganic chemicals, n.e.c. <sup>13</sup> .....1954.....	274	1,859,372	36	51	74	.87	.78
	.....1958.....	319	2,408,913	34	51	76	.88	.79
3729	Aircraft equipment, n.e.c.....1954.....	1,054	2,342,536	20	32	52	.86	.96
	.....1958.....	1,097	2,285,946	27	39	55	.90	.98
3011	Tires and inner tubes.....1954.....	27	1,841,732	79	91	99+	.88	.99
	.....1958.....	38	2,271,918	74	88	99	.86	.99+
2111	Cigarettes <sup>14</sup> .....1954.....	12	1,640,950	82	99+	100	.99	1.00
	.....1958.....	12	2,159,135	79	99+	100	.99	1.00
3141	Footwear, except rubber.....1954.....	970	1,790,717	30	36	45	.99	.99
	.....1958.....	871	2,026,200	27	34	43	.99	.99
2082	Beer and ale.....1954.....	263	1,857,093	27	41	60	1.00	1.00
	.....1958.....	211	1,979,730	28	44	68	1.00	1.00
2041	Flour and meal.....1954.....	692	1,858,888	40	52	68	.94	.84
	.....1958.....	703	1,990,993	38	51	68	.93	.85
3463	Metal stampings.....1954.....	2,215	1,727,544	14	21	33	.82	.83
	.....1958.....	2,326	1,944,341	12	19	32	.85	.85
2609	Paper and board products, n.e.c.....1954.....	770	1,427,622	25	39	58	.96	.89
	.....1958.....	834	1,921,603	34	45	60	.88	.88

See footnotes at end of table.

No. 1099. PERCENT OF TOTAL SHIPMENTS MADE BY LARGE MANUFACTURING COMPANIES IN SELECTED INDUSTRIES: 1954 AND 1958—Continued

Industry code	INDUSTRY AND CENSUS YEAR	Number of companies	Value of shipments <sup>1</sup> (\$1,000)	PERCENT OF TOTAL VALUE OF SHIPMENTS ACCOUNTED FOR BY—			Primary product specialization ratio <sup>2</sup>	Coverage ratio <sup>3</sup>
				4 largest companies	8 largest companies	20 largest companies		
3099	Rubber industries, n.e.c.-----1954..	1,152	1,677,072	(14)	(14)	(14)	.88	.78
	1958..	1,032	1,836,968	23	34	47	.86	.81
2823	Plastics materials-----1954..	149	1,231,448	47	69	88	.90	.76
	1958..	273	1,811,373	40	66	79	.86	.71
3411	Tin cans and other tinware-----1954..	109	1,366,760	80	88	96	.95	.99
	1958..	84	1,803,672	80	89	97	.95	.96
3971	Plastics products, n.e.c.-----1954..	2,377	1,192,895	8	13	25	.90	.84
	1958..	3,004	1,777,627	8	13	22	.92	.86
2851	Paints and varnishes-----1954..	1,337	1,494,399	27	37	50	.95	.97
	1958..	1,428	1,780,186	25	36	48	.93	.97
2721	Periodicals-----1954..	2,012	1,440,961	29	40	54	.95	.97
	1958..	2,245	1,650,606	31	41	55	.93	.97
2333	Dresses, unit price <sup>12</sup> -----1954..	4,072	1,455,080	4	7	12	.96	.95
	1958..	3,006	1,626,612	4	7	12	(7)	(7)
2015	Poultry dressing plants-----1954..	1,189	1,257,892	17	23	33	.96	.97
	1958..	1,041	1,618,251	12	16	25	.95	.97
3631	Construction and mining machinery-----1954..	589	1,132,333	19	29	50	.86	.81
	1958..	705	1,685,499	18	28	48	.86	.80
3621	Tractors-----1954..	141	1,177,974	74	90	97	.85	.93
	1958..	109	1,670,985	69	90	98	.83	.92
3273	Ready-mixed concrete <sup>10</sup> -----1958..	3,104	1,559,272	4	7	13	.94	.97
3699	Machine shops-----1954..	6,795	1,107,706	8	13	22	.88	.86
	1958..	10,482	1,544,312	7	12	20	(7)	(7)
3622	Farm machinery (except tractors)-----1954..	1,145	1,095,685	38	51	64	.89	.90
	1958..	1,288	1,467,836	38	47	59	.91	.92
2761	Lithographing-----1954..	2,879	962,552	8	12	20	.82	.79
	1958..	4,184	1,450,649	9	12	18	.81	.80
3392	Wire drawing-----1954..	150	1,260,436	36	54	74	.95	.99
	1958..	187	1,448,063	34	60	69	(7)	(7)

<sup>1</sup> Comprises for all manufacturing establishments classified in an industry (a) value of products "primary" to the industry, (b) value of "secondary" products, which are primary to other industries, and (c) "miscellaneous receipts" such as those for contract and commission work on materials owned by others, scrap and salable refuse, repair, etc. Excludes sales of products bought and resold in same condition. 1954 figures for some industries reflect minor revisions of previously published data.

<sup>2</sup> Measures extent to which establishments classified in an industry "specialize" in making products regarded as primary to the industry. That is, value of shipments of primary products of establishments in the industry is expressed as a ratio of total shipments of all products made by these establishments (excluding "miscellaneous receipts," such as those for contract and commission work on materials owned by others, scrap and salable refuse, repair, etc.). 1954 ratios for some industries reflect minor revisions of previously published data.

<sup>3</sup> Measures extent to which all shipments of primary products of an industry are made by establishments classified in the industry, as distinguished from secondary producers elsewhere. That is, value of shipments of primary products made by establishments classified in the industry is expressed as a ratio of total shipments of primary products made by all producers, both in and out of the specified industry. 1954 ratios for some industries reflect minor revisions of previously published data.

<sup>4</sup> Value added by manufacture used as basis for computing percentages because value of shipments data (used for ranking) contain substantial and unmeasurable amount of duplication.

<sup>5</sup> Not shown because total value of primary products shipped includes large amount of duplication.

<sup>6</sup> Based on combined figures for Industry 3311, Blast Furnaces; Industry 3312, Steelworks and Rolling Mills; Industry 2331, Beehive Coke Ovens; and Industry 2932, Byproduct Coke Ovens. <sup>7</sup> Not available.

<sup>8</sup> Comparable data not available. In 1954 any establishment manufacturing at least 1 complete aircraft was classified in Industry 3721, Aircraft. In 1958 an establishment manufacturing complete aircraft was classified in Industry 3721 if its value of work done on aircraft exceeded its value of shipments of any other single industry's products.

<sup>9</sup> Approximately 50 small companies were misclassified into Industry 3721, Aircraft, because of incomplete reporting of product information. However, this misclassification had only an insignificant effect on value added, on employment, and on percentages accounted for by the 4, 8, and 20 largest companies.

<sup>10</sup> In 1954, this industry was composed of 2 industries, 2026, Fluid Milk (only), and 2027, Fluid Milk and Other Products. 1954 figures on value of shipments and on percentages accounted for by the 4 and 8 largest companies have been recalculated on a basis comparable to 1958.

<sup>11</sup> In the 1958 Census integrated pulp and paper companies were given the option of reporting their pulp and paper (or board) operations on a combined basis when both were conducted at a single physical location. Most integrated companies exercised this option, but a few with departmental accounting chose to report separately for the pulp mill and paper (or board) mill, as they were required to do in 1954. The only other pulp mills separately reported in the 1958 Census were (1) those exclusively selling their pulp on the market (i.e., not associated or affiliated with a paper and board mill), and (2) those pulp mills affiliated or associated with paper or board mills but operated at a different physical location. The change had little effect on comparability of value of shipments for the industry.

<sup>12</sup> Value of production shown rather than value of shipments. Includes value of primary and secondary products made and miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap, and other salable refuse. <sup>13</sup> Includes Government-owned privately operating plants.

<sup>14</sup> Comparable data not available. Establishments primarily engaged in producing factory rebuilt and retreated tires were included in this industry in 1954 but included in the service trades in 1958.

<sup>15</sup> A number of small establishments were misclassified into Industry 3411. This misclassification, however, has no appreciable effect on the total value of shipments or on the percentages accounted for by the largest companies. <sup>16</sup> Excluded from 1954 Census.

Source: Department of Commerce, Bureau of the Census; *Concentration Ratios in Manufacturing Industry, 1958*.

## No. 1100. CAPITAL IN MANUFACTURING INDUSTRIES: 1930 TO 1961

[In billions of dollars. Beginning 1960, includes Alaska and Hawaii. Data refer to privately owned manufacturing industries and are based on the fixed capital formation components of the gross national product. For detailed discussion, see source. See also *Historical Statistics, Colonial Times to 1957*, series P 24-26, and for data on 1947=100 base, series P 20-23 and P 27-29]

ITEM	1930	1935	1940	1945	1950	1955	1958	1959	1960	1961
Purchases of structures and equipment:										
In current dollars.....	1.8	1.0	2.2	3.6	6.3	8.6	10.0	9.9	11.0	10.2
Structures.....	.8	.3	.7	1.0	1.6	3.0	3.3	2.7	3.0	2.7
Equipment.....	1.0	.8	1.5	2.5	4.6	5.6	6.7	7.2	8.0	7.5
In 1954 dollars.....	4.5	2.4	4.7	6.2	7.3	8.5	8.3	8.0	8.9	8.3
Structures.....	2.4	.8	1.9	1.9	1.9	3.0	2.8	2.2	2.5	2.2
Equipment.....	2.1	1.6	2.8	4.3	5.4	5.5	5.5	5.8	6.4	6.1
Depreciation on structures and equipment:										
In current dollars.....	1.6	1.4	1.7	2.4	4.8	6.7	8.9	9.3	9.6	9.8
Structures.....	.6	.6	.7	1.0	1.7	2.1	2.5	2.6	2.6	2.6
Equipment.....	1.0	.9	1.0	1.4	3.0	4.6	6.4	6.7	7.0	7.2
In 1954 dollars.....	3.8	3.6	3.7	4.1	5.5	6.6	7.4	7.6	7.8	7.9
Structures.....	1.7	1.7	1.7	1.7	1.9	2.0	2.1	2.1	2.1	2.1
Equipment.....	2.1	1.8	2.0	2.4	3.5	4.6	5.3	5.4	5.6	5.8
Net formation of capital: <sup>1</sup>										
In current dollars.....	.2	-.4	.5	1.2	1.5	1.9	1.1	.6	1.4	.4
Structures.....	.2	-.3	.1	.1	-.1	1.0	.8	.1	.4	.1
Equipment.....	.0	-.1	.4	1.1	1.6	.9	.3	.5	1.0	.3
In 1954 dollars.....	.7	-1.1	1.0	2.1	1.8	1.9	.9	.5	1.1	.4
Structures.....	.7	-.9	.2	.1	-.1	1.0	.6	.1	.3	.1
Equipment.....	.0	-.2	.8	1.9	1.9	.9	.3	.4	.8	.3
Real net value of structures, equipment, and inventories in 1954 dollars.....	82.7	70.1	77.4	85.0	107.0	120.4	138.8	142.6	145.0	146.5
Structures and equipment <sup>2</sup> .....	59.4	51.7	52.4	55.7	72.5	88.1	92.3	92.8	94.0	94.3
Structures.....	40.6	36.4	35.3	38.6	38.8	41.9	44.7	44.0	45.2	45.3
Equipment.....	18.9	15.3	17.1	22.1	33.7	42.2	47.6	48.0	48.8	49.0
Inventories.....	23.3	18.5	25.0	29.3	35.4	45.3	46.4	49.8	51.0	52.2

<sup>1</sup> Represents the difference between the purchase and depreciation series.

<sup>2</sup> Represents real net value of structures and equipment in preceding year plus net formation of capital for year shown.

Source: Department of Commerce, Office of Business Economics, *U.S. Income and Output*, a supplement to the *Survey of Current Business*, and *Survey of Current Business*, July 1962.

### No. 1101. MANUFACTURES—EXPENDITURES FOR NEW PLANT AND EQUIPMENT: ESTABLISHMENTS IN OPERATION, BY MAJOR INDUSTRY GROUPS: 1954 and 1958

[In millions of dollars. Excludes Alaska and Hawaii. See headnote, table 1097]

MAJOR INDUSTRY GROUP	1954 <sup>1</sup>	1958		
		Total expenditures	New structures and additions	New machinery and equipment
All industries.....	7,817	9,075	3,009	6,066
Food and kindred products.....	788	965	287	678
Tobacco products.....	28	38	7	31
Textile mill products.....	220	212	37	174
Apparel and related products.....	2 77	89	25	64
Lumber and wood products.....	2 77	89	25	64
Furniture and fixtures.....	62	82	30	51
Paper and allied products.....	533	618	198	431
Printing and publishing.....	237	409	176	272
Chemicals and allied products.....	927	1,116	275	841
Petroleum and coal products.....	674	672	625	147
Rubber and plastics products, n.e.c.....	174	197	43	154
Leather and leather products.....	28	32	7	25
Stone, clay, and glass products.....	(5)	442	125	313
Primary metal industries.....	(5)	1,428	528	900
Fabricated metal products.....	(3)	448	145	314
Machinery, except electrical.....	(3)	676	198	478
Electrical machinery.....	(3)	450	142	307
Transportation equipment.....	(3)	608	166	442
Instruments and related products.....	(3)	94	40	84
Miscellaneous <sup>4</sup> .....	(3)	183	62	121

<sup>1</sup> Not strictly comparable with figures for 1958 due to differences in coverage.

<sup>2</sup> Expenditures for establishments under construction excluded from industry group in order to avoid disclosing figures for individual companies. They are, however, included in the totals.

<sup>3</sup> Comparable data not available.

<sup>4</sup> Includes privately owned and/or operated establishments classified in "Ordnance and accessories."

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Manufactures: 1958*, Vol. I.

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## NO. 1102. MANUFACTURES—EXPENDITURES FOR NEW PLANT AND EQUIPMENT, ESTABLISHMENTS IN OPERATION, BY STATES: 1954 TO 1959

[In thousands of dollars, except percent. See headnote, table 1101. 1958 total differs slightly from that shown in table 1101 because of revisions in State data]

STATE	1954	1957		1958	1959	
		Expenditures	Standard error <sup>1</sup> (percent)		Expenditures	Standard error <sup>1</sup> (percent)
United States <sup>2</sup> .....	7,816,752	11,408,069	1	9,096,204	8,761,884	1
New England.....	424,264	597,565	2	525,780	535,339	4
Maine.....	58,985	59,147	6	43,597	40,020	3
New Hampshire.....	18,492	25,410	5	24,305	25,837	18
Vermont.....	8,870	21,060	1	11,598	16,707	10
Massachusetts.....	180,008	243,951	1	221,501	253,580	4
Rhode Island.....	27,671	85,238	9	29,515	29,640	13
Connecticut.....	120,591	212,169	3	195,204	169,555	9
Middle Atlantic.....	1,552,857	2,153,392	2	1,907,666	1,859,074	3
New York.....	572,125	711,623	2	676,852	710,130	2
New Jersey.....	359,816	500,180	3	432,395	443,333	4
Pennsylvania.....	620,915	941,589	4	708,419	705,611	6
East North Central.....	2,653,950	3,609,341	2	2,607,758	2,462,327	2
Ohio.....	700,932	1,134,029	2	784,644	678,578	1
Indiana.....	301,460	594,169	1	490,203	386,526	2
Illinois.....	551,069	875,127	2	937,273	608,789	2
Michigan.....	970,465	694,703	2	444,030	527,208	1
Wisconsin.....	169,422	310,713	19	191,068	201,226	2
West North Central.....	389,113	541,316	5	515,187	517,320	5
Minnesota.....	82,188	98,880	4	108,521	109,144	6
Iowa.....	73,410	110,561	6	99,806	114,679	6
Missouri.....	124,394	171,899	3	164,670	169,639	2
North Dakota.....	16,244	3,646	10	9,142	3,003	17
South Dakota.....	3,444	2,504	22	5,211	(3)	---
Nebraska.....	36,414	74,675	30	49,006	35,650	12
Kansas.....	53,017	79,161	8	77,871	76,324	7
South Atlantic.....	789,323	1,412,366	2	988,782	1,030,251	2
Delaware.....	23,375	68,970	2	27,311	25,005	7
Maryland.....	93,908	259,009	5	120,899	118,504	4
District of Columbia.....	6,536	13,383	10	14,732	(5)	---
Virginia.....	109,887	214,730	5	141,641	118,603	2
West Virginia.....	98,883	203,430	1	167,199	111,002	2
North Carolina.....	129,622	183,329	8	108,612	244,645	7
South Carolina.....	59,629	100,203	5	75,159	83,946	1
Georgia.....	162,849	177,846	3	152,440	155,285	2
Florida.....	104,631	140,600	4	120,789	151,506	6
East South Central.....	395,995	647,461	2	474,468	482,335	2
Kentucky.....	124,037	136,775	3	108,855	100,821	3
Tennessee.....	152,098	207,836	2	143,130	163,776	2
Alabama.....	82,248	265,761	2	164,478	150,917	2
Mississippi.....	37,008	37,000	15	57,945	66,821	15
West South Central.....	721,066	1,119,251	1	862,063	695,236	1
Arkansas.....	42,715	38,092	12	47,734	54,181	7
Louisiana.....	174,396	231,137	2	164,044	132,004	6
Oklahoma.....	51,740	61,999	3	61,927	82,257	2
Texas.....	452,214	797,423	2	588,368	426,194	1
Mountain.....	125,471	195,973	6	170,712	178,424	8
Montana.....	20,574	19,998	13	21,693	16,454	10
Idaho.....	19,254	17,743	21	18,409	23,692	7
Wyoming.....	6,899	10,426	1	6,955	4,243	10
Colorado.....	30,121	52,808	5	45,833	44,635	7
New Mexico.....	6,585	10,952	5	15,423	21,085	10
Arizona.....	13,800	(3)	5	27,698	33,291	9
Utah.....	23,385	33,660	5	29,516	28,914	3
Nevada.....	4,860	8,762	15	5,155	5,510	13
Pacific <sup>3</sup> .....	764,713	1,131,090	2	1,044,538	1,001,575	4
Washington.....	147,130	211,519	3	160,445	103,262	3
Oregon.....	67,811	74,881	7	121,317	105,441	4
California.....	549,801	844,690	2	742,331	716,789	4
Alaska.....	---	---	---	3,204	(3)	---
Hawaii.....	---	---	---	17,181	(3)	---

<sup>1</sup> See Technical Note, p. 771, for explanation of standard error.

<sup>2</sup> Beginning 1958, includes Alaska and Hawaii.

<sup>3</sup> Withheld because the estimate did not meet publication standards.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Manufactures: 1958*, Vol. I, and *Annual Survey of Manufactures*.

## No. 1103. WATER USE IN MANUFACTURING INDUSTRIES, BY MAJOR INDUSTRY GROUP: 1959

[Water in billions of gallons. Includes Alaska and Hawaii. For establishments reporting intake of 20 million or more gallons of water, which account for more than 90 percent of the water used in manufacturing.]

MAJOR INDUSTRY GROUP	NUMBER OF ESTABLISHMENTS			WATER INTAKE						WATER DISCHARGE		Water required if none recirculated or reused	
	Total	Recirculating or reusing water	Treating water prior to recirculation or reuse	All purposes		Fresh, from—			Brackish (salt) *	Total	Treated prior to discharge 1		
				Total	Treated prior to use 1	Public water system	Company surface water system	Company ground water system					
All industries.....	7,720	5,518	1,872	12,175	1,921	9,733	1,303	7,265	1,164	2,442	11,449	2,309	26,621
Food and kindred products.....	1,720	1,230	384	624	69	555	154	187	215	69	571	74	1,298
Tobacco manufactures.....	23	20	12	3		3	3		(3)		2		4
Textile mill products.....	511	266	57	135	68	135	40	83	12	1	120	17	182
Apparel and related products.....	119	13	6	10	2	9	9		(3)	(3)	1		11
Lumber and wood products.....	178	131	39	140	7	116	9	95	12	24	126	31	184
Furniture and fixtures.....	21	24	2	3		2	1	1	(3)	(3)	2		4
Pulp, paper, and allied products.....	360	586	207	1,937	895	1,768	220	1,210	338	170	1,824	406	6,046
Printing and publishing.....	79	52	14	13	2	11	9	2	9	13	13		47
Chemicals and allied products.....	933	688	264	3,240	317	2,983	132	1,703	249	1,157	3,061	499	5,225
Petroleum and coal products.....	245	216	145	1,319	141	719	131	492	96	600	1,204	656	5,780
Rubber products.....	243	180	48	127	13	122	27	73	23	4	119	4	335
Leather and leather goods.....	84	32	11	12	1	12	5	4	3	(3)	12		14
Stone, clay, and glass products.....	471	285	80	295	33	266	27	207	33	29	268	11	650
Primary metal industries.....	769	551	167	3,702	369	3,408	280	3,016	113	294	3,551	556	5,673
Fabricated metal products.....	439	280	61	44	8	42	34	2	7	1	41	3	71
Machinery, except electrical.....	318	224	85	171	13	147	38	95	15	23	165	31	251
Electrical machinery.....	351	247	94	93	6	82	46	23	13	11	88	7	139
Transportation equipment.....	477	344	144	260	27	203	118	60	25	56	229	22	522
Instrument and related products.....	72	53	22	23	8	23	7	11	5	(3)	22	7	60
Miscellaneous manufactures.....	108	77	27	26	5	25	14	6	5	(3)	23	3	57

<sup>1</sup> Includes simple as well as complex treatment.

<sup>2</sup> Containing more than 1,000 parts per million of dissolved solids.

<sup>3</sup> Less than 500 million gallons.

Source: Department of Commerce, Bureau of the Census; U. S. Census of Manufactures: 1958, Vol. I, and records.



## No. 1104. PRODUCTION OF PRINCIPAL FROZEN FOODS: 1950 to 1960

(In millions of pounds. Includes Alaska and Hawaii)

YEAR	Total	VEGETABLES		Fruits and berries, excluding citrus juices	Citrus juices <sup>1</sup>	Meat	Poultry	Prepared foods	Seafoods
		Total, excluding potatoes	Potato products						
1950.....	3,079	558	29	472	1,212	35	411	75	287
1951.....	3,880	722	48	430	1,583	55	582	135	326
1952.....	4,982	838	58	420	2,273	80	800	200	313
1953.....	5,804	1,033	71	542	2,583	125	850	325	275
1954.....	6,664	880	85	523	3,289	175	950	450	303
1955.....	7,307	1,011	129	660	3,318	250	1,000	625	315
1956.....	8,406	1,343	190	694	3,688	325	1,080	750	325
1957.....	8,442	1,145	220	671	3,706	365	1,180	840	314
1958.....	8,126	1,164	269	610	3,300	340	1,200	920	323
1959.....	9,738	1,256	371	618	4,291	325	1,500	1,040	337
1960.....	10,318	1,408	551	660	3,960	310	2,000	1,100	329

<sup>1</sup> Includes single-strength orange juice, lemon juice, grapefruit juice, lime juice, and citrus purees. Concentrated juices reconstituted.

Source: National Frozen Food Association, New York, N.Y.; annual report, *Frozen Food Fact Book and Directory*.

## No. 1105. WHOLESALE DISTRIBUTORS' AND CANNERS' STOCKS OF SPECIFIED CANNED FOODS: 1959 to 1962

(In thousands of actual cases. As of January 1, except as noted. Excludes Alaska and Hawaii, except as noted. Includes warehouses of retail multiunit organizations. Based on sample)

COMMODITY	1959		1960		1961		1962	
	Distrib- utors	Canners	Distrib- utors <sup>1</sup>	Canners	Distrib- utors <sup>1</sup>	Canners	Distrib- utors <sup>1</sup>	Canners
<b>Vegetables:</b>								
Asparagus.....	659	2,705	721	2,569	692	2,796	667	2,912
Beans, green and wax.....	2,771	18,482	2,863	16,181	2,933	16,271	2,909	20,887
Beans, lima.....	528	<sup>2</sup> 1,744	551	<sup>2</sup> 1,544	497	<sup>2</sup> 1,817	480	( <sup>3</sup> )
Beets.....	1,045	6,743	1,136	5,721	1,032	4,918	975	5,532
Carrots.....	415	2,268	452	1,685	443	2,549	457	2,142
Corn.....	3,948	21,396	3,738	25,020	3,648	21,386	3,770	28,273
Peas.....	3,264	23,975	3,517	19,220	3,235	15,887	2,078	14,459
Pumpkin and squash.....	406	<sup>4</sup> 1,220	440	<sup>4</sup> 1,211	424	<sup>4</sup> 1,417	414	<sup>4</sup> 1,379
Sauerkraut <sup>5</sup> .....	647	4,930	810	3,274	661	4,398	707	4,728
Spinach.....	572	( <sup>3</sup> )	621	2,144	612	2,279	608	2,529
Tomatoes.....	3,215	16,493	3,135	13,348	3,033	12,650	2,130	14,398
Tomato catsup and chili sauce.....	2,066	24,336	2,270	22,147	2,314	25,945	2,362	27,152
<b>Fruits:</b>								
Apples.....	497	<sup>6</sup> 2,523	399	<sup>6</sup> 2,947	537	<sup>6</sup> 2,419	410	<sup>6</sup> 2,433
Applesauce.....	1,422	10,667	1,228	12,299	1,515	12,603	1,328	11,010
Apricots.....	558	<sup>7</sup> 858	748	<sup>7</sup> 1,997	713	<sup>7</sup> 3,693	713	<sup>7</sup> 3,028
Cherries, red-pitted.....	429	1,206	435	2,014	424	1,062	386	1,176
Cherries, sweet.....	239	622	223	<sup>7</sup> 425	202	<sup>7</sup> 317	211	<sup>7</sup> 677
Fruit cocktail <sup>8</sup> .....	1,443	<sup>7</sup> 7,347	1,599	<sup>7</sup> 8,252	1,505	<sup>7</sup> 9,303	1,822	<sup>7</sup> 9,764
Grapefruit segments <sup>9</sup> .....	349	1,581	357	2,483	353	<sup>7</sup> 17,193	3,075	<sup>7</sup> 17,094
Peaches.....	3,771	<sup>7</sup> 12,989	3,777	<sup>7</sup> 15,702	3,523	<sup>7</sup> 6,221	1,121	<sup>7</sup> 7,066
Pears.....	1,209	<sup>7</sup> 5,718	1,212	<sup>7</sup> 6,532	1,205	<sup>7</sup> 6,221	1,121	<sup>7</sup> 7,066
Pineapple <sup>10</sup> .....	1,879	9,604	1,950	8,628	1,780	9,537	1,854	10,571
Plums <sup>11</sup> .....	279	710	318	986	208	<sup>7</sup> 261	283	<sup>7</sup> 679
<b>Juices:</b>								
Citrus blends <sup>9</sup> .....	389	489	327	824	340	432	301	621
Grapefruit <sup>9</sup> .....	905	1,086	630	1,757	705	1,106	666	1,451
Orange <sup>9</sup> .....	708	3,101	793	5,634	703	4,389	732	3,946
Pineapple <sup>10</sup> .....	1,185	<sup>7</sup> 7,177	1,061	<sup>7</sup> 7,794	1,302	6,410	1,351	6,852
Tomato <sup>12</sup> .....	2,134	25,853	2,172	22,349	2,261	21,993	1,981	20,063
<b>Fish:</b>								
Maine sardines <sup>13</sup> .....	268	891	235	843	233	1,029	193	144

<sup>1</sup> Includes Alaska and Hawaii.

<sup>2</sup> As of February 1. <sup>3</sup> Not available. <sup>4</sup> As of December 1.

<sup>5</sup> Canners stocks converted to cases by using a factor of 10 cases of 24/24's per barrel of 45 gallons.

<sup>6</sup> Standard cases 6/10's. <sup>7</sup> Standard cases 24/24's. <sup>8</sup> Includes fruit for salad and mixed fruits (except citrus). <sup>9</sup> Canners stocks cover Florida only. <sup>10</sup> Canners stocks cover Hawaii and the Philippines.

<sup>11</sup> Canners stocks cover purple plums only. <sup>12</sup> Includes vegetable juice combinations containing at least 70 percent tomato juice. <sup>13</sup> Canners stocks in standard cases, 100/3/4-ounce cans.

Source: Data compiled by Department of Commerce, Bureau of the Census, from reports by various trade associations; published in *Canned Food Report*.

# No. 1106. CANNED FRUIT AND VEGETABLE PRODUCTS—ANNUAL PRODUCTION: 1950-51 TO 1961-62

[In millions of standard cases of 24 No. 2 cans, except as noted. Data are for pack years ending in year shown and are partly estimated. Excludes Alaska and Hawaii, except as noted. See also *Historical Statistics, Colonial Times to 1957*, series P 190-191, for canned corn and tomatoes]

PRODUCT	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962
<b>Fruits<sup>1</sup></b> .....	74.2	81.5	75.5	78.3	81.4	90.5	96.1	88.5	90.1	101.5	100.3	(2)
Apples.....	4.9	3.1	2.4	2.7	4.3	3.3	3.6	3.4	3.3	3.7	3.0	3.7
Applesauce.....	8.3	5.5	5.5	7.0	9.4	8.3	9.5	8.9	10.4	11.4	11.7	12.6
Apricots.....	3.7	4.6	4.0	4.8	2.8	5.9	4.2	4.2	1.9	5.0	6.1	4.8
Berries.....	1.3	1.7	1.5	1.4	1.4	1.1	1.0	1.3	1.2	1.2	0.8	0.8
Cherries, red, pitted.....	3.8	3.6	2.9	2.8	2.3	3.5	1.8	2.6	2.0	3.0	1.6	2.4
Cherries, other.....	0.7	0.9	1.3	1.1	1.0	1.4	0.7	1.0	1.0	0.7	0.6	1.1
Cranberries.....	2.5	2.7	2.5	2.3	3.0	3.0	3.1	3.0	3.1	3.7	2.2	3.4
Figs.....	0.5	0.7	0.8	0.5	0.5	0.6	0.6	0.5	0.5	0.3	0.5	0.4
Grapefruit.....	3.2	2.4	2.6	3.0	3.6	3.3	3.1	2.9	3.2	2.8	3.0	(2)
Mixed fruits.....	8.2	10.0	8.3	9.2	10.0	10.9	12.2	11.7	11.6	13.3	14.0	14.8
Peaches.....	16.6	22.8	19.3	21.1	18.5	22.5	27.9	23.9	24.8	29.3	30.0	30.7
Pears.....	6.4	6.6	6.6	6.8	7.8	8.3	8.9	8.6	7.9	9.5	8.5	9.1
Pineapple <sup>2</sup> .....	11.3	12.9	14.6	13.4	13.1	14.7	14.6	13.5	14.2	14.2	15.0	15.2
Plums and prunes.....	1.0	2.4	1.6	1.4	1.7	1.7	2.3	1.1	1.3	1.8	0.4	1.7
Olives, ripe.....	1.8	2.3	1.7	1.3	2.0	1.9	2.6	1.9	2.2	1.6	2.9	1.9
<b>Juices:</b> .....												
Apple.....	3.4	3.0	3.1	3.0	4.1	3.4	4.0	4.4	5.2	6.6	6.2	6.9
Grapefruit.....	18.3	9.2	11.6	16.0	12.0	13.8	14.2	10.7	11.4	11.3	11.0	(2)
Lemon.....	0.4	0.4	0.7	0.3	0.5	0.7	0.6	0.7	0.8	(2)	(2)	(2)
Orange.....	22.5	20.9	18.9	18.6	18.1	16.6	17.6	18.3	14.3	16.3	11.5	(2)
Orange-grapefruit.....	9.4	6.6	6.1	6.5	5.1	5.4	5.3	5.0	4.4	4.5	3.2	(2)
Pineapple <sup>3</sup> .....	13.7	12.2	16.9	16.4	16.0	16.2	16.7	12.5	15.2	13.4	14.4	15.3
Tomato.....	26.2	36.2	35.8	37.8	27.1	26.9	43.6	32.6	37.5	31.1	33.0	31.6
<b>Seasonal vegetables:</b> .....	124.3	149.2	139.8	140.7	135.0	136.9	159.0	150.0	151.4	147.4	145.8	166.5
Asparagus.....	4.5	4.8	4.4	4.0	5.0	6.2	5.4	5.9	6.2	5.8	6.5	6.9
Beans, green and wax.....	21.0	19.4	16.3	22.6	27.1	23.4	24.0	26.2	26.4	25.3	27.2	32.9
Beans, lima.....	3.2	3.0	2.3	3.1	3.5	2.8	3.4	2.5	2.5	2.7	3.1	3.5
Beets.....	8.2	7.5	6.7	8.6	7.1	7.5	9.7	8.4	7.9	7.9	7.3	8.7
Carrots.....	1.9	2.2	2.8	2.7	2.1	1.8	3.1	2.4	3.2	2.9	4.1	3.2
Corn.....	18.2	25.6	32.3	31.0	30.6	24.1	35.7	31.5	27.1	33.8	28.9	37.9
Greens, leafy.....	2.0	2.8	2.9	2.3	2.1	2.5	2.2	2.1	2.5	1.8	2.4	2.0
Mixed vegetables.....	2.4	1.9	2.0	1.8	1.7	1.7	1.7	1.4	1.9	1.8	2.2	2.0
Peas, field.....	1.7	1.4	1.5	2.0	1.3	1.8	0.9	1.4	2.0	1.7	1.7	1.9
Peas, green.....	29.1	33.9	26.5	28.0	24.0	27.4	29.2	33.9	29.5	25.7	23.5	26.6
Pimientos.....	1.2	0.4	0.3	1.0	0.7	1.0	0.3	0.4	0.5	0.6	0.7	1.0
Pumpkin and squash.....	2.2	4.4	5.4	3.0	2.1	4.2	5.1	3.3	3.5	3.7	4.1	3.6
Spinach.....	5.6	7.6	6.1	5.4	4.0	6.0	6.4	6.3	5.2	7.1	6.4	6.3
Tomatoes.....	21.1	31.8	28.0	22.3	21.8	24.7	29.9	21.7	30.5	24.1	25.4	27.9
Other vegetable packs <sup>4</sup> .....	2.0	2.5	2.3	2.9	1.9	1.8	2.0	2.6	2.5	2.5	2.3	2.1
<b>Nonseasonal vegetables:</b> .....												
Sauerkraut.....	8.9	7.2	7.1	8.2	8.1	7.6	8.1	7.9	7.6	6.7	8.1	(2)
Sweet potatoes.....	4.3	3.2	5.0	4.9	4.1	5.1	5.1	5.3	7.0	7.3	6.7	6.7
White potatoes.....	1.6	1.3	2.6	2.8	1.7	2.7	2.9	3.2	3.4	3.0	3.4	3.8
<b>Tomato products:</b> .....	26.0	46.9	37.2	30.3	31.4	41.3	55.1	39.2	48.6	40.5	49.8	(2)
Catsup and chili sauce.....	11.7	19.8	15.5	16.2	14.4	18.4	24.7	18.2	21.1	19.3	21.6	24.3
Paste and sauce.....	10.3	19.4	17.0	11.5	13.8	18.6	24.2	16.4	23.2	17.7	20.8	(2)
Pulp and puree.....	4.0	7.7	4.7	3.6	3.2	4.3	6.2	4.6	4.3	3.5	4.4	5.7

<sup>1</sup> Basis 24 No. 2½ cans.

<sup>2</sup> Not available.

<sup>3</sup> Hawaiian pack plus receipts from Puerto Rico. 1951-62 represents U.S. pack and foreign operations.

<sup>4</sup> Succotash, triple succotash, carrots and peas, okra, okra and tomatoes.

Source: National Canners Association, Washington, D.C.; *Canned Food Pack Statistics*, and records.

# No. 1107. CANNED VEGETABLES, FRUITS, JUICES, AND FISH—CANNERS' TOTAL SUPPLY, CARRYOVER, PACK, AND SHIPMENTS: 1959-1960 to 1961-1962

[In thousands of actual cases. Excludes Alaska and Hawaii, except as noted]

COMMODITY	Season beginning date	TOTAL SUPPLY		1961-1962 SEASON			SHIPMENTS FROM SEASON DATE TO—	
		1959-1960	1960-1961	Total supply	Carry-over	Pack	Jan. 1, 1961	Jan. 1, 1962
<b>Vegetables:</b>								
Asparagus.....	Mar. 1	8,697	9,322	9,582	1,522	8,060	6,526	6,660
Beans, green and wax.....	July 1	33,159	30,676	36,769	4,108	32,661	14,405	15,881
Beans, lima.....	Aug. 1	3,562	3,851	4,404	550	3,854	(?)	(?)
Beets.....	July 1	11,007	8,945	9,881	1,672	8,309	4,027	4,349
Carrots.....	July 1	4,749	4,144	3,557	1,458	2,099	1,696	1,415
Corn.....	Aug. 1	42,823	37,374	40,532	2,117	44,415	15,988	15,259
Pears.....	June 1	38,670	33,248	32,791	2,921	29,870	17,391	18,333
Pumpkin and squash.....	July 1	3,585	4,192	3,971	952	3,019	2,775	2,592
Sauerkraut.....	Aug. 1	6,649	7,094	7,743	1,841	5,902	2,606	3,015
Spinach.....	Mar. 1	8,210	7,271	7,869	2,097	5,772	4,992	5,339
Tomatoes.....	July 1	29,030	25,773	27,307	4,282	23,115	13,158	13,029
Tomato catsup and chili sauce.....	July 1	38,365	43,117	44,706	8,601	36,195	17,172	17,644
<b>Fruits:</b>								
Apples.....	Sept. 1	4,888	3,900	4,096	622	3,474	1,481	1,664
Applesauce.....	Sept. 1	19,235	19,030	19,436	2,822	16,614	6,336	7,526
Apricots.....	June 1	6,381	8,252	8,038	2,240	5,798	3,077	3,579
Cherries, red, pitted.....	July 1	4,325	2,555	3,242	103	3,139	1,493	2,065
Cherries, sweet.....	June 1	1,481	1,167	1,825	121	1,704	647	612
Fruit cocktail.....	June 1	22,177	23,234	25,648	4,995	20,653	7,258	8,568
Guavafruit segments.....	Oct. 1	5,482	2,552	2,785	933	1,852	1,040	1,209
Peaches.....	June 1	38,904	40,017	41,622	6,824	34,798	17,510	19,300
Pears.....	June 1	14,375	13,448	14,444	3,140	11,304	4,588	4,548
Pineapple.....	June 1	24,609	20,218	21,985	6,784	15,201	10,681	11,813
Purple plums.....	June 1	2,044	708	1,866	46	1,820	507	887
<b>Juices:</b>								
Citrus blends.....	Oct. 1	3,998	1,106	1,329	329	1,000	674	708
Grapefruit.....	Oct. 1	9,422	2,545	3,298	1,754	1,544	1,439	1,847
Orange.....	Oct. 1	17,994	6,582	6,322	1,183	5,139	2,193	2,376
Pineapple.....	June 1	15,932	14,619	14,192	4,058	10,134	6,419	7,341
Tomato.....	July 1	38,300	38,067	36,637	7,792	28,845	16,074	15,674
<b>Fish:</b>								
Maine sardines.....	Apr. 15	2,171	2,300	1,132	467	1,675	1,271	988

<sup>1</sup> Pack to January 1, 1962. <sup>2</sup> Not available. <sup>3</sup> Shipments to December 1.

<sup>4</sup> Converted to cases by using a factor of 10 cases of 24 2/3's per barrel of 45 gallons.

<sup>5</sup> Standard cases, basis 6/10's. <sup>6</sup> Standard cases, basis 24 2/3's. <sup>7</sup> Includes fruits for salad and mixed fruits

(except citrus). <sup>8</sup> Florida only. <sup>9</sup> Hawaii and the Philippines.

<sup>10</sup> Includes vegetable juice combinations containing at least 70 percent tomato juice.

<sup>11</sup> Standard cases, basis 100/3 1/4-ounce cans.

Source: Department of Commerce, Bureau of the Census; *Canned Food Report*.

## No. 1108. SELECTED MEDICINALS—PRODUCTION AND SALES: 1945 TO 1960

[Sales data are for original manufacturers only]

ITEM	1945	1950	1955	1956	1957	1958	1959	1960
<b>Penicillin salts:</b>								
Production.....billion units.....	7,454	219,903	344,243	478,259	525,738	391,574	429,781	498,130
Sales.....do.....	7,092	182,943	336,300	448,599	455,586	372,288	370,668	386,790
Value.....\$1,000.....	46,462	93,052	48,980	63,529	66,294	60,321	57,343	57,391
<b>Streptomycin:</b>								
Production.....1,000 lbs.....	(?)	46	154	130	198	179	281	605
Sales.....do.....	(?)	44	99	147	169	166	240	329
Value.....\$1,000.....	(?)	7,131	5,127	5,604	6,796	5,797	5,388	7,515
<b>Sulfa drugs:</b>								
Production.....1,000 lbs.....	5,888	4,967	2,767	3,817	3,843	3,725	5,835	5,090
Sales.....do.....	5,672	3,704	(?)	1,635	(?)	(?)	(?)	(?)
Value.....\$1,000.....	20,313	20,933	(?)	9,750	(?)	(?)	(?)	(?)
<b>Aspirin:</b>								
Production.....1,000 lbs.....	10,941	11,110	15,982	16,663	18,054	20,819	18,097	23,553
Sales.....do.....	10,120	12,003	13,203	13,524	16,787	18,312	17,155	18,271
Value.....\$1,000.....	3,770	5,511	6,955	7,007	8,695	8,840	9,235	9,961

<sup>1</sup> Oxford units for 1945 and 1950; International units, thereafter.

<sup>2</sup> Withheld to avoid disclosing figures for individual producers.

Source: U.S. Tariff Commission; *Synthetic Organic Chemicals, U.S. Production and Sales*.

## No. 1109. DENATURED ALCOHOL: 1930 TO 1961

[For years ending June 30. Includes Hawaii and Puerto Rico]

YEAR	Alcohol produced at industrial alcohol plants	Denaturing plants operated	SPECIALLY DENATURED ALCOHOL DEALERS AND USERS		Ethyl alcohol used for denaturation <sup>1</sup>	DENATURED ALCOHOL PRODUCED <sup>2</sup>		
			Dealers operating	Manufacturers operating		Total	Completely denatured	Speci-ally denatured
	1,000 proof gallons				1,000 proof gallons	1,000 wine gallons	1,000 wine gallons	1,000 wine gallons
1930.....	193, 824	68	81	4, 306	185, 001	106, 777	59, 064	47, 713
1935.....	180, 646	39	71	4, 279	165, 234	97, 031	38, 747	58, 284
1940.....	243, 728	40	62	4, 283	225, 161	126, 762	15, 352	111, 410
1945.....	650, 090	65	38	4, 061	971, 447	527, 096	33, 088	494, 008
1950.....	313, 635	46	35	4, 176	322, 837	174, 674	4, 414	170, 260
1955.....	411, 840	46	35	3, 939	395, 834	213, 229	575	212, 654
1956.....	485, 484	42	35	3, 972	498, 614	268, 226	673	267, 554
1957.....	426, 418	47	36	3, 930	436, 469	235, 291	539	234, 752
1958.....	494, 376	45	39	3, 859	454, 629	245, 170	578	244, 601
1959.....	494, 132	43	42	3, 846	478, 412	267, 534	739	250, 795
1960.....	518, 724	38	43	3, 599	520, 512	279, 726	679	279, 047
1961.....	500, 674	41	41	3, 745	537, 709	289, 229	820	288, 410

<sup>1</sup> Through 1940, represents *withdrawals* of all products for denaturation, that is, domestic ethyl alcohol, spirits produced by registered distilleries (redesignated upon receipt at denaturing plants as alcohol), and rum. Beginning 1945, represents all products (except rum) *used* for denaturation, that is, domestic ethyl alcohol, imported ethyl alcohol, and spirits. Rum is included for 1935 and 1940 because denatured rum is included with specially denatured alcohol for those years. <sup>2</sup> Prior to 1945 includes denatured rum.

<sup>3</sup> Alcohol and spirits, 190 proof and over, produced at distilled spirits plants.

## No. 1110. ALCOHOLIC BEVERAGES—PRODUCTION, TAX-PAID WITHDRAWALS, AND STOCKS: 1940 TO 1961

[For years ending June 30. Includes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1937*, series P 192, for production of fermented malt liquor]

CLASS	Unit	1940	1945	1950	1955	1960	1961
Fermented malt liquor (beer):							
Production.....	1,000 bbl. <sup>1</sup>	54, 892	86, 604	88, 807	89, 791	94, 548	93, 496
Tax-paid withdrawals.....	do.	53, 014	79, 591	83, 512	84, 457	88, 920	87, 926
Stocks on hand, June 30.....	do.	9, 019	9, 262	10, 982	11, 627	11, 468	11, 414
Breweries operated.....	Number	611	468	407	292	229	220
Distilled spirits:							
Production <sup>2</sup> .....	1,000 tax gal. <sup>3</sup>	143, 455	524, 301	208, 235	182, 142	285, 024	4 198, 125
Tax-paid withdrawals <sup>4</sup> .....	do.	128, 326	142, 331	144, 124	153, 122	177, 952	177, 592
Stocks on hand, June 30.....	do.	525, 305	338, 173	708, 562	841, 496	981, 509	4 906, 772
Facilities operated:							
Production <sup>5</sup> .....	Number	258	311	220	201	178	165
Warehouses <sup>7</sup> .....	do.	360	339	309	278	241	252
Whiskey:							
Production <sup>2</sup> .....	1,000 tax gal. <sup>3</sup>	98, 993	41, 562	118, 760	103, 927	149, 545	134, 539
Tax-paid withdrawals.....	do.	81, 267	63, 891	60, 499	74, 356	83, 539	83, 374
Stocks on hand, June 30.....	do.	480, 938	307, 588	643, 280	715, 861	813, 720	838, 410
Rectified spirits and wines, production.....	1,000 proof gal.	47, 657	118, 803	107, 861	81, 925	83, 894	84, 312
Whiskey, production.....	do.	37, 977	101, 645	94, 908	72, 400	65, 317	64, 518
Still wines:							
Production <sup>8</sup> .....	1,000 wine gal. <sup>9</sup>	212, 368	314, 983	297, 857	380, 229	511, 295	490, 373
Tax-paid withdrawals <sup>10</sup> .....	do.	82, 571	91, 752	135, 581	136, 270	147, 554	151, 676
Stocks on hand, June 30 <sup>10 11</sup> .....	do.	93, 421	103, 930	128, 433	128, 475	142, 575	140, 677
Effervescent wines: <sup>12</sup>							
Production.....	do.	482	1, 551	1, 061	1, 716	4, 113	3, 953
Tax-paid withdrawals.....	do.	419	1, 263	1, 047	1, 561	3, 296	3, 402
Stocks on hand, June 30.....	do.	660	1, 132	1, 610	1, 401	2, 712	2, 922

<sup>1</sup> Barrels of 31 wine gallons.

<sup>2</sup> Prior to 1960, net production obtained by deducting total products used in redistillation from gross production of neutral product (spirits); thereafter, each kind of distilled spirits used in redistillation was deducted from gross production of same kind.

<sup>3</sup> A tax gallon for spirits of 100 proof or over is equivalent to the proof gallon. For spirits of less than 100 proof the tax gallon is equivalent to the wine gallon.

<sup>4</sup> Includes alcohol and spirits under 190 proof. <sup>5</sup> Includes ethyl alcohol.

<sup>6</sup> Prior to 1960, represents registered distilleries, fruit distilleries, and industrial alcohol plants. In some instances a plant was operated at different times in more than 1 of these categories and was counted in each.

<sup>7</sup> Prior to 1960, represents internal revenue bonded warehouses and industrial alcohol bonded warehouses.

<sup>8</sup> Production represents total amount removed from fermenters, including distilling material (substandard wines produced with excessive water or residue materials). In 1961, 324,325,116 gallons of distilling materials were produced.

<sup>9</sup> Standard U.S. gallon.

<sup>10</sup> Includes special natural wines.

<sup>11</sup> Excludes distilling materials.

<sup>12</sup> Includes champagne, other effervescent wines, and artificially carbonated wines.

Source of tables 1109 and 1110: Treasury Department, Internal Revenue Service; annual report, *Statistics Relating to the Alcohol and Tobacco Industries*, and records.

# No. 1111. DISTILLED SPIRITS, MALT LIQUORS, AND WINES—APPARENT AVERAGE ANNUAL PER CAPITA CONSUMPTION: 1930 TO 1961

[In gallons, except distilled spirits in tax gallons. For years ending June 30. Beginning 1958, includes Alaska and Hawaii]

YEAR	DISTILLED SPIRITS			MALT LIQUORS			WINES		
	Total	Domes- tic	Im- ported	Total	Domes- tic	Im- ported	Total	Domes- tic	Im- ported
1930 <sup>1</sup> -----	0.08	0.08	( <sup>2</sup> )	-----	-----	-----	0.03	0.03	( <sup>2</sup> )
1935-----	0.70	0.67	0.03	10.45	10.44	0.01	0.30	0.28	0.02
1940-----	1.02	0.93	0.09	12.53	12.57	0.01	0.68	0.63	0.05
1945-----	1.22	1.05	0.17	18.80	18.79	0.07	0.73	0.70	0.03
1950-----	1.02	0.92	0.10	17.20	17.24	0.02	0.93	0.91	0.02
1951-----	1.23	1.09	0.14	16.97	16.95	0.02	0.87	0.84	0.03
1952-----	1.00	0.87	0.13	16.94	16.92	0.02	0.85	0.82	0.03
1953-----	1.10	0.96	0.14	16.79	16.76	0.03	0.90	0.86	0.04
1954-----	1.12	0.97	0.15	16.68	16.65	0.03	0.86	0.82	0.04
1955-----	1.07	0.92	0.15	16.13	16.09	0.04	0.89	0.85	0.04
1956-----	1.13	0.97	0.16	16.04	16.00	0.04	0.89	0.84	0.05
1957-----	1.17	0.99	0.18	15.54	15.49	0.05	0.89	0.86	0.03
1958-----	1.12	0.94	0.18	15.14	15.08	0.06	0.89	0.84	0.05
1959-----	1.14	0.94	0.20	15.25	15.19	0.06	0.89	0.84	0.05
1960-----	1.20	0.99	0.21	15.46	15.39	0.07	0.90	0.84	0.06
1961-----	1.19	0.97	0.22	15.04	14.97	0.07	0.91	0.85	0.06

<sup>1</sup> Includes quantities withdrawn for certain manufacturing, compounding, medicinal, and sacramental uses.

<sup>2</sup> Less than 0.005.

Source: Department of Commerce, Business and Defense Services Administration.

# No. 1112. TOBACCO PRODUCTS—MANUFACTURED TOBACCO, CIGARS, AND CIGARETTES: 1931 TO 1961

[Data relate to products manufactured in continuous U.S. factories and exclude cigars produced in customs bonded manufacturing warehouses. See also *Historical Statistics, Colonial Times to 1957*, series P 194-196]

YEARLY AVERAGE OR YEAR	TOBACCO							Cigars <sup>1</sup>	Ciga- rettes <sup>1</sup>
	Total	Smoking	Scrap chewing	Fine-cut chewing	Plug	Twist	Snuff		
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	Mil- lions	Mil- lions
1931-1940-----	347,057	194,030	46,277	4,182	59,532	5,716	37,311	5,122	147,922
1941-1950-----	285,109	137,013	45,304	3,892	51,145	5,872	40,983	5,593	331,097
1951-1960-----	195,265	81,350	35,546	2,907	33,967	4,246	37,250	6,164	442,503
1950-----	235,189	107,731	39,019	2,738	40,242	5,467	39,992	5,468	391,950
1951-----	227,151	101,324	39,088	2,817	39,918	4,551	39,453	5,604	418,803
1952-----	220,420	96,752	38,228	2,810	39,058	4,803	38,760	5,892	435,549
1953-----	209,368	86,599	38,139	2,855	38,053	4,070	39,052	5,973	423,070
1954-----	203,650	83,718	36,584	2,941	36,943	4,921	38,543	5,832	401,840
1955-----	199,120	79,091	35,977	2,954	36,503	4,474	39,221	5,834	412,809
1956-----	184,910	71,517	35,501	2,879	33,033	4,268	37,712	5,830	424,247
1957-----	178,992	70,540	33,951	2,819	31,647	3,967	36,068	5,952	442,328
1958-----	159,067	76,040	33,025	2,881	29,561	3,765	34,796	6,395	470,068
1959-----	175,663	73,180	32,090	3,038	28,547	3,622	34,286	7,298	480,865
1960-----	173,309	73,839	31,972	3,072	26,408	3,419	34,599	6,917	506,944
1961 (prel.)-----	173,150	74,152	32,747	3,200	26,024	3,269	33,759	6,613	528,332

<sup>1</sup> Large and small.

Source: Treasury Department, Internal Revenue Service; annual report, *Statistics Relating to the Alcohol and Tobacco Industries*.

### No. 1113. SMOKING PATTERNS, BY COLOR, URBAN-RURAL RESIDENCE, AND AGE, BY SEX: 1955

[In thousands of persons 18 years old and over. Excludes Alaska and Hawaii. Excludes Armed Forces; inmates of penal and mental institutions, and inmates of homes for the aged, infirm, and needy. Data classified by smoking habits existing at time of interview (February 1955). Among smokers, the same person may be included in more than one category; e. g., smoke both cigarettes and cigars. Figures (except population) exclude persons not reporting on smoking habits. Based on Current Population Survey (see Technical Note, p. 233)]

COLOR, RESIDENCE, AND AGE (IN YEARS)	MALE								FEMALE			
	Total per- sons	Non- smoker of ciga- rettes	Cigarette smoker		Cigar smoker		Pipe smoker		Total per- sons	Non- smoker of ciga- rettes	Cigarette smoker	
			Occa- sional <sup>1</sup>	Regu- lar <sup>2</sup>	Occa- sional <sup>1</sup>	Regu- lar <sup>2</sup>	Occa- sional <sup>1</sup>	Regu- lar <sup>2</sup>			Occa- sional <sup>1</sup>	Regu- lar <sup>2</sup>
Total.....	49,581	20,219	2,065	24,667	7,391	2,636	4,630	3,645	55,096	38,048	2,086	12,986
By color:												
White.....	44,870	18,452	1,691	22,387	6,772	2,343	4,310	3,370	49,645	34,393	1,793	11,737
Nonwhite.....	4,711	1,767	314	2,280	619	293	320	275	5,451	3,655	293	1,249
By residence:												
Urban.....	32,572	12,616	1,312	16,791	4,886	1,975	3,086	2,191	37,453	24,542	1,601	9,858
Rural nonfarm.....	10,456	4,339	403	5,187	1,593	469	1,040	822	11,478	8,210	369	2,542
Rural farm.....	6,553	3,264	290	2,689	612	192	504	632	6,170	5,296	116	580
By age:												
18 to 24.....	5,405	2,202	262	2,605	481	70	408	174	7,460	4,651	369	2,118
25 to 34.....	11,065	3,404	377	6,655	1,841	326	1,206	483	12,196	6,950	589	4,102
35 to 44.....	10,755	3,437	398	6,286	1,727	456	1,200	622	11,484	7,020	486	3,500
45 to 54.....	9,100	3,325	379	4,899	1,415	619	938	635	9,899	6,674	363	2,007
55 to 64.....	6,934	3,392	312	2,865	1,024	625	540	672	7,296	6,080	212	707
65 and over.....	6,322	4,459	277	1,357	903	540	338	1,059	7,261	6,673	97	246
Percent.....	100.0	40.8	4.0	49.8	14.9	5.3	9.3	7.4	100.0	69.1	3.8	23.6
By color:												
White.....	100.0	41.1	3.8	49.9	15.1	5.2	9.6	7.5	100.0	69.3	3.8	23.6
Nonwhite.....	100.0	37.5	6.7	48.4	13.1	6.2	6.8	5.8	100.0	67.1	5.4	22.9
By residence:												
Urban.....	100.0	38.7	4.0	51.5	15.0	6.1	9.5	6.7	100.0	65.5	4.3	26.3
Rural nonfarm.....	100.0	41.5	3.9	49.6	15.2	4.5	9.9	7.9	100.0	71.6	3.2	22.2
Rural farm.....	100.0	49.8	4.4	41.0	13.9	2.9	7.7	9.6	100.0	85.8	1.9	9.5
By age:												
18 to 24.....	100.0	40.7	4.8	48.2	8.9	1.3	7.5	3.2	100.0	62.3	4.9	28.4
25 to 34.....	100.0	30.8	3.4	60.1	16.0	2.9	10.9	4.4	100.0	57.0	4.8	34.4
35 to 44.....	100.0	32.0	3.7	58.4	16.1	4.2	11.2	5.8	100.0	61.1	4.1	31.3
45 to 54.....	100.0	36.5	4.2	53.8	15.5	6.8	10.3	7.0	100.0	71.0	3.8	22.0
55 to 64.....	100.0	48.9	4.5	41.3	14.8	9.0	7.8	9.7	100.0	83.3	2.9	10.5
65 and over.....	100.0	70.5	4.4	21.5	14.3	8.5	5.3	16.8	100.0	91.9	1.3	3.4

<sup>1</sup> Does not smoke daily, but smokes once in a while.

<sup>2</sup> Smokes every day.

Source: Department of Health, Education, and Welfare, Public Health Service; *Tobacco Smoking Patterns in the United States*. (Public Health Monograph No. 45; PHS Publication No. 463, 1956.)

### No. 1114. TOBACCO PRODUCTS—CONSUMPTION PER PERSON 15 YEARS OLD AND OVER: 1900 TO 1961

[In pounds (unstemmed processing weight). Excludes Alaska and Hawaii. Beginning 1940, population base includes Armed Forces overseas. There are approximately 339 cigarettes, and 42.8 small cigars, per pound of tobacco]

YEAR	Total	Cigars	Ciga- rettes	Tobacco <sup>1</sup>	YEAR	Total	Cigars	Ciga- rettes	Tobacco <sup>1</sup>
1900.....	7.43	1.99	0.16	5.28	1940.....	9.12	1.36	5.15	2.60
1905.....	8.61	2.31	0.19	6.11	1945.....	12.45	1.26	9.15	2.04
1910.....	8.59	2.19	0.41	5.99	1950.....	11.06	1.18	9.37	1.41
1915.....	8.40	2.17	0.82	5.41	1955.....	11.05	1.20	9.59	1.16
1920.....	8.67	2.45	1.89	4.33	1957.....	11.42	1.09	9.32	1.01
1925.....	8.98	1.69	2.06	4.03	1958.....	11.63	1.09	9.53	1.00
1930.....	8.85	1.67	3.84	3.84	1959.....	<sup>2</sup> 11.50	<sup>2</sup> 1.10	9.42	0.66
1935.....	8.21	1.30	4.11	2.80	1960.....	<sup>2</sup> 11.57	<sup>2</sup> 1.08	9.56	0.93
					1961 (prel.).....	<sup>2</sup> 11.82	<sup>2</sup> 1.08	9.82	0.92

<sup>1</sup> Smoking and chewing tobaccos and snuff.

<sup>2</sup> Total includes small cigars not shown separately but formerly included in cigars.

Source: Department of Agriculture, Economic Research Service; quarterly report, *Agricultural Economics Research*, Vol. VIII, No. 1, and records.

## No. 1115. BROAD-WOVEN FABRICS—PRODUCTION, BY TYPE: 1947 TO 1961

[In millions of linear yards; in terms of gray goods except woolen and worsted which are in terms of finished yardage. Excludes Alaska and Hawaii. Fabrics composed of a mixture of fibers classified according to primary fiber content, except as noted]

PRODUCT	1947	1950	1954	1955	1959	1960	1961 (prel.)
<b>Total goods.....</b>	<b>12,371</b>	<b>13,105</b>	<b>12,518</b>	<b>13,119</b>	<b>12,409</b>	<b>12,055</b>	<b>11,841</b>
<b>Cotton woven goods over 12 inches in width, except tire fabrics.....</b>	<b>9,817</b>	<b>10,027</b>	<b>9,891</b>	<b>10,175</b>	<b>9,599</b>	<b>9,366</b>	<b>9,156</b>
Cotton duck.....	206	249	240	242	223	206	210
Sheeting and allied coarse and medium yarn fabrics.....	3,030	2,737	2,494	2,537	2,594	2,482	2,431
Print cloth yarn fabrics.....	3,229	3,603	4,030	3,908	3,383	3,320	3,224
Napped fabrics.....	502	413	233	241	206	202	181
Colored yarn fabrics.....	762	860	739	699	520	449	418
Fine cotton goods (all combed, part-combed, and fine carded goods).....	1,313	1,218	1,244	1,379	1,009	1,705	1,657
Towels, toweling, washcloths, and Terrywoven fabrics other than towels.....	409	454	455	502	572	548	576
Specialties and all other fabrics.....	367	433	447	557	492	452	452
<b>Rayon and acetate.....</b>	<b>1,977</b>	<b>2,406</b>	<b>1,731</b>	<b>1,928</b>	<b>1,618</b>	<b>1,434</b>	<b>1,459</b>
Pile, upholstery, drapery, tapestry, and tie fabrics.....	57	38	88	118	190	197	172
100 percent filament rayon and/or acetate fabrics.....	1,237	1,601	848	837	667	660	694
Flat fabrics.....	652	860	619	717	568	578	591
Twisted yarn fabrics.....	585	741	229	170	99	82	103
100 percent spun rayon and/or acetate fabrics.....	332	434	445	528	309	224	238
Combination filament and spun rayon and/or acetate fabrics.....	179	202	119	109	121	82	84
All other rayon mixtures.....	172	131	230	285	331	271	271
<b>Woolen and worsted, except woven felts<sup>1</sup>.....</b>	<b>516</b>	<b>471</b>	<b>284</b>	<b>318</b>	<b>311</b>	<b>286</b>	<b>285</b>
Apparel fabrics.....	448	301	262	298	303	281	279
Woolen.....	245	215	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Worsted.....	263	176	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Nonapparel fabrics.....	67	80	22	20	7	6	6
<b>Silk, nylon, glass, and other<sup>3</sup>.....</b>	<b>62</b>	<b>201</b>	<b>612</b>	<b>699</b>	<b>881</b>	<b>970</b>	<b>941</b>
Nylon fabrics, including mixtures.....	22	110	383	395	( <sup>4</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Silk fabrics, including mixtures.....	10	29	42	43	29	27	24
Other woven fabrics, not classified above.....	20	62	186	261	852	943	917

<sup>1</sup> Through 1950, comprises all fabrics containing more than 25 percent wool; thereafter, fabrics containing 50 percent or more wool.

<sup>2</sup> Not available. <sup>3</sup> Includes fabrics made of acrylic, vinyl, protein, etc., fibers.

<sup>4</sup> Nylon mixtures included with other fabrics.

<sup>5</sup> Nylon fabrics included with other woven fabrics.

Source: Department of Commerce, Bureau of the Census; 1947 and 1954 Censuses of Manufactures reports and Current Industrial Reports, Series M22T.

## No. 1116. COTTON AND MAN-MADE FIBER FABRICS, BLEACHED, DYED, OR PRINTED: 1947 TO 1960

[In millions of linear yards. Excludes Alaska and Hawaii. Fabrics are classified by chief fiber content]

PRODUCT	1947	1950	1954	1955	1958	1959	1960 (prel.)
<b>Bleached, dyed, or printed goods.....</b>	<b>8,915</b>	<b>9,329</b>	<b>9,595</b>	<b>10,502</b>	<b>9,408</b>	<b>10,112</b>	<b>9,429</b>
Cotton.....	6,944	7,063	7,407	8,144	7,341	7,891	7,320
Man-made fiber fabrics and silk <sup>1</sup> .....	1,971	2,266	2,188	2,358	2,067	2,221	2,109
<b>Bleached and white finished goods.....</b>	<b>3,815</b>	<b>3,467</b>	<b>3,376</b>	<b>3,668</b>	<b>3,481</b>	<b>3,591</b>	<b>3,423</b>
Cotton.....	3,616	3,296	3,180	3,345	3,188	3,338	3,138
Man-made fiber fabrics and silk <sup>1</sup> .....	199	170	197	321	293	254	285
<b>Plain dyed and finished goods.....</b>	<b>3,176</b>	<b>3,950</b>	<b>3,982</b>	<b>4,320</b>	<b>3,854</b>	<b>4,300</b>	<b>3,950</b>
Cotton.....	1,757	2,166	2,308	2,671	2,352	2,650	2,430
Man-made fiber fabrics and silk <sup>1</sup> .....	1,419	1,784	1,673	1,648	1,502	1,649	1,520
<b>Printed and finished goods<sup>2</sup>.....</b>	<b>1,924</b>	<b>1,912</b>	<b>2,237</b>	<b>2,514</b>	<b>2,074</b>	<b>2,221</b>	<b>2,056</b>
Cotton.....	1,571	1,001	1,919	2,126	1,801	1,903	1,752
Man-made fiber fabrics and silk <sup>1</sup> .....	353	311	318	389	273	318	304

<sup>1</sup> Comprises fabrics made of rayon, acetate, nylon, silk, glass, acrylic fibers, etc.

<sup>2</sup> Includes roller, screen, flock and block printed fabrics.

Source: Department of Commerce, Bureau of the Census; 1947 and 1954 Censuses of Manufactures reports and Current Industrial Reports, Series M22S and M22S (60)-1.

# NO. 1117. MILL CONSUMPTION OF COTTON, WOOL, MAN-MADE FIBERS, FLAX, AND SILK: 1930 TO 1960

[In millions of pounds, except per capita in pounds. Excludes Alaska and Hawaii. Per capita figures based on population estimates as of July 1, including Armed Forces overseas]

YEAR	COTTON <sup>1</sup>		WOOL (scoured basis) <sup>2</sup>		MAN-MADE FIBERS				FLAX <sup>3</sup>		SILK <sup>4</sup>	
					Rayon and acetate <sup>3</sup>		Other <sup>4</sup>					
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita
1930.....	2,617	21.26	263	2.14	119	0.97	-----	-----	16	0.13	81	0.65
1935.....	2,755	21.66	418	3.28	259	2.04	-----	-----	13	0.10	72	0.57
1940.....	3,989	29.97	408	3.09	452	3.65	4	0.03	12	0.09	48	0.36
1945.....	4,516	32.28	645	4.61	770	5.50	50	0.36	7	0.05	1	0.01
1950.....	4,683	30.87	635	4.18	1,350	8.91	141	0.93	11	0.07	11	0.07
1951.....	4,869	31.53	484	3.14	1,275	8.27	196	1.27	11	0.07	7	0.05
1952.....	4,471	28.48	466	2.97	1,215	7.74	249	1.59	7	0.04	13	0.08
1953.....	4,456	27.92	494	3.10	1,223	7.66	279	1.75	8	0.05	8	0.05
1954.....	4,127	25.41	384	2.37	1,155	7.11	329	2.02	7	0.04	9	0.05
1955.....	4,382	26.51	414	2.50	1,410	8.50	432	2.61	8	0.05	11	0.07
1956.....	4,363	25.94	441	2.62	1,201	7.14	484	2.87	8	0.05	13	0.08
1957.....	4,680	23.72	369	2.15	1,177	6.88	568	3.28	7	0.04	8	0.05
1958.....	3,897	22.21	331	1.90	1,127	6.47	575	3.30	4	0.02	5	0.03
1959.....	4,336	24.46	431	2.43	1,252	7.06	741	4.18	4	0.02	8	0.05
1960 (prel.).....	4,199	23.24	407	2.25	1,056	5.84	761	4.21	5	0.03	7	0.04

<sup>1</sup> Reported by Bureau of the Census. For American cotton, tare as reported by Crop Reporting Board deducted. For foreign cotton, 15 pounds deducted.

<sup>2</sup> Reported by Bureau of the Census. Beginning 1950, excludes consumption in cotton and other spinning systems and consumption in batting and felt manufacture.

<sup>3</sup> From *Textile Organon*. Represents domestic shipments plus imports for consumption.

<sup>4</sup> From *Textile Organon*. Represents domestic production less exports plus imports for consumption.

<sup>5</sup> Through 1952, represents imports for consumption reported by Bureau of the Census plus estimated production by (a) Bureau of Plant Industry through 1945 and (b) Portland, Oreg., office of Agricultural Marketing Service, 1950 to 1952; beginning 1953, imports for consumption reported by Bureau of the Census.

<sup>6</sup> Compiled from reports of Bureau of the Census. For 1930, general imports less reexports; beginning 1935, imports for consumption.

Source: Department of Agriculture, Economic Research Service; records. (Through 1954, published in Department of Commerce, Business and Defense Services Administration; *Wool and Man-Made Fibers in the United States*.)

## NO. 1118. TIRE CORD AND FABRICS—PRODUCTION, BY KIND: 1947 TO 1961

[In thousands of pounds. Excludes Alaska and Hawaii]

PRODUCT	1947	1950	1955	1959	1960	1961
Tire cord and fabrics.....	565,261	523,033	524,354	469,634	418,439	398,653
Man-made fibers.....	214,576	296,983	456,093	430,001	388,482	372,587
Rayon tire cord, not woven.....	125,638	150,082	406,889	296,892	230,609	213,376
Rayon tire cord fabric, woven.....	188,938	246,901	49,204	124,142	139,082	148,815
Nylon tire cord and tire cord fabric.....	(1)	(1)	(2)	8,967	9,791	10,306
Chafar fabric and all other tire fabrics.....	-----	-----	-----	-----	-----	-----
Cotton.....	350,685	226,050	68,261	39,633	29,957	26,065
Tire cord and tire cord fabrics.....	285,076	165,395	16,742	3,599	2,887	3,130
Chafar fabric and all other tire fabrics.....	65,609	60,655	51,519	36,034	27,070	22,636

<sup>1</sup> Data for nylon included with rayon.

<sup>2</sup> Man-made fiber chafar fabric and all other tire fabrics included with cotton chafar fabric and all other tire fabrics.

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports and *Current Industrial Reports*, Series M22T.4, and M22T.4(60)-5.



# No. 1119. COTTON-SYSTEM SPINDLES, COTTON CONSUMPTION, AND STOCKS: 1930 TO 1961

[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 for all years which is in equivalent 500-pound bales. See also *Historical Statistics, Colonial Times to 1957*, series P 197, for total cotton consumed including linters]

YEAR	COTTON-SYSTEM SPINDLES (1,000)					Spindle hours consuming 100% cotton (millions)	COTTON CONSUMED, EXCLUDING LINTERS (1,000 bales) <sup>3</sup>			
	Total in place <sup>1</sup>	Active <sup>2</sup>					Total	Cotton-growing States	New Eng-land	Other States
		Total	Cotton-growing States	New Eng-land	Other States					
1930.....	34,025	31,245	18,586	11,351	1,308	87,515	6,106	4,749	1,143	214
1935.....	30,003	26,701	18,212	7,763	726	72,520	5,361	4,306	818	237
1940.....	24,760	23,586	17,641	5,279	666	97,006	7,784	6,647	918	219
1945.....	23,128	22,678	17,610	4,511	554	111,898	6,508	8,455	891	222
1950.....	22,995	21,790	17,673	3,739	378	109,243	8,851	8,030	664	157
1951.....	23,195	22,140	18,129	3,637	374	126,852	10,654	9,642	840	172
1952.....	23,205	21,298	18,119	2,927	252	106,932	9,120	8,443	559	118
1953.....	22,903	21,423	18,128	3,066	229	118,200	9,424	8,731	601	92
1954.....	22,694	20,626	17,957	2,522	147	109,705	8,576	8,011	499	67
1955.....	22,273	20,716	18,230	2,342	144	113,447	8,841	8,355	427	57
1956.....	21,003	20,557	18,283	2,140	134	117,748	9,141	8,638	446	57
1957.....	21,195	19,760	18,119	1,515	126	112,108	8,728	8,320	355	53
1958.....	20,845	19,241	17,720	1,395	126	101,900	7,973	7,629	297	47
1959.....	20,274	19,248	17,789	1,360	89	108,663	8,671	8,313	314	44
1960.....	19,956	19,222	17,801	1,330	90	113,452	9,016	8,670	309	37
1961.....	19,603	18,986	17,770	1,150	66	104,561	8,252	7,946	273	33

YEARLY AVERAGE OR YEAR	CONSUMPTION (1,000 bales)						STOCKS AT END OF YEAR (1,000 bales) <sup>4</sup>			
	Cotton, excluding linters						Cotton, excluding linters			
	Total	Domestic				Foreign	Total	Do-mestic	Foreign	Linters
		Total	Upland	Sea Island	Amer-ican-Egypt-ian					
1931-1935.....	5,460	5,325	5,311	1	14	140	1,116	1,061	55	261
1936-1940.....	6,938	6,799	6,780	2	18	139	836	7,060	74	275
1941-1945.....	10,301	10,151	10,105	3	42	149	1,399	10,354	121	391
1946-1950.....	9,038	8,829	8,820	1	8	209	1,243	4,678	4	218
1951-1955.....	9,323	9,195	9,177	1	17	129	1,376	6,103	6,020	83
1956-1960.....	8,706	8,614	8,564	1	48	92	1,379	9,843	9,805	38
1950.....	8,851	8,660	8,666	1	2	182	1,610	6,496	6,399	97
1951.....	10,654	10,487	10,462	1	34	167	1,396	2,144	2,032	112
1952.....	9,120	9,036	9,011	1	24	84	1,306	2,569	2,500	69
1953.....	9,425	9,292	9,280	1	11	133	1,359	5,346	5,252	94
1954.....	8,576	8,445	8,439	(5)	6	131	1,324	9,473	9,398	75
1955.....	8,841	8,714	8,705	(5)	9	128	1,474	10,985	10,920	65
1956.....	9,141	9,018	8,987	2	20	123	1,789	13,738	13,699	39
1957.....	8,728	8,661	8,591	3	67	67	1,438	11,026	10,987	39
1958.....	7,973	7,899	7,855	(5)	44	73	1,102	8,446	8,411	35
1959.....	8,671	8,581	8,535	(5)	46	90	1,210	8,661	8,622	39
1960.....	9,016	8,909	8,853	(5)	56	107	1,446	7,344	7,307	37
1961.....	8,252	8,150	8,084	(5)	75	93	1,281	6,681	6,640	41

<sup>1</sup> Prior to 1950, represents all spindles in place used exclusively for spinning cotton; thereafter, represents all spindles in place regardless of fiber spun.

<sup>2</sup> Prior to 1950, represents sum of greatest number of cotton spindles reported by each mill as active at any time during year, regardless of length of time operated; thereafter, comprises cotton-system spindles active last day of year, regardless of type of fiber spun. On July 31, 1961, there were 17,273,000 spindles active on cotton, 1,087,000 on synthetics, 626,000 on other fibers and blends, and 617,000 idle.

<sup>3</sup> Includes foreign and domestic cotton.

<sup>4</sup> Cotton stocks prior to 1938 and linters stocks for all years are stocks held by consuming establishments. Cotton stocks beginning in 1938 include stocks at public storage and compresses.

<sup>5</sup> Less than 500 bales.

Source: Department of Commerce, Bureau of the Census; annual report, *Cotton Production and Distribution*.

# No. 1120. WOOL—STOCKS, PRODUCTION, PRICE, IMPORTS, AND EXPORTS: 1936 TO 1961

[Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series K 240-241, for shorn production and price]

ITEM	1936-1940, average	1941-1945, average	1946-1950, average	1951-1955, average	1956-1960, average
Sheep and lambs shorn.....1,000.....	45,069	45,366	29,402	27,817	29,023
Weight per fleece.....pound.....	8.0	7.9	8.1	8.4	8.4
Shorn wool production.....1,000 lb.....	360,583	360,191	238,789	234,150	250,082
Price per pound <sup>1</sup> .....cents.....	25.7	40.3	49.0	<sup>2</sup> 60.4	43.9
Pulled wool production.....1,000 lb.....	04,080	68,340	46,500	37,360	34,620
Apparel wool, grease basis:					
Total production.....do.....	425,263	428,531	285,289	271,510	284,602
Imports, less reexports <sup>3</sup> .....do.....	122,683	<sup>4</sup> 656,091	<sup>4</sup> 466,246	279,946	122,775
Exports, domestic <sup>5</sup> .....do.....	412	12,869	10,491	628	1,533
Total new supply <sup>6</sup> .....do.....	547,434	<sup>1</sup> 1,071,753	<sup>4</sup> 740,740	550,828	406,744
Carpet wool, imports <sup>3</sup> .....do.....	132,977	100,058	254,079	162,038	193,512

ITEM	1955	1957	1958	1959	1960	1961 (prel.)
Stocks of apparel wool, April 1 <sup>7</sup> .....1,000 lb.....	159,671	122,346	115,104	91,929	100,739	<sup>8</sup> 91,290
Sheep and lambs shorn.....1,000.....	28,149	28,415	29,403	30,763	31,064	30,751
Weight per fleece.....pound.....	8.6	8.4	8.3	8.4	8.6	<sup>8</sup> 8.5
Shorn wool production.....1,000 lb.....	241,284	239,101	243,713	250,939	265,480	261,370
Price per pound <sup>1</sup> .....cents.....	42.8	53.7	36.4	43.8	42.0	41.9
Pulled wool production.....1,000 lb.....	41,600	33,600	30,400	34,500	33,600	33,600
Apparel wool, grease basis:						
Total production.....do.....	282,884	272,701	274,113	294,439	299,080	294,870
Imports, less reexports <sup>3</sup> .....do.....	169,054	111,809	97,130	146,177	106,921	130,093
Exports, domestic <sup>5</sup> .....do.....	285	2,452	5,150	9	263	316
Total new supply <sup>6</sup> .....do.....	451,653	382,058	366,093	440,607	405,738	424,652
Carpet wool, imports <sup>3</sup> .....do.....	185,958	161,976	160,949	248,978	202,439	206,120

<sup>1</sup> Price received by farmers. Weighted season average 1946 to date, weighted calendar average earlier years. Season April-March. <sup>2</sup> Includes an allowance for wool under loan.

<sup>3</sup> Actual weight. Imports for consumption. Prior to 1942, carpet wool includes only Donskoi, Smyrna, East Indian, Chinese, and similar wools without merino or English blood, and apparel wool includes all other wools; thereafter, carpet wool includes all duty-free wool and apparel wool includes all dutiable wool.

<sup>4</sup> For 1942-1946, excludes a total of 508 million pounds of duty-free wool imported and stored in this country largely for the British Government, and later re-exported; not available to domestic mills.

<sup>5</sup> Prior to 1943 includes hair of angora goat, alpaca, and similar animals. Includes a small amount of carpet wool beginning 1943. From January 1952, reported on "clean content" basis only.

<sup>6</sup> Production, minus exports, plus imports; stocks not taken into consideration. <sup>7</sup> Scoured basis.

<sup>8</sup> January 1. <sup>9</sup> Weighted average price for wool sold April 1961-January 1962.

Source: Department of Agriculture, Statistical Reporting Service; annual report, *Agricultural Statistics*. Exports and imports from Department of Commerce, Bureau of the Census.

## No. 1121. WOOL CONSUMED IN MANUFACTURES: 1930 TO 1961

[In millions of pounds. Excludes Alaska and Hawaii. Scoured wool, plus greasy wool reduced to a scoured basis, assuming average yields varying with class, origin, grade, and whether shorn or pulled. See also *Historical Statistics, Colonial Times to 1957*, series P 198]

YEAR	SCOURED BASIS			YEAR	SCOURED BASIS			YEAR	SCOURED BASIS		
	Total <sup>1</sup>	Ap- parel class <sup>2</sup>	Car- pet class		Total <sup>1</sup>	Ap- parel class <sup>2</sup>	Car- pet class		Total <sup>1</sup>	Ap- parel class <sup>2</sup>	Car- pet class
1930.....	263.2	200.7	62.5	1950.....	634.8	436.9	197.9	1956.....	440.7	296.6	144.1
1935.....	417.5	319.0	98.5	1951.....	484.1	382.1	102.0	1957.....	368.8	240.9	127.9
1940.....	407.9	310.0	97.9	1952.....	466.4	346.8	119.6	1958.....	331.1	212.0	119.1
1945.....	645.1	589.2	55.9	1953.....	494.0	358.0	135.9	1959.....	431.2	262.8	168.4
1948.....	693.1	485.2	207.9	1954.....	380.8	266.3	114.5	1960.....	406.9	244.3	162.7
1949.....	500.4	339.0	161.4	1955.....	413.8	281.2	132.6	1961 (prel.).....	409.9	262.8	147.1

<sup>1</sup> Wool regarded as more or less suitable for apparel purposes; formerly "Combing and clothing."

<sup>2</sup> Beginning 1948, includes raw wool consumed on woolen and worsted systems only.

Source: Department of Commerce, Bureau of the Census; monthly data are published in *Current Industrial Reports*, Series M22D and M22D(60)-13.

## No. 1122. WOOL MANUFACTURING MACHINERY IN PLACE: 1947 TO 1961

[As of end of year, except as noted. Excludes Alaska and Hawaii. Machinery in place is that which is set up in operating position]

YEAR	Worsted combs	Woolen spinning spindles	Worsted spinning spindles	Woolen and worsted looms	WOOL CARPET AND RUG LOOMS <sup>1</sup>	
					Broad	Narrow
1947	2,656	1,561,198	1,920,542	38,572	2,329	3,354
1948	2,679	1,535,127	1,863,335	38,146	2,359	3,209
1949	2,720	1,423,860	1,836,744	37,493	2,307	2,901
1950	2,808	1,308,139	1,814,430	36,337	2,338	2,556
1951	2,859	1,233,468	1,811,394	34,817	2,245	2,210
1952	2,694	1,127,077	1,691,088	33,811	2,226	2,262
1953 <sup>2</sup>	2,738	1,067,328	1,651,356	31,008	2,209	2,262
1954	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	5,411	( <sup>3</sup> )
1955	2,092	817,254	925,736	21,734	( <sup>3</sup> )	( <sup>3</sup> )
1956	1,751	752,717	809,022	19,429	( <sup>3</sup> )	( <sup>3</sup> )
1957	1,599	746,063	741,856	18,849	( <sup>3</sup> )	( <sup>3</sup> )
1958	1,558	728,823	712,096	17,300	3,234	( <sup>3</sup> )
1959	1,520	711,872	688,526	17,261	( <sup>3</sup> )	( <sup>3</sup> )
1960	1,494	696,525	654,480	16,058	( <sup>3</sup> )	( <sup>3</sup> )
1961	1,504	643,738	632,238	15,490	( <sup>3</sup> )	( <sup>3</sup> )

<sup>1</sup> For 1954, machinery in possession. For other years, machinery in place.

<sup>2</sup> End of June, except woolen and worsted looms.

<sup>3</sup> Not available.

Source: Department of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M22E, a special tabulation from Series M22T, and the Census of Manufactures.

## No. 1123. KNIT GOODS: CLOTH, UNDERWEAR, AND OUTERWEAR—PRODUCTION BY TYPE: 1947 TO 1961

[Beginning 1960, includes Alaska and Hawaii]

PRODUCT	Unit	1947	1950	1955	1958	1959	1960	1961 (prel.)
Finished knit cloth for sale <sup>1</sup>	Million lb.	152.6	162.8	181.0	210.6	243.0	247.7	280.3
Warp knit fabrics	do.	41.5	47.2	64.0	63.6	77.8	81.5	88.2
Circular knit fabrics	do.	111.1	115.6	127.0	147.0	165.2	166.2	192.1
Knit underwear and nightwear:								
Made from warp knit fabrics, all fibers	1,000 doz.	7,708	16,617	(2)	(2)	(2)	(2)	(2)
Made from circular knit fabrics:								
Rayon, silk, and synthetics	do.	10,932	12,371					
Cotton and wool	do.	40,557	43,271					
Knit outerwear:								
Sweaters, jackets, and jerseys	do.	6,677	8,733	10,119	13,788	13,974	12,601	13,315
Bathing suits and trunks	do.	500	328	330	596	882	1,080	1,270
Knit headwear	do.	1,556	1,599	1,426	1,482	1,520	1,531	1,690

<sup>1</sup> Beginning 1950, represents shipments.

<sup>2</sup> Not available.

Source: Department of Commerce, Bureau of the Census; 1947 and 1958 Censuses of Manufactures reports and *Current Industrial Reports*, Series M22K and M23A.

## No. 1124. WOMEN'S, MISSES', AND JUNIORS' OUTERWEAR—SELECTED GARMENTS CUT: 1947 TO 1961

[Beginning 1960, includes Alaska and Hawaii]

TYPE OF GARMENT	Unit	1947	1950	1955	1958	1959	1960	1961 (prel.)
Blouses	1,000 dozens	7,496	10,764	14,889	14,163	15,491	15,456	16,078
Unit price dresses	1,000 units	127,791	139,607	150,445	145,485	154,945	153,209	158,660
Dozen price dresses	1,000 dozens	75,456	9,097	9,162	8,149	8,561	8,121	7,970
Suits	1,000 units	14,352	18,048	13,638	8,990	9,678	9,713	9,844
Skirts	1,000 dozens	2,020	4,784	6,575	7,205	8,416	8,546	8,496
Untrimmed coats	1,000 units	18,956	22,598	22,526	21,745	22,359	20,886	20,830
Fur-trimmed coats	do.	1,924	2,105	1,469	1,693	2,372	2,543	3,520

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports and *Current Industrial Reports*, Series M23A.

## No. 1125. MEN'S AND BOYS' CLOTHING—SELECTED GARMENTS CUT: 1947 TO 1961

(Beginning 1960, includes Alaska and Hawaii)

TYPE OF GARMENT	Unit	1947	1950	1955	1958	1959	1960	1961 (prel.)
Suits.....	1,000 units.....	28,882	27,145	23,857	21,464	25,689	26,514	24,374
Men's.....	do.....	26,428	23,695	20,280	17,932	21,111	21,430	19,144
Boys'.....	do.....	2,454	3,450	3,577	3,532	4,578	5,084	5,230
Separate trousers <sup>1</sup> .....	do.....	60,905	65,819	67,355	73,405	90,923	99,139	89,576
Separate coats.....	do.....	5,286	8,855	10,234	11,589	13,594	13,930	13,700
Men's and youths'.....	do.....	4,760	7,039	7,932	8,470	9,853	10,097	9,990
Boys'.....	do.....	526	1,816	2,302	3,119	3,741	3,833	3,710
Dress and sport shirts, men's.....	1,000 dozens.....	17,042	18,100	21,787	21,304	22,382	22,687	22,480
Overalls.....	do.....	6,807	9,824	9,758	8,462	7,480	7,127	( <sup>2</sup> )
Men's.....	do.....	4,241	6,100	4,854	3,764	2,864	2,765	3,410
Boys'.....	do.....	2,566	3,724	4,894	4,698	4,616	4,361	( <sup>2</sup> )
Work shirts (includes flannel).....	do.....	5,815	5,796	5,067	4,147	4,048	3,715	( <sup>2</sup> )
Men's.....	do.....	4,959	5,471	4,557	3,811	3,949	3,648	3,611
Boys'.....	do.....	856	325	510	336	99	67	( <sup>2</sup> )

<sup>1</sup> Beginning 1955, men's only.<sup>2</sup> Not available.Source: Department of Commerce, Bureau of the Census; monthly data published in *Current Industrial Reports*, Series M23A and M23B.

## No. 1126. HOSIERY—PRODUCTION, BY TYPE: 1950 TO 1961

(In thousands of dozens of pairs. Excludes Alaska and Hawaii. Excludes slipper socks)

TYPE	1950	1955	1957	1958	1959	1960	1961
Total, all types.....	160,046	151,911	145,048	148,644	156,286	154,865	168,464
Women's and misses' (full- and knee-length).....	59,033	59,905	57,696	59,827	63,123	64,875	70,053
Full-fashioned.....	51,584	47,250	37,949	36,402	33,128	28,735	22,809
Nylon.....	51,032	46,981	37,746	36,319	32,973	28,604	22,210
All other.....	552	269	203	143	155	131	90
Seamless.....	7,449	12,655	19,747	23,365	29,995	36,140	47,744
Nylon.....	4,303	10,062	18,669	22,219	28,976	35,337	40,990
Rayon.....	1,161	566	262	270	257	172	176
Cotton.....	1,619	1,209	745	805	711	586	530
All other.....	366	218	71	62	51	45	48
Men's.....	63,181	56,593	50,612	50,846	52,506	51,184	50,892
Half-hose.....	14,057	8,912	6,997	5,211	5,348	6,086	4,646
Cotton.....	7,271	5,375	4,347	3,206	3,076	3,642	2,792
Nylon <sup>1</sup> .....	639	1,159	932	753	855	986	607
Rayon.....	4,281	1,178	766	611	639	678	670
Wool.....	1,862	1,143	818	551	650	616	628
All other.....	4	57	104	90	128	164	140
Slack socks and anklets.....	36,630	37,590	34,209	36,298	36,206	31,716	35,543
Cotton <sup>2</sup> .....	24,483	23,429	20,075	21,365	22,266	20,004	21,480
Nylon.....	3,038	9,486	9,546	9,785	8,324	7,452	9,250
Rayon.....	7,802	2,974	2,549	2,759	2,457	2,123	2,167
Wool.....	1,393	1,543	1,643	1,692	1,845	598	748
Other.....	4	158	396	717	1,314	1,479	1,908
Athletic socks.....	2,354	2,106	2,605	2,991	3,689	3,776	3,188
Cotton.....	278	347	501	661	940	1,172	1,113
Wool.....	2,076	1,759	2,105	2,330	2,740	2,604	2,075
Crew socks <sup>3</sup> .....	3,082	2,148	1,384	1,798	1,838	3,475	2,872
Bundle goods.....	7,058	5,747	5,416	4,543	5,425	6,131	4,743
Boys', children's, infants', and women's and misses'.....	37,832	35,593	36,740	37,971	40,657	38,806	47,519
Boys' anklets, crew socks, golf hose, slack socks and socks <sup>2,3</sup> .....	5,722	6,156	8,321	9,418	10,573	11,306	14,000
Children's anklets and socks.....	9,996	11,105	9,446	9,962	10,667	9,932	12,524
Infants' anklets, socks, and ribbed hose.....	7,961	5,395	5,704	5,799	6,197	6,415	7,117
Women's and misses' anklets, crew socks, and socks <sup>3</sup> .....	14,183	12,847	12,769	12,792	13,220	11,153	13,878

<sup>1</sup> Full-fashioned included with nylon through 1955; beginning 1957, distributed among other fibers.<sup>2</sup> Boys' anklets included with men's cotton socks and anklets through 1955.<sup>3</sup> Boys' and women's and misses' crew socks included with men's crew socks through 1955.Source: National Association of Hosiery Manufacturers, New York, N.Y., and Charlotte, N.C.; published annually in *Hosiery Statistics*.

## No. 1127. SHOES AND SLIPPERS—PRODUCTION, BY CLASS: 1947 TO 1961

[In thousands of pairs. Excludes Alaska and Hawaii. Excludes rubber footwear]

CLASS	1947	1950	1955	1958	1959	1960	1961 (prel.)
Shoes and slippers.....	484,964	522,532	585,369	587,115	637,364	598,442	599,790
Footwear, except slippers.....	437,312	464,506	517,300	516,543	558,663	523,854	526,218
Shoes, sandals, and playshoes.....	429,923	456,611	509,207	504,536	544,179	511,066	514,520
Men's.....	107,486	103,361	103,661	101,365	110,118	101,485	104,365
Youths' and boys'.....	19,829	16,721	22,097	23,698	26,163	24,445	24,549
Women's.....	212,381	236,059	270,908	270,698	292,437	275,541	278,873
Misses'.....	27,026	32,706	40,755	40,132	43,219	40,180	37,055
Children's.....	27,035	29,173	33,784	32,483	34,222	33,002	33,400
Infants'.....	21,664	24,747	38,002	36,160	38,020	36,413	36,277
Babies'.....	14,502	13,844					
Athletic shoes.....	4,233	3,644	4,723	5,879	7,694	7,008	6,008
Other footwear.....	3,156	4,251	3,370	6,128	6,790	5,780	5,690
Slippers for housewear.....	47,652	58,026	68,069	70,572	78,701	74,588	73,572

<sup>1</sup> Includes 1,657,000 pairs of playshoes other than women's and misses'.Source: Department of Commerce, Bureau of the Census; 1947 and 1953 Censuses of Manufactures reports and *Current Industrial Reports*, Series M31A.

## No. 1128. LEATHER—PRODUCTION, BY PRINCIPAL TYPES OF RAW STOCK: 1937 TO 1961

[In thousands. Excludes Alaska and Hawaii]

YEAR	Cattle hide	Calf and whole kip	Goat and kid	Sheep and lamb <sup>1</sup>	YEAR	Cattle hide <sup>2</sup>	Calf and whole kip	Goat and kid	Sheep and lamb <sup>1</sup>
1937.....	22,380	12,027	46,554	34,077	1950.....	24,383	10,659	37,203	31,397
1938.....	19,047	12,991	31,905	28,675	1951.....	22,703	7,955	31,111	24,504
1939.....	22,095	14,027	40,410	38,914	1952.....	22,694	9,960	36,418	27,902
1940.....	21,070	11,387	37,697	37,020	1953.....	24,070	9,958	32,154	28,264
1941.....	28,121	13,098	45,873	51,015	1954.....	24,210	9,366	26,496	23,706
1942.....	30,828	12,264	41,127	53,629	1955.....	25,832	10,393	26,109	26,434
1943.....	25,656	11,112	37,351	59,891	1956.....	25,908	8,546	25,103	27,241
1944.....	26,162	10,930	34,653	55,296	1957.....	25,511	9,217	22,336	25,565
1945.....	27,566	11,636	24,026	52,450	1958.....	23,818	8,069	19,992	27,453
1946.....	27,032	10,882	24,137	47,971	1959.....	23,167	6,573	22,797	32,054
1947.....	28,824	12,471	37,188	36,535	1960.....	21,969	6,332	18,835	36,478
1948.....	26,070	10,480	37,970	33,492	1961.....	22,736	6,391	14,865	31,891
1949.....	23,332	10,173	34,774	28,644					

<sup>1</sup> Includes the flesh side leather of split sheepskins (fleshers) and excludes the grain leather (skivers).<sup>2</sup> Beginning 1954, includes side kip.Source: Tanners' Council of America, Inc. Monthly data published in *Survey of Current Business*.

### No. 1129. RUBBER (NATURAL, RECLAIMED, AND SYNTHETIC)—NEW SUPPLY, DISTRIBUTION, AND STOCKS: 1945 TO 1961

(In tons of 2,240 pounds. Excludes Alaska, Hawaii, and Puerto Rico, except as noted. Natural rubber refers to dry weights of all types, including liquid latex, guayule, etc. Synthetic comprises SBR (including weight of oil content, beginning 1956) Neoprene, butyl, and butadiene-acrylonitrile, all years; beginning 1961, also includes polyisobutylene, chlorosulfonated polyethylene, and polysulfide, silicone, acrylic, stereo, and fluoro-carbon rubbers. Reclaimed comprises both natural and synthetic rubber reclaims]

ITEM	1945	1950	1955	1958	1959	1960	1961 <sup>1</sup>
<b>New supply</b> .....	1,209,761	1,618,108	1,945,733	1,798,148	2,264,119	2,149,687	2,065,362
Domestic production.....	1,064,218	789,190	1,296,382	1,814,203	1,683,707	1,729,238	1,062,513
Natural.....	536						
Reclaimed.....	243,309	313,006	325,914	250,578	304,145	292,796	200,563
Synthetic.....	820,373	476,184	970,468	1,054,625	1,379,662	1,436,442	1,401,945
Imports <sup>2</sup> .....	145,543	828,918	649,351	483,945	580,322	420,449	492,849
Natural.....	135,136	802,138	637,577	474,409	573,467	410,802	391,080
Reclaimed.....	(4)	1,059	735	231	136	452	110
Synthetic.....	10,407	25,721	11,039	9,305	6,719	0,195	11,659
<b>Distribution</b> .....	1,143,979	1,590,324	1,960,813	1,837,336	2,237,939	2,203,001	2,077,026
Domestic consumption.....	1,040,045	1,562,200	1,842,480	1,612,500	1,918,180	1,834,808	1,758,503
Natural.....	105,429	720,268	634,800	484,492	555,044	479,048	428,441
Reclaimed.....	241,036	303,733	312,781	248,156	290,410	276,615	246,910
Synthetic.....	693,589	638,289	894,899	870,912	1,072,726	1,079,245	1,080,152
Exports <sup>3</sup> .....	103,934	28,034	118,333	224,826	319,759	368,193	318,523
Natural.....	6,743	8,640	10,611	16,749	16,264	12,431	6,936
Reclaimed.....	13,413	11,741	13,988	11,362	13,027	13,759	15,529
Synthetic.....	83,778	7,653	93,734	196,715	290,468	342,003	296,667
<b>Stocks, end of year<sup>4</sup></b> .....	350,324	177,681	279,342	293,153	320,029	352,645	352,645
Natural.....	118,715	89,215	110,105	77,807	79,405	77,275	67,982
Reclaimed.....	28,165	35,708	31,498	29,063	29,028	32,798	30,354
Synthetic.....	203,454	62,758	137,739	186,283	210,996	242,791	254,309

<sup>1</sup> Includes Alaska and Hawaii.

<sup>2</sup> Excludes 6,786 tons of natural rubber delivered from Government stockpiles for 1959, 88,937 tons for 1960, and 25,781 tons for 1961.

<sup>3</sup> Includes Alaska, Hawaii, and Puerto Rico.

<sup>4</sup> Less than 0.5 long tons.

<sup>5</sup> Differences between "New supply" and "Distribution" not precisely comparable with "Stocks" due to year-end and inventory adjustments.

Source: Department of Commerce, Business and Defense Services Administration. Monthly data published in *Survey of Current Business*.

### No. 1130. SYNTHETIC ORGANIC CHEMICALS—PRODUCTION AND SALES, BY GROUP: 1958 TO 1960

[Production and sales in millions of pounds; sales value in millions of dollars. Excludes Alaska and Hawaii]

GROUP	1958			1959			1960		
	Pro- duction	Sales	Sales value	Pro- duction	Sales	Sales value	Pro- duction	Sales	Sales value
<b>Synthetic organic chemicals</b> .....	43,246	22,014	5,366	50,315	27,524	6,498	53,952	28,760	6,662
<b>Cyclic</b> .....	13,212	8,146	2,594	16,372	10,245	3,111	17,818	10,735	3,237
Intermediates.....	6,643	2,646	430	8,459	3,511	550	9,602	3,904	622
Dyes.....	140	139	177	170	159	200	160	143	162
Toners and lakes.....	35	28	53	43	33	60	40	33	64
Medicinal chemicals.....	28	52	518	73	58	548	77	55	621
Flavor and perfume materials.....	25	21	31	30	24	34	33	26	37
Plastics and resin materials.....	2,103	1,767	469	2,046	2,200	606	2,716	2,228	628
Rubber-processing chemicals.....	144	103	67	178	134	86	170	130	85
Elastomers (synthetic rubbers).....	1,753	1,554	302	2,213	2,006	463	2,283	1,949	469
Plasticizers.....	312	265	70	403	362	98	445	384	103
Surface-active agents.....	340	765	125	936	895	139	977	927	147
Pesticides and other organic agri- cultural chemicals.....	445	378	148	469	410	172	525	455	203
Miscellaneous.....	695	427	128	753	453	136	793	435	165
<b>Acyclic</b> .....	30,034	13,869	2,772	33,943	17,279	3,387	36,134	18,026	3,425
Medicinal chemicals.....	31	30	36	33	30	34	37	33	35
Flavor and perfume materials.....	18	19	21	21	21	22	22	21	23
Plastics and resin materials.....	2,415	2,289	806	3,219	2,970	1,034	3,427	3,119	1,025
Rubber-processing chemicals.....	25	20	13	32	25	16	29	22	16
Elastomers (synthetic rubbers).....	449	454	182	613	594	230	669	602	220
Plasticizers.....	100	91	35	136	115	44	157	116	45
Surface-active agents.....	509	438	110	568	477	132	555	472	131
Pesticides and other organic agri- cultural chemicals.....	65	89	117	117	93	53	122	115	50
Miscellaneous.....	26,386	10,439	1,520	29,206	12,954	1,822	31,115	13,525	1,861

Source: U. S. Tariff Commission; annual report, *Synthetic Organic Chemicals, U. S. Production and Sales*.

## No. 1131. CHEMICALS—PRODUCTION, BY KIND: 1947 TO 1961

[Beginning 1960, includes Alaska and Hawaii. 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, beginning 1955, by Government-owned privately operated plants]

CHEMICAL	Unit	1947	1950	1955	1960	1961 (prel.)
Acetylene <sup>1</sup> .....	Mil. cu. ft.....	3,007	5,331	8,512	12,143	11,604
Aluminum chloride:						
Anhydrous (100% AlCl <sub>3</sub> ).....	Short tons.....	( <sup>2</sup> )	31,878	36,911	24,013	21,875
Liquid and crystal (32° B <sub>é</sub> ).....	do.....	( <sup>2</sup> )	17,671	16,234	25,830	23,033
Aluminum sulfate (17% Al <sub>2</sub> O <sub>3</sub> ): <sup>3</sup>						
Commercial.....	do.....	( <sup>2</sup> )	669,897	808,202	879,105	886,512
Iron free.....	do.....	( <sup>2</sup> )	40,236	25,225	51,744	53,169
Ammonia, synthetic anhydrous.....	1,000 sh. tons.....	1,114	1,566	3,252	4,818	5,194
Ammonium nitrate, original solution (100% NH <sub>4</sub> NO <sub>3</sub> ).....	do.....	1,087	1,214	1,842	3,122	3,240
Ammonium sulfate, synthetic (technical) <sup>4</sup> .....	do.....	106	1,138	1,173	859	1,378
Argon (refined).....	Mil. cu. ft.....	60	60	247	870	664
Calcium carbide (commercial) <sup>5</sup> .....	1,000 sh. tons.....	607	671	875	1,093	( <sup>3</sup> )
Calcium phosphate, dibasic (100% CaH <sub>2</sub> PO <sub>4</sub> ).....	Short tons.....	41,323	53,040	104,559	234,016	220,769
Carbon, activated <sup>6</sup> .....	do.....	35,548	37,921	48,518	59,969	59,857
Carbon dioxide (liquid, gas, and solid) <sup>6</sup> .....	do.....	477,800	639,906	776,753	941,083	946,772
Chlorine, gas <sup>7</sup> .....	1,000 sh. tons.....	1,443	2,084	3,421	4,637	4,603
Chrome, yellow and orange (C.P.).....	Short tons.....	23,235	27,098	27,069	21,372	23,053
Hydrochloric acid (100% HCl).....	do.....	442,558	618,784	838,249	970,167	924,105
Hydrofluoric acid, anhydrous and aqueous (100% HF).....	do.....	27,933	35,174	66,637	113,754	112,315
Hydrogen, high purity (99.5-100%) <sup>8</sup> .....	Mil. cu. ft.....	21,185	45,163	35,831	{ 12,827	14,657
Hydrogen, lower purity (less than 99.5%) <sup>8</sup> .....	do.....				{ 52,734	52,538
Hydrogen peroxide (100% by weight).....	Short tons.....	6,588	10,787	( <sup>2</sup> )	28,690	30,681
Molybdate chrome orange (C.P.).....	do.....	2,238	3,905	6,280	6,326	7,062
Nitric acid (100% HNO <sub>3</sub> ).....	1,000 sh. tons.....	1,189	1,336	2,592	3,315	3,378
Nitrogen gas (100% N) <sup>9</sup> .....	Mil. cu. ft.....	507	1,350	3,300	18,566	25,256
Nitrogen solutions (100% N) <sup>9</sup> .....	Short tons.....	( <sup>2</sup> )	( <sup>2</sup> )	468,595	827,871	842,988
Oxygen, high purity (99.5-100% O) <sup>9</sup> .....	Mil. cu. ft.....	14,429	17,848	29,300	57,987	70,505
Oxygen, lower purity (less than 99.5%) (85% O) <sup>9</sup> .....	1,000 sh. tons.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1,479	1,495
Phosphoric acid (100% P <sub>2</sub> O <sub>5</sub> ).....	do.....	367	504	1,315	2,110	2,245
Phosphorus (white and red).....	Short tons.....	85,940	153,233	292,954	409,096	430,464
Potassium hydroxide (88-92% KOH).....	do.....	60,069	61,885	70,034	111,787	116,097
Potassium pyrophosphate (100% K <sub>4</sub> P <sub>2</sub> O <sub>7</sub> ).....	do.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	25,934	24,968
Soda ash: Synthetic (58% Na <sub>2</sub> O): <sup>10</sup>						
Total crude bicarbonate equivalent <sup>10</sup> .....	1,000 sh. tons.....	4,525	3,991	4,007	4,558	4,516
Finished light <sup>11</sup> .....	do.....	2,207	2,050	2,701	2,238	2,305
Finished dense.....	do.....	1,629	1,410	1,769	1,998	2,037
Soda ash, natural.....	do.....	276	338	680	830	774
Sodium bichromate and chromate.....	Short tons.....	90,285	89,820	118,524	121,872	120,894
Sodium chlorate (100% NaClO <sub>3</sub> ).....	do.....	20,450	22,086	46,972	91,885	102,360
Sodium hydroxide (caustic soda):						
Liquid (100% NaOH).....	1,000 sh. tons.....	2,103	2,511	3,915	4,972	4,897
Sodium phosphate:						
Tribasic (100% Na <sub>3</sub> PO <sub>4</sub> ).....	Short tons.....	88,568	66,801	51,846	50,977	53,885
Meta (100% NaPO <sub>3</sub> ).....	do.....	30,460	39,412	57,597	62,583	65,178
Tetra (100% Na <sub>4</sub> P <sub>2</sub> O <sub>7</sub> ).....	do.....	56,641	85,657	102,761	90,013	96,035
Acid pyro (100% Na <sub>2</sub> H <sub>2</sub> P <sub>2</sub> O <sub>7</sub> ).....	do.....	16,180	9,052	15,245	17,109	18,146
Tripoly (100% Na <sub>3</sub> P <sub>3</sub> O <sub>10</sub> ).....	do.....	( <sup>2</sup> )	233,034	556,337	689,776	755,560
Sodium silicate (soluble silicate glass, liquid and solid) (amhydrous) <sup>12</sup> .....	do.....	492,837	486,203	629,168	497,348	523,722
Sodium sulfate:						
Anhydrous (refined) (100% Na <sub>2</sub> SO <sub>4</sub> ).....	do.....	134,069	184,254	256,540	303,235	300,987
Glauber's salt (100% Na <sub>2</sub> SO <sub>4</sub> ·10H <sub>2</sub> O).....	do.....	202,285	185,626	140,177	72,340	63,527
Salt cake (crude) (commercial).....	do.....	693,517	561,395	737,599	737,996	814,778
Sulfuric acid, gross (100% H <sub>2</sub> SO <sub>4</sub> ) <sup>13</sup> .....	1,000 sh. tons.....	10,780	13,029	16,255	17,883	17,863
Titanium dioxide (composite and pure) (100% TiO <sub>2</sub> ).....	Short tons.....	210,647	298,618	408,836	455,583	502,876

<sup>1</sup> Excludes quantities of acetylene produced and consumed by railroad shops, shipyards, and small establishments using portable generators.

<sup>2</sup> Not available. <sup>3</sup> Excludes quantities produced and consumed by municipalities.

<sup>4</sup> Excludes byproduct coke-oven production.

<sup>5</sup> Includes data for decolorizing and water purificaton grades only.

<sup>6</sup> Excludes quantities produced and consumed in plants manufacturing soda ash or urea.

<sup>7</sup> Total production, including quantities liquefied for use, storage, or shipment.

<sup>8</sup> Beginning 1955, 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.

<sup>9</sup> Ammonia soda and caustic carbonation processes.

<sup>10</sup> Includes quantities used to manufacture caustic soda, sodium bicarbonate, and finished light and dense soda ash.

<sup>11</sup> Excludes quantities converted to finished dense soda ash.

<sup>12</sup> Prior to 1960, includes amounts produced and consumed in making meta-ortho and sesquisulfates; beginning 1960, excludes these amounts.

<sup>13</sup> Includes sulfuric acid of oleum grades.

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports; 1950-1961 compiled from manufacturers' reports and published in *Current Industrial Reports*, Series M28A.

# No. 1132. INDUSTRIAL EXPLOSIVES SOLD FOR CONSUMPTION IN THE UNITED STATES: 1930 TO 1960

[In thousands of pounds. Includes Alaska and, beginning 1950, Hawaii. Excludes exports]

YEAR	Total <sup>1</sup>	Per- mis- sible explo- sives <sup>2</sup>	High explo- sives other than permis- sible	Black blast- ing pow- der	USE	Total	Per- mis- sible explo- sives <sup>2</sup>	High explo- sives other than permis- sible <sup>2</sup>	Black blast- ing pow- der
1959									
1930.....	445,090	53,826	291,391	99,873	Coal mining.....	<sup>1</sup> 370,027	82,573	279,608	1,038
1935.....	308,381	39,170	200,324	68,888	Metal mining.....	151,467	89	151,377	1
1940.....	423,369	58,436	305,180	59,753	Quarrying and non- metal mining.....	249,412	528	248,515	309
1945.....	457,311	97,407	322,956	36,948	Railway and other construction work.....	215,110	239	214,803	67
1946.....	536,315	100,258	399,233	36,824	Seismograph.....	50,704	-----	50,183	521
1947.....	651,391	122,349	476,017	36,464	All other purposes.....	11,857	91	11,430	336
1948.....	725,227	126,282	550,086	33,240	1960				
1949.....	631,230	91,630	505,601	20,077	Coal mining.....	<sup>1</sup> 414,007	79,667	332,395	938
1950.....	719,841	109,420	575,962	20,655	Metal mining.....	221,187	60	221,097	30
1951.....	753,821	108,258	611,236	13,985	Quarrying and non- metal mining.....	262,748	450	261,680	318
1952.....	764,718	95,400	636,741	10,602	Railway and other construction work.....	209,739	254	209,417	68
1953.....	790,811	89,879	668,052	9,515	Seismograph.....	51,331	10	51,321	-----
1954.....	715,955	75,863	612,054	10,297	All other purposes.....	13,326	136	13,006	185
1955.....	806,878	93,718	687,226	6,624					
1956.....	1,026,780	104,034	898,524	5,598					
1957.....	1,034,631	104,522	912,589	3,684					
1958.....	961,597	84,085	864,117	2,492					
1959.....	1,048,576	83,520	955,916	2,333					
1960.....	1,172,968	80,577	1,089,216	1,537					

<sup>1</sup> Beginning 1947, totals include sales of liquid oxygen explosive. For 1950 and 1960, such sales amounted to 6,808,000 and 1,668,000 pounds, respectively, all for use in coal mining.

<sup>2</sup> Represents type of high explosives approved by Bureau of Mines as suitable for safe use in coal mines provided specifications of use are followed.

<sup>3</sup> Includes prilled and/or grained ammonium nitrate blasting agents, both the completely processed variety and that not further processed.

Source: Department of the Interior, Bureau of Mines; *Consumption of Industrial Explosives*.

## No. 1133. ASPHALT AND TAR ROOFING AND SIDING PRODUCTS—SHIPMENTS: 1950 TO 1961

[Beginning 1960, includes Alaska and Hawaii]

PRODUCT	1950	1954	1955	1958	1959	1960	1961
Asphalt roofing.....1,000 squares.....	65,024	59,132	62,582	58,228	59,527	59,969	60,751
Smooth-surfaced.....do.....	14,377	11,591	11,502	9,839	8,920	8,919	8,792
Mineral-surfaced.....do.....	14,116	12,910	12,902	12,707	12,229	12,835	12,536
Strip shingles.....do.....	32,109	30,149	33,915	31,256	33,772	33,811	34,062
Individual shingles.....do.....	4,422	4,482	4,263	4,336	4,597	4,393	4,762
Asphalt sidings.....do.....	2,009	1,428	1,288	1,040	935	872	860
Roll form.....do.....	1,659	1,175	1,066	849	772	734	744
Shingle form.....do.....	850	252	223	191	163	138	116
Insulated siding, all types and finishes.....1,000 squares.....	2,402	2,297	2,195	1,618	1,519	1,131	1,012
Saturated felts.....short tons.....	720,951	869,755	1,038,819	955,197	1,026,749	983,253	936,137
Asphalt.....do.....	820,579	732,770	905,005	857,916	937,247	898,055	867,493
Tar.....do.....	100,372	136,985	133,814	97,281	89,502	85,198	68,644
Saturated and coated sheathings.....short tons.....	12,025	10,066	9,723	18,031	18,212	11,850	12,090

Source: Department of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M20A.



# **NO. 1134. PRESSED AND BLOWN GLASSWARE—VALUE OF SHIPMENTS, BY CLASS:** 1954 TO 1961

[In thousands of dollars. Beginning 1961, includes Alaska and Hawaii. Comprises products manufactured from glass produced in reporting establishment]

CLASS	1954	1955	1958	1959	1960	1961
<b>Total value</b> .....	379,754	377,056	386,048	461,233	478,782	482,799
Table, kitchen, art, and novelty glassware.....	123,478	132,139	149,006	174,456	188,534	193,440
Machine-made:						
Tumblers, goblets, and other stemware.....	43,523	46,297	50,887	53,768	53,950	55,470
Tableware.....	24,113	23,663	27,401	28,506	30,558	34,942
Kitchenware and cookingware.....						56,169
Ornamental, decorative, novelty glassware and smokers' accessories.....	55,842	62,170	70,718	92,002	70,423	13,014
Handmade.....					33,603	32,945
Lighting and electronic glassware.....	162,390	164,804	143,286	171,606	169,894	171,801
Bowls and enclosing globes (all types), shades, reflectors, and torches <sup>1</sup> .....	16,185	16,323	16,756	18,910	16,998	17,962
Electric-light bulb and electronic tube blanks. Tubing, cane, and other glass parts for electronic tubes and devices and electric light bulbs.....	127,400	131,382	109,023	131,520	131,454	27,276
Television tube blanks and parts.....						24,337
All other lighting and electronic glassware.....	18,805	17,099	17,507	21,266	21,442	-81,303
All other pressed and blown glassware.....	93,886	80,113	93,756	115,081	120,354	20,833
Scientific and laboratory glassware.....	23,785	18,049	24,465	26,169	30,115	117,558
Industrial glassware.....	16,369	12,975	14,825	18,601	18,262	28,039
Ophthalmic and optical instrument lens blanks and sunglass, eye protective, automotive, lantern, and searchlight lenses.....						21,330
Other pressed and blown glassware, not elsewhere classified.....	53,732	49,089	54,466	70,311	71,977	34,162
						34,027

<sup>1</sup> Includes lantern globes (oil and electric), lamp chimneys, and lamp parts.

Source: Department of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M32E.

# **NO. 1135. GLASS CONTAINERS—DIRECT EXPORTS AND DOMESTIC PRODUCTION AND SHIPMENTS, BY KIND: 1958 TO 1961**

[In thousand gross. Includes Alaska and Hawaii]

ITEM	1958		1959		1960		1961	
	Production	Shipments	Production	Shipments	Production	Shipments	Production	Shipments
<b>Total</b> .....	145,269	143,366	154,404	153,102	160,299	156,799	167,505	165,446
Direct exports.....		2,897		2,639		2,114		1,540
Domestic production and shipments:								
<b>Narrow-neck</b> .....	89,771	86,247	97,449	94,447	102,054	98,602	107,713	105,287
Food.....		15,422		16,239		17,628		17,009
Medicinal and health supplies.....		16,102		16,807		16,177		16,969
Household and industrial.....	52,714	9,658	50,203	11,418	56,753	11,248	56,746	10,394
Toiletries and cosmetics.....		9,834		10,377		10,630		10,857
Beverage, returnable.....	8,952	8,608	10,252	9,830	10,568	9,771	9,148	9,287
Beverage, nonreturnable.....	1,372	1,334	1,531	1,466	1,870	1,730	3,121	2,789
Beer, returnable.....	3,218	2,603	3,305	3,021	3,354	2,994	2,723	2,567
Beer, nonreturnable.....	8,772	8,604	10,071	9,920	14,042	13,513	19,871	19,067
Liquor.....	9,983	9,464	11,087	10,446	10,283	9,864	10,983	10,428
Wine.....	4,760	4,538	4,910	4,914	5,175	5,047	5,121	5,020
<b>Wide-mouth</b> .....	55,498	54,222	56,955	56,016	58,245	56,083	59,792	58,619
Food.....		42,198		44,255		44,371		47,032
Medicinal and health supplies.....		4,628		4,723		4,731		4,706
Household and industrial.....	52,840	1,855	54,851	1,953	56,432	1,898	58,100	1,708
Toiletries and cosmetics.....		2,962		3,091		3,270		3,286
Dairy products.....	1,961	1,923	2,104	1,994	1,813	1,813	1,692	1,707
Packers' tumblers.....	697	656	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )

<sup>1</sup> Includes fruit jars and jelly glasses.

<sup>2</sup> Packers' tumblers included with food.

Source: Department of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M32G.

## No. 1136. REFRACTORIES—SHIPMENTS: 1959 TO 1961

(Beginning 1961, includes Alaska and Hawaii)

PRODUCT	Unit	1959		1960		1961	
		Quantity	Value (\$1,000)	Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
<b>Clay refractories</b>			178, 632		179, 874		168, 098
Fire clay brick, standard and special shapes	M 9" equiv.	403, 829	70, 135	411, 487	73, 846	341, 200	62, 519
High-alumina brick and shapes <sup>1</sup>	do	20, 031	8, 919	21, 962	9, 978	23, 346	10, 851
Insulating firebrick and shapes	do	44, 596	10, 672	47, 250	11, 681	39, 412	9, 834
Ladle brick	do	200, 034	21, 175	193, 290	20, 438	187, 404	20, 925
Sleeves, nozzles, runner brick and tuyeres	do	46, 309	9, 553	35, 133	7, 804	32, 563	6, 814
Hot top refractories	Short tons	112, 768	6, 964	83, 322	5, 346	78, 994	5, 107
Glass-house pots, tank blocks, feeder parts, and upper structure shapes used only for glass tanks <sup>1</sup>	do	15, 098	4, 005	18, 792	5, 254	15, 681	4, 948
Refractory bonding mortars <sup>2</sup>	do	67, 458	7, 836	63, 792	7, 206	58, 698	6, 796
Plastic refractories and ramming mixes <sup>1</sup>	do	137, 076	11, 696	128, 122	10, 302	138, 373	11, 407
Castable refractories (hydraulic setting)	do	113, 438	11, 696	116, 015	11, 763	126, 402	13, 210
Ground crude fire clay, high alumina clay, and silica fire clay <sup>3</sup>	do	595, 961	4, 838	513, 006	5, 809	432, 757	5, 573
Other clay refractories			11, 173		10, 357		10, 080
<b>Nonclay refractories</b>			228, 435		234, 650		229, 205
Silica brick and shapes	M 9" equiv.	200, 566	40, 905	183, 297	39, 069	145, 027	29, 643
Magnesite and magnesite-chrome brick and shapes	do	53, 540	43, 591	52, 815	45, 493	61, 659	52, 090
Chrome and chrome-magnesite brick and shapes	do	47, 106	35, 472	44, 330	35, 742	41, 248	32, 367
Graphite refractories	Short tons	21, 191	12, 328	11, 360	8, 785	11, 939	8, 805
Mullite brick and shapes	M 9" equiv.	4, 429	5, 637	5, 659	6, 748	4, 634	5, 708
Extra-high alumina brick and shapes	do	2, 338	3, 679	3, 134	4, 937	3, 230	6, 590
Silicon carbide brick and shapes	do	4, 315	9, 933	3, 991	9, 389	3, 780	8, 781
Zircon and zirconia brick and shapes	do	899	3, 017	1, 150	4, 510	844	3, 386
Forsterite, pyrophyllite, molten-cast, and other nonclay brick and shapes			19, 041		23, 237		21, 085
Refractory bonding mortars	Short tons	106, 714	10, 803	113, 719	12, 078	160, 055	15, 791
Plastic refractories and ramming mixes	do	183, 233	21, 873	156, 986	18, 967	194, 270	21, 086
Refractory castables (hydraulic setting)	do	7, 671	1, 072	7, 789	1, 105	12, 362	1, 752
Dead-burned magnesia or magnesite <sup>3</sup>	do	159, 346	9, 295	133, 143	8, 367	155, 307	9, 615
Other nonclay refractory materials sold in lump or ground form <sup>3</sup>	do	223, 214	12, 760	208, 302	16, 223	158, 204	12, 810

<sup>1</sup> 50% Al<sub>2</sub>O<sub>3</sub> and over. Excludes data for mullite or extra-high alumina, included under nonclay refractories.<sup>2</sup> Bonding mortars containing more than 60% Al<sub>2</sub>O<sub>3</sub> dry basis included under nonclay refractories.<sup>3</sup> Represents only shipments by establishments classified in "manufacturing" industries and excludes shipments to refractory producers for manufacture of brick and other refractories.<sup>4</sup> Includes carbon refractories. <sup>5</sup> Includes gunning mixes; beginning 1960, includes carbon refractories.Source: Department of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M32C.

## No. 1137. STRUCTURAL CLAY PRODUCTS—PRODUCTION AND SHIPMENTS, BY KIND: 1950 TO 1961

(Beginning 1961, includes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series P 212, for production of brick)

PRODUCT	1950	1955	1959	1960	1961 (prel.)
<b>Brick (building or common and face):</b>					
Production.....1,000,000 standard bricks	6, 333	7, 902	7, 336	6, 943	6, 701
Shipments: Quantity.....mil. dol.	6, 486	7, 741	7, 258	6, 902	6, 410
Value.....mil. dol.	164	233	241	224	222
<b>Facing tile (structural), ceramic glazed, incl. glazed brick:</b>					
Production.....1,000,000 brick equivalent	( <sup>1</sup> )	455	398	378	403
Shipments: Quantity.....mil. dol.	( <sup>1</sup> )	446	370	370	392
Value.....mil. dol.	( <sup>1</sup> )	31	30	29	30
<b>Facing tile (structural), unglazed and salt glazed:</b>					
Production.....1,000,000 tiles	( <sup>1</sup> )	26	16	14	13
Shipments: Quantity.....mil. dol.	( <sup>1</sup> )	26	14	12	11
Value.....mil. dol.	( <sup>1</sup> )	4	3	3	2
<b>Structural clay tile, except facing:</b>					
Production.....1,000 short tons	1, 294	935	551	496	447
Shipments: Quantity.....mil. dol.	1, 317	929	521	488	437
Value.....mil. dol.	15	12	8	8	7
<b>Vitrified clay sewer pipe and fittings:</b>					
Production.....1,000 short tons	1, 549	2, 112	2, 025	1, 955	1, 850
Shipments: Quantity.....mil. dol.	1, 568	2, 056	1, 973	1, 854	1, 737
Value.....mil. dol.	53	84	98	95	80
<b>Clay floor and wall tile and accessories, incl. quarry tile:</b>					
Production.....1,000,000 square feet	125	233	259	242	228
Shipments: Quantity.....mil. dol.	127	233	253	233	227
Value.....mil. dol.	62	128	141	130	124

<sup>1</sup> Not available.Source: Department of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M32D.

## No. 1138. COPPER-BASE MILL AND FOUNDRY PRODUCTS—SHIPMENTS: 1950 TO 1961

[In millions of pounds, metal weight. Excludes Alaska and Hawaii]

TYPE OF PRODUCT	1950	1955	1957	1958	1959	1960	1961
<b>Total</b> .....	5,037	5,130	4,428	4,042	4,813	4,298	4,510
<b>Brass mill products</b> .....	2,554	2,532	1,947	1,790	2,221	1,878	2,008
Alloyed <sup>1</sup> .....	1,663	1,644	1,245	1,127	1,392	1,128	1,220
Unalloyed.....	890	888	703	663	829	750	848
<b>Copper wire mill products</b> <sup>2</sup> .....	1,427	1,556	1,556	1,415	1,585	1,521	1,554
<b>Brass and bronze foundry products</b> .....	1,057	999	880	805	962	862	848
<b>Copper-base powder mill products</b> .....	( <sup>3</sup> )	43	36	33	45	39	40

<sup>1</sup> Excludes webbing scrap generated in production of military ammunition cups and discs.<sup>2</sup> Copper content.<sup>3</sup> Not available.Source: Department of Commerce, Bureau of the Census and Business and Defense Services Administration; *Copper Industry Report, 1961*, and *Current Industrial Reports, Series B DSAF-84(60)-4*.

## No. 1139. ROLLED AND MISCELLANEOUS IRON AND STEEL PRODUCTS—PRODUCTION, BY KIND: 1930 TO 1961

[In thousands of short tons. See also *Historical Statistics, Colonial Times to 1867*, series P 208 and P 210-211, for production in long tons for selected items]

KIND	1930	1940	1945	1950	1955	1960	1961
<b>Hot-rolled products</b> .....	33,055	48,660	59,812	75,101	90,658	76,446	73,412
Plates.....	4,102	4,323	7,240	7,386	8,191	7,449	6,903
Sheets.....	3,933	11,706	12,067	22,093	31,617	20,815	28,399
Black plate.....	2,120	522	1	153			
Strip.....	2,175	2,078	2,543	3,904	3,684	1,549	1,483
Coils for cold reduced black plate and tin plate.....	( <sup>1</sup> )	3,104	4,437	5,991	7,670	7,957	7,909
Hoops.....	89	97	52	37	16	11	11
<b>Cotton ties and haling bands</b> .....	52	45	34	40	64	( <sup>2</sup> )	( <sup>3</sup> )
Bars—merchant.....	4,628	6,459	9,640	9,353	10,123	7,752	6,978
Bars—concrete reinforcement.....	652	1,426	835	1,833	2,303	2,358	2,644
Bars—light shapes.....	502	877	895	1,063	1,264	1,040	1,071
Structural shapes—heavy.....	3,372	3,355	3,572	4,379	5,072	5,085	4,446
Steel piling.....	118	186	180	243	303	286	304
Rails.....	2,098	1,679	2,418	1,850	1,227	711	472
Joint bars and tie plate bars.....	679	516	857	656	473	172	110
<b>Skelp</b> .....	3,004	2,709	2,804	4,164	5,144	3,193	3,320
<b>Blanks or pierced billets</b> .....	1,308	2,321	3,384	4,031	4,891	3,546	3,700
<b>Wire rods</b> .....	2,630	4,352	4,531	5,820	6,098	4,265	4,416
<b>Rolled forging billets</b> .....	341	920	3,567	1,213	1,939	927	797
<b>Blooms, billets, etc., for export</b> .....	11	1,678	179	11	242		123
<b>Car wheels (rolled steel)</b> .....		191	291	290	316	239	180
<b>All other</b> .....	790	116	171	101	101	91	176
<b>Miscellaneous products:</b> <sup>4</sup>							
Tin plate and terno plate.....	1,883	2,730	2,827	4,640	5,157	5,901	5,610
Galvanized sheets.....	1,171	1,695	1,676	2,274	2,375	3,102	3,551
Wire (plain).....	( <sup>1</sup> )	3,072	3,545	4,855	4,787	3,263	3,333
Wire nails.....	478	640	583	878	653	847	312
Pipes and tubes (black).....	( <sup>1</sup> )	4,273	6,030	9,310	10,039	7,638	7,387
<b>Forgings made by rolling mills</b> <sup>4</sup> .....	533	623	1,666	457	547	434	414
Cold finished bars.....	( <sup>1</sup> )	891	2,040	1,745	2,074	1,592	1,308
Sheets (cold rolled).....	( <sup>1</sup> )	3,630	3,854	10,433	16,355	16,479	14,760
Strip (cold rolled).....	( <sup>1</sup> )	930	1,390	2,203	2,496	1,718	1,776
Galvanized pipe.....	441	703	687	1,103	1,101	640	595

<sup>1</sup> Not available.<sup>2</sup> Included in strip.<sup>3</sup> These are mostly further elaborations of products listed above.<sup>4</sup> Includes forged axles.Source: American Iron and Steel Institute; *Annual Statistical Report*.

# NO. 1140. PIG IRON AND FERROALLOYS—CAPACITY, PRODUCTION, AND MATERIALS USED: 1940 TO 1961

[In thousands of short tons, except number of furnaces. See also *Historical Statistics, Colonial Times to 1857*, series P 233, for blast furnace capacity]

ITEM	1940	1945	1950	1955	1958	1959	1960	1961
Blast furnaces, total number, Jan. 1.....	232	243	248	261	265	266	263	260
Number in blast, Jan. 1.....	195	218	218	206	171	189	229	114
Blast furnace capacity <sup>1</sup> .....	55,724	67,314	71,560	83,971	91,000	94,635	96,521	(3)
Blast furnace production.....	46,979	54,166	65,440	77,790	57,764	60,829	67,320	65,295
Percent of capacity.....	84.3	80.5	91.4	92.6	63.5	64.3	69.7	(3)
Pig iron.....	46,072	53,223	64,587	76,857	57,158	60,194	66,481	64,631
Ferroalloys.....	907	943	853	932	600	635	839	664
Electric furnace production, ferroalloys.....	410	753	961	1,474	1,044	1,340	1,240	1,270
<b>Total production<sup>4</sup>.....</b>	<b>47,399</b>	<b>54,919</b>	<b>66,400</b>	<b>79,264</b>	<b>58,808</b>	<b>62,178</b>	<b>68,566</b>	<b>66,565</b>
Basic.....	33,988	39,867	49,880	62,485	49,115	52,114	58,261	58,150
Bessemer and low-phosphorus.....	7,835	8,570	8,426	7,690	3,920	3,430	3,701	2,777
Foundry (incl. ferro-silicon and silvery pig iron).....	2,791	3,067	3,646	3,558	2,054	2,526	2,152	1,896
Malleable.....	1,832	2,350	3,181	3,531	2,305	2,488	2,673	2,103
Ferromanganese and spiegeleisen.....	747	706	777	955	678	680	878	783
All other.....	206	360	490	1,035	736	940	811	856
<b>Materials used:<sup>5</sup></b>								
Iron and manganese ore and agglomerated products.....	79,672	91,276	112,156	127,753	91,650	95,589	104,608	101,908
Mill cinder, scrap, scale, etc.....	7,480	9,749	10,731	15,210	8,878	8,764	9,934	8,659
Coke.....	40,451	48,965	59,649	67,061	45,666	47,223	49,772	45,728
Limestone, dolomite, etc.....	16,678	20,863	27,708	29,744	17,232	16,058	15,868	13,546

<sup>1</sup> Annual capacity as of Jan. 1.

<sup>2</sup> Average annual capacity as of Jan. 1 and July 1.

<sup>3</sup> Not available.

<sup>4</sup> Includes ferroalloys produced in electric furnaces.

<sup>5</sup> Materials consumed in manufacture of pig iron only.

Source: American Iron and Steel Institute; *Annual Statistical Report*.

# NO. 1141. PIG IRON AND FERROALLOYS—PRODUCTION, BY STATES: 1945 TO 1961

[In thousands of short tons]

STATE	1945	1950	1955	1958	1959	1960	1961
<b>Grand total.....</b>	<b>54,919</b>	<b>66,400</b>	<b>79,264</b>	<b>58,808</b>	<b>62,178</b>	<b>68,566</b>	<b>66,565</b>
<b>Pig iron.....</b>	<b>53,223</b>	<b>64,587</b>	<b>76,857</b>	<b>57,158</b>	<b>60,194</b>	<b>66,481</b>	<b>64,631</b>
Massachusetts, New York.....	3,295	4,302	5,144	3,380	3,659	4,205	3,761
Pennsylvania.....	16,171	18,240	20,844	14,496	15,135	16,533	16,205
Maryland, West Virginia.....	3,519	5,203	6,094	7,668	7,164	7,987	8,108
Kentucky, Tennessee, Texas.....	808	1,460	1,713	3,415	3,658	3,541	3,533
Alabama.....	3,582	4,347	4,924	9,563	11,564	11,788	10,994
Ohio.....	11,259	12,510	15,370	7,774	6,630	8,404	8,877
Indiana.....	5,982	7,018	8,717	4,200	5,268	5,307	4,726
Illinois.....	5,045	6,024	6,489	3,320	4,049	4,981	5,005
Michigan, Minnesota.....	1,921	2,830	4,002	3,341	3,067	3,735	4,422
Colorado, Utah, California.....	1,642	2,053	3,561	1,651	1,984	2,085	1,934
<b>Ferroalloys.....</b>	<b>1,696</b>	<b>1,813</b>	<b>2,406</b>	<b>1,651</b>	<b>1,984</b>	<b>2,085</b>	<b>1,934</b>
New York, New Jersey.....	449	392	309	144	144	163	107
Pennsylvania.....	573	554	590	411	375	510	445
Virginia, West Virginia, South Carolina.....	171	287	404	355	451	345	418
Tennessee.....	66	60					
Alabama.....	85	59	114	(1)	(1)	(1)	(1)
Ohio.....	204	198	547	452	598	658	526
Other States.....	148	264	383	289	418	419	436

<sup>1</sup> Included in "Other States."

Source: American Iron and Steel Institute; *Annual Statistical Report*.

## No. 1142. IRON AND STEEL—WHOLESALE PRICE INDEXES: 1930 TO 1962

[1957-59=100. Includes Alaska and Hawaii]

YEAR	Iron and steel, total	STEEL MILL PRODUCTS			Pig iron and ferro-alloys	Iron ore	Scrap, iron and steel	Foundry and forge shop products
		Total	Finished	Semi-finished				
1930.....	35.4							
1935.....	34.4							
1940.....	37.7	36.7	37.3	31.5				
1945.....	39.3	37.9	38.5	32.9				
1950.....	66.9	62.9	63.1	60.7	69.8	69.9	101.0	67.6
1955.....	83.2	81.8	81.9	81.9	83.7	91.1	101.0	82.0
1956.....	91.6	88.7	88.8	87.7	91.4	98.2	127.8	90.4
1957.....	98.4	97.2	97.2	97.1	99.6	103.1	112.9	97.4
1958.....	99.9	100.6	100.6	100.7	100.1	100.5	90.5	100.3
1959.....	101.8	102.2	102.3	102.2	100.3	96.4	98.7	102.3
1960.....	100.6	102.1	102.1	102.0	96.3	97.1	79.9	103.1
1961.....	100.7	101.7	101.7	101.8	94.7	98.1	84.7	103.4
March.....	100.8	101.9	101.9	101.8	94.8	98.1	84.9	103.3
1962, March.....	99.8	101.5	101.5	101.8	91.9	93.2	76.2	103.2

Source: Department of Labor, Bureau of Labor Statistics.

## No. 1143. STEEL—CAPACITY AND PRODUCTION OF INGOTS AND STEEL FOR CASTINGS, BY TYPE OF FURNACE: 1930 TO 1961

[In thousands of short tons. Excludes foundries which normally produce steel only for castings. See also *Historical Statistics, Colonial Times to 1967*, series P 203-207, for production in long tons, and P 234, for capacity]

YEAR	Capacity (Jan. 1)	PRODUCTION							Index of production (1957-59 = 100)	
		Total	Percent of capacity	Open hearth			Bes- semer	Basic oxygen process		Electric
				Total	Basic	Acid				
1930.....	71,042	44,591	62.8	38,587	-----	-----	5,623	381	45.0	
1935.....	78,452	38,184	48.7	34,401	34,005	397	3,175	807	39.3	
1940.....	81,619	66,983	82.1	61,573	60,883	690	3,709	1,701	68.8	
1945.....	95,505	79,702	83.5	71,940	71,070	870	4,305	3,457	82.0	
1946.....	91,891	66,603	72.5	60,712	60,112	600	3,328	2,563	68.6	
1947.....	91,241	84,894	93.0	76,874	76,209	665	4,233	3,788	87.4	
1948.....	94,233	88,640	94.1	79,340	78,715	625	4,243	5,057	91.0	
1949.....	96,121	77,978	81.1	70,249	69,742	507	3,947	3,783	80.3	
1950.....	99,983	90,836	96.9	86,263	85,662	601	4,535	6,039	99.7	
1951.....	104,230	105,200	100.9	93,167	92,387	779	4,891	7,142	108.3	
1952.....	108,588	93,168	85.8	82,846	82,143	703	3,524	6,798	95.7	
1953.....	117,547	111,610	94.9	100,474	99,828	646	3,856	7,280	114.9	
1954.....	124,330	88,312	71.0	80,327	79,923	405	2,548	5,436	90.9	
1955.....	125,828	117,036	93.0	105,359	104,805	555	3,320	307	8,050	120.5
1956.....	128,363	115,216	89.8	102,841	102,168	673	3,228	506	8,641	118.3
1957.....	133,450	112,715	84.5	101,658	101,028	630	2,475	612	7,971	116.0
1958.....	140,743	85,255	60.6	75,879	75,502	378	1,896	1,323	6,656	87.8
1959.....	147,634	93,446	63.3	81,689	81,225	444	1,880	1,864	8,538	96.2
1960.....	148,571	99,282	66.8	86,368	85,964	404	1,189	3,346	8,379	101.9
1961.....	(2)	98,014	(2)	84,502	84,108	394	881	3,967	8,664	100.9

<sup>1</sup> Average of Jan. 1 and July 1.<sup>2</sup> Not available.Source: American Iron and Steel Institute; *Annual Statistical Report*.

# No. 1144. IRON AND STEEL—AGGREGATE EXPORTS OF SELECTED ITEMS: 1900 TO 1961

[Quantities in thousands of short tons; values in thousands of dollars. Includes exports of Alaska, Hawaii, and Puerto Rico to foreign countries. Includes ferromanganese. Beginning 1925, excludes steam and hot water heating boilers and radiators. Value figures through 1920 exclude, and those beginning 1925 include, data for small items for which quantity figures are not available. Includes shipments under foreign aid programs; beginning 1945 also includes civilian supply shipments. See table 1146 for revised list of articles included, effective 1952]

YEAR	Quantity	Value	YEAR	Quantity	Value	YEAR	Quantity	Value
1900.....	1,202	42,518	1945.....	5,203	461,147	1954.....	14,826	653,468
1905.....	1,131	33,813	1946.....	5,149	449,843	1955.....	19,723	979,357
1910.....	1,723	69,436	1947.....	6,904	830,655	1956.....	11,574	1,281,444
1915.....	3,957	140,993	1948.....	4,885	659,779	1957.....	13,657	1,622,570
1920.....	5,527	458,370	1949.....	5,146	714,780	1958.....	16,328	1,046,410
1925.....	1,974	144,262	1950.....	3,248	465,141	1959.....	17,009	884,735
1930.....	2,220	139,039	1951.....	3,783	612,236	1960.....	11,493	1,186,585
1935.....	3,431	88,414	1952.....	4,854	771,442	1961.....	12,458	1,142,480
1940.....	11,876	524,426	1953.....	3,711	640,159			

<sup>1</sup> See footnote 1, table 1146.

Source: Department of Commerce, Bureau of the Census; prior to 1947, *Foreign Commerce and Navigation of the United States*; thereafter, *Quarterly Summary of Foreign Commerce of the United States*, and records.

## No. 1145. STEEL PRODUCTS—SHIPMENTS, BY MARKET CLASSES: 1940 TO 1961

[In thousands of short tons. Comprises carbon, alloy, and stainless steel]

MARKET CLASSES	1940	1945	1950	1955	1959	1960	1961
<b>Total</b> .....	<b>45,851</b>	<b>57,242</b>	<b>72,232</b>	<b>84,717</b>	<b>69,377</b>	<b>71,149</b>	<b>66,126</b>
<b>Domestic shipments</b> .....	<b>37,752</b>	<b>53,449</b>	<b>69,665</b>	<b>81,134</b>	<b>67,968</b>	<b>68,586</b>	<b>64,396</b>
Steel for converting and processing <sup>1</sup> .....	1,646	2,706	3,900	3,753	3,133	2,928	2,373
Forgings, except automotive <sup>2</sup> .....	435	1,418	1,082	1,266	957	841	735
Bolts, nuts, rivets, and screws.....	708	1,083	1,410	1,475	1,071	1,072	995
Warehouses and distributors.....	6,687	9,571	13,360	15,758	13,049	12,480	12,365
Oil and gas industry.....	654	667	1,684	2,196	1,890	1,125	1,528
Other.....	6,033	8,904	11,676	13,562	11,159	11,355	10,837
Construction, including maintenance.....	5,558	6,060	8,602	9,682	8,514	9,604	9,260
Rail transportation.....	150	66	124	75	40	51	(3)
Oil and gas.....	691	1,396	3,039	2,448	2,262	2,166	2,020
Other.....	4,818	4,598	5,439	7,159	6,212	7,447	7,240
Contractors' products.....	(4)	(4)	3,075	3,982	3,573	3,602	3,851
<b>Automotive</b> .....	<b>7,325</b>	<b>4,071</b>	<b>14,472</b>	<b>18,722</b>	<b>14,214</b>	<b>14,610</b>	<b>12,594</b>
Vehicles, parts, etc.....	7,185	3,774	13,023	18,203	13,792	14,194	12,146
Forgings.....	140	297	549	510	422	410	448
Rail transportation.....	3,777	5,121	4,209	3,521	2,357	2,525	1,594
Railroad rails, trackwork, and equipment.....	1,202	1,451	2,222	1,580	763	723	422
Freight cars, passenger cars, and locomotives.....	2,575	3,670	2,029	1,901	1,572	1,763	1,139
Street railways and rapid transit systems.....			48	40	22	39	33
Shipbuilding and marine equipment.....	940	2,719	327	601	642	622	680
Aircraft <sup>3</sup> .....	48	301	52	97	71	78	85
Oil and gas drilling.....	(4)	(4)	620	793	541	404	365
<b>Mining, quarrying, and lumbering</b> .....	<b>141</b>	<b>210</b>	<b>289</b>	<b>260</b>	<b>235</b>	<b>288</b>	<b>275</b>
Agricultural.....	920	1,120	1,538	1,337	1,265	1,003	1,050
Agricultural machinery.....	(5)	(5)	1,298	1,112	964	765	717
Other.....	(5)	(5)	240	225	301	238	333
<b>Machinery, industrial equipment, and tools</b> .....	<b>1,108</b>	<b>1,607</b>	<b>3,474</b>	<b>4,699</b>	<b>4,158</b>	<b>3,958</b>	<b>3,750</b>
Electrical machinery and equipment.....	777	819	1,837	2,292	2,052	2,078	1,972
Appliances, utensils, and cutlery.....	950	675	2,088	2,199	1,829	1,760	1,740
Other domestic and commercial equipment.....	1,210	1,433	1,804	2,189	1,833	1,050	1,811
<b>Containers</b> .....	<b>2,985</b>	<b>4,333</b>	<b>5,911</b>	<b>6,723</b>	<b>6,318</b>	<b>6,429</b>	<b>6,023</b>
Cans and closures.....	(5)	(5)	4,339	4,947	5,010	4,976	5,271
Barrels, drums, and shipping pails.....	(5)	(5)	925	983	773	842	810
Other.....	(5)	(5)	647	793	535	611	542
Ordnance and other direct military.....	(5)	5,500	195	857	127	165	182
Nonclassified shipments.....	2,135	4,693	1,330	910	2,029	2,120	2,051
<b>Exports</b> <sup>6</sup> .....	<b>8,099</b>	<b>3,793</b>	<b>2,567</b>	<b>3,583</b>	<b>1,409</b>	<b>2,563</b>	<b>1,730</b>

<sup>1</sup> Not total after deducting shipments to reporting companies for conversion or resale.

<sup>2</sup> Aircraft forgings shipped to independent forgers included in "Forgings, except automotive" prior to April 1950; included in "Aircraft" thereafter.

<sup>3</sup> Included in "Construction, including maintenance: Other."

<sup>4</sup> Included in "Construction, including maintenance." <sup>5</sup> Not available.

<sup>6</sup> Reporting companies only.

Source: American Iron and Steel Institute; *Annual Statistical Report*.

## No. 1146. IRON AND STEEL—EXPORTS OF SELECTED ITEMS, BY KIND: 1959 TO 1961

[Includes exports of Alaska, Hawaii, and Puerto Rico to foreign countries. Includes shipments under foreign aid programs and civilian supply shipments]

KIND	QUANTITY (1,000 short tons)			VALUE (\$1,000)		
	1959	1960	1961	1959	1960	1961
<b>Total</b> .....	7,009	11,493	12,458	884,735	1,186,585	1,142,480
Pig iron.....	10	112	416	547	5,174	19,243
Iron and steel scrap.....	4,939	8,040	9,716	167,716	241,572	354,017
Iron products and steel mill products, semi-finished.....	35	129	185	4,642	14,330	20,139
Steel ingots, blooms, billets, slabs, sheet bars, and tin-plate bars.....	15	73	131	2,244	7,515	12,724
Iron and steel skelp.....	16	44	42	1,915	5,339	4,264
Wire rods and other semifinished steel mill products.....	4	12	12	482	1,477	3,151
Iron products and steel mill products, rolled and finished.....	1,640	2,852	1,804	342,089	569,938	384,751
Iron and steel bars and bar size rods and shapes.....	67	85	91	14,701	20,169	22,274
Steel plates, hot- or cold-rolled, not fabricated, and armor plates, rolled.....	66	91	97	13,650	20,473	19,594
Steel sheets, black, ungalvanized.....	275	1,112	356	56,617	198,379	72,820
Steel sheets, galvanized.....	33	38	59	6,789	7,075	11,100
Steel sheets, coated, except galvanized and steel sheets for enameling.....	43	51	36	8,017	9,563	7,313
Electrical steel sheets and strip.....	45	64	45	18,714	28,255	19,428
Steel strip, coated or uncoated, exc. elec. ....	40	73	70	15,268	27,800	24,925
Tin mill prod. (tin mill black plate, tin plate and ternoplate).....	460	686	481	72,858	116,151	75,333
Structural shapes, not fabr., and piling.....	240	295	223	31,850	41,180	30,825
Rails, trackwork, and track accessories.....	85	138	112	12,506	21,459	17,361
Pipe, tubes, and tubing.....	274	197	213	83,300	70,802	75,704
Steel wire, not elsewhere classified.....	21	23	21	7,621	7,738	7,770
Other steel mill prod., rolled and finished.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	<sup>3</sup> 108	203	304
Castings and forgings.....	81	78	74	22,530	23,761	22,009
Railway car and locomotive wheels, tires, and axles, rolled and forged.....	9	7	5	2,731	2,400	1,968
Bolts, screws, nuts, rivets, and washers.....	14	13	13	15,290	16,109	16,842
Nails, staples, and spikes.....	3	5	3	2,736	3,352	2,967
Builders', furniture, car, marine, and other hardware and parts.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	23,625	22,199	22,153
Pipe fittings.....	24	21	22	23,767	23,515	25,547
Fabricated steel products.....	133	122	103	41,669	35,491	39,420
Sash, sections, and frames, door and window, and other construction materials.....	7	7	9	5,239	5,654	6,903
Chains and parts.....	10	8	8	10,758	10,101	9,992
Welding rods and wires.....	14	13	10	8,360	8,567	8,326
Wire cloth.....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	1,104	1,153	1,418
Wire-reinforcing fabric and wire rope, cord, cable, and strand.....	12	11	10	6,814	5,689	5,379
Other iron and steel manufactures.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	198,621	187,152	188,696
Ferroalloys.....	69	74	79	6,508	10,428	12,710

<sup>1</sup> Excludes figures for wire cloth and for articles footnoted as not reported.<sup>2</sup> Not reported.<sup>3</sup> Sampling error (see text, p. 857) probably not greater than 10 to 15 percent.<sup>4</sup> Reported in square feet: 5,037,493 in 1959; 5,339,940 in 1960; 5,213,831 in 1961.Source: Department of Commerce, Bureau of the Census; *Quarterly Summary of Foreign Commerce of the United States*, and records.

## No. 1147. ALUMINUM AND MAGNESIUM—NET SHIPMENTS OF MILL PRODUCTS: 1950 TO 1961

[In thousands of pounds. Beginning 1961, includes 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]

ITEM	1950	1955	1957	1958	1959	1960	1961
<b>Aluminum mill products</b> .....	1,713,449	2,791,791	2,677,623	2,597,115	3,386,052	3,049,068	3,344,958
Plate, sheet, and foil.....	1,163,135	1,542,723	1,396,502	1,353,080	1,768,518	1,637,255	1,763,935
Rolled structural shapes, rod, bar and wire.....	1,260,780	367,951	399,097	345,716	446,647	391,799	454,836
Extruded shapes, tube blooms and tubing.....	258,075	775,092	789,573	821,862	1,082,157	937,110	1,033,853
Powder, flake and paste.....	22,450	35,681	28,187	25,628	34,883	32,849	35,885
Forgings.....	( <sup>1</sup> )	70,344	64,264	50,829	53,847	50,055	56,440
<b>Magnesium mill products</b> .....	12,810	21,186	21,915	18,702	22,169	20,656	21,280

<sup>1</sup> Forgings included with rolled rod and bar.Source: Department of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M33-2.

**No. 1148. FERROUS CASTINGS—SHIPMENTS AND UNFILED ORDERS: 1950 TO 1961**  
 [In thousands of short tons. Beginning 1961, includes Alaska and Hawaii. Gray iron castings, except 1950, are based on a sample of foundries; all other data on a complete count]

ITEM	1950	1955	1957	1958	1959	1960	1961
<b>GRAY IRON CASTINGS</b>							
Shipments <sup>1</sup> .....	13,725	14,838	12,664	10,371	12,308	11,594	10,824
Pressure pipe and fittings.....	1,215	1,687	1,351	1,278	1,441	1,336	1,334
Soil pipe and fittings.....	795	870	758	789	862	782	834
All other gray iron castings.....	11,715	12,281	10,555	8,304	10,005	9,476	8,606
Unfiled orders, Dec. 31 <sup>2</sup> .....	2,142	1,675	676	608	847	553	671
Pressure pipe and fittings.....	617	277	165	142	178	146	172
Soil pipe and fittings.....	208	27	22	21	17	16	14
All other gray iron castings.....	1,317	771	488	445	652	391	485
<b>MALLEABLE IRON CASTINGS</b>							
Shipments.....	942	1,105	863	661	916	821	723
For sale.....	537	653	520	384	557	467	428
For own use.....	405	452	343	277	359	354	295
Standard malleable.....			714	541	730	632	554
Pearlitic malleable.....			149	120	186	189	169
Unfiled orders, Dec. 31 <sup>2</sup> .....	222	123	75	66	94	55	66
Standard malleable.....			59	53	71	41	50
Pearlitic malleable.....			16	13	23	14	16
<b>STEEL CASTINGS</b>							
Shipments <sup>1</sup> .....	1,481	1,531	1,766	1,121	1,413	1,392	1,217
Carbon.....	1,130	1,088	1,323	802	1,044	1,016	843
Alloy.....	351	443	438	319	369	376	374
Unfiled orders, Dec. 31 <sup>2</sup> .....	570	475	327	214	306	163	168
Carbon.....	476	364	248	153	257	125	112
Alloy.....	94	111	79	56	49	38	56

<sup>1</sup> Includes shipments for "own use."

<sup>2</sup> Unfiled orders for sale only. Excludes unfiled orders of captive plants.

Source: Department of Commerce, Bureau of the Census; monthly data published currently in *Current Industrial Reports*, Series M33A and M33-1.

**No. 1149. NONFERROUS CASTINGS—SHIPMENTS AND UNFILED ORDERS: 1950 TO 1960**

[In thousands of pounds. Beginning 1960, includes Alaska and Hawaii. Shipments include "for own use." Unfiled orders are for the end of the year and comprise "for sale" only. Data for 1950 based on complete coverage; other years based on sample and subject to sampling variation; see text, pp. 760-771]

TYPE OF CASTING	1950	1955	1957	1958	1959	1960 (prel.)
Shipments, all types.....	2,215,588	2,663,031	2,350,333	1,952,487	2,337,610	2,181,330
Unfiled orders, all types.....	303,305	273,698	181,923	162,373	190,998	148,414
Copper and copper-base alloy:						
Shipments.....	1,056,973	1,008,898	874,627	762,484	871,032	762,107
Unfiled orders.....	73,940	57,241	31,553	26,006	28,052	21,914
Aluminum and aluminum-base alloy:						
Shipments.....	543,082	827,162	751,815	641,700	786,399	751,802
Unfiled orders.....	113,800	123,881	86,323	76,566	86,808	71,398
Zinc and zinc-base alloy:						
Shipments.....	570,332	778,000	669,775	500,071	631,210	623,203
Unfiled orders.....	106,885	86,120	58,799	54,632	72,246	51,516
Magnesium and magnesium-base alloy:						
Shipments.....	15,224	27,854	30,322	28,776	27,253	23,540
Unfiled orders.....	7,654	5,981	4,823	4,836	3,421	3,156
Lead and lead-base alloy die: <sup>1</sup>						
Shipments.....	20,977	21,117	23,791	19,456	21,716	20,675
Unfiled orders.....	1,526	475	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	480

<sup>1</sup> Excludes producers of lead die castings for battery plates and parts; they reported shipments of 146 million pounds in 1960.

<sup>2</sup> Withheld because estimates did not meet publication standards.

Source: Department of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M33E.



# No. 1150. MANUFACTURERS' SALES AND RETAIL VALUE OF HOME APPLIANCES: 1940 TO 1961

[Includes Alaska and Hawaii. Compiled from sales reports and estimates of associations and manufacturers, and from Census Bureau surveys of manufacturers. Sales figures represent manufacturers' sales including exports. Unless otherwise specified, figures are for electric appliances only]

PRODUCT	SALES (1,000 UNITS)					RETAIL VALUE (\$1,000,000)				
	1940	1950	1955	1960	1961	1940	1950	1955	1960	1961
Air conditioners, room.....	11	201	1,276	1,580	1,500	-----	63	383	435	389
Bed coverings, electric.....	-----	800	1,460	3,335	3,825	-----	32	45	77	88
Blenders.....	-----	225	405	455	515	-----	8	14	16	15
Can openers (incl. comb. can open- er-knife sharpeners).....	-----	-----	-----	1,200	1,655	-----	-----	-----	28	31
Cleaners, vacuum (floor type).....	1,341	3,529	3,270	3,313	3,260	73	280	286	311	286
Clocks.....	3,600	8,100	7,200	8,300	8,350	18	54	50	58	59
Coffee makers, automatic.....	-----	900	3,075	4,695	4,440	-----	25	72	94	84
Dehumidifiers.....	-----	45	96	375	375	-----	6	12	40	37
Dishwashers, motor-driven.....	-----	230	295	555	620	-----	67	90	142	155
Driers, clothes.....	-----	319	1,397	1,260	1,192	-----	70	309	261	247
Electric.....	-----	251	1,028	818	778	-----	53	217	160	154
Gas.....	-----	68	369	442	414	-----	17	92	102	93
Fans:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Attic.....	-----	95	140	85	73	-----	12	18	9	7
Desk and bracket.....	1,682	2,450	2,525	1,200	1,200	11	42	50	23	22
Hussock or floor.....	-----	180	250	95	105	-----	7	10	4	7
Kitchen vent. and exhaust.....	} 107	495	860	1,630	1,578	2	18	30	65	61
Range hood, self contained.....		-----	-----	-----	-----	-----	-----	-----	-----	-----
Window ventilating.....		-----	1,645	1,337	1,389	-----	-----	82	57	49
Portable roll-abouts.....	-----	-----	165	325	390	-----	-----	13	13	13
Floor polishers.....	-----	240	375	1,040	1,050	-----	14	20	44	45
Food waste disposers.....	-----	320	520	760	800	-----	43	60	61	64
Freezers, home.....	-----	890	1,100	1,045	1,050	-----	289	440	308	278
Frypans—skillets.....	-----	-----	2,060	2,455	2,425	-----	-----	51	44	44
Gas central heating equip. <sup>1</sup> .....	117	1,025	1,174	1,173	1,204	-----	-----	-----	-----	-----
Heaters, convector and radiant.....	528	1,115	1,680	1,990	2,585	2	15	50	65	84
Heating pads.....	932	1,725	1,980	2,575	2,570	3	12	12	15	15
Hotplates.....	415	1,160	950	565	580	1	9	7	5	5
Irons.....	-----	176	409	87	35	10	59	18	8	-----
Irons.....	2,597	-----	7,930	6,410	7,680	13	-----	113	92	111
Kitchen cabinets, steel.....	-----	2,960	4,046	-----	-----	-----	126	209	-----	-----
Knife sharpeners.....	-----	-----	-----	565	510	-----	-----	-----	8	8
Lamp bulbs and tubes <sup>2</sup> .....	1,115	2,007	2,479	2,773	2,779	-----	466	724	1,107	1,115
Large incandescent.....	568	934	1,009	1,121	1,130	-----	205	300	462	471
Other types.....	548	1,073	1,470	1,651	1,649	-----	262	424	645	644
Lawn mowers, power.....	42	1,080	2,750	3,800	3,500	5	100	237	285	254
Mixers, food:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Standard.....	460	1,700	1,615	815	640	10	67	71	20	24
Portable.....	-----	145	1,625	2,430	2,415	-----	3	32	44	41
Oil space heaters.....	390	886	370	222	195	21	73	37	27	23
Phonographs—record players:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Single players.....	-----	-----	2,234	3,681	2,728	-----	-----	154	368	273
Radio-combination units.....	-----	-----	393	842	1,204	-----	-----	-----	240	343
Record player attachments.....	-----	-----	379	104	-----	-----	-----	13	4	-----
Radios: <sup>3</sup>	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Home radios.....	11,860	8,175	2,998	3,440	3,100	356	383	80	79	73
Portable and clock radios.....	-----	1,675	4,271	7,255	8,707	-----	51	147	235	293
Ranges:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Electric.....	450	1,830	1,000	1,495	1,530	63	425	424	412	406
Standard.....	450	1,830	1,400	880	860	63	425	367	224	219
Built-in.....	-----	-----	200	635	670	-----	-----	57	189	187
Gas, domestic <sup>1</sup> .....	1,742	3,031	2,335	1,814	1,823	-----	-----	-----	271	272
Built-in <sup>1</sup> .....	-----	-----	100	339	344	-----	-----	-----	72	73
Recorders, magnetic.....	-----	-----	360	425	500	-----	-----	54	64	75
Refrigerators, electric.....	2,700	6,200	4,200	3,475	3,480	410	1,002	1,323	1,129	1,027
Shavers.....	900	2,150	4,750	5,950	6,550	12	51	121	101	78
Television, black and white <sup>3</sup> .....	-----	7,464	7,757	5,708	6,131	-----	2,235	1,745	1,260	1,295
Toasters.....	2,307	4,525	3,565	3,555	3,725	15	80	60	61	60
Waffle irons—sandwich grills.....	1,545	2,535	995	825	685	7	43	19	16	13
Washing machines:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Automatic and semi-automatic.....	} 1,455	1,646	3,123	2,601	2,700	} 104	423	845	697	697
Wringer and spinner.....		2,626	1,268	763	735		361	187	120	112
Washer-drier combinations.....	-----	-----	-----	151	100	-----	-----	-----	70	47
Water heaters:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Electric storage.....	125	990	900	715	785	10	131	104	75	71
Gas automatic domestic.....	551	2,365	2,748	2,666	2,500	-----	-----	149	267	250
Water softeners.....	-----	205	403	308	406	-----	-----	93	120	122
Water systems.....	259	723	788	-----	-----	-----	112	130	-----	-----

<sup>1</sup> Source: American Gas Association, from data of Gas Appliance Manufacturers Association.

<sup>2</sup> In millions of units. <sup>3</sup> Production.

Source: *Electrical Merchandising Week*, January 1962; published by McGraw-Hill Publishing Co., Inc., New York, N.Y. (except as noted).

# **No. 1151. ELECTRICAL MACHINERY AND RELATED PRODUCTS—VALUE OF SHIPMENTS:** 1947 to 1960

[In millions of dollars. Beginning 1959, includes Alaska and Hawaii. Figures for 1950 and 1955 are based on sample and subject to sampling variation; see Technical Note, p. 771]

PRODUCT	1947	1950	1954	1955	1958	1959	1960
Carbon and graphite products.....	69	100	115	152	157	195	(1)
Electric lamps (bulbs).....	192	243	310	337	394	463	484
Electrical appliances:							
Electric fans (except industrial type).....	49	60	88	75	77	68	(1)
Household water heaters.....	60	64	48	49	57	54	(1)
Small household electric appliances (except fans) <sup>2</sup> .....	249	306	371	426	413	450	(1)
Household ranges and parts.....	132	218	104	224	204	256	(1)
Electrical equipment for internal combustion engines.....	337	487	564	700	604	770	(1)
Electrical hearing aids.....	17	23	29	32	40	47	(1)
Electrical measuring instruments.....	156	150	347	339	588	719	(1)
Electrical welding apparatus.....	108	110	100	212	233	279	(1)
Electronic tubes:							
Transmitting and industrial type tubes, except X-ray tubes.....	25	(3)	163	181	225	258	(1)
Radio and TV receiving-type tubes, except cathode ray.....	87	198	289	359	337	336	(1)
Cathode ray tubes (TV receiver type).....	7	(2)	213	205	177	212	(1)
Motors and generators.....	856	888	1,338	1,342	1,201	1,423	(1)
Phonograph records.....	102	85	80	80	136	142	(1)
Primary batteries (dry and wet) including parts and supplies.....	78	95	118	121	136	158	(1)
Radios and related products:							
Household radio receivers, television sets, radio phonographs, phonographs, and record players.....	810	1,687	1,385	1,508	1,276	1,205	1,213
Commercial radio communications, radio navigation aids, and broadcast equipment.....	225	269	1,375	1,167	1,674	2,106	(1)
Electronic components and accessories, n.e.c. <sup>4</sup> .....	349	697	988	1,061	1,481	1,933	(1)
Storage batteries.....	293	310	336	365	361	401	(1)
Switchgear and switchboard apparatus.....	361	382	724	663	891	950	(1)
Transformers.....	327	465	629	623	638	736	(1)
Wiring devices and supplies.....	376	492	559	698	851	1,006	(1)
X-ray and therapeutic apparatus <sup>5</sup> .....	53	48	68	(3)	73	78	(1)

<sup>1</sup> Not available.

<sup>2</sup> Prior to 1953, includes dry shavers (electric razors) and soldering irons.

<sup>3</sup> Withheld because the estimate did not meet publication standards.

<sup>4</sup> Prior to 1958, data exclude solid state semi-conductor devices, electron tube parts, and phonograph needles and include loudspeakers, speaker systems and horns, microphones, chassis for home-type radio and TV receivers, and connectors for electronic application.

<sup>5</sup> Includes X-ray accessories and dental and industrial X-ray components and assemblies.

Source: Department of Commerce, Bureau of the Census; *Annual Survey of Manufactures and U.S. Census of Manufactures: 1958, Preliminary Industry Report Series*. 1959 and 1960 from *Current Industrial Reports*.

## **No. 1152. EXPORTS OF ELECTRIC HOME APPLIANCES—NUMBER: 1940 TO 1961**

[In thousands. Includes exports of Alaska, Hawaii, and Puerto Rico to foreign countries. Includes shipments under foreign aid programs; beginning 1950, also includes civilian supply shipments]

PRODUCT	1940	1945	1950	1955	1957	1958	1959	1960	1961
Vacuum cleaners.....	10	1	20	69	103	105	129	103	104
Clocks.....	87	27	315	212	180	177	164	124	191
Irons.....	163	54	241	170	143	222	205	225	317
Radios and televisions.....	558	39	423	388	392	485	399	322	493
Refrigerators <sup>1</sup> .....	102	7	200	361	352	371	323	282	242
Razors.....	37	2	25	(2)	(3)	(2)	(2)	(2)	(2)
Washing machines.....	30	1	53	83	91	88	103	95	94
Ranges.....	7	1	6	34	19	20	13	10	9

<sup>1</sup> Includes home freezers in 1950; beginning 1955, includes farm and home freezers.

<sup>2</sup> Not separately reported.

Source: Department of Commerce, Bureau of the Census; 1940 and 1945, *Foreign Commerce and Navigation of the United States*; thereafter, *Quarterly Summary of Foreign Commerce of the United States*, and records.

**No. 1153. MACHINERY (EXCEPT ELECTRICAL)—VALUE OF SHIPMENTS OF SELECTED CLASSES OF PRODUCTS: 1947 TO 1960**

In millions of dollars. Excludes Alaska and Hawaii. Figures for 1950 and 1955 based on sample and subject to sampling variation; see Technical Note, p. 771]

CLASS OF PRODUCT	1947	1950	1954	1955	1958	1959	1960
Ball and roller bearings and components.....	353	450	534	674	637	808	737
Commercial laundry, dry-cleaning, and pressing machines <sup>1</sup> .....	93	77	77	87	107	124	120
Computing machines and cash registers <sup>1</sup> .....	302	350	501	582	965	1,044	1,324
Construction machinery, except tractors.....	932	974	1,159	1,456	1,365	1,568	1,449
Mining machinery.....	234	241	432	419	278	337	338
Conveyors.....	234	241	432	419	334	342	307
Cutting tools, jigs, fixtures, etc.....	675	836	1,024	( <sup>2</sup> )	1,750	2,011	2,286
Domestic laundry equipment.....	434	532	596	733	720	802	695
Elevators and moving stairways <sup>1</sup> .....	96	102	128	131	165	187	205
Fabricated pipe and fittings made from purchased pipe.....	110	( <sup>2</sup> )	214	210	265	247	224
Farm machinery (except tractors).....	844	1,052	1,062	1,128	1,514	1,594	1,438
Food-products machinery.....	335	324	371	383	400	436	462
Heat exchangers and steam condensers.....	53	77	163	124	187	151	146
Household mechanical refrigerators, incl. electric and gas.....	515	925	574	713	551	677	624
Industrial fans and blowers, including parts.....	130	130	274	274	253	247	260
Industrial furnaces and ovens.....	85	72	154	159	185	197	215
Industrial trucks, tractors, trailers, and stackers <sup>1</sup> .....	157	166	255	312	277	375	389
Internal combustion engines, exc. automotive and aircraft <sup>2</sup> .....	617	( <sup>4</sup> )	* 923	( <sup>4</sup> )	1,116	1,319	1,215
Mechanical power-transmission equipment.....	426	464	595	700	623	739	711
Mechanical stokers <sup>1</sup> .....	36	19	16	16	14	( <sup>4</sup> )	( <sup>4</sup> )
Office and store machines.....	179	208	237	271	214	225	247
Oil and gas field machinery and tools, incl. drilling equipment.....	263	333	469	647	496	566	507
Paper-industries machinery <sup>1</sup> .....	135	115	175	207	280	300	348
Printing-trades machinery and equipment <sup>1</sup> .....	191	201	229	248	271	290	350
Pumps and compressors.....	520	604	867	924	1,002	1,072	1,058
Scales and balances <sup>1</sup> .....	51	53	59	67	71	75	66
Sewing machines <sup>3</sup> .....	97	171	107	126	98	123	130
Steam engines and turbines.....	119	223	426	380	754	640	623
Textile machinery <sup>1</sup> .....	380	429	304	354	322	400	494
Tractors <sup>1</sup> .....	744	1,098	1,085	1,331	1,376	1,478	1,142
Typewriters <sup>1</sup> .....	140	130	142	164	184	208	209
Vacuum cleaners.....	151	167	144	176	156	162	161
Valves and fittings (except plumbing).....	549	712	912	1,087	1,133	1,310	1,302
Woodworking machinery.....	181	137	163	185	174	187	176

<sup>1</sup> Includes parts and attachments.

<sup>2</sup> Withheld because the estimate did not meet publication standards.

<sup>3</sup> Represents shipments to other companies only.

<sup>4</sup> Not available.

<sup>5</sup> Includes interplant transfers not segregated by type of engine.

<sup>6</sup> Includes parts and attachments (except cases and cabinets, and sewing machine needles).

Source: Department of Commerce, Bureau of the Census; *Annual Survey of Manufactures, U.S. Census of Manufactures: 1958*, and *Current Industrial Reports*.

**No. 1154. SHIPMENTS OF AIR-CONDITIONING AND REFRIGERATION EQUIPMENT: 1945 TO 1960**

[Value figures in thousands of dollars. Excludes Alaska and Hawaii. Represents manufacturers' billing prices for units actually billed and shipped]

PRODUCT	1945		1950		1955		1960	
	Number	Value	Number	Value	Number	Value	Number	Value
Condensing units.....	354,401	36,902	885,913	75,833	589,335	71,067	638,305	63,461
Ammonia refrigerants.....	1,785	2,503	245	352	84	154	—	—
Refrigerants except ammonia.....	352,616	34,399	885,068	75,481	589,251	70,913	638,305	63,461
Air-cooled.....	327,031	23,378	885,230	59,035	523,200	46,050	599,193	47,406
Water-cooled.....	25,585	11,021	60,429	16,446	66,051	24,863	39,112	16,055
Compressors and compressor units.....	107,340	9,578	954,368	46,977	2,554,031	116,917	4,366,372	208,679
Centrifugal-refrigeration systems.....	185	2,994	382	12,249	818	25,732	1,422	37,924
Heat-transfer equipment.....	—	22,422	—	61,337	—	114,064	—	151,651
Evaporative condensers.....	2,885	2,829	7,818	8,869	5,883	9,597	5,170	10,670
Unit coolers.....	91,003	10,186	133,300	24,588	97,034	15,053	133,096	16,207
Other heat-exchanger equipment.....	—	9,407	—	27,880	—	89,414	—	124,774
Packaged air-conditioning equipment.....	—	( <sup>1</sup> )	—	( <sup>1</sup> )	—	369,862	—	496,157
Ice-making machines.....	2,806	4,044	14,914	8,907	31,521	16,369	56,261	28,963

<sup>1</sup> Not available.

Source: Department of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M35M.

**NO. 1155. MACHINE TOOLS (METAL CUTTING AND METAL FORMING)—SHIPMENTS;  
BY MAJOR TYPES: 1958 TO 1960**

[Value in millions of dollars. Excludes Alaska and Hawaii. Includes light type machine tools, particularly in drilling machines, lathes, grinding and polishing machines, and milling machines. Excludes machine tools specifically designed for home workshops, model makers, garages, and service shops]

MAJOR TYPE	1958		1959		1960	
	Num- ber	Value	Num- ber	Value	Num- ber	Value
<b>Total</b> .....		672		680		778
<b>Metal cutting type</b> .....		463		469		539
Boring machines.....	1,403	52	1,604	46	1,523	47
Broaching machines.....	109	4	132	5	176	6
Drilling machines.....	30	24,068	33	22,175	30	30
Gear cutting and finishing machines.....	806	23	991	25	1,243	34
Grinding and polishing machines (except gear tooth grind- ing, honing, lapping, and buffing).....	55,195	80	57,723	94	53,360	117
Lathes.....	16,983	99	19,889	119	18,176	135
Milling machines.....	11,004	80	13,631	73	14,115	79
Planers.....	67	4	40	3	41	3
Shapers (except gear shapers).....	495	2	492	2	543	3
All other metal cutting machine tools.....		71		69		75
<b>Metal forming type</b> .....		209		211		238
Presses, including forging (power).....	77	13,836	83	12,529	104	104
Presses, manual.....	5,482	1	11,653	1	10,410	1
Forging machines (except presses).....	644	17	579	18	682	21
Punching and shearing machines, power.....	2,752	30				
Punching and shearing machines, manual.....	6,797	2	6,441	30	5,907	33
Bending and forming machines, power.....	5,552	27	13,198	36	13,227	34
Bending and forming machines, manual.....	13,186	5				
Riveting machines.....	3,972	5	2,500	4	2,260	4
Metal container making machines.....	816	10	1,476	18	1,255	17
Die casting machines.....	170	6	199	7	181	6
Wire weaving and wire fabricating machines.....	587	5	546	4	659	4
Drawing machines and draw benches.....	503	13	445	6	300	11
All other metal forming machine tools.....	1,510	4	2,443	4	2,122	3

Source: Department of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M35W.

**NO. 1156. FARM MACHINES AND EQUIPMENT—SHIPMENTS, BY CLASS: 1947 TO 1960**

[In thousands of dollars. Excludes Alaska and Hawaii. Excludes tractors]

CLASS	1947	1950	1955	1958	1959	1960
<b>Total</b> .....	758,326	1,001,758	912,157	1,075,364	1,131,876	986,887
Farm machines and equipment (complete units).....	583,776	817,241	727,342	850,670	904,486	783,677
Attachments and parts.....	174,550	184,517	184,815	224,694	227,390	202,710
<b>COMPLETE UNITS, ATTACHMENTS, AND PARTS</b>						
Plows and listers.....	83,529	100,326	66,417	73,908	77,455	61,085
Harrows, rollers, pulverizers, and stalk cutters.....	57,423	77,718	74,706	92,054	105,643	87,886
Planting, seeding, and fertilizing machinery.....	73,977	113,053	89,098	101,197	110,662	98,210
Cultivators and weedeers.....	50,363	57,253	52,640	48,552	51,162	51,358
Sprayers and dusters.....	39,556	36,779	38,254	41,038	45,236	44,505
Harvesting machinery.....	191,570	288,153	243,561	311,916	343,808	305,464
Haying machinery.....	94,865	154,979	108,447	175,860	169,654	149,149
Machines for preparing crops for market or for use.....	42,013	30,552	33,070	44,166	41,411	38,376
Farm poultry equipment.....	20,602	30,127	28,429	41,362	39,422	29,081
Farm dairy machines and equipment.....	31,415	22,969	19,260	20,211	22,631	20,211
Barn equipment.....	11,802	11,300	12,405	20,393	22,788	19,437
Barneyard equipment.....	8,808	17,777	18,381	28,286	33,891	25,143
Farm elevators and blowers.....	16,389	34,071	38,251	38,980	37,360	28,781
Farm wagons, trucks, and other farm trans- portation equipment.....	36,014	26,103	20,238	37,501	43,344	36,702

Source: Department of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M35A.

## No. 1157. FARM MACHINES AND EQUIPMENT—SHIPMENTS: 1943 TO 1960

[In thousands of dollars. Excludes Alaska and Hawaii. Excludes tractors. Data prior to 1947 represent sales]

YEAR	Total	Com- plete units	Attach- ments and parts	YEAR	Total	Com- plete units	Attach- ments and parts
1943	228,950	138,032	90,918	1952	1,104,054	887,671	216,383
1944	370,209	261,896	108,373	1953	1,003,264	800,329	202,935
1945	437,178	312,926	124,252	1954	1,883,207	669,726	192,930
1946	533,955	400,864	133,121	1955	912,167	727,342	184,815
1947	753,326	583,770	174,550	1956	854,618	669,361	185,257
1948	991,195	786,041	204,654	1957	897,649	712,670	184,079
1949	997,790	795,554	202,236	1958	1,075,364	850,670	224,694
1950	1,001,758	817,241	184,517	1959	1,131,876	904,486	227,390
1951	1,218,966	987,060	231,906	1960	986,387	783,677	202,710

<sup>1</sup> Includes \$20,611,000 not segregated between complete units and attachments and parts.Source: Department of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M35A.

## No. 1158. TRACTORS AND TRACTOR ATTACHMENTS AND PARTS—DOMESTIC SHIPMENTS AND EXPORTS, BY TYPE: 1950 TO 1960

[Value in thousands of dollars. Excludes Alaska and Hawaii. Excludes contractors' off-highway wheel tractors  
See table 1159]

YEAR AND TYPE	Total value	COMPLETE UNITS				ATTACHMENTS AND PARTS (value)	
		Domestic		Export		Domestic	Export
		Number	Value	Number	Value		
Total:							
1950	(1)	603,260	632,837	93,010	162,425	(1)	(1)
1955	1,234,697	504,930	698,937	63,032	203,237	(1)	(1)
1959	1,372,622	566,698	743,159	46,814	163,469	(1)	(1)
1960	1,242,740	540,529	567,728	49,172	227,332	(1)	(1)
Wheel:							
1950	(1)	424,398	461,103	73,454	88,423	(1)	(1)
1955	641,195	286,170	449,869	40,277	68,862	167,980	14,484
1959	737,712	226,788	485,004	25,629	61,445	176,373	14,890
1960	512,505	137,184	307,785	18,857	49,773	143,816	11,132
Tracklaying: <sup>2</sup>							
1950	360,437	29,167	150,205	15,433	73,282	97,115	36,835
1955	556,764	31,036	225,831	17,855	133,612	(1)	(1)
1959	582,705	24,684	222,449	9,628	100,503	(1)	(1)
1960	495,156	14,462	144,817	9,998	125,014	(1)	(1)
Tracklaying tractor—shovel loaders:							
1950	176,664	8,300	72,281	4,398	50,798	41,309	12,276
Garden:							
1950	32,460	149,704	21,529	4,123	720	9,857	354
1955	36,738	187,724	23,237	4,900	763	12,080	658
1959	62,205	315,326	35,706	11,757	1,521	14,108	870
1960	58,415	389,583	42,845	15,919	1,747	13,020	803

<sup>1</sup> Not available.<sup>2</sup> Prior to 1959, includes tractors produced as integral units of tractor-shovel loaders; figures for 1959 exclude a total of 9,914 such tractors. For 1960, tractor-shovel loaders are shown separately.Source: Department of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M35A and M35S.

## No. 1159. CONTRACTORS' OFF-HIGHWAY WHEEL TRACTORS AND ATTACHMENTS AND PARTS—SHIPMENTS: 1950 TO 1960

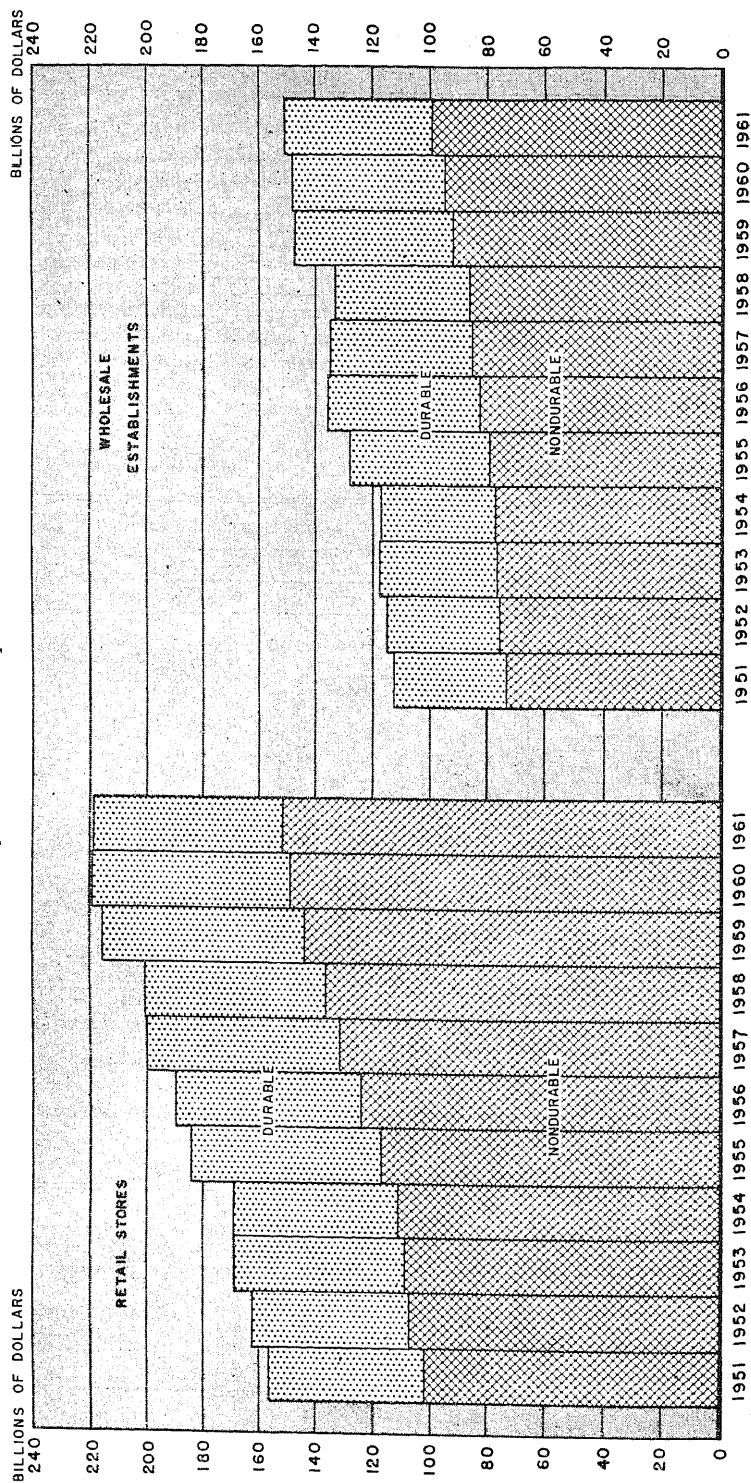
[Value in thousands of dollars. Excludes Alaska and Hawaii]

YEAR	Total value	COMPLETE UNITS		Attach- ments and parts (value)
		Number	Value	
1950	(1)	2,065	24,769	(1)
1955	96,146	4,144	64,173	31,973
1956	136,216	5,339	94,587	41,629
1957	147,162	5,417	104,112	43,050
1958	120,840	4,088	85,480	35,360
1959	121,225	4,065	81,944	29,281
1960	90,076	3,078	61,965	23,111

<sup>1</sup> Not available.Source: Department of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M35D.

FIG. XLIII. RETAIL AND WHOLESALE TRADE—SALES OF DURABLE AND NONDURABLE GOODS ESTABLISHMENTS: 1951 TO 1961

[See tables 1162 and 1174]



Source: Chart prepared by Department of Commerce, Bureau of the Census. Data are from Department of Commerce, Office of Business Economics and Bureau of the Census.

## Section 30

### Distribution and Services

This section presents statistics relating to retail, wholesale, and service trades. The data are shown for the distribution trades, classified by kind of business, and for the different categories of services (personal, business, repair, amusement, hotel, etc.). They cover sales or receipts, establishments, employees, payrolls, proprietors, and other items. Several tables on advertising expenditures are also included.

The principal sources of these data are the reports of the Census of Business and of annual and monthly surveys conducted by the Bureau of the Census. Other important government sources devoted to particular aspects of the distribution and service trades are the monthly *Federal Reserve Bulletin* (department store data) issued by the Board of Governors of the Federal Reserve System, and the monthly *Survey of Current Business* (retail sales, sales and inventories of wholesalers, consumer expenditures for services, etc.) issued by the Office of Business Economics. Financial data for tax-filing and securities-listed corporations engaged in retail, wholesale, or service trades appear in the annual *Statistics of Income* published by the Internal Revenue Service and are also available from the Securities and Exchange Commission. The Federal Trade Commission, in the course of its investigations, collects operating statistics on firms and chains in various kinds of business.

**Censuses and current surveys.**—Censuses of Business have been taken at intervals since 1929. The 1954 census was the first taken under present legislation, which provides for a quinquennial Census of Business. The latest census covers the year 1958.

Current sample surveys of the Bureau of the Census are conducted with varying scope for the retail and wholesale trades. The Bureau compiles monthly reports of sales and end-of-month accounts receivable of all retail stores and of Group II retail stores (i.e., stores of organizations operating 11 or more retail stores), United States, by kind of business; monthly sales of Group I retail stores (i.e., stores of organizations operating 1 to 10 stores), Census regions, by kind of business; and percentage changes from previous month in sales, all kinds of business combined, Group I stores, selected metropolitan areas. These data appear in the *Monthly Retail Trade Report*. Annual figures on sales, inventories, and receivables, classified by kind of business, are presented in the *Annual Retail Trade Report*.

Statistics from the Bureau's wholesale trade survey, which is conducted monthly, include merchant wholesaler's sales and inventories, and stock sales ratios, by kind of business, for the United States, as well as sales and inventory trends by kind of business and by geographic divisions. These data, based on reports submitted by a sample of firms representing merchant wholesalers in all kinds of businesses, appear in the *Monthly Wholesale Trade Report*. They are used in the monthly estimates of aggregate sales and inventories of all wholesalers, as prepared by the Office of Business Economics and published in the *Survey of Current Business*.

The Bureau of the Census also compiles and issues current information on distributor stocks of various canned foods (see table 1105) and on inventories of green coffee held and green coffee roasted by roasters, importers, and dealers.

Estimates obtained from the annual and monthly surveys are based on sample data; exact agreement is not expected with the results that would be obtained from a complete census of all establishments. Measures of the sampling variability are shown in the source reports cited; these measures do not include biases which might arise from differences of response or nonreporting.

**Establishments and coverage.**—The business establishments covered in the fields included in the Census of Business may be generally described as follows:

Retail trade.—Places of business primarily engaged in selling merchandise for personal, household, or farm consumption;

Wholesale trade.—Establishments primarily engaged in selling goods to dealers and distributors for resale or to purchasers who buy for business uses; and

Service.—Establishments engaged primarily in the sale of services as contrasted with the sale of merchandise.

Certain types of businesses, broadly defined, generally are not included in the Census of Business. Outstanding in this group are the business activities of doctors, lawyers, dentists, and others performing a professional or scientific service; educational institutions; religious or charitable institutions; hospitals and infirmaries; public utilities; and government-operated enterprises.

Data on retail and service trades from the 1954 and 1958 censuses exclude establishments with no paid employment which had receipts of less than \$2,500 and \$1,000 for retail trade and service trades, respectively. Wholesale trade establishments with no paid employment were excluded.

**Advertising.**—Statistics shown here on advertising expenditures are compiled by private organizations. McCann-Erickson, Inc., which compiles certain of the data shown on advertising expenditures, 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 advertising done for companies which market their products locally and may pay special "local" media rates. Monthly figures are published regularly in *Printers' Ink* and also in the *Survey of Current Business*.

**Alaska and Hawaii.**—For a general statement concerning the treatment of data for Alaska and Hawaii, see preface.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics, Colonial Times to 1957*, series T 1-11") provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.



# No. 1160. NATIONAL INCOME ORIGINATING IN DISTRIBUTION AND SELECTED SERVICE INDUSTRIES: 1940 TO 1961

[In millions of dollars. Beginning 1960, adjusted to include Alaska and Hawaii. Data represent net value added at factor costs. "N.e.c." means not elsewhere classified. See also *Historical Statistics, Colonial Times to 1957*, series T 1-11]

INDUSTRY	1940	1950	1955	1957	1958	1959	1960	1961 (prel.)
<b>Wholesale and retail trade.....</b>	<b>14,337</b>	<b>42,707</b>	<b>55,000</b>	<b>60,350</b>	<b>61,136</b>	<b>66,438</b>	<b>68,768</b>	<b>71,100</b>
Wholesale trade.....	4,463	13,682	18,729	21,355	21,442	23,444	23,865	(1)
Retail trade and automobile services.....	9,874	29,025	36,271	38,995	39,694	42,994	44,903	(1)
<b>Services.....</b>	<b>8,854</b>	<b>23,089</b>	<b>33,740</b>	<b>39,978</b>	<b>41,908</b>	<b>45,920</b>	<b>50,000</b>	<b>52,900</b>
Hotels and other lodging places.....	530	1,385	1,657	1,810	1,771	1,928	2,052	(1)
Personal services.....	1,150	3,006	3,652	4,150	4,189	4,417	4,626	(1)
Private households.....	2,056	4,557	6,900	8,383	8,719	9,259	10,300	(1)
Commercial and trade schools and employment agencies.....	34	169	184	235	229	242	257	(1)
Business services, n.e.c.....	666	2,097	3,611	4,627	4,905	5,509	6,088	(1)
Misc. repair services and hand trades.....	261	930	1,310	1,532	1,478	1,688	1,816	(1)
Motion pictures.....	449	830	926	841	775	880	831	(1)
Amusement and recreation, except motion pictures.....	310	825	1,187	1,326	1,436	1,543	1,681	(1)
Medical and other health services.....	1,463	4,544	6,997	8,187	9,026	10,107	11,002	(1)
Legal services.....	719	1,330	1,900	2,115	2,224	2,502	2,827	(1)
Engineering and other professional services, n.e.c.....	193	731	1,474	2,036	2,005	2,178	2,337	(1)
Educational services, n.e.c.....	424	1,088	1,571	1,948	2,140	2,387	2,685	(1)
Nonprofit membership organizations, n.e.c.....	599	1,588	2,311	2,770	3,011	3,240	3,498	(1)

<sup>1</sup> Not available.

Source: Department of Commerce, Office of Business Economics; *U.S. Income and Output*, a supplement to the *Survey of Current Business*, and *Survey of Current Business*, July 1961, and February 1962.

# No. 1161. PERSONS ENGAGED IN DISTRIBUTION AND SELECTED SERVICE INDUSTRIES: 1940 TO 1960

[In thousands. Beginning 1960, adjusted to include Alaska and Hawaii. Data represent man-years of full-time equivalent employment by persons working for wages or salaries and by active proprietors of unincorporated businesses devoting the major portion of their time to the business. "N.e.c." means not elsewhere classified. See also *Historical Statistics, Colonial Times to 1957*, series T 12-22]

INDUSTRY	1940	1950	1955	1957	1958	1959	1960
<b>Wholesale and retail trade.....</b>	<b>8,783</b>	<b>11,439</b>	<b>12,473</b>	<b>12,980</b>	<b>12,847</b>	<b>13,266</b>	<b>13,587</b>
Wholesale trade.....	2,015	2,711	3,036	3,205	3,129	3,202	3,272
Retail trade and automobile services.....	6,768	8,728	9,437	9,775	9,718	10,064	10,315
<b>Services.....</b>	<b>6,707</b>	<b>7,716</b>	<b>8,407</b>	<b>9,052</b>	<b>9,221</b>	<b>9,514</b>	<b>9,812</b>
Hotels and other lodging places.....	538	609	655	681	674	689	700
Personal services.....	1,050	1,225	1,248	1,273	1,257	1,273	1,231
Private households.....	2,200	1,710	1,557	1,589	1,614	1,592	1,600
Commercial and trade schools and employment agencies.....	19	45	43	53	50	51	53
Business services, n.e.c.....	296	497	645	770	807	898	962
Misc. repair services and hand trades.....	293	461	522	573	572	584	596
Motion pictures.....	181	234	211	196	182	179	175
Amusement and recreation, except motion pictures.....	240	294	296	304	310	322	339
Medical and other health services.....	841	1,237	1,551	1,706	1,787	1,875	1,937
Legal services.....	244	234	253	258	255	274	285
Engineering and other professional services, n.e.c.....	91	157	262	329	321	335	353
Educational services, n.e.c.....	324	442	507	584	617	649	691
Nonprofit membership organizations, n.e.c.....	390	581	657	736	708	793	881

Source: Department of Commerce, Office of Business Economics; *National Income Supplement, 1954*, *U.S. Income and Output*, a supplement to the *Survey of Current Business*, and *Survey of Current Business*, July 1961.

# No. 1162. RETAIL TRADE—SALES OF RETAIL STORES AND MULTIUNIT ORGANIZATIONS: 1951 TO 1962

[In millions of dollars. Beginning January 1960, includes Alaska and Hawaii. Quarterly data are not adjusted for seasonal variation or trading day differences]

YEAR	ALL RETAIL STORES			MULTIUNIT ORGANIZATIONS <sup>1</sup>		
	Total	Durable	Nondurable	Total	Durable	Nondurable
1951.....	156,548	54,470	102,069	28,536	2,521	20,015
1955.....	188,851	66,978	116,873	33,918	2,790	31,128
1956.....	189,729	65,810	123,919	39,754	3,097	36,657
1957.....	200,002	68,362	131,650	41,899	3,031	38,868
1958.....	200,353	63,409	136,944	43,853	3,146	40,707
1959.....	215,413	71,662	143,751	46,673	3,365	43,308
1960.....	219,529	70,733	148,796	50,681	3,985	46,696
1961.....	218,811	67,296	151,515	52,531	4,013	48,518
First quarter.....	48,793	14,565	34,228	11,325	784	10,541
Second quarter.....	54,807	17,604	37,203	12,760	1,004	11,756
Third quarter.....	54,376	16,709	37,667	12,952	1,057	11,895
Fourth quarter.....	60,835	18,418	42,417	15,494	1,188	14,326
1962, first quarter.....	51,894	16,293	35,601	12,047	849	11,198

<sup>1</sup> Data for 1951-1955, 1956-1959, and 1960-1962 based on sales of organizations operating 11 or more retail stores in 1948, in 1954, and in 1958, respectively.

Source: Department of Commerce, Bureau of the Census, and Office of Business Economics; records. Monthly data, except for multiunit durable and nondurable, published in *Survey of Current Business*.

## No. 1163. RETAIL STORES—SALES, BY KIND OF BUSINESS: 1958 TO 1962

[In millions of dollars. Beginning January 1960, includes Alaska and Hawaii. See headnote, table 1162. See also *Historical Statistics, Colonial Times to 1967*, series T 24-48]

KIND OF BUSINESS	1958	1959	1960	1961				1962, first quarter	
				Total	First quarter	Second quarter	Third quarter		Fourth quarter
All retail stores <sup>1</sup> .....	200,353	215,413	219,529	218,811	48,793	54,807	54,376	60,835	51,894
Durable goods stores <sup>2</sup> .....	63,409	71,662	70,733	67,296	14,565	17,604	16,709	18,418	16,293
Automotive group.....	33,850	39,439	39,509	36,906	8,438	9,925	8,720	9,823	9,880
Motor-vehicle, other auto- motive dealers.....	31,577	36,883	36,981	34,435	7,971	9,280	8,051	9,124	9,342
Tire, battery, accessory dealers.....	2,282	2,556	2,528	2,471	467	636	669	699	538
Furniture and appliance group.....	10,324	11,042	10,598	10,382	2,181	2,507	2,038	3,056	2,320
Furniture, homefurnish- ings stores.....	6,636	6,989	6,770	6,566	1,364	1,609	1,670	1,923	1,485
Household-appliance, TV, radio stores.....	3,688	4,053	3,828	3,816	817	898	968	1,133	835
Lumber, building, hardware group.....	10,808	11,857	11,311	10,951	2,111	2,907	3,050	2,883	2,155
Lumber yards, building- materials dealers.....	8,155	9,106	8,618	8,399	1,593	2,220	2,396	2,190	1,646
Hardware stores.....	2,653	2,751	2,693	2,552	518	687	654	693	509
Nondurable goods stores <sup>1,2</sup> .....	136,944	143,751	148,796	151,515	34,228	37,203	37,667	42,417	35,601
Apparel group.....	12,550	13,266	13,708	13,730	2,852	3,233	3,145	4,500	2,806
Men's and boys' wear.....	2,349	2,534	2,619	2,659	533	628	573	925	531
Women's apparel, access- ory stores.....	4,004	5,284	5,320	5,260	1,110	1,240	1,195	1,715	1,091
Family and other apparel.....	2,994	3,114	3,310	3,384	683	754	760	1,178	977
Shoe stores.....	2,222	2,384	2,450	2,418	517	611	608	682	507
Drug and proprietary stores.....	6,000	7,150	7,630	7,739	1,821	1,860	1,888	2,170	1,930
Eating and drinking places.....	14,792	15,001	16,096	16,403	3,646	4,131	4,437	4,189	3,793
Food group <sup>1,2</sup> .....	50,263	51,680	53,837	55,421	13,162	13,831	14,142	14,286	13,755
Grocery stores.....	44,547	46,043	48,339	49,010	11,840	12,445	12,739	12,886	12,467
Gasoline service stations.....	15,757	16,793	17,594	17,971	4,092	4,530	4,739	4,610	4,267
General merchandise group <sup>2</sup> .....	21,667	23,391	24,007	24,907	4,794	5,762	5,874	8,477	6,111
Department stores, exclud- ing mail-order sales.....	12,563	13,609	13,942	14,554	2,730	3,375	3,420	5,029	2,941
Mail-order (dept. store mdse.).....	1,536	1,703	1,857	1,928	400	432	433	663	387
Variety stores.....	3,069	3,859	3,899	4,078	773	913	961	1,431	838
Liquor stores.....	4,439	4,729	4,880	4,904	1,074	1,161	1,205	1,474	1,133

<sup>1</sup> Excludes data for milk dealers' establishments with processing on the premises, now classified as manufacturing plants according to the 1954 Census of Business.

<sup>2</sup> Includes data not shown separately

Source: Department of Commerce, Bureau of the Census, and Office of Business Economics; records. Monthly data published in *Survey of Current Business*

**No. 1164. RETAIL STORES—SALES, BY KIND OF BUSINESS, BY REGIONS: 1961**

[In millions of dollars. Includes Alaska and Hawaii. Based on sample survey. For composition of regions, see fig. I, p. XII]

KIND OF BUSINESS	United States	North-east	North Central	South	West
<b>All retail stores</b> .....	<b>218,811</b>	<b>57,639</b>	<b>63,805</b>	<b>57,709</b>	<b>39,658</b>
Durable goods stores.....	67,296	16,225	19,783	18,324	12,964
Nondurable goods stores.....	151,515	41,414	44,022	39,385	26,694
<b>Food group</b> .....	<b>55,421</b>	<b>15,727</b>	<b>15,405</b>	<b>14,400</b>	<b>9,883</b>
Grocery stores.....	49,910	13,013	14,005	13,726	9,166
Eating and drinking places.....	16,403	5,129	4,895	3,404	2,975
Eating places.....	11,811	3,601	3,027	2,595	2,088
General merchandise group.....	24,907	6,038	7,639	6,038	4,592
Dept. stores and dry goods, general merchandise stores.....	17,708	4,497	5,278	4,437	3,496
Variety stores.....	4,078	1,127	1,108	1,185	598
<b>Apparel group</b> .....	<b>13,730</b>	<b>4,679</b>	<b>3,478</b>	<b>3,630</b>	<b>1,943</b>
Women's ready-to-wear stores.....	4,566	1,415	1,206	1,247	698
Shoe stores.....	2,418	812	636	552	398
<b>Furniture and appliance group</b> .....	<b>10,832</b>	<b>3,265</b>	<b>2,610</b>	<b>2,652</b>	<b>1,855</b>
Furniture, home furnishings stores.....	6,566	1,799	1,674	1,832	1,261
Household appliance, TV, radio stores.....	3,816	( <sup>1</sup> )	936	820	594
Lumber, building, hardware, farm equipment group.....	14,123	2,833	5,200	3,724	2,306
Lumber yards, building materials dealers <sup>2</sup> .....	8,899	2,085	2,813	2,245	1,286
Hardware stores.....	2,652	569	956	676	( <sup>1</sup> )
<b>Automotive group</b> .....	<b>36,906</b>	<b>8,384</b>	<b>10,619</b>	<b>10,457</b>	<b>7,446</b>
Passenger-car dealers (franchised).....	30,036	7,195	8,961	8,081	5,790
Gasoline service stations.....	17,971	3,360	5,903	5,287	3,421
<b>Other retail stores</b> .....	<b>28,969</b>	<b>8,224</b>	<b>7,997</b>	<b>7,511</b>	<b>5,237</b>
Drug and proprietary stores.....	7,739	1,750	2,362	2,055	1,572
Liquor stores.....	4,904	1,616	1,137	1,298	853

<sup>1</sup> Not shown because of high sampling variability.

<sup>2</sup> Includes paint, plumbing, and electrical stores.

Source: Department of Commerce, Bureau of the Census; *Annual Retail Trade Report*, 1961.

**No. 1165. RETAIL TRADE—SALES OF ORGANIZATIONS OPERATING 11 OR MORE RETAIL STORES, BY KIND OF BUSINESS: 1958 TO 1962**

[In millions of dollars. Beginning 1960, includes Alaska and Hawaii. Data for 1958-1959 and 1960-1962 based on sales of organizations operating 11 or more retail stores in 1954 and in 1958, respectively. Quarterly data are not adjusted for seasonal variation or trading day differences. See also *Historical Statistics, Colonial Times to 1957*, series T 49-71]

KIND OF BUSINESS	1958	1959	1960	1961					1962, first quarter
				Total	First quarter	Second quarter	Third quarter	Fourth quarter	
<b>Total sales</b> .....	<b>43,853</b>	<b>46,673</b>	<b>50,681</b>	<b>52,531</b>	<b>11,325</b>	<b>12,762</b>	<b>12,950</b>	<b>15,494</b>	<b>12,046</b>
<b>Durable goods stores</b> <sup>1</sup> .....	<b>3,146</b>	<b>3,365</b>	<b>3,265</b>	<b>3,268</b>	<b>638</b>	<b>830</b>	<b>854</b>	<b>946</b>	<b>678</b>
Tire, battery, accessory dealers.....	887	973	990	1,002	185	262	266	288	216
Furniture and appliance group.....	957	906	908	1,051	219	254	264	314	228
Furniture, home furnishings stores.....	482	462	446	453	92	115	111	135	104
Household-appliance, radio stores.....	475	504	552	598	126	139	153	180	124
Lumber, building, hardware group.....	1,098	1,102	1,024	960	188	253	267	252	177
Lumber yards, building-materials dealers.....	765	825	828	762	152	202	218	190	139
<b>Nondurable goods stores</b> <sup>1</sup> .....	<b>40,707</b>	<b>43,308</b>	<b>47,416</b>	<b>49,262</b>	<b>10,687</b>	<b>11,931</b>	<b>12,096</b>	<b>14,548</b>	<b>11,368</b>
Apparel group.....	2,805	3,044	3,515	3,567	713	850	817	1,187	695
Men's and boys' wear stores.....	223	231	348	357	70	84	70	133	67
Women's apparel, accessory stores.....	1,198	1,302	1,413	1,443	279	342	331	491	271
Family and other apparel stores.....	592	578	728	737	143	163	168	263	141
Shoe stores.....	852	935	1,025	1,030	221	261	249	299	216
Drug and proprietary stores.....	1,118	1,223	1,452	1,526	341	350	362	464	373
Eating and drinking places.....	871	950	1,115	1,141	255	288	302	295	279
Food group <sup>1</sup> .....	19,461	20,365	22,076	22,774	5,454	5,664	5,735	5,921	5,777
Grocery stores.....	18,589	19,502	21,424	22,120	5,295	5,501	5,575	5,749	5,627
Gasoline service stations.....	848	887	1,091	1,263	282	315	339	327	307
General merchandise group <sup>1</sup> .....	13,414	14,521	15,478	16,249	3,047	3,788	3,867	5,447	3,270
Department stores, excluding mail-order sales.....	7,930	8,607	9,374	9,875	1,829	2,333	2,340	3,364	1,903
Variety stores.....	2,779	2,977	3,019	3,147	584	717	750	1,096	620

<sup>1</sup> Includes data not shown separately.

Source: Department of Commerce, Bureau of the Census, and Office of Business Economics; records. Monthly data for total sales and for selected kinds of business published in *Survey of Current Business*.

## No. 1166. RETAIL TRADE—ESTABLISHMENTS AND SALES, 1954

STATE	1954				1953	
	Establishments		Sales		Establishments	
	Total	With payroll	Total establishments	Establishments with payroll	Total	With payroll
United States.....	1,727,967	1,128,113	\$1,000 170,568,377	\$1,000 158,491,725	1,794,744	1,185,036
New England.....	112,807	75,211	10,911,468	10,179,424	112,701	75,001
Maine.....	11,624	7,742	923,796	847,312	11,236	7,736
New Hampshire.....	7,430	5,071	603,091	562,277	7,387	5,025
Vermont.....	4,623	3,183	370,503	352,927	4,778	3,252
Massachusetts.....	53,022	35,600	5,539,100	5,302,282	52,484	35,408
Rhode Island.....	10,996	5,984	847,552	770,134	9,777	5,837
Connecticut.....	25,703	17,541	2,617,526	2,444,492	27,039	17,743
Middle Atlantic.....	368,978	232,060	35,053,819	32,263,841	372,404	235,578
New York.....	183,440	110,392	18,116,095	16,753,361	183,173	119,273
New Jersey.....	64,919	40,609	6,144,769	5,610,437	68,377	42,201
Pennsylvania.....	120,619	72,059	10,732,955	9,394,043	120,854	74,044
E.N. Central.....	343,411	238,841	37,256,221	35,097,399	355,538	244,372
Ohio.....	86,907	61,047	9,633,332	9,096,152	90,354	62,694
Indiana.....	41,624	31,544	4,512,673	4,322,295	45,904	32,408
Illinois.....	99,061	65,237	11,018,913	10,308,557	98,073	66,031
Michigan.....	67,905	50,331	8,167,632	7,770,034	72,379	52,291
Wisconsin.....	47,884	30,682	3,923,671	3,594,361	47,028	30,948
W.N. Central.....	176,207	119,901	16,181,312	15,066,290	173,959	120,641
Minnesota.....	35,380	24,476	3,449,684	3,223,542	34,066	24,572
Iowa.....	35,124	23,052	3,077,580	2,854,100	33,498	23,094
Missouri.....	47,262	30,252	4,525,308	4,197,762	47,825	30,810
North Dakota.....	7,743	5,291	661,577	608,385	7,404	5,258
South Dakota.....	8,338	6,006	673,789	637,090	8,758	6,116
Nebraska.....	17,033	12,137	1,587,789	1,485,819	16,819	12,093
Kansas.....	25,327	17,697	2,200,585	2,058,983	24,980	17,789
South Atlantic.....	217,866	134,665	20,608,887	19,033,539	237,353	152,021
Delaware.....	4,307	2,739	492,899	461,595	4,624	3,180
Maryland.....	24,857	15,629	2,675,464	2,488,000	26,150	17,422
Dist. of Col.....	6,734	5,188	1,212,450	1,176,800	6,325	5,103
Virginia.....	30,950	20,453	3,120,549	2,923,067	32,991	22,257
West Virginia.....	18,681	11,403	1,401,206	1,285,854	19,180	11,432
North Carolina.....	38,010	21,997	3,209,796	2,898,724	41,296	25,206
South Carolina.....	20,581	11,917	1,518,889	1,345,475	21,788	12,900
Georgia.....	32,305	19,671	2,963,217	2,721,433	35,452	21,634
Florida.....	41,303	25,569	4,014,417	3,731,691	49,547	32,857
E.S. Central.....	100,623	59,833	8,354,102	7,544,194	108,000	65,106
Kentucky.....	26,472	16,040	2,201,101	1,996,277	29,707	17,291
Tennessee.....	31,067	18,681	2,759,416	2,511,800	32,925	20,361
Alabama.....	26,158	14,990	2,111,783	1,891,599	26,898	16,517
Mississippi.....	16,926	10,122	1,281,802	1,144,518	18,475	10,937
W.S. Central.....	162,233	102,283	14,806,333	13,656,351	174,484	112,458
Arkansas.....	18,783	10,965	1,333,632	1,182,600	20,159	11,831
Louisiana.....	26,845	16,750	2,339,280	2,126,049	29,260	17,714
Oklahoma.....	25,292	15,568	2,101,041	1,909,685	25,972	16,534
Texas.....	91,313	59,091	9,032,371	8,437,927	99,003	66,279
Mountain.....	62,357	43,071	6,356,734	5,971,788	66,927	47,663
Montana.....	8,223	5,865	778,033	730,321	8,261	6,043
Idaho.....	7,096	5,056	700,057	624,607	7,546	5,286
Wyoming.....	3,974	2,826	384,601	362,765	3,930	3,044
Colorado.....	15,468	10,690	1,726,759	1,636,681	16,543	11,937
New Mexico.....	8,481	5,319	733,093	673,729	8,735	6,917
Arizona.....	9,728	6,396	1,001,004	935,960	11,403	7,907
Utah.....	6,670	4,772	733,120	693,998	7,391	5,325
Nevada.....	2,717	1,947	330,067	313,695	3,058	2,204
Pacific.....	183,485	122,247	21,039,501	19,678,901	193,378	132,196
Washington.....	26,806	17,868	2,873,694	2,686,566	27,612	18,942
Oregon.....	19,073	12,333	1,921,204	1,778,560	18,056	12,670
California.....	131,280	87,973	15,643,974	14,654,726	141,201	96,189
Alaska.....	1,510	1,054	174,514	164,472	1,659	1,265
Hawaii.....	4,807	3,019	426,115	394,577	4,700	3,130

AND 1958, AND PAYROLL AND PERSONNEL, 1958, BY STATES

1958—Continued									
Sales		Payroll, entire year	Payroll, work- week ended nearest Nov. 15		Paid employees, workweek ended nearest Nov. 15		Active proprietors of unincor- porated bus- nesses	STATE	
Total establish- ments	Estab- lishments with payroll		Total	Full work- week	Total	Full work- week			
\$1,000	\$1,000	\$1,000	\$1,000	\$1,000					
200,364,678	187,768,465	21,673,269	414,233	383,224	7,492,144	6,504,398	1,825,224	United States.	
12,451,641	11,631,943	1,381,760	26,151	23,714	512,768	399,102	97,316	New England.	
1,031,037	958,903	97,053	1,838	1,702	39,366	31,981	10,475	Maine.	
703,516	653,898	68,900	1,302	1,192	27,188	21,477	6,820	New Hampshire.	
443,338	408,430	40,377	767	709	16,241	13,265	4,535	Vermont.	
6,241,867	5,876,777	733,406	13,865	12,552	273,577	211,357	41,003	Massachusetts.	
928,871	851,943	99,110	1,925	1,794	38,042	31,069	8,990	Rhode Island.	
3,103,012	2,881,992	342,014	6,454	5,766	117,454	89,953	25,403	Connecticut.	
40,390,131	37,402,171	4,564,484	87,012	80,262	1,590,325	1,291,773	369,325	Middle Atlantic.	
20,793,319	19,336,031	2,447,088	46,458	43,040	823,701	677,749	176,390	New York.	
7,275,092	6,672,340	778,221	14,749	13,582	264,809	213,078	65,856	New Jersey.	
12,321,720	11,393,800	1,338,175	25,804	23,641	501,815	400,946	127,079	Pennsylvania.	
42,176,935	39,848,131	4,638,848	88,083	80,327	1,664,635	1,315,572	367,984	E.N. Central.	
10,857,305	10,278,755	1,217,282	23,166	21,151	438,907	349,151	88,843	Ohio.	
5,176,591	4,905,869	565,092	10,749	9,968	210,807	171,999	47,318	Indiana.	
12,790,317	12,073,971	1,451,998	27,367	24,829	497,548	389,838	104,198	Illinois.	
8,897,661	8,470,881	945,716	18,013	16,523	336,774	270,055	78,951	Michigan.	
4,465,061	4,118,655	458,160	8,788	7,858	180,599	134,529	48,669	Wisconsin.	
18,207,575	17,141,001	1,828,033	35,170	32,432	713,390	577,774	180,674	W.N. Central.	
3,976,493	3,767,077	428,094	8,200	7,465	150,040	125,125	35,261	Minnesota.	
3,366,964	3,185,062	310,540	5,919	5,471	124,587	100,402	34,973	Iowa.	
5,150,480	4,809,958	553,405	10,679	9,830	214,305	175,341	50,113	Missouri.	
702,837	719,217	71,664	1,384	1,307	26,859	22,927	7,425	North Dakota.	
771,832	717,996	68,234	1,320	1,231	28,336	23,161	8,842	South Dakota.	
1,730,454	1,632,868	162,718	3,163	2,948	66,064	54,128	17,863	Nebraska.	
2,448,515	2,308,823	233,288	4,500	4,170	94,149	76,690	26,197	Kansas.	
25,493,378	23,851,474	2,693,099	51,585	48,478	1,081,777	912,447	233,227	South Atlantic.	
582,629	552,621	62,836	1,204	1,115	22,589	18,308	4,132	Delaware.	
3,326,057	3,144,379	374,495	7,128	6,585	146,098	120,147	25,478	Maryland.	
1,304,135	1,273,609	186,955	3,536	3,388	62,780	55,182	5,334	Dist. of Col.	
3,721,290	3,511,268	398,818	7,768	7,274	162,561	136,051	32,246	Virginia.	
1,607,094	1,474,248	165,696	3,205	3,015	66,945	57,579	18,857	West Virginia.	
3,837,052	3,529,734	374,510	7,220	6,792	159,745	132,143	41,357	North Carolina.	
1,747,285	1,587,301	162,515	3,141	2,944	74,527	60,586	21,324	South Carolina.	
3,528,236	3,259,178	352,788	6,764	6,412	149,600	127,971	35,602	Georgia.	
5,939,600	5,514,236	615,186	11,620	11,003	236,932	204,480	48,897	Florida.	
9,828,649	8,962,809	936,195	18,031	16,991	400,097	340,734	116,128	E.S. Central.	
2,580,517	2,324,143	249,406	4,746	4,411	100,928	84,588	32,693	Kentucky.	
3,199,129	2,951,757	311,579	6,046	5,693	134,106	114,438	35,861	Tennessee.	
2,667,237	2,360,999	242,036	4,045	4,410	104,093	80,554	28,198	Alabama.	
1,481,766	1,335,910	133,174	2,594	2,477	60,970	52,154	19,376	Mississippi.	
17,670,459	16,470,712	1,755,553	33,949	32,071	715,641	615,526	180,863	W.S. Central.	
1,536,734	1,377,360	134,419	2,604	2,478	60,261	51,693	21,692	Arkansas.	
2,939,677	2,713,857	302,094	5,788	5,444	123,010	107,908	29,196	Louisiana.	
2,401,489	2,215,755	229,905	4,477	4,247	97,341	83,897	27,836	Oklahoma.	
10,792,559	10,163,740	1,089,135	21,081	19,902	435,029	372,028	102,139	Texas.	
7,924,104	7,533,376	839,101	16,287	15,234	309,159	257,621	70,579	Mountain.	
862,577	816,151	89,062	1,725	1,621	33,138	28,168	8,525	Montana.	
817,611	769,605	80,286	1,574	1,483	28,880	24,093	7,510	Idaho.	
415,828	397,510	43,926	846	794	15,785	13,281	4,298	Wyoming.	
2,105,110	2,013,320	228,547	4,444	4,143	83,942	69,524	17,812	Colorado.	
972,912	917,432	97,914	1,917	1,804	38,250	32,419	9,356	New Mexico.	
1,412,375	1,343,179	151,639	2,933	2,767	56,109	47,142	12,146	Arizona.	
929,318	885,506	101,398	1,963	1,795	38,863	30,473	7,546	Utah.	
408,373	390,673	46,329	883	828	14,683	12,521	3,386	Nevada.	
26,221,806	24,926,848	3,035,596	57,965	53,714	954,361	793,849	209,128	Pacific.	
3,418,571	3,218,623	374,795	7,306	6,739	120,865	99,388	28,797	Washington.	
2,137,084	2,024,088	230,639	4,517	4,230	77,253	66,124	20,374	Oregon.	
19,947,936	19,005,572	2,346,232	44,559	41,263	725,180	602,061	153,399	California.	
202,038	193,034	21,186	306	375	6,600	5,830	1,763	Alaska.	
516,177	485,531	59,744	1,187	1,108	24,463	20,446	4,795	Hawaii.	

Source: Department of Commerce, Bureau of the Census; U.S. Census of Business: 1954, Retail Trade, Vol. II, and U.S. Census of Business: 1958, Retail Trade, Vol. II.

STATE	TOTAL		LUMBER, BUILDING MATERIALS, HARDWARE, FARM EQUIPMENT DEALERS		GENERAL MERCHANDISE GROUP STORES		FOOD STORES		AUTOMOTIVE DEALERS		GASOLINE SERVICE STATIONS	
	Estab-lish-ments	Sales	Estab-lish-ments	Sales	Estab-lish-ments	Sales	Estab-lish-ments	Sales	Estab-lish-ments	Sales	Estab-lish-ments	Sales
		<i>Mil. dol.</i>		<i>Mil. dol.</i>		<i>Mil. dol.</i>		<i>Mil. dol.</i>		<i>Mil. dol.</i>		<i>Mil. dol.</i>
U.S.	1,794,744	200,365	108,379	14,326	87,182	21,971	356,754	49,225	93,885	31,905	206,755	14,228
N.E.	112,701	12,452	5,589	685	4,658	1,262	23,155	3,272	5,263	1,779	10,729	737
Maine	11,236	1,031	610	60	748	107	2,778	289	680	173	1,140	73
N.H.	7,387	704	378	42	382	54	1,551	201	465	110	792	49
Vt.	4,778	443	343	31	362	45	1,002	116	266	77	570	30
Mass.	52,484	6,242	2,473	311	1,850	665	10,885	1,612	2,304	826	4,718	330
R.I.	9,777	929	416	54	374	101	2,088	237	370	131	985	50
Conn.	27,039	3,103	1,369	187	933	291	4,851	817	1,178	457	2,524	192
M.A.	372,404	40,390	16,732	1,961	13,295	4,336	85,544	10,594	14,040	5,299	30,044	2,124
N.Y.	183,173	20,793	7,943	903	6,682	2,222	42,806	5,513	5,819	2,380	12,484	940
N.J.	68,377	7,275	3,025	401	2,848	609	14,002	1,918	2,707	1,010	6,257	445
Pa.	120,854	12,322	5,704	657	4,305	1,604	28,137	3,163	5,514	1,003	11,803	733
E.N.C.	355,538	42,177	26,122	3,227	12,305	4,714	64,754	10,311	18,133	6,685	40,474	3,079
Ohio	90,354	10,857	6,408	788	3,165	1,375	18,232	2,798	4,002	1,743	9,957	811
Ind.	45,904	5,177	3,781	444	1,854	566	7,070	1,218	2,822	860	6,082	422
Ill.	98,973	12,790	6,655	901	3,160	1,806	18,068	2,929	4,402	1,802	9,915	832
Mich.	72,379	8,898	5,457	666	2,422	978	13,523	2,310	3,909	1,572	9,455	705
Wis.	47,928	4,455	3,821	428	1,605	488	7,261	1,046	2,098	702	5,065	309
W.N.C.	173,959	18,208	18,435	2,290	8,180	1,858	26,479	3,912	10,049	3,018	22,797	1,442
Minn.	34,666	3,076	3,556	459	1,602	434	5,728	852	1,761	612	4,237	285
Iowa	33,498	3,367	4,111	509	1,360	294	4,633	706	1,803	546	4,447	272
Mo.	47,825	5,150	3,338	411	2,097	620	8,240	1,153	2,803	807	6,195	392
N.Dak.	7,404	763	1,258	174	403	63	1,046	131	421	143	876	57
S.Dak.	8,758	772	1,273	147	431	67	1,180	153	511	136	1,163	67
Nebr.	16,819	1,730	2,049	259	883	174	2,343	349	1,000	297	2,174	146
Kans.	24,989	2,449	2,550	301	1,004	206	3,303	568	1,750	477	3,705	223
S.A.	237,353	25,493	10,765	1,642	17,687	3,024	53,658	6,110	13,414	4,339	30,943	1,938
Del.	4,624	583	230	35	196	64	896	130	193	91	566	41
Md.	26,150	3,326	1,168	180	1,006	366	6,370	895	1,147	486	2,707	227
D.C.	6,325	1,304	170	33	137	185	1,253	236	221	188	443	63
Va.	32,991	3,721	1,480	215	3,023	474	7,049	924	1,858	630	4,040	304
W.Va.	19,180	1,607	862	90	1,672	245	4,783	426	1,045	269	2,401	124
N.C.	41,206	3,837	1,849	294	4,314	486	10,099	874	2,881	668	6,111	310
S.C.	21,788	1,747	908	131	2,065	206	5,635	444	1,428	311	2,947	153
Ga.	35,452	3,528	1,506	254	3,092	440	8,983	815	2,260	609	5,023	280
Fla.	49,547	5,840	2,502	411	2,182	559	8,040	1,365	2,881	1,093	6,105	427
E.S.C.	108,000	9,829	5,478	743	10,261	1,190	28,172	2,444	6,338	1,754	13,223	782
Ky.	29,707	2,581	1,643	207	2,434	286	7,834	660	1,760	448	3,266	195
Tenn.	32,925	3,199	1,580	226	2,778	403	8,261	791	1,056	377	4,210	261
Ala.	26,893	2,567	1,236	181	2,803	330	7,240	635	1,541	451	3,462	197
Miss.	18,475	1,482	1,010	129	2,246	172	5,013	358	1,091	279	2,285	129
W.S.C.	174,484	17,670	10,546	1,437	10,306	1,940	35,685	4,271	11,700	3,825	24,722	1,433
Ark.	20,159	1,537	1,196	151	1,843	159	5,168	359	1,311	294	2,589	123
La.	29,260	2,940	1,459	221	1,761	347	7,796	725	1,288	492	3,368	220
Okl.	25,972	2,401	1,829	223	1,612	261	4,366	586	1,995	450	3,803	210
Tex.	99,093	10,793	6,062	843	5,090	1,173	18,355	2,602	7,106	2,083	14,902	880
Mt.	66,927	7,924	4,582	732	3,300	527	9,282	1,756	4,314	1,486	9,987	706
Mont.	8,201	863	790	111	397	74	1,175	102	485	163	1,048	69
Idaho	7,546	818	662	105	473	84	1,061	173	532	163	1,029	66
Wyo.	3,930	416	292	46	202	33	485	88	263	78	658	46
Colo.	16,543	2,105	1,226	195	988	250	2,243	455	1,045	386	2,387	165
N.Mex.	8,735	973	480	76	578	94	1,286	213	583	107	1,424	96
Ariz.	11,463	1,412	532	106	514	133	1,599	331	738	262	1,705	131
Utah	7,391	929	471	75	343	122	1,113	200	479	170	1,243	85
Nev.	3,058	408	120	19	105	36	320	95	180	68	493	47
Pac.	193,378	26,222	10,130	1,610	7,090	2,821	30,025	6,555	10,634	4,221	23,836	1,987
Wash.	27,612	3,419	1,845	240	1,154	420	4,640	866	1,721	497	3,806	241
Oreg.	18,050	2,137	1,263	153	708	227	3,056	537	1,185	391	2,579	168
Calif.	141,201	19,048	6,891	1,200	4,690	2,082	21,083	4,949	7,499	3,236	16,998	1,528
Alaska	1,659	202	68	10	183	20	216	47	86	25	102	12
Hawaii	4,760	516	63	7	355	63	1,030	155	143	71	351	38

## SALES, BY KIND OF BUSINESS, BY STATES: 1958

APPAREL, ACCESSORY STORES		FURNITURE, HOME FUR- NISHINGS, EQUIPMENT STORES		EATING, DRINKING PLACES		DRUG STORES, PROPRI- ETARY STORES		OTHER RETAIL STORES		NONSTORE RETAILERS		STATE
Estab- lish- ments	Sales	Estab- lish- ments	Sales	Estab- lish- ments	Sales	Estab- lish- ments	Sales	Estab- lish- ments	Sales	Estab- lish- ments	Sales	
	Mil. dol.		Mil. dol.		Mil. dol.		Mil. dol.		Mil. dol.		Mil. dol.	
119,252	12,569	103,745	10,110	346,245	15,288	56,379	6,804	241,144	18,524	75,024	5,413	
8,339	858	6,809	568	19,545	908	3,962	407	19,829	1,608	4,823	368	N.E.
792	59	580	34	1,004	45	319	27	1,641	148	384	16	Maine
542	45	459	27	1,104	38	189	19	1,213	103	252	10	N.H.
301	20	239	16	600	20	134	10	815	74	149	5	Vt.
3,925	448	3,018	280	9,355	516	2,090	207	9,418	784	2,520	257	Mass.
591	72	589	43	1,945	69	368	35	1,606	107	445	25	R.I.
2,228	216	1,924	108	4,877	220	943	109	6,136	392	1,070	54	Conn.
32,123	3,364	20,969	2,179	76,670	3,840	11,633	1,167	53,377	4,289	17,877	1,288	M.A.
17,205	1,982	10,501	1,127	36,945	2,214	5,948	600	27,985	2,323	8,856	580	N.Y.
5,754	564	3,662	434	14,486	699	1,742	198	10,443	3,361	244	244	N.J.
9,164	818	6,810	618	25,239	958	3,943	369	14,949	1,134	5,660	464	Pa.
22,331	2,393	21,020	2,065	79,479	3,398	10,981	1,462	44,316	3,450	15,623	1,393	E.N.C.
5,292	550	5,504	533	18,810	870	2,740	358	11,074	842	4,220	190	Ohio.
2,695	266	2,900	249	8,495	371	1,455	187	6,307	475	1,834	114	Ind.
7,378	842	5,477	620	22,741	1,097	3,149	432	13,573	1,176	4,440	854	Ill.
4,462	496	4,440	456	14,842	635	2,472	355	7,958	558	3,439	168	Mich.
2,544	239	2,000	208	14,591	426	1,105	131	5,401	400	1,684	78	Wis.
9,280	937	9,484	802	33,736	1,181	5,612	614	22,854	1,649	7,053	506	W.N.C.
1,923	200	1,826	168	7,010	288	993	128	4,417	349	1,373	171	Minn.
1,819	172	2,051	150	6,429	203	976	99	4,441	376	1,428	39	Iowa.
2,624	293	2,433	230	9,304	342	1,695	197	6,199	400	2,297	246	Mo.
370	40	323	30	1,555	53	211	22	758	44	183	5	N. Dak.
422	36	436	28	1,683	48	275	26	1,110	59	268	5	S. Dak.
802	82	971	80	3,273	118	583	54	2,399	168	542	12	Nebr.
1,320	115	1,444	114	4,482	127	939	88	3,830	203	962	28	Kans.
15,028	1,558	13,359	1,305	36,741	1,622	7,251	930	29,692	2,444	8,815	582	S.A.
334	34	204	31	772	35	160	18	851	95	162	0	Del.
1,639	183	1,191	139	5,478	281	832	140	3,284	304	1,328	127	Md.
609	119	336	89	1,417	125	288	62	1,187	184	264	26	D.C.
1,835	206	1,709	180	5,206	225	902	140	3,527	373	1,162	50	Va.
978	97	1,005	84	3,723	91	445	51	1,693	108	573	21	W. Va.
2,481	232	2,397	195	4,709	166	1,020	124	4,564	389	1,365	100	N.C.
1,183	102	1,127	89	2,500	77	660	60	2,741	153	594	22	S.C.
1,972	212	1,957	171	4,062	163	1,162	117	4,117	336	1,278	123	Ga.
3,997	372	3,373	327	8,874	460	1,776	220	7,728	503	2,089	103	Fla.
6,048	585	5,582	483	14,396	501	3,530	345	11,413	815	3,559	187	E.S.C.
1,574	148	1,450	123	4,401	170	820	94	3,519	214	1,010	37	Ky.
1,721	171	1,709	156	4,765	153	1,151	109	3,602	250	1,243	101	Tenn.
1,627	170	1,501	139	3,221	117	916	89	2,605	226	857	32	Ala.
1,126	96	916	65	2,000	61	643	53	1,687	124	440	17	Miss.
9,234	1,036	9,161	828	30,397	1,018	5,824	624	21,086	1,416	5,823	343	W.S.C.
904	80	926	60	2,658	69	624	49	2,360	172	490	15	Ark.
1,580	199	1,410	152	6,707	210	971	106	2,838	199	1,076	68	La.
1,408	133	1,462	116	4,908	144	973	92	2,855	155	701	27	Okla.
5,246	624	5,363	494	17,124	595	3,256	376	13,033	890	3,556	232	Tex.
3,684	381	3,858	378	14,151	609	2,249	319	9,282	603	2,238	127	Mt.
428	43	343	32	2,170	81	261	27	968	63	196	6	Mont.
301	29	449	37	1,577	54	231	20	895	70	276	7	Idaho.
259	20	211	19	789	35	135	16	545	33	91	3	Wyo.
878	93	1,070	102	3,222	152	644	92	2,681	151	559	65	Colo.
463	52	491	46	1,655	72	264	34	1,270	84	232	11	N. Mex.
661	78	698	78	2,010	120	342	53	1,606	96	458	20	Ariz.
411	41	448	47	1,355	56	264	41	954	73	310	12	Utah.
223	27	148	17	773	40	108	23	454	33	116	4	Nev.
13,185	1,459	13,593	1,504	41,130	2,211	5,337	936	29,295	2,300	9,213	620	Pac.
1,403	147	1,659	163	5,607	249	928	123	3,597	373	1,192	99	Wash.
960	91	944	93	3,712	150	552	66	2,439	210	718	52	Oreg.
10,829	1,177	10,572	1,212	30,306	1,724	3,710	723	22,255	1,660	6,058	457	Calif.
128	10	63	9	472	28	44	9	256	21	41	2	Alaska.
365	34	265	27	1,033	60	103	16	748	35	304	10	Hawaii.

Source: Department of Commerce, Bureau of the Census; U.S. Census of Business: 1958, Retail Trade, Vol. II.

# No. 1168. RETAIL TRADE—SIZE OF ESTABLISHMENT OR FIRM AND LEGAL FORM OF ORGANIZATION: 1958

[Excludes Alaska and Hawaii]

ITEM	Estab- lish- ments	Sales	Payroll, entire year	PAYROLL, WORK- WEEK ENDED NEAREST NOV. 15		PAID EMPLOY- EES, WORK- WEEK ENDED NEAREST NOV. 15		Active proprietors of unincor- porated busi- nesses
				Total	Full work- week	Total	Full work- week	
All establishments.....	1,788,325	\$1,000 199,646,463	\$1,000 21,589,339	\$1,000 412,650	\$1,000 381,741	1,000 7,911	1,000 6,473	1,816,666
SALES SIZE <sup>1</sup>								
Operated entire year.....	1,646,909	188,479,581	20,473,053	391,476	361,793	7,364	6,003	1,562,887
With annual sales of—								
Less than \$5,000.....	75,064	253,992	15,671	394	351	15	12	75,284
\$5,000 to \$9,999.....	146,805	1,014,476	41,026	1,008	888	38	31	150,351
\$10,000 to \$19,999.....	242,589	3,467,558	101,458	4,245	3,768	144	114	243,367
\$20,000 to \$29,999.....	201,886	4,884,099	345,018	7,180	6,454	219	174	207,299
\$30,000 to \$49,999.....	288,178	11,131,225	901,479	13,048	16,378	488	390	294,433
\$50,000 to \$99,999.....	316,908	22,287,744	2,293,555	44,880	41,103	1,038	834	310,360
\$100,000 to \$299,999.....	265,346	43,482,285	5,076,809	90,504	90,068	1,858	1,539	266,332
\$300,000 to \$499,999.....	49,125	18,765,654	2,218,244	41,533	39,123	717	603	30,477
\$500,000 to \$999,999.....	35,740	24,601,860	2,726,070	50,910	47,704	833	691	15,272
\$1,000,000 to \$1,999,999.....	16,929	23,357,430	2,326,448	43,108	39,775	675	537	3,741
\$2,000,000 to \$4,999,999.....	6,954	19,713,794	1,989,268	37,077	34,023	564	450	865
\$5,000,000 and over.....	1,295	15,519,554	2,346,207	46,408	42,098	773	627	80
Not operated entire year.....	141,416	11,166,882	1,116,286	21,174	19,948	547	475	255,779
EMPLOYMENT SIZE								
Operated entire year.....	1,646,909	188,479,581	20,473,053	391,476	361,793	7,364	6,003	1,562,887
With Nov. 15 employment of—								
No paid employee.....	591,150	12,582,768	68,247	10,370	9,633	231	190	636,292
1 paid employee.....	231,450	9,152,499	572,062	19,178	17,706	428	354	240,390
2 paid employees.....	218,843	11,873,876	995,657	21,377	19,767	453	371	212,191
3 paid employees.....	151,110	11,500,853	1,095,155	35,889	33,279	723	591	144,069
4 or 5 paid employees.....	162,796	17,189,004	1,840,233	29,255	27,268	567	467	142,636
6 or 7 paid employees.....	88,340	13,084,908	1,511,456	23,037	21,570	434	361	70,783
8 or 9 paid employees.....	51,663	10,024,082	1,198,635	20,838	19,236	403	327	38,133
10 to 14 paid employees.....	64,937	17,535,744	2,141,778	28,036	26,297	503	418	42,331
15 to 19 paid employees.....	30,138	12,094,607	1,482,239	20,283	18,737	405	330	16,080
20 to 49 paid employees.....	47,727	36,623,969	4,268,147	37,222	34,187	662	528	17,423
50 to 99 paid employees.....	9,960	16,238,008	1,972,247	37,222	34,187	662	528	2,103
100 or more paid employees.....	3,795	20,879,263	3,329,202	68,013	59,599	1,204	957	455
Not operated entire year.....	141,416	11,166,882	1,116,286	21,174	19,948	547	475	255,779
SINGLE UNITS AND MULTIUNITS								
Single units.....	1,605,590	132,437,340	13,404,331	254,901	239,757	4,978	4,221	1,740,702
Operated by 1-establishment firms.....	1,577,142	127,319,045	12,753,344	242,638	228,100	4,740	4,021	1,719,242
Operated by multiestablish- ment firms.....	28,448	5,118,295	650,987	12,263	11,057	228	200	27,460
Multinits.....	182,735	67,209,123	8,185,008	157,748	141,953	2,933	2,257	171,964
2-establishment multinits.....	52,258	9,625,911	1,295,785	24,908	23,596	452	391	46,597
3-establishment multinits.....	16,307	4,140,423	568,177	11,004	10,394	198	173	11,068
4- or 5-establishment multi- units.....	13,310	4,176,353	578,690	11,090	10,281	206	170	6,671
6- to 10-establishment multi- units.....	12,366	4,815,798	658,943	12,637	11,615	225	184	3,845
11- to 25-establishment multi- units.....	14,670	5,114,510	635,749	12,160	11,065	225	175	3,142
26- to 50-establishment multi- units.....	11,888	6,263,235	846,202	16,380	14,495	307	236	510
51- to 100-establishment multi- units.....	11,708	4,596,664	549,743	10,424	9,423	199	156	125
101-establishment-and-over multinits.....	50,228	28,476,229	3,051,710	59,086	51,114	1,120	772	---
LEGAL FORM OF ORGANIZATION								
Individual proprietorships.....	1,240,171	63,337,233	5,221,040	102,709	94,604	2,372	1,945	1,283,340
Partnerships.....	259,352	27,744,368	2,534,570	45,987	45,570	1,041	864	535,326
Corporations.....	277,805	106,098,594	13,658,964	267,616	238,259	4,438	3,615	---
Cooperatives.....	5,064	1,305,625	104,017	2,009	1,925	84	30	---
Other legal forms.....	5,033	1,160,613	70,709	1,429	1,378	26	23	---

<sup>1</sup> Establishments classified by sales-size group after reported sales figures had been rounded to nearest \$1,000.Source: Department of Commerce, Bureau of the Census; *U.S. Census of Business: 1958, Retail Trade*, Vol. I.



**NO. 1169. RETAIL TRADE—ESTABLISHMENTS AND SALES, 1954 AND 1958, AND  
PAYROLL AND PERSONNEL, 1958, BY KIND OF BUSINESS**

[Excludes Alaska and Hawaii]

KIND OF BUSINESS	ESTABLISHMENTS			SALES		
	1954	1958		1954	1958	
		Total	With payroll		All establishments	Establishments with payroll
				\$1,000	\$1,000	\$1,000
<b>Retail trade, total.....</b>	<b>1,721,650</b>	<b>1,788,325</b>	<b>1,180,641</b>	<b>169,967,748</b>	<b>199,646,463</b>	<b>187,089,900</b>
<b>Lumber, building materials, hardware, farm equipment dealers.....</b>	<b>1 100,519</b>	<b>108,248</b>	<b>80,644</b>	<b>13,123,528</b>	<b>14,309,206</b>	<b>13,736,403</b>
Lumber, building materials dealers.....	30,177	34,867	27,539	6,502,861	7,122,631	6,980,451
Heating, plumbing, electrical stores.....	7,262	8,548	4,780	514,156	544,072	493,952
Paint, glass, wallpaper stores.....	9,249	11,155	7,825	601,041	739,025	674,718
Hardware stores.....	34,858	34,670	24,522	2,694,348	2,717,163	2,482,419
Farm equipment dealers.....	18,689	19,008	10,028	2,804,532	3,185,715	3,114,863
<b>General merchandise group stores<sup>1</sup>.....</b>	<b>76,198</b>	<b>86,644</b>	<b>49,698</b>	<b>17,872,386</b>	<b>21,879,106</b>	<b>21,084,586</b>
Department stores.....	2,761	3,157	3,157	10,557,843	13,350,467	13,350,467
Limited price variety stores.....	20,917	21,017	18,139	3,066,634	3,620,600	3,505,410
<b>Food stores<sup>1</sup>.....</b>	<b>384,616</b>	<b>355,508</b>	<b>189,304</b>	<b>39,762,213</b>	<b>49,022,333</b>	<b>44,787,078</b>
Grocery stores, including delicatessens.....	287,572	259,796	138,176	34,900,551	43,690,343	40,424,960
Meat markets.....	22,896	23,844	16,810	1,943,969	2,327,038	2,097,060
Fish (seafood) markets.....	4,458	4,339	2,107	184,148	193,748	155,412
Fruit stores, vegetable markets.....	13,136	12,680	4,323	484,503	505,355	350,447
Candy, nut, confectionery stores.....	20,507	17,593	6,147	567,955	527,752	316,244
Retail bakeries.....	19,034	19,235	14,483	862,290	904,981	825,051
<b>Automotive dealers.....</b>	<b>1 85,953</b>	<b>93,656</b>	<b>71,464</b>	<b>129,914,997</b>	<b>31,807,877</b>	<b>31,213,360</b>
Passenger car dealers, franchised.....	41,407	38,555	36,869	25,107,984	25,325,753	25,277,081
Passenger car dealers, nonfranchised.....	20,140	25,331	13,199	2,423,517	2,983,491	2,632,643
Tire, battery, accessory dealers.....	18,845	20,012	16,092	1,813,989	2,425,481	2,323,382
Misc. aircraft, marine, automotive dealers.....	5,307	8,858	5,404	564,857	1,073,152	980,254
<b>Gasoline service stations.....</b>	<b>181,747</b>	<b>206,302</b>	<b>149,004</b>	<b>10,743,812</b>	<b>14,178,203</b>	<b>12,639,743</b>
<b>Apparel, accessory stores<sup>1</sup>.....</b>	<b>119,743</b>	<b>118,759</b>	<b>97,247</b>	<b>11,078,209</b>	<b>12,525,451</b>	<b>12,125,521</b>
Men's, boys' apparel stores <sup>2</sup> .....	(3)	(3)	18,116	(3)	(3)	2,378,956
Women's clothing, specialty stores.....	45,213	44,028	36,786	4,332,852	4,908,794	4,780,538
Family clothing stores <sup>2</sup> .....	(3)	(3)	13,551	(3)	(3)	2,354,111
Shoe stores.....	23,847	24,437	20,143	1,895,252	2,129,699	2,042,083
Children's, infants' wear stores.....	7,024	7,372	6,010	300,980	430,773	405,071
<b>Furniture, home furnishings, equipment stores.....</b>	<b>1 97,607</b>	<b>103,417</b>	<b>72,929</b>	<b>18,994,332</b>	<b>10,074,227</b>	<b>9,543,821</b>
Furniture, home furnishings stores.....	50,729	54,453	39,684	5,373,919	5,988,949	5,733,123
Household appliance stores.....	(3)	24,224	17,093	(3)	2,543,095	2,420,693
Radio, television stores.....	(3)	16,701	10,251	(3)	955,556	855,828
Music stores.....	5,810	7,974	5,056	375,330	580,027	534,277
<b>Eating, drinking places.....</b>	<b>1 319,657</b>	<b>344,740</b>	<b>254,924</b>	<b>13,101,051</b>	<b>15,201,481</b>	<b>13,796,905</b>
Eating places.....	195,128	229,815	172,701	8,731,409	11,037,644	10,219,622
Drinking places (alcoholic beverages).....	123,887	114,925	82,223	4,360,384	4,163,837	3,577,283
<b>Drug stores, proprietary stores.....</b>	<b>56,009</b>	<b>56,232</b>	<b>50,792</b>	<b>5,251,791</b>	<b>6,778,925</b>	<b>6,641,204</b>
Drug stores.....	(3)	51,448	47,032	(3)	6,531,149	6,413,289
Proprietary stores.....	(3)	4,784	3,760	(3)	247,777	227,915
<b>Other retail stores<sup>1</sup>.....</b>	<b>221,093</b>	<b>240,140</b>	<b>148,338</b>	<b>15,611,554</b>	<b>18,488,340</b>	<b>16,834,328</b>
Liquor stores.....	31,240	37,068	28,040	3,180,769	4,201,958	3,887,920
Book, stationery stores.....	8,115	9,418	6,298	575,620	678,919	617,273
Sporting goods stores, bicycle shops.....	10,013	11,552	6,256	480,792	623,791	529,717
Hay, grain, feed stores.....	16,530	16,782	13,512	3,455,943	3,117,292	3,029,642
Farm, garden supply stores.....	7,262	8,069	5,381	637,523	927,878	880,090
Jewelry stores.....	24,266	23,751	15,223	1,407,948	1,494,770	1,807,402
Fuel, ice dealers.....	27,070	28,559	18,557	2,842,044	3,472,659	3,272,911
Florists.....	16,279	19,176	11,662	495,553	688,397	533,713
Cigar stores, stands.....	6,068	5,336	2,680	233,124	232,835	174,847
News dealers, newsstands.....	7,178	7,539	3,415	248,438	285,376	211,548
Camera, photographic supply stores.....	2,896	3,491	2,839	278,101	381,938	304,144
Gift, novelty, souvenir shops.....	12,149	13,987	7,179	282,906	388,630	305,250
Optical goods stores.....	3,011	2,970	2,664	132,116	187,556	182,772
Typewriter stores.....	2,216	1,808	1,290	116,648	105,274	97,416
Luggage, leather goods stores.....	1,387	1,416	912	78,907	81,929	73,717
<b>Nonstore retailers.....</b>	<b>78,508</b>	<b>74,679</b>	<b>16,297</b>	<b>4,513,875</b>	<b>5,401,313</b>	<b>4,686,951</b>
Mail-order houses.....	2,019	2,550	1,502	1,604,939	1,986,168	1,971,128
Merchandise vending machine operators.....	5,715	8,152	3,524	636,096	841,523	753,771
Direct selling (house-to-house) organizations.....	70,774	63,977	11,271	2,272,840	2,573,622	1,962,052

See footnotes at end of table.

**No. 1169. RETAIL TRADE—ESTABLISHMENTS AND SALES, 1954 AND 1958, AND  
PAYROLL AND PERSONNEL, 1958, BY KIND OF BUSINESS—Continued**

KIND OF BUSINESS	Payroll, entire year, 1958	PAYROLL, WORKWEEK ENDED NEAREST NOV. 15, 1958		PAID EMPLOYEES, WORKWEEK ENDED NEAREST NOV. 15, 1958		Active proprietors of unincorporated businesses, 1958
		Total	Full work- week	Total	Full work- week	
<b>Retail trade, total.....</b>	<b>\$1,000 21,589,339</b>	<b>Dollars 412,649,660</b>	<b>Dollars 381,740,722</b>	<b>7,911,081</b>	<b>6,478,122</b>	<b>1,818,866</b>
<b>Lumber, building materials, hardware, farm equipment dealers.....</b>	<b>1,597,147</b>	<b>30,006,208</b>	<b>29,031,948</b>	<b>445,403</b>	<b>408,771</b>	<b>99,274</b>
Lumber, building materials dealers.....	835,413	15,503,190	15,091,301	212,456	197,050	25,261
Heating, plumbing, electrical stores.....	89,761	1,714,829	1,655,548	23,694	21,870	8,862
Paint, glass, wallpaper stores.....	97,887	1,856,991	1,798,455	27,837	25,265	3,484
Hardware stores.....	298,178	5,689,946	5,397,018	100,372	88,934	35,877
Farm equipment dealers.....	275,918	5,181,252	5,089,566	81,044	77,652	10,820
<b>General merchandise group stores<sup>1</sup>.....</b>	<b>3,231,628</b>	<b>63,469,180</b>	<b>55,958,914</b>	<b>1,326,671</b>	<b>999,995</b>	<b>79,421</b>
Department stores.....	2,217,918	44,061,500	39,851,854	807,721	633,412	177
Limited price variety stores.....	574,881	10,834,587	8,815,956	325,654	206,907	14,708
<b>Food stores<sup>1</sup>.....</b>	<b>3,146,424</b>	<b>60,146,920</b>	<b>52,586,732</b>	<b>1,183,633</b>	<b>848,670</b>	<b>380,058</b>
Grocery stores, including delicatessens.....	2,649,356	50,541,441	43,921,047	976,430	684,097	274,700
Meat markets.....	168,153	3,173,610	2,912,176	56,043	44,824	27,777
Fish (seafood) markets.....	11,286	226,405	205,348	5,444	4,311	4,909
Fruit stores, vegetable markets.....	29,214	554,370	504,963	12,687	10,149	14,728
Candy, nut, confectionery stores.....	40,180	764,584	620,884	22,830	15,801	18,550
Retail bakeries.....	190,984	3,762,528	3,410,167	83,532	66,993	20,483
<b>Automotive dealers.....</b>	<b>3,029,827</b>	<b>55,926,298</b>	<b>55,209,112</b>	<b>720,877</b>	<b>696,179</b>	<b>82,995</b>
Passenger car dealers, franchised.....	2,484,510	45,666,905	45,271,952	565,688	553,709	28,308
Passenger car dealers, nonfranchised.....	154,317	2,817,429	2,749,886	44,236	41,790	28,096
Tire, battery, accessory dealers.....	316,661	6,082,468	5,869,804	90,718	81,852	17,983
Misc. aircraft, marine, automotive dealers.....	74,339	1,859,496	1,817,970	20,235	18,828	8,608
<b>Gasoline service stations.....</b>	<b>1,132,597</b>	<b>22,426,702</b>	<b>20,469,536</b>	<b>465,550</b>	<b>378,438</b>	<b>233,922</b>
<b>Apparel, accessory stores<sup>1</sup>.....</b>	<b>1,704,416</b>	<b>32,094,324</b>	<b>29,346,373</b>	<b>648,703</b>	<b>509,715</b>	<b>100,911</b>
Men's, boys' apparel stores <sup>2</sup> .....	340,299	6,211,058	5,824,040	102,181	84,038	( <sup>3</sup> )
Women's clothing specialty stores.....	699,389	13,470,384	12,312,123	285,930	230,666	38,503
Family clothing stores.....	311,333	5,840,259	5,284,403	132,770	100,604	11,547
Shoe stores.....	281,085	5,127,358	4,632,956	94,853	63,804	16,300
Children's, infants' wear stores.....	41,062	824,874	712,111	22,391	16,669	7,938
<b>Furniture, homefurnishings, equipment stores.....</b>	<b>1,384,563</b>	<b>25,797,421</b>	<b>24,965,618</b>	<b>392,743</b>	<b>358,987</b>	<b>96,911</b>
Furniture, home furnishings stores.....	866,993	15,904,149	15,519,747	230,645	218,913	51,062
Household appliance stores.....	325,347	6,152,510	5,929,202	96,053	87,624	20,300
Radio, television stores.....	116,463	2,237,219	2,139,175	35,804	31,346	17,044
Music stores.....	75,760	1,443,587	1,377,404	24,241	21,104	7,860
<b>Eating, drinking places.....</b>	<b>3,018,692</b>	<b>58,890,501</b>	<b>54,270,090</b>	<b>1,576,667</b>	<b>1,317,906</b>	<b>382,856</b>
Eating places.....	2,480,808	48,148,550	44,513,335	1,312,587	1,105,067	257,002
Drinking places (alcoholic beverages).....	537,884	10,741,951	9,756,755	263,080	212,830	125,254
<b>Drug stores, proprietary stores.....</b>	<b>875,147</b>	<b>16,419,870</b>	<b>14,823,856</b>	<b>347,627</b>	<b>269,761</b>	<b>53,127</b>
Drug stores.....	859,426	16,011,647	14,404,027	334,264	259,645	47,993
Proprietary stores.....	21,721	408,223	359,829	13,363	10,116	5,134
<b>Other retail stores<sup>1</sup>.....</b>	<b>1,737,599</b>	<b>32,958,513</b>	<b>31,346,548</b>	<b>580,509</b>	<b>505,545</b>	<b>233,458</b>
Liquor stores.....	225,385	4,301,635	3,978,859	80,829	66,590	34,530
Book, stationery stores.....	99,569	1,860,366	1,731,372	34,206	28,152	8,994
Sporting goods stores, bicycle shops.....	60,699	1,138,562	1,071,813	20,337	17,327	12,100
Hay, grain, feed stores.....	178,404	3,358,800	3,270,008	58,083	54,226	13,586
Farm, garden supply stores.....	71,596	1,348,135	1,296,574	23,778	18,977	7,710
Jewelry stores.....	225,959	4,221,023	4,063,777	68,727	61,842	22,678
Fuel, ice dealers.....	393,906	7,521,188	7,317,022	109,988	102,014	25,015
Florists.....	96,666	1,820,002	1,664,244	39,087	31,759	21,514
Cigar stores, stands.....	15,423	300,425	274,814	7,351	6,012	5,450
News dealers, newsstands.....	19,964	391,713	338,353	12,253	8,920	7,362
Camera, photographic supply stores.....	41,757	785,071	749,339	12,851	11,377	3,016
Gift, novelty, souvenir shops.....	37,146	755,366	672,847	18,905	14,866	15,210
Optical goods stores.....	40,483	838,779	823,626	11,331	10,833	2,457
Typewriter stores.....	18,252	349,032	341,335	5,368	5,044	1,871
Luggage, leather goods stores.....	10,767	203,998	193,473	3,668	3,173	1,203
<b>Nonstore retailers.....</b>	<b>731,299</b>	<b>14,513,723</b>	<b>13,731,995</b>	<b>223,698</b>	<b>197,155</b>	<b>75,733</b>
Mail-order houses.....	272,398	5,794,540	5,243,043	98,206	81,264	2,180
Merchandise vending machine opera- tors.....	74,923	1,438,054	1,405,916	19,930	18,003	7,786
Direct selling (house-to-house) organiza- tions.....	383,978	7,281,129	7,083,036	105,562	96,908	65,701

<sup>1</sup> Group totals include kinds of business not shown separately.<sup>2</sup> Excludes custom tailors.<sup>3</sup> Not available.

Source: Department of Commerce, Bureau of the Census; U.S. Census of Business: 1958, Retail Trade, Vol. I.

**No. 1170. RETAIL TRADE—MERCHANDISE INVENTORIES, 1959 TO 1961, AND SALES-INVENTORY RATIOS, 1960 AND 1961, BY KIND OF BUSINESS**  
 [Inventories in millions of dollars. As of December 31. Beginning 1960, includes Alaska and Hawaii. Based on sample; see source for sampling variability]

KIND OF BUSINESS	MERCHANDISE INVENTORIES AT COST						SALES-INVENTORY RATIOS <sup>1</sup>			
	Organizations operating 11 or more retail stores						Organizations operating 11 or more stores <sup>2</sup>			
	Total, warehouses and stores						All retail stores			
	Stores									
	1959	1960	1961	1959	1960	1961	1960	1961	1960	1961
<b>Total</b>	<b>23,196</b>	<b>24,667</b>	<b>24,025</b>	<b>5,299</b>	<b>5,689</b>	<b>6,121</b>	<b>4,420</b>	<b>4,768</b>	<b>8.9</b>	<b>9.1</b>
Food group	2,460	2,613	2,692	1,232	1,368	1,449	823	893	21.5	21.3
Grocery stores	2,315	2,466	2,532	1,192	1,335	1,425	810	878	20.3	20.2
Eating and drinking places	2,414	2,425	424	29	32	32	18	19	37.1	38.3
General merchandise stores	3,562	3,632	3,803	2,160	2,274	2,485	2,016	2,221	6.7	6.7
Department stores and dry goods, general merchandise stores	2,424	2,446	2,558	1,330	1,475	1,608	1,295	1,432	7.1	7.0
Variety stores	1,772	1,757	1,917	1,176	1,204	1,380	1,101	1,220	7.9	7.7
Mail-order houses (department store merchandise)	684	721	759	504	513	584	483	523	5.6	5.6
Apparel group	250	249	276	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	7.0	6.6
Men's, boys' clothing, and furnishings stores	2,961	3,094	3,026	545	646	670	573	593	4.5	4.6
Women's ready-to-wear stores	701	710	732	65	99	99	146	155	3.4	3.4
Shoe stores	714	745	733	139	157	170	136	155	3.2	3.2
Furniture and appliance group	654	679	657	235	231	235	203	206	3.6	3.6
Furniture, home furnishings stores	1,846	1,884	1,983	1,083	1,181	1,281	1,116	1,119	5.5	5.8
Furniture stores	1,205	1,276	1,367	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	5.2	5.4
Household appliance, TV, radio stores	982	1,004	915	58	63	49	43	40	6.4	6.7
Household appliance dealers	581	533	522	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	7.0	7.2
Lumber, building hardware, farm equipment group	3,351	3,344	3,195	302	264	266	233	235	4.4	4.4
Lumber yards, building materials dealers, paint, plumbing, electrical stores	1,406	1,467	1,454	200	183	186	172	175	5.6	5.6
Lumber yards	1,028	1,028	1,022	126	132	133	128	129	5.3	5.2
Hardware stores	1,890	1,846	1,791	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	3.3	3.3
Farm equipment dealers	1,066	1,082	950	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	3.4	3.6
Automotive group	3,932	4,818	4,211	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	7.8	8.3
Passenger car dealers	3,271	4,114	3,538	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	8.1	8.8
Tire, battery, accessory dealers	2,970	3,815	3,227	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	5.4	5.5
Gasoline service stations	408	438	442	235	244	270	177	190	22.9	23.1
Other retail stores	727	761	775	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	7.4	7.4
Drug and proprietary stores	3,913	4,146	4,210	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	6.3	6.2
Liquor stores	1,128	1,264	1,290	213	262	276	191	209	9.5	9.5
Jewelry stores	535	532	502	169	164	165	85	81	2.6	2.5
	482	404	500	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )		

<sup>1</sup> Ratio of annual sales to year-end inventories of retail stores which were in business the full calendar year.

<sup>2</sup> Based on store inventories only (excludes warehouse inventories).

<sup>3</sup> Not available.

Source: Department of Commerce, Bureau of the Census; *Annual Retail Trade Report*.

# No. 1171. RETAIL TRADE—ESTABLISHMENTS AND SALES, FOR STANDARD METROPOLITAN STATISTICAL AREAS: 1958

[For definition of standard metropolitan statistical area, see table 10, p. 13. Data refer to 189 SMSA's as defined in 1959. Discrepancies in figures identified after the tabulation process was completed have been corrected only at the level significantly affected; hence, detail may not add to total]

STANDARD METROPOLITAN STATISTICAL AREA	ESTABLISH- MENTS		Sales (mil. dol.)	STANDARD METROPOLITAN STATISTICAL AREA	ESTABLISH- MENTS		Sales (mil. dol.)
	Total	With payroll			Total	With payroll	
<b>Total, 189 areas.....</b>	<b>1,019,374</b>	<b>683,948</b>	<b>133,474</b>	Fall River (Mass.) area.....	1,601	991	144
Akron (Ohio) area.....	4,071	2,905	607	Fitchburg-Leominster (Mass.) area.....	906	618	95
Albany-Schenectady-Troy (N.Y.) area.....	7,284	4,644	826	Flint (Mich.) area.....	3,074	2,384	425
Albuquerque (N. Mex.) area.....	2,051	1,417	300	Fort Smith (Ark.) area.....	942	620	97
Allentown-Bethlehem- Easton (Pa.) area.....	5,628	3,342	550	Fort Wayne (Ind.) area.....	1,783	1,333	299
Altoona (Pa.) area.....	1,412	932	132	Fort Worth (Tex.) area.....	5,106	3,328	745
Amarillo (Tex.) area.....	1,408	974	211	Fresno (Calif.) area.....	3,955	2,617	492
Anderson (Ind.) area.....	1,211	841	135	Gadsden (Ala.) area.....	823	531	81
Ann Arbor (Mich.) area.....	1,278	1,032	185	Galveston-Texas City (Tex.) area.....	1,583	1,091	152
Asheville (N.C.) area.....	1,165	807	153	Gary-Hammond-East Chi- cago (Ind.) area.....	4,585	3,337	633
Atlanta (Ga.) area.....	7,721	5,249	1,229	Grand Rapids (Mich.) area.....	3,259	2,355	431
Atlantic City (N.J.) area.....	3,000	1,854	240	Green Bay (Wis.) area.....	1,397	905	159
Augusta (Ga.) area.....	1,852	1,172	191	Greensboro-High Point (N.C.) area.....	2,186	1,482	306
Austin (Tex.) area.....	1,774	1,292	219	Greenville (S.C.) area.....	1,910	1,186	206
Bakersfield (Calif.) area.....	2,036	2,044	377	Hamilton-Middletown (Ohio) area.....	1,666	1,182	199
Baltimore (Md.) area.....	15,720	10,368	1,956	Harrisburg (Pa.) area.....	3,474	2,330	417
Baton Rouge (La.) area.....	1,774	1,260	278	Hartford (Conn.) area.....	4,916	3,430	725
Bay City (Mich.) area.....	1,065	765	116	Honolulu (Hawaii) area.....	3,481	2,313	1,424
Beaumont-Port Arthur (Tex.) area.....	2,872	2,024	350	Houston (Tex.) area.....	11,112	7,522	1,545
Binghamton (N.Y.) area.....	2,073	1,459	257	Huntington (W. Va.)-Ash- land (Ky.) area.....	2,563	1,551	286
Birmingham (Ala.) area.....	5,097	3,375	659	Indianapolis (Ind.) area.....	5,794	4,288	943
Boston (Mass.) area.....	24,692	17,054	3,441	Jackson (Mich.) area.....	1,196	874	144
Bridgeport (Conn.) area.....	3,380	2,202	391	Jackson (Miss.) area.....	1,601	1,099	211
Brockton (Mass.) area.....	1,419	939	162	Jacksonville (Fla.) area.....	3,860	2,596	523
Buffalo (N.Y.) area.....	13,328	8,628	1,521	Jersey City (N.J.) area.....	7,970	4,678	640
Canton (Ohio) area.....	3,267	2,301	377	Johnstown (Pa.) area.....	2,823	1,689	295
Cedar Rapids (Iowa) area.....	1,142	858	181	Kalamazoo (Mich.) area.....	1,374	1,074	205
Champaign-Urbana (Ill.) area.....	978	786	142	Kansas City (Mo.) area.....	8,624	6,070	1,440
Charleston (S.C.) area.....	1,743	1,181	181	Kenosha (Wis.) area.....	1,040	683	98
Charleston (W. Va.) area.....	2,305	1,487	280	Knoxville (Tenn.) area.....	3,031	2,025	357
Charlotte (N.C.) area.....	2,514	1,608	344	Lancaster (Pa.) area.....	2,882	1,948	309
Chattanooga (Tenn.) area.....	2,697	1,773	328	Lansing (Mich.) area.....	2,628	1,950	363
Chicago (Ill.) area.....	55,087	35,345	8,398	Laredo (Tex.) area.....	531	353	80
Cincinnati (Ohio) area.....	10,149	7,063	1,271	Lawrence-Haverhill (Mass.) area.....	2,149	1,413	224
Cleveland (Ohio) area.....	15,843	10,853	2,249	Lewiston-Auburn (Maine) area.....	703	551	80
Columbia (S.C.) area.....	2,211	1,425	232	Lexington (Ky.) area.....	1,138	826	170
Columbus (Ga.) area.....	1,706	1,120	181	Lima (Ohio) area.....	1,073	793	128
Columbus (Ohio) area.....	5,373	3,959	853	Lincoln (Nebr.) area.....	1,148	878	183
Corpus Christi (Tex.) area.....	2,079	1,513	255	Little Rock-North Little Rock (Ark.) area.....	2,599	1,579	279
Dallas (Tex.) area.....	9,660	6,704	1,473	Lorain-Elyria (Ohio) area.....	1,718	1,264	201
Davenport (Iowa)-Rock Island-Moline (Ill.) area.....	2,620	1,916	328	Los Angeles-Long Beach (Calif.) area.....	57,725	38,633	9,039
Dayton (Ohio) area.....	5,198	3,826	766	Louisville (Ky.) area.....	6,431	4,473	820
Decatur (Ill.) area.....	1,032	810	157	Lowell (Mass.) area.....	1,383	911	154
Denver (Colo.) area.....	7,241	5,307	1,183	Lubbock (Tex.) area.....	1,478	998	214
Des Moines (Iowa) area.....	2,644	1,938	374	Lynchburg (Va.) area.....	918	658	108
Detroit (Mich.) area.....	30,742	22,118	4,448	Macon (Ga.) area.....	1,401	985	170
Dubuque (Iowa) area.....	823	577	96	Madison (Wis.) area.....	2,079	1,507	265
Duluth (Minn.)-Superior (Wis.) area.....	2,938	2,022	312	Manchester (N.H.) area.....	1,146	766	184
Durham (N.C.) area.....	936	652	113	Memphis (Tenn.) area.....	4,932	3,552	704
El Paso (Tex.) area.....	2,159	1,489	324	Miami (Fla.) area.....	9,839	6,835	1,369
Erie (Pa.) area.....	2,582	1,640	278				
Evansville (Ind.) area.....	2,041	1,443	239				

<sup>1</sup> Corrected figure.

**NO. 1171. RETAIL TRADE—ESTABLISHMENTS AND SALES, FOR STANDARD METROPOLITAN STATISTICAL AREAS: 1958—Continued**

STANDARD METROPOLITAN STATISTICAL AREA	ESTABLISH- MENTS		Sales (mil. dol.)	STANDARD METROPOLITAN STATISTICAL AREA	ESTABLISH- MENTS		Sales (mil. dol.)
	Total	With pay- roll			Total	With pay- roll	
Milwaukee (Wis.) area.....	11,551	7,465	1,422	San Jose (Calif.) area.....	4,669	3,371	733
Minneapolis-St. Paul (Minn.) area.....	11,432	8,192	1,871	Santa Barbara (Calif.) area..	1,495	1,103	207
Mobile (Ala.) area.....	2,140	1,514	208	Savannah (Ga.) area.....	1,622	1,114	192
Montgomery (Ala.) area.....	1,178	856	168	Seranton (Pa.) area.....	3,342	1,678	257
Muncie (Ind.) area.....	1,038	756	116	Seattle (Wash.) area.....	110,032	6,810	1,444
Muskegon-Muskegon Heights (Mich.) area.....	1,307	985	156	Shreveport (La.) area.....	2,392	1,656	296
Nashville (Tenn.) area.....	3,346	2,342	481	Sioux City (Iowa) area.....	1,101	835	150
New Bedford (Mass.) area....	1,722	1,072	150	Sioux Falls (S. Dak.) area....	999	707	120
New Britain (Conn.) area....	1,331	870	143	South Bend (Ind.) area.....	2,080	1,542	274
New Haven (Conn.) area.....	3,664	2,322	405	Spokane (Wash.) area.....	2,447	1,703	367
New Orleans (La.) area.....	7,593	4,519	904	Springfield (Ill.) area.....	1,506	1,104	205
New York (N.Y.) area.....	115,643	75,309	13,582	Springfield (Mo.) area.....	1,485	963	158
Newark (N.J.) area.....	18,352	11,670	2,236	Springfield (Ohio) area.....	1,169	837	144
Newport News-Hampton (Va.) area.....	1,542	1,194	211	Springfield-Holyoke (Mass.) area.....	4,745	3,161	564
Norfolk-Portsmouth (Va.) area.....	4,074	3,166	503	Stamford (Conn.) area.....	1,902	1,344	205
Ogden (Utah) area.....	804	602	119	Steubenville (Ohio)-Weirton (W. Va.) area.....	1,753	1,153	161
Oklahoma City (Okla.) area.....	4,687	3,103	575	Stockton (Calif.) area.....	2,532	1,776	301
Omaha (Nebr.) area.....	3,694	2,762	540	Syracuse (N.Y.) area.....	5,454	3,682	658
Orlando (Fla.) area.....	2,679	1,719	361	Tacoma (Wash.) area.....	2,682	1,844	333
Patterson-Clifton-Passaic (N.J.) area.....	12,373	7,581	1,451	Tampa-St. Petersburg (Fla.) area.....	7,395	4,723	919
Pensacola (Fla.) area.....	1,566	1,040	198	Terre Haute (Ind.) area.....	1,183	803	137
Peoria (Ill.) area.....	2,734	2,002	346	Toledo (Ohio) area.....	4,286	3,012	500
Philadelphia (Pa.) area.....	43,952	26,742	4,943	Topeka (Kans.) area.....	1,274	936	169
Phoenix (Ariz.) area.....	5,417	3,711	733	Trenton (N.J.) area.....	3,227	1,931	361
Pittsburgh (Pa.) area.....	22,048	14,592	2,638	Tucson (Ariz.) area.....	2,175	1,519	289
Pittsfield (Mass.) area.....	730	540	98	Tulsa (Okla.) area.....	3,706	2,478	474
Portland (Maine) area.....	1,363	981	178	Utica-Rome (N.Y.) area.....	3,734	2,370	363
Portland (Oreg.) area.....	7,057	5,183	1,039	Waco (Tex.) area.....	1,612	1,074	168
Providence (R.I.) area.....	10,236	5,426	901	Washington (D.C.) area.....	11,600	9,251	2,502
Pueblo (Colo.) area.....	977	695	120	Waterbury (Conn.) area.....	1,987	1,251	203
Racine (Wis.) area.....	1,442	994	160	Waterloo (Iowa) area.....	1,076	836	145
Raleigh (N.C.) area.....	1,464	1,002	185	West Palm Beach (Fla.) area.....	2,682	1,872	321
Reading (Pa.) area.....	3,237	2,001	300	Wheeling (W.Va.)-(Ohio) area.....	2,276	1,478	207
Richmond (Va.) area.....	3,501	2,563	524	Wichita (Kans.) area.....	3,145	2,317	434
Roanoke (Va.) area.....	1,411	1,017	193	Wichita Falls (Tex.) area....	1,188	864	156
Rochester (N.Y.) area.....	4,983	3,401	707	Wilkes-Barre-Hazleton (Pa.) area.....	15,097	12,405	1,365
Rockford (Ill.) area.....	1,798	1,302	253	Wilmington (Del.) area.....	3,507	2,405	456
Sacramento (Calif.) area....	3,815	2,677	618	Winston-Salem (N.C.) area....	1,545	991	194
Saginaw (Mich.) area.....	1,022	1,196	212	Worcester (Mass.) area.....	2,080	2,063	364
St. Joseph (Mo.) area.....	1,025	707	116	York (Pa.) area.....	2,681	1,769	271
St. Louis (Mo.) area.....	19,404	12,788	2,381	Youngstown (Ohio) area.....	4,603	3,196	555
Salt Lake City (Utah) area....	2,890	2,142	460				
San Angelo (Tex.) area.....	807	505	82	STANDARD CONSOLIDATED AREAS			
San Antonio (Tex.) area.....	5,678	3,680	680	Chicago, Ill.-Northwestern Ind. area.....	50,672	33,682	9,031
San Bernardino-Riverside- Ontario (Calif.) area.....	7,340	5,052	913	New York-Northeastern New Jersey area.....	150,483	102,471	18,490
San Diego (Calif.) area.....	7,447	5,299	1,132				
San Francisco-Oakland (Calif.) area.....	25,612	17,418	3,580				

<sup>1</sup> Corrected figure.

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Business: 1958, Retail Trade*, Vol. II.

## No. 1172. DEPARTMENT STORE MERCHANDISING SUMMARY: 1940 TO 1961

[In millions of dollars, except ratios. Excludes Alaska and Hawaii. These figures are actual dollar amounts reported by a group of department stores located in various cities throughout the country and are *not* estimates for all department stores. Receipts of goods are derived from reported figures on sales and stocks. New orders are derived from receipts and reported figures on outstanding orders]

MONTHLY AVERAGE	Sales (total for month)	Stocks (end of month)	Outstanding orders (end of month)	Re-ceipts (total for month)	New orders (total for month)	RATIOS				
						Stocks to sales	Out-standing orders to sales	Out-standing orders to stocks	Stocks plus out-standing orders to sales	Re-ceipts to sales
1940.....	147	379	115	148	( <sup>1</sup> )	2.7	0.8	0.3	3.6	1.0
1945.....	276	604	775	277	201	2.3	3.0	1.3	5.3	1.0
1950.....	376	1,012	495	391	401	2.8	1.4	0.5	4.2	1.1
1955.....	437	1,195	446	444	449	2.9	1.1	0.4	4.0	1.0
1957.....	459	1,338	461	461	458	3.1	1.1	0.3	4.1	1.0
1958.....	462	1,323	437	462	464	3.0	1.0	0.3	4.1	1.0
1959.....	488	1,391	510	495	498	3.0	1.1	0.4	4.1	1.1
1960.....	494	1,474	518	496	493	3.1	1.1	0.4	4.3	1.0
1961.....	503	1,485	530	508	512	3.1	1.1	0.4	4.3	1.0

<sup>1</sup> Not available.

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*.

## No. 1173. DEPARTMENT STORE SALES AND STOCKS—INDEXES, BY FEDERAL RESERVE DISTRICT: 1947 TO 1962

[1957-59=100. Based on retail value figures. All monthly data adjusted for seasonal variation; sales data also adjusted for number of trading days. Data for stocks are as of end of month or are annual averages. See also *Historical Statistics, Colonial Times to 1867*, series T 359-360, for U.S. totals]

YEAR OR MONTH	United States <sup>1</sup>	FEDERAL RESERVE DISTRICT											
		Boston	New York	Philadelphia	Cleveland	Richmond	Atlanta	Chicago	St. Louis	Minneapolis	Kansas City	Dallas	San Francisco
SALES													
1947.....	66	71	69	72	73	61	51	76	66	69	61	52	60
1950.....	72	76	71	80	80	68	59	82	73	76	70	64	65
1955.....	88	91	80	93	92	89	81	95	90	85	88	84	82
1957.....	96	96	95	98	98	97	94	100	97	97	94	96	93
1958.....	99	99	100	99	98	98	99	97	98	99	99	99	98
1959.....	105	104	105	104	104	105	107	104	104	104	107	105	109
1960.....	106	106	108	104	108	104	107	104	103	106	108	100	110
1961.....	109	112	112	107	110	107	109	105	103	108	111	102	115
1962:													
January.....	109	113	112	110	112	108	110	104	98	104	105	101	119
February.....	110	101	112	104	109	110	118	103	108	103	114	110	120
March.....	117	122	119	110	118	114	126	112	112	109	118	106	123
April.....	112	113	119	111	112	108	108	108	108	116	115	104	118
May.....	115	110	113	115	117	114	119	112	110	108	116	108	121
STOCKS													
1947.....	59	62	63	61	69	53	46	66	64	61	54	45	52
1950.....	69	73	68	71	80	62	62	75	75	71	66	57	63
1955.....	85	88	78	87	86	90	86	89	93	88	90	76	81
1957.....	99	97	97	99	102	100	102	100	103	102	100	99	96
1958.....	97	99	99	98	97	96	97	97	98	97	98	98	97
1959.....	103	104	104	103	101	104	101	103	99	101	103	104	107
1960.....	109	108	110	105	113	103	107	108	103	108	109	106	114
1961.....	110	112	110	105	112	109	108	109	104	108	111	104	116
1962:													
January.....	114	114	112	110	114	115	112	114	102	111	111	111	121
February.....	114	115	114	110	114	116	111	114	104	113	113	113	122
March.....	116	117	113	112	114	117	114	116	105	113	114	114	124
April.....	115	116	112	111	115	117	114	113	107	114	114	111	134
May.....	116	115	113	112	115	115	116	116	105	112	115	115	127

<sup>1</sup> Excludes Alaska and Hawaii.

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*.

## No. 1174. WHOLESALE TRADE—SALES AND STOCKS: 1948 TO 1961

[In billions of dollars. Beginning 1961, includes Alaska and Hawaii. Data represent sales and stocks of all wholesalers, including merchant wholesalers and other types of wholesale trade such as manufacturers sales branches and sales offices, petroleum bulk stations, agents and brokers, and assemblers of farm products. Series revised in accord with results of 1954 Census of Business. See also *Historical Statistics, Colonial Times to 1967*, series T 208-210, for sales]

YEAR	ALL ESTABLISHMENTS		DURABLE GOODS ESTABLISHMENTS		NONDURABLE GOODS ESTABLISHMENTS	
	Sales	Stocks, end of year	Sales	Stocks, end of year	Sales	Stocks, end of year
1948.....	90.6	7.7	29.2	3.5	61.4	4.2
1949.....	86.5	7.5	27.2	3.4	59.3	4.1
1950.....	101.0	9.0	35.4	4.1	65.6	4.9
1951.....	112.4	9.6	39.6	4.6	72.8	5.0
1952.....	114.8	9.9	39.3	4.7	75.4	5.2
1953.....	117.7	10.3	41.4	4.9	76.3	5.4
1954.....	116.8	10.3	40.0	4.9	76.8	5.4
1955.....	127.4	11.3	48.2	5.6	79.2	5.7
1956.....	135.3	12.9	52.8	6.3	82.5	6.6
1957.....	135.2	12.5	50.4	6.4	84.8	6.1
1958.....	133.1	11.6	47.3	6.0	85.8	5.6
1959.....	147.5	12.6	55.4	6.4	92.1	6.2
1960.....	148.0	13.2	53.3	6.6	94.7	6.6
1961.....	150.7	13.5	51.4	6.7	99.3	6.8

Source: Department of Commerce, Office of Business Economics; published currently in *Survey of Current Business*.

## No. 1175. MERCHANT WHOLESALERS—ESTIMATED SALES, BY KIND OF BUSINESS: 1960 AND 1961

[In millions of dollars. Includes Alaska and Hawaii. Totals and group totals include data for some kinds of business not shown separately. Minus sign (—) denotes decrease]

KIND OF BUSINESS	1960	1961	Per- cent in- crease, 1960 to 1961	KIND OF BUSINESS	1960	1961	Per- cent in- crease, 1960 to 1961
Merchant whole- salers.....	137,281	139,549	2	Nondurable goods.....	80,477	82,645	3
Durable goods.....	56,803	56,905	-----	Groceries and related prod- ucts.....	27,061	28,090	4
Motor vehicles, automotive equipment.....	7,883	7,803	—1	Beer, wine, distilled alco- holic beverages.....	7,424	7,636	3
Electrical goods.....	8,600	8,630	-----	Drugs, chemicals, allied products.....	5,370	5,485	2
Furniture, home furnish- ings.....	2,910	2,931	1	Tobacco, tobacco products..	4,164	4,279	3
Hardware, plumbing, heat- ing equipment, supplies..	6,422	6,299	—2	Dry goods, apparel.....	6,675	6,833	2
Lumber, construction mate- rials.....	6,680	6,582	—2	Paper, paper products (ex- cluding wallpaper).....	4,153	4,275	3
Machinery, equipment, supplies.....	14,237	14,404	1	Coal.....	802	778	—3
Metals, metalwork (except scrap).....	5,708	5,851	3	Farm supplies.....	1,941	1,995	3
Scrap, waste materials.....	3,296	3,446	5				

Source: Department of Commerce, Bureau of the Census; *Monthly Wholesale Trade Report*.

STATE	1954 <sup>1</sup>							
	Total wholesale trade						Merchant whole- salers	
	Estab- lish- ments	Sales	Payroll, entire year	Payroll, workweek ended nearest Nov. 15	Paid em- ployees, workweek ended nearest Nov. 15	Active proprietors of unincor- porated businesses	Estab- lish- ments	Sales
		<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>\$1,000</i>				<i>Mil. dol.</i>
United States.....	253,086	235,651	11,065	216,978	2,601,103	151,631	165,698	101,436
New England.....	14,454	11,686	648	12,253	152,921	6,307	11,006	5,566
Maine.....	1,314	654	41	760	12,039	573	922	360
New Hampshire.....	615	308	20	360	5,099	259	451	178
Vermont.....	423	180	12	220	3,294	214	279	96
Massachusetts.....	7,934	7,504	386	7,301	87,481	3,313	6,041	3,322
Rhode Island.....	1,256	925	49	926	12,554	582	1,053	478
Connecticut.....	2,912	2,115	140	2,080	32,454	1,366	2,260	1,132
Middle Atlantic.....	59,965	68,691	2,994	57,038	629,148	34,933	46,966	30,475
New York.....	38,003	49,378	1,030	36,460	385,121	20,248	29,990	21,877
New Jersey.....	6,909	5,918	357	6,876	78,329	3,850	5,687	2,040
Pennsylvania.....	16,073	13,396	706	13,691	166,698	10,826	11,270	5,553
East North Central.....	49,397	51,055	2,411	46,922	522,134	29,252	31,146	19,342
Ohio.....	11,073	12,626	621	12,163	135,967	6,198	7,833	4,607
Indiana.....	5,831	4,383	224	4,251	52,820	3,614	3,390	1,832
Illinois.....	16,493	20,390	890	17,300	186,178	10,117	10,452	7,627
Michigan.....	9,441	10,087	479	9,303	99,793	6,327	6,174	3,665
Wisconsin.....	5,609	3,569	197	3,900	47,876	2,966	3,288	1,611
West North Central.....	30,382	23,747	997	19,643	249,843	18,194	13,205	9,015
Minnesota.....	6,099	5,486	242	4,761	57,020	3,500	2,833	2,253
Iowa.....	5,641	3,742	139	2,689	37,776	3,337	2,184	1,205
Missouri.....	7,604	8,210	380	7,433	88,405	4,488	4,377	3,248
North Dakota.....	2,074	816	33	695	8,901	854	416	258
South Dakota.....	1,693	784	28	542	5,350	902	440	204
Nebraska.....	3,006	2,668	85	1,712	23,932	1,904	1,263	803
Kansas.....	4,265	2,041	89	1,811	24,799	2,709	1,702	933
South Atlantic.....	26,303	21,923	1,083	21,288	306,176	14,921	17,376	9,089
Delaware.....	417	807	36	671	7,025	193	284	143
Maryland.....	3,038	2,584	141	2,614	35,330	1,833	2,200	1,105
District of Co- lumbia.....	1,090	1,420	77	1,507	16,733	450	761	584
Virginia.....	3,362	2,577	134	2,700	41,047	1,821	2,213	1,223
West Virginia.....	1,823	1,065	67	1,351	17,830	848	1,339	648
North Carolina.....	4,752	4,184	163	3,334	50,617	2,840	2,957	1,617
South Carolina.....	2,016	1,341	56	1,089	18,490	1,220	1,256	634
Georgia.....	4,496	4,543	201	3,910	54,247	2,724	2,658	1,690
Florida.....	5,309	3,402	207	4,112	64,857	2,983	3,699	1,736
East South Central.....	11,278	10,261	421	8,293	122,389	7,784	7,161	4,773
Kentucky.....	2,720	2,189	104	2,030	29,997	1,846	1,721	965
Tennessee.....	3,877	4,564	166	3,261	47,011	2,534	2,631	2,244
Alabama.....	2,818	2,827	104	2,034	30,135	2,041	1,814	1,021
Mississippi.....	1,863	1,184	46	883	15,246	1,313	1,095	544
West South Central.....	22,971	17,244	813	16,328	218,225	15,261	14,413	8,858
Arkansas.....	1,965	999	48	916	14,427	1,497	1,140	507
Louisiana.....	3,634	2,922	147	2,911	40,490	2,231	2,442	1,667
Oklahoma.....	3,627	2,273	101	2,082	27,224	2,434	2,003	989
Texas.....	13,745	11,050	517	10,419	136,084	9,169	8,738	5,605
Mountain.....	10,019	5,853	296	6,195	80,382	6,295	5,318	2,563
Montana.....	1,490	699	30	625	7,885	687	568	267
Idaho.....	1,273	483	27	586	10,003	824	527	188
Wyoming.....	1,553	199	9	185	2,676	306	276	97
Colorado.....	2,897	2,214	101	2,079	25,583	1,919	1,545	835
New Mexico.....	1,003	450	27	585	7,741	703	630	281
Arizona.....	1,285	776	44	665	12,270	802	848	410
Utah.....	1,174	878	48	990	12,250	746	703	367
Nevada.....	1,335	154	9	190	2,074	248	231	100
Pacific.....	28,307	25,184	1,404	29,106	319,885	18,684	19,107	11,755
Washington.....	4,658	3,458	201	4,109	48,617	2,615	2,796	1,725
Oregon.....	2,995	2,432	125	2,690	29,068	2,011	1,935	1,251
California.....	10,876	18,617	1,034	21,513	231,333	13,640	13,831	8,413
Alaska.....	184	95	6	129	981	83	100	41
Hawaii.....	504	582	38	765	9,886	335	445	294

<sup>1</sup> 1954 includes, and 1953 excludes, ready-mixed concrete distributors.



## SUMMARY, BY STATES: 1954 AND 1958

1958 1								STATE
Total wholesale trade						Merchant whole- salers		
Estab- lish- ments	Sales	Payroll, entire year	Payroll, work- week ended nearest Nov. 15	Paid em- ployees, workweek ended nearest Nov. 15	Active proprie- tors of unincor- porated busi- nesses	Estab- lish- ments	Sales	
287,043	Mil. dol. 285,727	Mil. dol. 13,245	\$1,000 270,072	2,807,661	157,929	190,492	Mil. dol. 122,062	United States.
15,848	13,755	752	14,717	159,678	6,623	12,025	6,475	New England.
1,494	848	49	968	12,733	685	1,069	442	Maine.
759	396	25	498	5,906	349	553	224	New Hampshire.
492	231	15	282	3,697	256	340	126	Vermont.
8,441	8,678	439	8,506	88,667	3,304	6,400	3,855	Massachusetts.
1,353	1,005	56	1,114	12,811	593	1,125	518	Rhode Island.
3,309	2,598	168	3,348	35,814	1,436	2,538	1,310	Connecticut.
64,779	79,678	3,428	68,503	664,003	35,711	50,284	35,148	Middle Atlantic.
40,125	54,894	2,176	43,177	405,239	10,440	31,356	24,707	New York.
8,236	8,477	451	9,016	87,794	4,303	6,602	3,903	New Jersey.
16,418	16,307	801	16,310	170,970	11,968	12,326	6,448	Pennsylvania.
55,253	59,346	2,790	56,636	560,337	29,961	35,116	22,740	East North Central.
13,520	14,414	710	14,452	142,722	6,397	8,026	5,282	Ohio.
6,697	5,231	272	5,433	58,824	3,437	3,892	2,096	Indiana.
17,016	23,564	1,025	21,029	201,518	10,324	11,437	6,111	Illinois.
10,797	11,600	547	10,928	105,273	6,784	7,021	4,167	Michigan.
6,323	4,536	236	4,704	52,000	3,019	3,840	2,084	Wisconsin.
33,220	28,100	1,151	23,305	252,128	16,969	15,544	10,418	West North Central.
6,773	6,538	280	5,707	58,922	3,131	3,359	2,668	Minnesota.
6,286	4,406	163	3,293	39,158	3,693	2,682	1,572	Iowa.
8,428	9,593	427	8,559	86,902	4,437	4,873	3,534	Missouri.
2,142	1,004	39	779	9,202	624	567	338	North Dakota.
1,828	953	33	671	8,553	740	606	242	South Dakota.
3,186	2,069	96	1,922	22,860	1,798	1,446	911	Nebraska.
4,577	2,545	113	2,375	26,541	2,547	2,011	1,153	Kansas.
31,767	28,488	1,390	28,489	337,500	16,985	21,434	11,628	South Atlantic.
542	804	46	885	7,450	225	380	176	Delaware.
3,363	3,313	166	3,311	37,297	1,925	2,475	1,317	Maryland.
1,202	1,676	91	1,807	17,882	478	867	708	District of Colum- bia.
3,817	3,489	170	3,458	42,800	1,927	2,523	1,518	Virginia.
2,038	1,321	79	1,604	18,879	909	1,510	654	West Virginia.
5,741	5,026	211	4,467	54,441	3,567	3,635	1,855	North Carolina.
2,387	1,605	73	1,467	20,027	1,493	1,535	769	South Carolina.
5,445	5,741	254	5,261	58,337	2,954	3,310	1,027	Georgia.
7,232	5,512	299	6,239	80,378	3,517	5,190	2,704	Florida.
13,367	11,959	521	10,647	131,880	9,042	8,630	5,522	East South Central.
3,220	2,564	120	2,519	31,554	2,188	2,089	1,150	Kentucky.
4,490	5,153	208	4,154	50,095	3,064	2,980	2,358	Tennessee.
3,393	2,853	134	2,769	34,059	2,320	2,241	1,303	Alabama.
2,264	1,380	59	1,204	16,172	1,470	1,390	711	Mississippi.
27,044	22,293	1,051	21,735	245,627	16,348	17,531	10,923	West South Central.
2,298	1,164	55	1,133	15,114	1,464	1,364	610	Arkansas.
4,501	4,075	192	4,016	46,473	2,603	3,145	2,031	Louisiana.
3,990	2,664	126	2,665	29,330	2,538	2,438	1,223	Oklahoma.
16,255	14,390	678	13,921	154,710	9,743	10,584	7,059	Texas.
11,860	7,873	390	8,220	92,978	6,032	6,762	3,482	Mountain.
1,606	763	35	678	8,366	495	678	314	Montana.
1,468	699	34	841	11,131	655	652	253	Idaho.
632	211	11	243	2,730	800	333	114	Wyoming.
3,325	2,955	132	2,732	29,912	1,920	1,879	1,065	Colorado.
1,270	665	37	786	8,641	722	852	412	New Mexico.
1,748	1,214	68	1,471	16,330	969	1,202	670	Arizona.
1,402	1,197	61	1,230	13,388	738	884	516	Utah.
409	199	12	241	2,480	242	282	137	Nevada.
33,905	34,237	1,772	37,820	363,530	20,258	23,116	15,728	Pacific.
5,267	4,316	231	4,820	49,198	2,571	3,237	2,076	Washington.
3,501	3,259	148	3,069	30,663	2,046	2,261	1,756	Oregon.
24,090	25,906	1,348	28,963	273,349	15,174	16,854	11,495	California.
254	138	9	182	1,478	89	168	68	Alaska.
793	618	36	777	8,842	378	596	331	Hawaii.

Source: Department of Commerce, Bureau of the Census; U.S. Census of Business: 1968, Wholesale Trade, Vol. IV.

## No. 1177. WHOLESALE TRADE—SUMMARY, BY KIND OF BUSINESS: 1958

[Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series T 211-302]

TYPE OF OPERATION AND KIND OF BUSINESS	Estab- lish- ments	Sales	Payroll, entire year	Paid employees, workweek ended nearest Nov. 15	Active proprietors of unincor- porated busi- nesses
Total.....	285,996	Mil. dol. 284,971	\$1,000 13,198,744	2,797,341	157,462
TYPE OF OPERATION					
Merchant wholesalers.....	189,728	121,661	8,243,904	1,834,474	119,698
Manufacturers' sales branches, offices.....	25,181	87,757	3,224,971	559,881	488
Petroleum bulk plants, terminals.....	30,424	20,131	649,411	139,366	7,085
Merchandise agents, brokers.....	26,567	46,423	745,416	148,305	21,292
Assemblers of farm products.....	14,086	8,909	334,052	115,225	8,089
KIND OF BUSINESS BY TYPE					
Motor vehicles, automotive equipment:					
Automobiles, other motor vehicles.....	3,915	15,760	390,739	73,363	2,074
Merchant wholesalers.....	2,963	2,291	139,294	31,097	1,365
Manufacturers' sales branches, offices.....	713	13,022	245,559	40,911	3
Merchandise agents, brokers.....	239	447	5,886	1,355	175
Automotive equipment.....	17,046	5,660	616,868	145,072	11,440
Merchant wholesalers.....	16,111	4,154	541,086	130,744	10,937
Manufacturers' sales branches, offices.....	884	863	61,651	12,081	14
Merchandise agents, brokers.....	551	643	14,129	2,247	459
Tires, tubes.....	2,093	2,068	124,000	25,824	1,319
Merchant wholesalers.....	1,749	653	67,079	15,878	1,293
Manufacturers' sales branches, offices.....	305	1,371	55,945	9,785	3
Merchandise agents, brokers.....	39	44	976	181	23
Drugs, chemicals, allied products:					
Drugs, drug proprietaries, druggists' sundries.....	3,769	5,955	359,765	75,286	1,703
Merchant wholesalers.....	3,042	2,827	228,152	50,751	1,653
Manufacturers' sales branches, offices.....	518	2,840	122,000	22,878	10
Merchandise agents, brokers.....	209	289	8,654	1,567	140
Paints, varnishes.....	2,316	1,196	95,883	19,354	719
Merchant wholesalers.....	1,250	318	35,833	7,976	625
Manufacturers' sales branches, offices.....	948	762	57,634	11,002	9
Merchandise agents, brokers.....	118	116	2,416	377	85
Other chemicals, allied products.....	4,172	9,426	304,161	49,300	1,199
Merchant wholesalers.....	2,805	1,496	101,767	20,561	1,016
Manufacturers' sales branches, offices.....	1,032	7,573	193,793	27,460	4
Merchandise agents, brokers.....	335	357	8,601	1,369	179
Dry goods, apparel:					
Dry goods, piece goods, notions.....	5,399	7,512	295,582	52,228	2,750
Merchant wholesalers.....	4,410	3,369	199,714	38,195	2,314
Manufacturers' sales branches, offices.....	298	1,790	55,476	7,930	17
Merchandise agents, brokers.....	691	2,353	40,392	6,103	419
Apparel and accessories, hosiery, lingerie.....	5,822	5,126	237,590	47,895	3,802
Merchant wholesalers.....	4,173	2,118	148,095	31,875	2,067
Manufacturers' sales branches, offices.....	333	915	49,051	9,207	40
Merchandise agents, brokers.....	1,316	2,093	40,444	6,813	1,095
Footwear.....	803	936	54,226	10,001	443
Merchant wholesalers.....	616	414	27,534	5,443	368
Manufacturers' sales branches, offices.....	77	410	24,852	4,205	85
Merchandise agents, brokers.....	110	112	1,840	293	
Groceries and related products:					
General-line groceries.....	2,253	8,428	317,651	71,282	953
Merchant wholesalers.....	2,253	8,428	317,651	71,282	953
Dairy products.....	4,450	4,647	246,630	61,443	2,294
Merchant wholesalers.....	3,067	1,934	95,326	22,771	2,117
Manufacturers' sales branches, offices.....	984	1,649	123,492	22,664	11
Merchandise agents, brokers.....	252	771	17,472	3,322	140
Assemblers of farm products.....	147	292	10,340	2,086	28
Poultry, poultry products.....	4,026	2,574	97,785	30,684	3,767
Merchant wholesalers.....	2,082	1,402	52,444	15,294	1,919
Manufacturers' sales branches, offices.....	52	99	2,878	607	8
Merchandise agents, brokers.....	168	204	5,910	1,742	119
Assemblers of farm products.....	1,724	808	36,558	13,041	1,721
Confectionery.....	2,454	1,370	65,564	16,806	2,232
Merchant wholesalers.....	2,113	747	46,799	12,992	2,012
Manufacturers' sales branches, offices.....	131	357	14,564	3,144	10
Merchandise agents, brokers.....	210	266	4,211	700	201
Fish, seafood.....	1,677	747	44,442	13,541	1,579
Merchant wholesalers.....	1,591	622	42,177	13,113	1,520
Merchandise agents, brokers.....	86	126	2,265	428	59
Meats, meat products.....	5,132	6,737	272,514	57,628	4,407
Merchant wholesalers.....	4,459	3,879	170,456	37,168	4,251
Manufacturers' sales branches, offices.....	520	2,252	97,345	19,682	14
Merchandise agents, brokers.....	153	606	4,713	776	142

## No. 1177. WHOLESALE TRADE—SUMMARY, BY KIND OF BUSINESS: 1958—Continued

TYPE OF OPERATION AND KIND OF BUSINESS	Estab- lish- ments	Sales	Payroll, entire year	Paid employees, workweek ended nearest Nov. 15	Active proprietors of unincor- porated busi- nesses
KIND OF BUSINESS BY TYPE—Continued					
<b>Groceries and related products—Continued</b>		<i>Mil. dol.</i>	<i>\$1,000</i>		
Fresh fruits, vegetables.....	9,554	6,423	304,413	112,320	9,012
Merchant wholesalers.....	6,261	3,092	196,942	52,008	6,490
Merchandise agents, brokers.....	986	1,877	40,495	8,523	720
Assemblers of farm products.....	2,277	1,453	126,976	51,789	1,802
<b>Other groceries and related products.....</b>	<b>13,009</b>	<b>18,134</b>	<b>583,838</b>	<b>124,651</b>	<b>8,714</b>
Merchant wholesalers.....	8,166	5,036	259,216	63,703	6,172
Manufacturers' sales branches, offices.....	2,139	6,148	235,070	45,327	69
Merchandise agents, brokers.....	2,704	6,951	89,562	15,561	2,473
<b>Farm products—raw materials.....</b>	<b>17,311</b>	<b>28,584</b>	<b>390,358</b>	<b>116,896</b>	<b>11,099</b>
Merchant wholesalers.....	4,195	9,504	151,291	38,833	2,935
Merchandise agents, brokers.....	3,765	12,816	98,314	35,823	4,010
Assemblers of farm products.....	9,351	6,175	140,753	42,240	4,154
<b>Electrical goods:</b>					
General-line electrical supplies, apparatus.....	977	1,345	85,719	17,689	231
Merchant wholesalers.....	977	1,345	85,719	17,689	231
Specialty-line elec. supplies, apparatus.....	5,376	8,188	411,126	72,028	2,186
Merchant wholesalers.....	3,106	2,098	170,388	34,068	1,295
Manufacturers' sales branches, offices.....	1,229	5,040	215,985	34,456	8
Merchandise agents, brokers.....	1,041	1,050	24,753	3,804	880
Electrical appliances, TV, radio sets.....	2,925	4,367	280,797	50,608	908
Merchant wholesalers.....	2,403	3,432	238,072	47,486	755
Manufacturers' sales branches, offices.....	319	679	43,436	8,269	153
Merchandise agents, brokers.....	203	256	5,280	863	1,935
Electronic parts, equipment.....	3,950	2,544	151,064	31,848	1,376
Merchant wholesalers.....	3,002	1,654	107,667	24,843	1
Manufacturers' sales branches, offices.....	133	500	19,630	3,526	558
Merchandise agents, brokers.....	815	990	24,367	3,479	
<b>Hardware, plumbing, heating equip., supplies:</b>					
Hardware.....	3,172	2,771	262,006	56,100	1,644
Merchant wholesalers.....	2,628	2,256	243,955	52,938	1,291
Manufacturers' sales branches, offices.....	175	190	11,440	2,013	2
Merchandise agents, brokers.....	369	325	7,511	1,149	351
Plumbing and heating equipment, supplies.....	5,913	3,983	304,243	60,086	2,547
Merchant wholesalers.....	4,898	3,052	275,220	55,938	1,862
Manufacturers' sales branches, offices.....	216	302	12,682	2,287	6
Merchandise agents, brokers.....	799	608	16,182	2,761	670
Air conditioning, refrigerating equip., supplies.....	2,400	1,159	97,586	18,080	1,338
Merchant wholesalers.....	1,906	612	71,018	15,040	1,101
Manufacturers' sales branches, offices.....	140	269	18,771	2,764	3
Merchandise agents, brokers.....	294	278	7,797	1,176	234
<b>Machinery, equipment, supplies:</b>					
Commercial, indus. mach., equip., supplies.....	29,109	18,332	1,657,661	310,542	12,140
Merchant wholesalers.....	20,263	8,910	910,569	184,658	9,969
Manufacturers' sales branches, offices.....	5,758	6,935	608,782	113,520	36
Merchandise agents, brokers.....	3,088	2,488	78,310	12,364	2,135
Farm and garden machinery, equipment.....	1,606	2,220	111,818	21,006	792
Merchant wholesalers.....	1,300	741	57,467	11,696	706
Manufacturers' sales branches, offices.....	221	1,420	53,003	9,031	9
Merchandise agents, brokers.....	85	59	1,348	279	77
Professional equipment, supplies.....	4,881	2,281	270,302	54,647	2,078
Merchant wholesalers.....	3,663	1,340	180,411	38,577	1,991
Manufacturers' sales branches, offices.....	1,080	801	85,745	15,381	16
Merchandise agents, brokers.....	138	140	4,146	689	71
Service-establishment equipment, supplies.....	4,326	1,336	147,631	32,550	2,558
Merchant wholesalers.....	4,014	1,040	130,283	29,007	2,728
Manufacturers' sales branches, offices.....	140	142	13,283	2,724	5
Merchandise agents, brokers.....	172	154	4,115	738	125
Transportation equip., supplies exc. automotive.....	1,701	1,572	86,898	16,932	709
Merchant wholesalers.....	1,387	616	62,146	13,143	570
Manufacturers' sales branches, offices.....	98	674	18,483	2,809	1
Merchandise agents, brokers.....	216	282	6,260	980	120
<b>Miscellaneous products:</b>					
Metals, minerals (exc. petroleum prod., scrap).....	7,466	22,104	605,350	105,336	2,223
Merchant wholesalers.....	4,702	5,541	389,038	72,981	1,708
Manufacturers' sales branches, offices.....	1,740	14,816	180,635	27,847	14
Merchandise agents, brokers.....	934	1,748	29,660	4,508	601
Petroleum bulk stations, terminals.....	30,424	20,131	649,411	139,366	7,985
Scrap, waste materials.....	9,642	3,120	259,398	73,789	9,068
Merchant wholesalers.....	9,491	2,898	253,043	72,546	8,982
Merchandise agents, brokers.....	151	222	6,355	1,243	80

## No. 1177. WHOLESALE TRADE—SUMMARY, BY KIND OF BUSINESS: 1958—Continued

TYPE OF OPERATION AND KIND OF BUSINESS	Estab-lish-ments	Sales	Payroll, entire year	Paid employees, workweek ended nearest Nov. 15	Active proprie-tors of unincor-porated bus-nesses
KIND OF BUSINESS BY TYPE—Continued					
Miscellaneous products—Continued		<i>Mill. dol.</i>	<i>\$1,000</i>		
Tobacco, tobacco products.....	2,953	5,439	137,614	33,093	2,301
Merchant wholesalers.....	2,759	3,668	115,688	28,721	2,273
Manufacturers' sales branches, offices.....	170	1,747	21,486	4,201	31
Merchandise agents, brokers.....	24	24	440	171	31
Beer, wine, distilled alcoholic beverages.....	7,829	8,726	464,372	87,169	5,633
Merchant wholesalers.....	7,325	6,530	402,998	77,139	5,520
Manufacturers' sales branches, offices.....	364	2,088	58,395	9,465	11
Merchandise agents, brokers.....	140	107	2,979	695	102
Paper, paper products, except wallpaper.....	6,512	6,659	409,105	79,728	2,870
Merchant wholesalers.....	5,182	3,564	316,522	64,798	2,626
Manufacturers' sales branches, offices.....	953	2,452	81,886	13,345	6
Merchandise agents, brokers.....	377	643	10,697	1,585	238
Furniture, home furnishings.....	6,946	4,814	328,197	69,077	3,699
Merchant wholesalers.....	5,359	2,510	237,058	51,192	2,970
Manufacturers' sales branches, offices.....	736	1,482	70,724	14,489	28
Merchandise agents, brokers.....	851	823	20,415	3,396	701
Lumber, construction materials.....	11,689	10,551	590,814	126,884	5,147
Merchant wholesalers.....	9,463	6,272	438,609	98,283	4,465
Manufacturers' sales branches, offices.....	1,251	3,343	132,256	26,041	37
Merchandise agents, brokers.....	975	936	10,949	3,560	645
Other miscellaneous products.....	31,008	22,046	1,018,715	238,292	10,650
Merchant wholesalers.....	24,414	11,748	737,228	183,298	16,204
Manufacturers' sales branches, offices.....	2,024	4,760	172,594	31,780	84
Merchandise agents, brokers.....	3,973	5,269	88,568	17,745	2,982
Assemblers of farm products.....	597	270	20,325	5,469	886

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Business: 1958, Wholesale Trade, Vol. IV.*

## No. 1178. WHOLESALE TRADE—SIZE OF ESTABLISHMENT AND LEGAL FORM OF ORGANIZATION: 1958

[Excludes Alaska and Hawaii]

ITEM	Estab-lish-ments	Sales	Payroll, entire year	ITEM	Estab-lish-ments	Sales	Payroll, entire year
SALES SIZE <sup>1</sup>				EMPLOYMENT SIZE—Continued			
Merchant wholesalers.....	189,728	<i>Mill. dol.</i> 121,661	<i>\$1,000</i> 8,243,994	All establishments—Con.			
Operated entire year.....	184,679	119,910	8,128,379	With Nov. 15 employ-ment of—Con.		<i>Mill. dol.</i>	<i>\$1,000</i>
With annual sales of—				4 or 5 paid employees.....	37,907	20,639	775,835
Less than \$50,000.....	32,276	807	105,451	6 or 7 paid employees.....	24,670	17,306	749,184
\$50,000 to \$99,000.....	26,347	1,950	226,129	8 or 9 paid employees.....	16,811	15,239	677,990
\$100,000 to \$199,000.....	34,289	4,993	508,296	10 to 19 paid employ-ees.....	38,251	51,457	2,494,072
\$200,000 to \$299,000.....	20,010	4,955	493,461	20 to 49 paid employ-ees.....	23,658	64,448	3,398,292
\$300,000 to \$499,000.....	22,962	8,991	850,602	50 to 99 paid employ-ees.....	5,705	37,655	1,880,919
\$500,000 to \$999,000.....	23,545	16,743	1,455,966	100 paid employees or more.....	2,412	41,559	2,262,892
\$1,000,000 to \$1,999,000.....	14,384	20,152	1,524,396	LEGAL FORM OF ORGANIZATION			
\$2,000,000 to \$4,999,000.....	7,778	23,589	1,519,702	All establish-ments.....	285,996	284,971	13,198,744
\$5,000,000 to \$9,999,000.....	2,112	14,455	741,042	Individual proprie-torships.....	78,428	24,335	977,028
\$10,000,000 and over.....	976	23,276	705,274	Partnerships.....	37,601	25,625	903,904
Not operated entire year.....	5,049	1,751	115,615	Corporations.....	162,184	225,124	10,997,160
EMPLOYMENT SIZE				Cooperatives.....	7,005	9,002	285,052
All establish-ments.....	285,996	284,971	13,198,744	Other legal forms.....	778	885	35,600
With Nov. 15 employ-ment of—							
1 paid employee.....	71,327	12,552	253,271				
2 paid employees.....	34,997	11,681	209,366				
3 paid employees.....	30,258	12,434	400,917				

<sup>1</sup> Available for merchant wholesalers only.

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Business: 1958, Wholesale Trade, Vol. III.*

# No. 1179. WHOLESALE TRADE—TYPE OF OPERATION AND KIND OF BUSINESS: 1954 AND 1958

[Excludes Alaska and Hawaii]

TYPE OF OPERATION AND KIND OF BUSINESS	TOTAL WHOLESALE TRADE						MERCHANT WHOLESALERS	
	Establishments	Sales	Payroll, entire year	Payroll, workweek ended nearest Nov. 15	Paid employees, workweek ended nearest Nov. 15	Active proprietors of unincorporated businesses	Establishments	Sales
1954 <sup>1</sup>		Mil. dol.	Mil. dol.	\$1,000				Mil. dol.
Wholesale trade, total.....	252,318	234,974	11,021	216,084	2,590,236	151,213	165,153	101,101
TYPE OF OPERATION								
Merchant wholesalers.....	165,153	101,101	7,018	137,000	1,686,501	105,270	-----	-----
Manufacturers' sales branches, sales offices.....	22,590	69,534	2,605	51,605	515,876	110	-----	-----
Petroleum bulk stations, terminals, LP gas facilities.....	20,180	16,038	540	10,628	132,554	22,206	-----	-----
Merchandise agents, brokers.....	22,151	39,251	531	10,091	131,308	17,287	-----	-----
Assemblers of farm products.....	13,255	9,051	328	6,671	123,997	6,340	-----	-----
KIND OF BUSINESS								
Motor vehicles, automotive equipment.....	17,386	14,341	806	15,952	192,063	10,583	15,540	3,978
Drugs, chemicals, allied products.....	8,543	12,782	595	11,809	127,813	2,937	5,837	3,370
Dry goods, apparel.....	12,029	13,240	530	10,063	105,624	7,323	9,389	5,690
Groceries and related products.....	42,162	44,057	1,819	35,181	493,182	30,610	29,795	22,058
Farm products—raw materials.....	16,088	26,900	359	7,420	133,787	9,244	3,853	9,232
Electrical goods.....	10,159	12,743	791	14,375	151,198	4,373	7,123	0,338
Hardware; plumbing, heating equip., supplies.....	9,702	6,224	548	10,542	123,522	4,099	8,043	4,882
Machinery, equipment, supplies.....	20,268	13,513	1,197	23,414	257,811	16,155	25,200	9,556
Metals, minerals (except petroleum products, scrap).....	6,743	19,551	501	9,836	94,566	2,107	3,935	4,157
Petroleum bulk stations, terminals.....	20,180	16,038	540	10,628	132,554	22,206	-----	-----
Scrap, waste materials.....	8,237	2,491	226	4,402	68,142	7,677	8,189	2,406
Tobacco, tobacco products.....	3,039	4,830	121	2,286	32,250	2,466	2,858	3,209
Beer, wine, distilled alcoholic beverages.....	7,566	7,843	402	7,791	84,653	5,102	7,309	5,687
Paper, paper products, except wall-paper.....	5,722	5,483	323	6,278	68,688	2,889	4,804	2,915
Furniture, home furnishings.....	6,069	3,345	257	4,886	55,911	3,538	4,816	2,082
Lumber, construction materials.....	12,407	10,513	694	13,897	155,146	5,647	10,814	6,586
Other miscellaneous products.....	28,019	21,079	1,374	27,354	313,326	13,357	17,999	8,957
1958 <sup>1</sup>								
Wholesale trade, total.....	285,996	284,971	13,199	269,113	2,797,341	157,462	189,728	121,661
TYPE OF OPERATION								
Merchant wholesalers.....	189,728	121,661	8,244	167,881	1,834,474	119,698	-----	-----
Manufacturers' sales branches, sales offices.....	25,181	87,757	3,225	65,935	550,881	488	-----	-----
Petroleum bulk stations, terminals, LP gas facilities.....	30,424	20,131	649	12,880	139,366	7,985	-----	-----
Merchandise agents, brokers.....	26,567	46,423	745	14,957	148,395	21,202	-----	-----
Assemblers of farm products.....	14,090	8,999	336	7,450	115,225	8,089	-----	-----
KIND OF BUSINESS								
Motor vehicles, automotive equipment.....	23,054	23,488	1,132	23,263	244,259	14,933	20,823	7,008
Drugs, chemicals, allied products.....	10,257	16,577	760	15,240	144,030	3,621	7,097	4,611
Dry goods, apparel.....	12,014	13,674	558	11,426	110,124	6,995	9,199	5,901
Groceries and related products.....	42,555	49,061	1,994	40,737	478,443	32,063	30,022	25,201
Farm products—raw materials.....	17,311	28,554	390	8,658	115,896	11,099	4,195	9,594
Electrical goods.....	13,228	16,444	955	18,842	179,073	5,260	9,488	7,928
Hardware; plumbing, heating equipment, supplies.....	11,485	7,913	665	13,157	136,066	5,520	9,492	5,920
Machinery, equipment, supplies.....	41,623	26,740	2,275	46,486	435,686	18,577	30,627	12,647
Metals, minerals (except petroleum products, scrap).....	7,466	22,104	605	12,490	105,336	2,223	4,792	5,541
Petroleum bulk stations, terminals.....	30,424	20,131	649	12,880	139,366	7,985	-----	-----
Scrap, waste materials.....	9,642	3,120	269	5,596	73,789	9,068	9,491	2,898
Tobacco, tobacco products.....	2,053	5,439	138	2,507	33,093	2,304	2,769	3,668
Beer, wine, distilled alcoholic beverages.....	7,829	8,726	404	8,997	87,199	5,633	7,325	6,530
Paper, paper products, except wall-paper.....	6,512	6,659	409	8,291	79,728	2,870	5,182	3,564
Furniture, home furnishings.....	6,946	4,814	328	6,796	69,077	3,090	5,359	2,510
Lumber, construction materials.....	11,689	10,551	591	12,655	126,884	5,147	9,463	6,272
Other miscellaneous products.....	31,008	22,046	1,019	21,003	238,292	19,656	24,414	11,748

<sup>1</sup> 1954 includes, and 1958 excludes, ready-mixed concrete distributors.

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Business: 1958, Wholesale Trade*, Vol. III.

## No. 1180. SELECTED SERVICES, BY KIND OF BUSINESS: 1958

[Excludes Alaska and Hawaii]

KIND OF BUSINESS	ESTABLISHMENTS		RECEIPTS		Payroll, entire year	Paid employees, work-week ended nearest Nov. 15	Active proprietors of unincorporated businesses
	Total	With payroll	Total, all establishments	Establishments with payroll			
			Mill. dol.	Mill. dol.	\$1,000		
<b>Selected services.....</b>	<b>975,250</b>	<b>442,584</b>	<b>32,376</b>	<b>29,001</b>	<b>9,006,240</b>	<b>2,889,183</b>	<b>991,817</b>
<b>Hotels, motels, tourist courts, camps.....</b>	<b>85,580</b>	<b>48,304</b>	<b>3,888</b>	<b>3,609</b>	<b>1,144,904</b>	<b>502,265</b>	<b>89,926</b>
Hotels.....	20,203	20,715	2,794	2,723	956,667	403,789	28,243
Year-round hotels:							
25 or more guest rooms.....	(1)	11,141	(1)	2,363	851,807	301,599	8,899
Less than 25 guest rooms.....	(1)	5,600	(1)	119	81,254	19,375	6,022
Seasonal hotels.....	(1)	3,974	(1)	241	73,000	22,818	3,489
Motels, tourist courts.....	41,332	21,810	850	702	130,881	75,880	45,709
Trailer parks.....	8,110	2,356	103	59	12,024	4,999	9,114
Sporting, recreational camps.....	6,935	3,923	141	124	36,332	17,617	6,770
<b>Personal services.....</b>	<b>411,507</b>	<b>181,597</b>	<b>7,394</b>	<b>6,200</b>	<b>2,447,346</b>	<b>919,476</b>	<b>429,535</b>
Laundries, dry, serv., cleaning, dyeing plants.....	67,920	52,296	3,300	3,185	1,447,991	554,493	70,403
Power laundries, self-service laundries.....	23,692	16,268	1,153	1,096	563,047	230,947	25,122
Industrial laundries.....	752	688	233	233	80,778	25,103	378
Linen supply.....	1,588	1,474	433	432	164,280	51,367	711
Diaper service.....	385	350	44	44	18,159	5,315	299
Laundries, exc. power and self-service.....	7,192	2,702	79	54	15,614	8,402	8,109
Cleaning, dyeing plants.....	34,311	30,805	1,357	1,327	597,113	230,359	35,793
Cleaning, dyeing plants, exc. rug cleaning.....	31,805	29,475	1,288	1,265	572,149	223,250	35,186
Rug cleaning, repairing plants.....	2,506	1,330	70	62	24,964	7,109	2,307
Beauty shops, incl. combination beauty, barber.....	110,395	44,953	1,028	786	342,057	140,330	115,070
Barber shops.....	105,056	37,744	733	474	218,457	70,183	111,676
Photo studios, incl. commercial photography.....	20,028	7,632	423	338	105,538	31,692	20,599
Shoe repair, shoeshine, hat cleaning shops.....	27,775	7,361	232	124	36,969	17,881	28,066
Funeral service, crematories.....	20,767	14,441	1,016	911	190,132	52,738	21,360
Pressing, alter., garment rpr.; fur rpr., strge.....	39,284	12,978	407	235	58,805	28,320	41,874
Cleaning, pressing shops.....	35,061	11,209	368	202	49,098	23,944	38,030
Garment repair, alteration.....	2,232	1,086	15	12	4,263	2,305	2,352
Fur repair, storage.....	1,091	683	24	21	5,444	2,011	1,042
Miscellaneous personal services.....	20,282	4,192	205	146	47,397	18,335	20,387
Turkish baths, massage, reducing salons.....	2,866	830	31	28	7,690	3,218	2,790
Costume, dress suit rental.....	687	455	25	23	5,061	1,883	655
Rug, furniture cleaning on location.....	931	419	16	13	5,125	1,484	945
Coin-operated service machine establishments.....	433	217	16	14	3,224	859	365
Checkroom concessions.....	401	259	7	7	2,408	2,209	943
Other.....	14,964	2,012	110	67	22,989	8,682	15,259
<b>Miscellaneous business services.....</b>	<b>113,923</b>	<b>55,103</b>	<b>9,897</b>	<b>9,493</b>	<b>2,578,372</b>	<b>616,526</b>	<b>103,125</b>
Advertising.....	12,180	7,286	4,926	4,877	3,677,201	110,895	9,779
Credit bureaus, collection agencies.....	6,883	5,019	341	331	160,674	47,062	5,073
Duplicating, mailing list, steno. service.....	8,520	2,848	222	192	78,989	28,411	8,564
Blueprinting, photocopying services.....	1,360	1,212	154	152	48,072	12,287	1,031
Services to dwellings, other buildings.....	17,400	8,078	498	451	246,801	91,127	17,319
News syndicates.....	808	312	99	96	45,172	6,627	715
Private employment agencies.....	3,892	2,746	101	93	40,418	10,783	3,657
Research, development laboratories.....	1,043	835	442	440	207,797	36,309	546
Testing laboratories.....	960	854	93	92	43,259	9,747	807
Business, management consulting services.....	12,765	5,003	653	593	250,526	46,808	11,729
Detective agencies, protective services.....	2,831	1,525	177	170	107,096	42,145	2,491
Interior decorating.....	4,191	671	70	35	8,672	2,278	4,474
Sign painting shops.....	7,110	1,790	84	54	19,103	5,037	7,450
Equipment rental.....	5,329	3,161	327	306	91,097	20,057	4,463
Auctioneers, establishments (service only).....	2,069	311	38	23	6,058	1,842	2,160
Coin-operated machine rental, repair services.....	221	133	12	11	2,821	476	212
Photofinishing laboratories.....	1,907	1,289	265	261	75,271	19,727	1,665
Telephone answering.....	1,656	1,278	46	44	20,227	9,408	1,453
Window display services.....	1,213	257	17	10	3,673	659	1,222
Trading stamp establishments.....	787	777	372	372	68,416	7,765	56
Water softening services.....	1,298	1,032	60	57	18,318	4,568	1,188
Other.....	19,380	8,686	901	831	358,811	95,311	17,426
<b>Auto repair, auto services, garages.....</b>	<b>125,240</b>	<b>65,160</b>	<b>3,853</b>	<b>3,309</b>	<b>853,822</b>	<b>255,891</b>	<b>132,159</b>
Auto repair shops.....	103,724	50,172	2,750	2,262	595,543	170,463	115,030
General auto repair.....	70,407	30,021	1,574	1,194	293,877	89,161	78,737
Top, body repair.....	14,349	7,801	397	340	119,443	31,634	16,182
Battery, ignition repair and service.....	1,899	1,237	63	57	14,117	4,090	2,022
Radiator repair.....	3,147	1,539	68	55	14,877	4,480	3,473
Tire repair.....	4,009	2,891	297	285	52,081	14,847	4,119
Paint shops.....	2,991	2,105	88	82	29,705	8,292	3,235
Glass replacement, repair.....	1,349	1,007	69	65	15,037	3,792	1,454

<sup>1</sup> Not available.<sup>2</sup> Revised figure, 25,374.<sup>3</sup> Revised figure, 652,201.

## No. 1180. SELECTED SERVICES, BY KIND OF BUSINESS: 1958—Continued

KIND OF BUSINESS	ESTABLISHMENTS		RECEIPTS		Payroll, entire year	Paid employees, work-week ended nearest Nov. 15	Active proprietors of unincorporated businesses
	Total	With payroll	Total, all establishments	Establishments with payroll			
<b>Auto repair, etc.—Continued</b>			<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>\$1,000</i>		
Auto repair shops—Continued							
Brake repair.....	1,080	802	59	56	16,466	3,714	1,128
Wheel, axle, spring repair.....	1,239	957	51	48	17,302	4,112	1,278
Other auto repair shops.....	3,254	1,722	92	79	22,638	6,449	3,421
Auto parking.....	10,998	8,500	306	349	106,828	35,419	7,907
Auto, truck rentals, without drivers; lease services.....	4,714	2,842	4 578	4 568	94,072	20,194	3,188
Auto services, except repair.....	5,804	3,586	150	136	57,879	29,815	6,025
<b>Miscellaneous repair services.....</b>	<b>144,759</b>	<b>37,283</b>	<b>2,262</b>	<b>1,681</b>	<b>500,720</b>	<b>133,596</b>	<b>152,147</b>
Electrical repair shops.....	51,260	12,191	763	498	150,172	40,140	54,214
Radio, television repair.....	37,884	8,082	478	287	84,408	23,532	40,404
Refrigerator service, repair.....	5,748	1,378	97	50	17,016	3,879	6,065
Other electrical repair shops.....	7,637	2,731	188	153	48,748	12,720	7,745
Watch, clock, jewelry repair.....	11,651	1,801	100	43	13,466	4,355	12,042
Reupholstery, furniture repair.....	15,823	5,619	226	162	48,847	16,036	17,093
Miscellaneous repair shops, related services.....	66,016	17,672	1,173	877	288,235	73,065	68,798
Armature rewinding, elec. motor rpr., rebdg.	3,442	2,312	226	217	72,204	16,085	3,390
Locksmith, gunsmith shops.....	2,468	770	28	17	4,655	1,421	2,307
Musical instrument repair.....	3,503	365	22	8	2,538	832	3,277
Farm machinery, equipment repair.....	1,152	730	27	24	5,873	1,781	1,227
Lawnmower, saw, knife, tool sharpening rpr.	4,230	990	50	34	9,047	2,758	4,521
Welding repair.....	11,118	3,400	190	139	41,710	11,004	11,854
Typewriter repair.....	716	294	12	9	2,734	763	775
Other misc. repair shops, related services.....	39,387	8,811	617	427	148,514	38,421	41,138
<b>Motion pictures.....</b>	<b>19,545</b>	<b>17,497</b>	<b>2,421</b>	<b>2,401</b>	<b>714,709</b>	<b>196,169</b>	<b>11,959</b>
Motion picture production, distr., services.....	3,191	2,421	1,249	1,243	443,248	63,569	1,645
Motion picture theaters.....	16,354	15,076	1,172	1,159	271,461	142,000	10,414
Motion picture theaters, except drive-in.....	12,291	11,271	938	928	224,423	117,587	7,767
Drive-in motion picture theaters.....	4,063	3,805	234	230	47,038	25,013	2,647
<b>Amusement, recreation services, except motion pictures.....</b>	<b>74,696</b>	<b>37,640</b>	<b>2,661</b>	<b>2,407</b>	<b>766,367</b>	<b>265,260</b>	<b>72,966</b>
Dance halls, studios, schools, incl. children's....	6,860	3,641	125	108	41,420	21,756	7,251
Dance halls.....	8,875	547	27	25	7,892	5,275	920
Children's dance schools.....	2,893	1,917	26	21	6,521	5,352	2,984
Other dance schools.....	3,101	1,177	72	63	27,016	11,129	3,347
Bands, orchestras, entertainers.....	14,655	6,210	181	134	74,504	35,880	13,703
Dance bands, orchestras, exc. symphony.....	6,750	5,274	82	75	40,194	26,770	5,682
Entertainers (radio, TV), excl. classical.....	7,444	736	70	32	11,758	3,340	7,777
Symphony orchestras, opera, ballet companies.....	193	107	24	23	20,121	4,948	112
Other classical music groups.....	268	102	5	4	2,431	813	232
Theatrical presentations, services.....	3,212	1,702	291	280	117,708	18,379	2,083
Bowling, billiards, pool.....	13,916	9,292	505	471	128,557	75,031	14,340
Billiard, pool parlors.....	7,045	3,053	72	46	10,431	6,282	7,802
Bowling establishments.....	6,871	0,230	433	426	118,126	68,749	6,638
Commercial sports.....	6,028	1,744	542	512	132,411	30,507	5,916
Baseball, football clubs, promoters.....	6,752	456	121	119	48,320	7,800	457
Baseball clubs.....	200	190	55	55	27,114	2,346	33
Football clubs.....	20	16	15	15	6,552	934	7
Managers of individual sports contestants.....	84	6	1	1	180	10	81
Other sports clubs, promoters.....	448	274	50	48	14,474	4,501	336
Racetrack operation, incl. racing stables.....	5,276	1,268	422	393	84,001	22,707	5,459
Automobile racing.....	578	292	16	15	2,147	1,841	433
Dog racing.....	240	111	39	38	0,146	1,881	222
Horse racing.....	4,449	855	366	341	72,798	18,985	4,804
Public golf courses.....	851	647	39	37	11,143	3,273	776
Golf clubs, country clubs.....	1,213	1,091	98	96	34,397	11,446	486
Other commercial recreation.....	9,530	4,710	153	122	33,000	17,459	9,762
Swimming pools.....	1,031	775	20	18	5,312	2,954	821
Skating rinks.....	2,254	1,148	41	33	9,212	5,875	2,456
Boat, canoe rentals.....	1,736	502	18	11	2,400	991	1,873
Bathing beaches.....	500	422	14	14	3,097	1,518	360
Riding academies.....	861	399	12	9	2,390	1,092	828
Other.....	3,148	1,404	40	37	10,670	5,029	3,424
<b>Other commercial amusements.....</b>	<b>18,422</b>	<b>8,534</b>	<b>726</b>	<b>647</b>	<b>192,219</b>	<b>51,529</b>	<b>18,040</b>
Amusement parks, devices.....	3,682	1,936	127	114	40,468	12,066	3,425
Carnivals, circuses.....	801	333	37	34	8,313	2,672	791
Fairs.....	320	270	14	14	3,772	1,341	87
Tourist attractions.....	218	176	17	17	4,047	1,330	168
Coin-operated amusement devices.....	5,264	2,904	229	205	42,591	10,110	5,464
Other.....	8,137	2,855	302	264	92,428	24,001	8,114

\* Revised figure, 616.    \* Revised figure, 601.

Source: Department of Commerce, Bureau of the Census; U.S. Census of Business: 1958, Selected Services, Vol. VI.

[Discrepancies in figures identified after the tabulation process was completed have been

STATE	Estab-lish-ments	Receipts	Payroll, entire year	Paid em-ployees, workweek ended nearest Nov. 15	Active proprie-tors of unincor-porated busi-nesses	KIND-OF-BUSINESS GROUP	
						Hotels, motels, tourist courts, camps	
						Estab-lish-ments	Receipts
		\$1,000	\$1,000			\$1,000	
United States.....	979,195	32,595,593	9,045,596	2,904,156	995,834	85,890	3,923,756
New England.....	61,703	1,612,580	460,699	160,064	58,858	5,683	228,144
Maine.....	6,333	118,797	30,769	13,322	6,121	1,519	36,663
New Hampshire.....	4,561	94,078	24,497	9,019	4,472	1,233	32,477
Vermont.....	2,670	48,206	11,603	4,747	2,593	730	17,553
Massachusetts.....	29,008	865,897	248,870	84,349	28,015	1,421	97,964
Rhode Island.....	5,043	117,553	32,899	12,580	4,850	100	8,336
Connecticut.....	13,188	368,044	112,061	36,047	12,807	614	34,651
Middle Atlantic.....	203,106	9,414,195	2,440,370	688,055	199,450	19,773	892,348
New York.....	109,328	6,712,803	1,682,739	437,382	104,559	5,349	590,223
New Jersey.....	33,157	1,036,982	310,164	97,549	32,262	1,857	116,142
Pennsylvania.....	60,621	1,604,410	447,467	153,124	62,620	3,067	180,483
East North Central.....	188,249	6,557,322	1,781,435	549,627	191,571	13,418	613,028
Ohio.....	50,803	1,532,285	433,072	139,922	50,410	2,408	137,719
Indiana.....	23,928	534,199	148,706	55,540	24,640	1,476	86,637
Illinois.....	54,913	2,611,669	700,168	196,197	50,403	2,618	238,625
Michigan.....	38,521	1,379,788	337,836	109,663	40,152	3,750	108,527
Wisconsin.....	20,024	499,381	136,653	43,305	19,960	3,206	70,120
West North Central.....	88,787	2,125,984	544,228	204,053	91,993	9,583	281,382
Minnesota.....	18,474	528,535	135,593	46,384	18,812	3,257	80,031
Iowa.....	15,057	300,923	72,099	29,963	15,578	1,040	36,014
Missouri.....	25,749	744,677	205,151	71,389	26,609	2,166	88,649
North Dakota.....	3,079	55,755	12,862	5,752	3,267	410	11,684
South Dakota.....	4,272	67,454	14,525	6,669	4,400	770	13,259
Nebraska.....	8,797	191,839	46,823	19,145	9,071	792	25,274
Kansas.....	13,350	236,801	57,175	24,751	14,166	1,148	20,471
South Atlantic.....	118,987	3,496,842	1,004,829	396,162	119,965	12,667	622,348
Delaware.....	2,262	67,772	17,926	6,018	2,182	157	7,376
Maryland.....	13,374	421,618	125,365	51,904	13,000	632	31,736
District of Columbia.....	5,566	303,051	104,137	33,221	5,202	120	59,800
Virginia.....	15,122	471,529	146,060	55,513	15,225	1,405	69,915
West Virginia.....	7,269	179,327	53,618	19,372	7,228	503	22,900
North Carolina.....	18,430	413,512	113,555	52,186	18,015	1,384	48,573
South Carolina.....	8,545	180,812	47,061	22,787	8,763	766	23,120
Georgia.....	15,868	492,407	119,263	51,187	16,274	1,114	51,370
Florida.....	32,561	1,026,814	277,816	103,974	33,126	6,606	305,508
East South Central.....	46,492	1,093,830	308,149	130,210	48,864	3,467	131,834
Kentucky.....	12,707	290,557	77,452	30,382	13,615	924	35,075
Tennessee.....	15,053	402,001	123,445	48,468	15,717	1,124	45,245
Alabama.....	11,534	255,584	70,445	32,610	11,929	837	28,639
Mississippi.....	7,198	145,688	36,807	18,750	7,603	582	24,875
West South Central.....	95,196	2,227,891	665,494	244,727	99,159	7,593	268,357
Arkansas.....	9,180	151,036	36,694	18,700	9,812	1,027	25,091
Louisiana.....	13,675	336,988	107,660	42,724	13,845	1,879	48,189
Oklahoma.....	15,906	301,720	75,014	30,488	16,737	1,251	32,807
Texas.....	56,435	1,388,147	385,226	152,815	58,765	4,436	162,770
Mountain.....	42,481	1,322,475	379,462	125,809	44,991	8,829	331,854
Montana.....	4,119	81,068	19,858	8,022	4,386	1,090	24,228
Idaho.....	3,954	81,738	19,223	7,552	4,174	773	18,665
Wyoming.....	2,583	57,437	15,089	5,369	2,803	761	22,509
Colorado.....	11,544	323,423	90,168	31,146	12,150	2,198	58,885
New Mexico.....	5,225	141,638	41,032	14,037	5,572	1,073	27,596
Arizona.....	7,742	212,060	56,645	21,878	8,201	1,536	51,803
Utah.....	4,689	124,514	30,976	11,373	4,870	623	19,332
Nevada.....	2,625	299,107	106,451	26,432	2,835	775	108,806
Pacific.....	134,194	4,654,474	1,520,930	495,449	140,983	13,877	553,961
Washington.....	16,575	436,928	120,624	40,056	17,184	2,255	68,954
Oregon.....	10,699	276,055	72,409	24,165	11,382	1,558	39,746
California.....	102,975	3,811,907	1,288,541	326,255	108,400	9,764	409,619
Alaska.....	875	28,442	8,536	2,344	996	174	7,835
Hawaii.....	3,070	101,142	30,820	12,629	3,021	136	27,804

<sup>1</sup> Excludes accounting, auditing, and bookkeeping.<sup>2</sup> Includes motion pictures.<sup>3</sup> Revised figure, 459,937.<sup>4</sup> Revised figure, 94,286.



## SUMMARY, BY STATES: 1958

corrected only at the level significantly affected; hence, detail may not add to total

KIND-OF-BUSINESS GROUP—Continued										STATE
Personal services		Miscellaneous business services <sup>1</sup>		Auto repair, auto services, garages		Miscellaneous repair services		Amusement, recreation services <sup>2</sup>		
Estab-lish-ments	Receipts	Estab-lish-ments	Receipts	Estab-lish-ments	Receipts	Estab-lish-ments	Receipts	Estab-lish-ments	Receipts	
413,180	\$1,000	114,450	\$1,000	125,691	\$1,000	145,163	\$1,000	94,821	\$1,000	
27,669	453,531	7,414	366,092	6,722	215,459	8,401	124,559	5,814	224,795	U. S.
2,246	27,755	364	11,514	869	22,014	723	7,737	612	13,114	N. E.
1,583	20,438	340	8,005	478	14,098	514	4,843	413	13,114	Maine.
841	10,359	171	3,357	372	8,058	311	3,013	230	5,866	N.H.
14,545	244,680	3,967	220,178	2,963	97,789	4,146	99,091	2,876	127,105	Vt.
2,559	37,715	570	24,716	555	15,473	724	9,594	465	21,224	Mass.
5,895	112,584	2,012	89,322	1,475	58,027	1,983	30,281	1,209	43,179	R.I.
94,899	1,759,982	28,693	3,866,257	22,579	782,799	27,730	487,616	18,432	1,624,693	Conn.
50,836	1,007,440	18,671	3,181,024	9,618	385,660	14,339	264,221	10,015	1,278,235	M.A.
14,974	299,612	4,333	250,146	3,939	133,129	4,883	93,449	3,170	142,774	N.Y.
29,089	452,930	5,689	435,087	9,022	264,010	8,508	129,946	5,246	201,954	N.J.
81,894	1,560,600	22,067	2,397,593	22,657	723,889	28,862	424,362	19,351	837,850	Pa.
22,106	398,556	5,722	439,100	6,668	208,933	8,125	115,094	5,684	232,883	E.N.C.
10,979	181,345	2,096	90,044	3,288	84,189	3,680	44,811	2,409	77,173	Ohio.
20,622	532,691	7,780	1,181,653	5,643	223,084	8,064	140,378	5,186	291,601	Ind.
15,855	311,870	4,546	561,753	4,703	147,434	5,680	82,291	3,977	166,513	Ill.
7,232	136,138	1,923	125,043	2,355	60,249	3,313	41,788	2,995	60,043	Mich.
34,379	543,284	7,747	512,419	13,069	328,214	14,958	181,722	9,111	278,963	Wis.
6,290	113,226	1,797	170,427	2,400	65,123	2,877	38,138	1,853	61,590	W.N.C.
6,160	89,294	1,207	49,003	2,263	53,145	2,848	29,330	1,539	44,137	Minn.
10,811	188,038	2,038	210,392	3,834	112,751	4,000	56,872	2,300	87,975	Iowa.
1,070	14,804	206	7,229	466	9,087	584	5,731	343	7,220	Mo.
1,370	17,077	271	7,327	631	11,438	650	5,024	350	12,429	N. Dak.
3,369	48,293	670	33,008	1,405	31,246	1,623	16,931	1,038	31,187	S. Dak.
5,309	72,592	958	29,133	2,010	45,424	2,476	28,706	1,458	34,425	Nebr.
49,719	934,542	11,487	651,453	15,868	496,239	16,753	276,417	12,493	515,843	Kans.
1,034	17,934	257	11,346	244	11,147	282	4,289	288	15,680	S.A.
6,072	120,239	1,426	99,049	1,694	45,969	1,902	33,407	1,558	81,168	Del.
2,726	67,290	1,220	87,017	537	28,911	525	14,882	438	44,251	Md.
6,575	133,974	1,259	119,489	1,995	63,047	2,235	36,221	1,652	49,883	D.O.
3,279	52,575	515	30,483	994	23,543	1,043	19,730	935	30,096	Va.
8,502	147,664	1,103	46,604	3,052	76,364	2,707	39,741	1,702	54,566	W. Va.
3,807	60,944	505	23,385	1,430	36,594	1,206	15,612	831	21,257	N.C.
7,205	127,332	1,329	78,458	2,505	70,870	2,322	37,494	1,383	57,874	S.C.
10,519	206,590	3,873	164,722	3,416	123,785	4,441	75,141	3,706	161,068	Ga.
20,629	350,358	3,456	194,992	7,004	176,281	7,208	99,010	4,728	141,355	Fla.
5,387	94,455	986	40,889	1,071	46,825	2,001	25,114	1,438	48,199	E.S.C.
6,431	119,818	1,326	103,096	2,271	58,402	2,362	31,377	1,539	46,063	Ky.
5,351	85,418	765	36,653	1,832	50,266	1,099	25,885	1,050	29,723	Tenn.
3,460	50,667	379	15,354	930	20,788	1,146	16,634	701	17,370	Ala.
39,338	613,815	8,736	450,137	14,614	362,319	16,222	254,788	8,093	278,475	Miss.
3,962	47,937	526	14,488	1,300	25,671	1,402	10,090	873	21,789	W.S.C.
5,757	93,675	1,242	83,269	1,903	52,764	2,374	49,010	1,520	60,091	Ark.
6,950	87,756	1,259	50,261	2,454	54,812	2,661	36,921	1,331	39,663	La.
23,269	384,447	5,709	302,119	8,867	229,082	9,785	162,767	4,369	166,952	Okla.
13,789	247,271	4,182	183,962	5,547	172,230	6,066	90,373	4,068	296,785	Tex.
1,338	20,262	206	8,050	507	12,746	523	5,819	305	10,853	Mt.
1,327	20,852	326	10,111	491	14,168	606	7,990	341	9,946	Mont.
709	12,105	171	4,225	261	5,093	398	6,359	283	6,246	Idaho.
3,850	69,748	1,337	58,602	1,573	53,064	1,627	23,600	1,059	59,544	Wyo.
1,692	20,544	481	35,013	754	20,714	701	11,280	464	16,591	Colo.
2,451	48,692	880	31,003	1,063	36,028	1,089	18,642	723	26,492	N. Mex.
1,686	28,040	443	24,266	662	19,954	843	12,027	432	20,245	Ariz.
736	18,028	278	11,792	236	9,563	229	4,050	371	146,868	Utah.
50,264	958,623	20,668	1,294,723	17,691	611,618	18,963	330,891	12,731	904,658	Nev.
6,184	109,680	1,678	85,180	2,385	71,082	2,486	38,985	1,537	63,047	Pac.
3,706	66,780	1,188	58,949	1,475	47,385	1,762	29,358	1,010	33,834	Wash.
38,701	754,413	17,275	1,129,639	13,380	477,049	14,311	255,084	9,554	786,112	Oreg.
227	6,860	147	3,885	103	3,413	114	2,402	110	4,047	Calif.
1,446	20,890	380	17,079	348	12,689	290	5,062	470	17,618	Alaska.
										Hawaii.

Source: Department of Commerce, Bureau of the Census; U.S. Census of Business: 1958, Selected Services, Vol. V.

# No. 1182. SELECTED SERVICES—SIZE OF ESTABLISHMENT AND LEGAL FORM OF ORGANIZATION: 1958

[Excludes Alaska and Hawaii. Discrepancies in figures identified after the tabulation process was completed have been corrected only at the level significantly affected; hence, detail may not add to total]

ITEM	Estab- lish- ments	Receipts	Payroll, entire year	PAYROLL, WORK- WEEK ENDED NEAREST NOV. 15		PAID EMPLOYEES, WORKWEEK ENDED NEAREST NOV. 15		Active proprietors of unincor- porated busi- nesses
				Total	Full work- week	Total	Full work- week	
All establishments.....	975,250	<i>Mil. dol.</i> 32,376	<i>\$1,000</i> 9,006,240	<i>\$1,000</i> 166,801	<i>\$1,000</i> 156,480	2,889,183	2,506,508	991,817
RECEIPTS SIZE <sup>1</sup>								
Operated entire year.....	910,019	30,720	8,543,270	157,914	147,994	2,692,450	2,324,808	887,538
With annual receipts of—								
Less than \$2,000.....	5,074	11,124	3,023,138	53,338	50,869	715,056	643,521	1,234
\$2,000.....	5,590	2,125	774,019	13,088	12,932	217,667	101,994	1,802
\$3,000 to \$4,000.....	32,622	5,275	1,811,098	33,060	31,070	563,224	496,284	18,532
\$5,000 to \$9,000.....	50,258	3,475	1,128,015	21,344	19,922	394,765	339,139	41,036
\$10,000 to \$14,000.....	86,957	2,538	699,953	13,495	12,535	285,592	225,291	85,018
\$15,000 to \$19,000.....	72,894	1,743	434,916	8,424	7,776	172,658	140,165	74,203
\$20,000 to \$29,000.....	63,127	1,061	231,508	4,544	4,140	102,678	84,484	64,992
\$30,000 to \$49,000.....	104,872	1,234	203,402	4,449	3,987	109,379	88,041	107,583
\$50,000 to \$99,000.....	206,738	1,380	140,484	3,315	2,839	96,339	73,984	209,835
\$100,000 to \$299,000.....	152,063	526	25,330	718	598	24,631	18,107	153,653
\$300,000 to \$499,000.....	96,705	193	9,363	295	227	10,301	7,205	97,493
\$500,000 and over.....	52,219	52	61,434	1,243	1,108	10,152	7,593	52,102
Not operated entire year.....	65,231	1,660	462,970	8,888	8,486	196,733	181,700	104,279
EMPLOYMENT SIZE								
Operated entire year.....	910,019	30,726	8,543,270	157,914	147,994	2,692,450	2,324,808	887,538
With Nov. 15 employment of—								
No paid employee.....	519,820	3,515	88,192	5,528	5,079	116,776	101,041	544,807
1 paid employee.....	116,776	1,647	387,351	8,236	7,637	166,862	142,931	114,399
2 paid employees.....	83,431	1,807	473,881	7,719	7,205	174,939	126,108	80,571
3 paid employees.....	49,312	1,525	423,580	11,629	10,913	214,747	183,020	46,366
4 or 5 paid employees.....	48,332	2,143	627,401	8,931	8,393	159,780	137,267	42,957
6 or 7 paid employees.....	24,900	1,573	481,102	7,233	6,837	128,638	111,015	19,002
8 or 9 paid employees.....	15,279	1,245	390,149	13,303	12,413	235,021	201,929	11,129
10 to 14 paid employees.....	20,454	2,266	716,025	9,200	8,595	163,789	139,296	12,987
15 to 19 paid employees.....	0,815	1,572	488,009	26,398	24,979	449,615	387,850	5,414
20 to 49 paid employees.....	15,305	4,193	1,388,755	16,632	15,551	272,211	235,679	7,139
50 to 99 paid employees.....	4,019	2,565	558,732	43,085	40,711	634,075	568,372	1,351
100 or more paid employees.....	2,376	6,672	2,225,053	8,888	8,486	196,733	181,700	516
Not operated entire year.....	65,231	1,660	462,970					104,279
SINGLE UNITS AND MULTIUNITS								
Single units.....	928,078	23,224	6,396,668	118,681	110,926	2,167,060	1,874,001	965,899
2-establishment multiunits.....	17,040	1,844	590,114	11,145	10,583	173,079	158,456	14,861
3-establishment multiunits.....	5,799	953	254,137	5,072	4,809	74,138	65,933	4,339
4- or 5-establishment multiunits.....	4,018	1,194	321,077	5,749	5,490	81,533	73,311	2,892
6- to 10-establishment multiunits.....	4,475	1,476	328,737	6,132	5,891	82,730	74,322	2,052
11-establishment or more multiunits.....	14,940	2,686	1,114,907	20,022	18,908	305,643	260,485	1,771
LEGAL FORM OF ORGANIZATION								
Individual proprietorships.....	785,371	10,295	2,224,350	43,005	39,720	897,088	756,366	793,323
Partnerships.....	96,599	3,940	1,057,313	19,548	18,258	388,251	335,768	198,494
Corporations.....	90,527	17,945	5,637,375	102,614	97,024	1,681,229	1,394,816	-----
Cooperatives.....	899	78	38,437	684	654	9,262	8,179	-----
Other legal forms.....	944	117	48,765	951	923	12,753	11,379	-----

<sup>1</sup> Establishments classified by receipts-size group after reported receipts figures had been rounded to nearest \$1,000.

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Business: 1958, Selected Services*, Vol. V.

**No. 1183. MOTION PICTURE THEATERS—ESTABLISHMENTS, RECEIPTS, PAYROLL,  
AND EMPLOYEES OF REGULAR THEATERS, BY STATES: 1954 AND 1958**

STATE	1954					1958				
	Estab- lish- ments	Receipts <sup>1</sup> (\$1,000)	Payroll entire year (\$1,000)	Paid em- ployees, work- week ended nearest Nov. 15	Active propriet- ors of un- incorpor- ated busi- nesses	Estab- lish- ments	Re- ceipts <sup>1</sup> (\$1,000)	Payroll entire year (\$1,000)	Paid em- ployees, work- week ended nearest Nov. 15	Active propriet- ors of un- incorpor- ated busi- nesses
<b>United States<sup>2</sup>.....</b>	<b>14,716</b>	<b>1,179,371</b>	<b>247,476</b>	<b>137,311</b>	<b>6,896</b>	<b>12,291</b>	<b>938,164</b>	<b>224,423</b>	<b>117,587</b>	<b>7,767</b>
<b>New England.....</b>	<b>768</b>	<b>67,802</b>	<b>14,475</b>	<b>8,569</b>	<b>193</b>	<b>634</b>	<b>51,105</b>	<b>13,128</b>	<b>6,749</b>	<b>201</b>
Maine.....	137	7,255	1,766	1,057	40	84	3,476	892	580	39
New Hampshire.....	72	3,624	753	512	28	65	2,384	575	350	28
Vermont.....	55	2,367	420	318	18	36	1,125	254	173	18
Massachusetts.....	297	33,538	7,115	4,060	65	267	27,554	6,939	3,344	67
Rhode Island.....	39	5,227	1,050	545	7	35	3,662	968	474	6
Connecticut.....	168	15,891	3,371	2,077	45	147	12,904	3,500	1,828	43
<b>Middle Atlantic.....</b>	<b>2,098</b>	<b>276,121</b>	<b>62,245</b>	<b>29,217</b>	<b>680</b>	<b>1,850</b>	<b>236,865</b>	<b>61,070</b>	<b>26,657</b>	<b>732</b>
New York.....	1,033	169,979	39,633	17,018	222	892	156,600	41,344	16,385	216
New Jersey.....	289	37,857	8,063	3,863	46	272	30,886	7,615	3,583	61
Pennsylvania.....	776	68,285	14,540	8,336	412	686	49,379	12,111	6,689	455
<b>East North Central.....</b>	<b>2,523</b>	<b>219,957</b>	<b>48,786</b>	<b>24,985</b>	<b>1,249</b>	<b>2,038</b>	<b>161,920</b>	<b>40,428</b>	<b>20,641</b>	<b>1,347</b>
Ohio.....	599	46,474	11,109	6,170	263	523	38,416	10,314	5,434	272
Indiana.....	358	25,489	6,036	3,277	172	271	17,581	4,542	2,430	186
Illinois.....	679	77,075	17,145	7,522	336	529	56,330	13,965	6,252	363
Michigan.....	514	48,145	9,592	5,043	289	418	34,510	7,972	4,265	303
Wisconsin.....	373	22,774	4,904	2,973	189	297	15,083	3,635	2,260	201
<b>West North Central.....</b>	<b>2,064</b>	<b>101,962</b>	<b>19,952</b>	<b>13,807</b>	<b>1,386</b>	<b>1,606</b>	<b>68,246</b>	<b>15,817</b>	<b>10,338</b>	<b>1,318</b>
Minnesota.....	398	21,282	4,410	2,967	271	363	17,427	4,208	2,387	302
Iowa.....	382	15,430	2,993	2,273	271	261	11,057	2,551	1,856	217
Missouri.....	433	28,312	6,392	3,841	250	318	18,049	4,662	2,684	237
North Dakota.....	157	5,192	749	673	126	115	3,246	580	497	116
South Dakota.....	142	5,134	718	603	119	122	3,172	551	466	123
Nebraska.....	245	10,343	1,746	1,461	172	166	5,894	1,848	1,008	163
Kansas.....	307	10,260	2,938	1,989	177	231	9,401	1,917	1,440	160
<b>South Atlantic.....</b>	<b>2,019</b>	<b>144,874</b>	<b>30,020</b>	<b>17,445</b>	<b>806</b>	<b>1,766</b>	<b>122,228</b>	<b>27,221</b>	<b>15,968</b>	<b>1,019</b>
Delaware.....	30	2,299	521	296	11	32	2,075	483	279	13
Maryland.....	194	16,753	4,205	2,187	71	186	16,009	4,363	2,471	75
Dist. of Columbia.....	60	11,209	2,564	1,100	8	50	9,951	2,371	970	14
Virginia.....	304	20,126	4,344	2,630	107	255	16,267	3,576	2,220	130
West Virginia.....	227	9,204	2,071	1,366	103	189	6,855	1,662	1,124	134
North Carolina.....	373	23,157	4,605	2,902	149	346	19,488	4,129	2,677	182
South Carolina.....	190	9,816	1,934	1,218	105	166	7,462	1,598	1,084	124
Georgia.....	338	22,015	4,320	2,629	152	247	15,997	3,346	2,080	193
Florida.....	303	30,295	5,456	3,087	100	295	28,124	5,693	3,163	154
<b>East South Central.....</b>	<b>1,035</b>	<b>56,057</b>	<b>11,419</b>	<b>7,583</b>	<b>550</b>	<b>856</b>	<b>42,122</b>	<b>9,670</b>	<b>6,190</b>	<b>657</b>
Kentucky.....	248	14,263	2,954	1,958	149	221	9,417	2,204	1,435	179
Tennessee.....	296	17,433	3,766	2,323	117	213	12,777	3,160	1,811	100
Alabama.....	240	14,714	2,931	1,995	116	197	11,681	2,600	1,599	177
Mississippi.....	251	9,047	1,768	1,307	108	225	8,247	1,706	1,255	201
<b>West South Central.....</b>	<b>1,968</b>	<b>108,787</b>	<b>20,722</b>	<b>13,360</b>	<b>982</b>	<b>1,565</b>	<b>83,329</b>	<b>17,866</b>	<b>11,016</b>	<b>1,146</b>
Arkansas.....	240	9,284	1,891	1,402	143	178	6,811	1,466	1,084	138
Louisiana.....	326	20,193	3,611	2,421	158	276	15,299	3,159	2,114	194
Oklahoma.....	364	15,184	2,703	1,812	205	269	12,454	2,454	1,555	213
Texas.....	1,038	64,126	12,517	7,725	476	842	49,365	10,787	6,263	601
<b>Mountain.....</b>	<b>823</b>	<b>54,203</b>	<b>9,833</b>	<b>6,812</b>	<b>412</b>	<b>679</b>	<b>40,677</b>	<b>8,626</b>	<b>5,595</b>	<b>524</b>
Montana.....	129	6,636	1,119	828	91	105	4,893	997	734	105
Idaho.....	119	5,747	1,090	910	66	83	3,551	756	625	78
Wyoming.....	63	3,891	701	475	41	47	2,466	652	386	36
Colorado.....	183	13,885	2,478	1,500	92	149	9,923	2,081	1,179	100
New Mexico.....	95	6,728	1,134	804	37	97	6,209	1,252	806	58
Arizona.....	85	7,074	1,365	873	12	76	5,505	1,230	749	28
Utah.....	108	6,439	1,271	918	56	95	5,769	1,129	841	100
Nevada.....	41	3,803	675	354	17	27	2,361	529	275	19
<b>Pacific.....</b>	<b>1,418</b>	<b>149,628</b>	<b>30,024</b>	<b>15,593</b>	<b>638</b>	<b>1,297</b>	<b>131,072</b>	<b>30,597</b>	<b>14,523</b>	<b>823</b>
Washington.....	258	19,206	3,980	2,399	139	226	13,534	3,139	1,919	185
Oregon.....	235	13,744	2,764	1,646	147	168	8,683	2,056	1,188	154
California.....	925	116,678	23,280	11,488	352	903	108,855	25,402	11,416	484

<sup>1</sup> Includes admissions taxes.<sup>2</sup> Excludes Alaska and Hawaii.

Source: Department of Commerce, Bureau of the Census; U.S. Census of Business: 1958, Selected Services, Vol. V.

## No. 1184. HOTELS—SUMMARY, 1948 TO 1958, AND BY SIZE, 1954 AND 1958

Excludes Alaska and Hawaii. Covers commercial establishments known to the public as hotels and primarily engaged in providing lodging, or lodging and meals, to the general public. For 1948, all hotels; for 1954 and 1958, hotels with payroll only]

YEAR	Number of hotels	Number of guest rooms	Receipts (\$1,000)	Paid employees <sup>1</sup>	Total payroll (\$1,000)
<b>All hotels:</b>					
1948.....	20,650	1,540,823	2,172,756	398,298	660,004
1954.....	24,778	( <sup>2</sup> )	2,404,520	377,230	802,965
1958.....	20,203	( <sup>2</sup> )	2,794,015	403,789	956,067
<b>Year-round hotels with 25 or more guest rooms:</b>					
1948.....	14,547	1,192,728	1,854,806	370,422	501,529
1954.....	11,367	1,002,470	2,075,194	354,603	728,715
1958.....	11,141	1,090,558	2,363,083	361,596	851,807

ITEM	HOTELS BY SIZE-CLASS				
	Less than 25 rooms	25 to 49 rooms	50 to 99 rooms	100 to 299 rooms	300 rooms or more
<b>1954</b>					
Number of hotels.....	4,583	5,062	3,431	2,334	540
Receipts.....\$1,000.....	83,138	154,092	260,654	689,191	970,657
Paid employees.....	11,444	25,200	47,144	123,064	158,255
<b>1958</b>					
Number of hotels.....	5,600	4,903	3,376	2,308	554
Receipts.....\$1,000.....	119,210	174,083	293,422	753,657	1,141,021
Paid employees.....	19,375	28,943	49,448	126,441	150,764

<sup>1</sup> Includes data for paid executives of corporations but not for proprietors of unincorporated businesses. Represents number of employees for workweek ended nearest Nov. 15.

<sup>2</sup> Not available.

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Business: 1948*, Vol. VI, *U.S. Census of Business: 1954*, Vol. V, and *U.S. Census of Business: 1958*, Vol. V.

## No. 1185. HOTEL OPERATIONS—OCCUPANCY RATIO, SALES INDEXES, AND ROOM RATE INDEX: 1940 TO 1961

[Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series T 361-365]

ITEM	1940	1945	1950	1955	1956	1957	1958	1959	1960	1961
Occupancy ratio (percent).....	64	91	81	72	72	70	67	66	65	62
Sales indexes (1929=100):										
Total sales.....	85	103	192	224	233	238	233	240	240	233
Room sales.....	76	133	167	200	208	214	212	218	220	213
Restaurant sales.....	96	200	225	261	269	274	269	277	277	269
Room rate index (1929=100).....	81	101	142	185	192	204	210	218	225	227

Source: Horwath and Horwath, New York, N.Y.; annual report, *Hotel Operations*.

## No. 1186. ADVERTISING—INDEXES OF NATIONAL ADVERTISING EXPENDITURES, BY MEDIUM: 1940 TO 1961

[1947-49=100, except as noted. Includes Alaska and Hawaii. Base for all indexes is the average monthly expenditure for those media which give national coverage]

TYPE	1940	1945	1950	1955	1957	1958	1959	1960	1961
General index.....	41	72	116	185	211	208	225	235	233
Total magazines.....	40	73	103	146	166	154	173	183	183
Weekly.....	42	75	105	159	188	170	192	210	203
Women's.....	37	74	98	122	125	116	128	140	141
General.....	40	70	103	157	187	188	217	231	240
Farm.....	36	61	112	116	112	100	105	97	88
Network radio.....	55	97	96	41	31	30	24	23	20
Network television <sup>1</sup> .....	—	—	49	310	333	422	452	462	483
Newspapers.....	41	52	133	185	205	185	206	210	201
Outdoor.....	39	59	113	152	161	157	152	160	143
Business papers.....	31	84	103	183	217	221	232	246	246

<sup>1</sup> Base period: 1950-52=100.

Source: Compiled by McCann-Erickson, Inc., for Printers' Ink Publications, New York, N.Y. Published in *Printers' Ink*.

## No. 1187. ADVERTISING—ESTIMATED EXPENDITURES: 1935 TO 1961

[In millions of dollars. Includes Alaska and Hawaii]

YEAR	Total	National	Local	YEAR	Total	National	Local	YEAR	Total	National	Local
1935.....	1,690	859	831	1944.....	2,724	1,669	1,054	1953.....	7,755	4,521	3,235
1936.....	1,902	1,003	899	1945.....	2,875	1,775	1,099	1954.....	8,104	4,812	3,352
1937.....	2,072	1,103	969	1946.....	3,304	1,963	1,401	1955.....	9,194	5,407	3,788
1938.....	1,904	1,031	873	1947.....	4,260	2,487	1,772	1956.....	9,905	5,926	3,979
1939.....	1,980	1,086	895	1948.....	4,864	2,776	2,088	1957.....	10,311	6,253	4,057
1940.....	2,088	1,163	925	1949.....	5,202	2,955	2,237	1958.....	10,302	6,331	3,971
1941.....	2,236	1,259	977	1950.....	5,710	3,257	2,453	1959.....	11,255	6,835	4,420
1942.....	2,156	1,212	944	1951.....	6,426	3,701	2,725	1960.....	11,932	7,296	4,636
1943.....	2,496	1,452	1,045	1952.....	7,156	4,096	3,059	1961 (prel.)..	11,996	7,385	4,611

Source: Compiled by McCann-Erickson, Inc., for Printers' Ink Publications, New York, N. Y. Published in *Printers' Ink*.

## No. 1188. ADVERTISING—ESTIMATED EXPENDITURES, BY MEDIUM: 1950 TO 1961

[In millions of dollars. Includes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series R 99-102, R 110-113, and T 346-351]

MEDIUM	1950		1957		1958		1959		1960		1961 (prel.)	
	Expenditures	Per cent of total	Expenditures	Per cent of total	Expenditures	Per cent of total	Expenditures	Per cent of total	Expenditures	Per cent of total	Expenditures	Per cent of total
Total.....	5,710	100.0	10,311	100.0	10,302	100.0	11,255	100.0	11,932	100.0	11,996	100.0
National.....	3,257	57.0	6,253	60.6	6,331	61.5	6,835	60.7	7,296	61.1	7,385	61.6
Local.....	2,453	43.0	4,057	39.4	3,971	38.5	4,420	39.3	4,636	38.9	4,611	38.4
Newspapers.....	2,076	36.3	3,283	31.8	3,193	31.0	3,546	31.5	3,703	31.0	3,629	30.2
National.....	533	9.3	810	7.8	769	7.5	826	7.3	836	7.0	808	6.7
Local.....	1,542	27.0	2,474	24.0	2,424	23.5	2,720	24.2	2,867	24.0	2,821	23.5
Radio.....	605	10.6	618	6.0	619	6.0	656	5.8	692	5.8	707	5.9
Network.....	196	3.4	64	0.6	58	0.6	44	0.4	43	0.4	40	0.3
Spot.....	136	2.4	187	1.8	190	1.8	206	1.8	222	1.8	222	1.9
Local.....	273	4.8	368	3.6	372	3.6	406	3.6	428	3.6	445	3.7
Television.....	171	3.0	1,265	12.3	1,354	13.2	1,494	13.3	1,590	13.3	1,666	13.9
Network.....	85	1.5	670	6.5	709	6.9	740	6.6	783	6.6	842	7.0
Spot.....	31	0.5	352	3.4	397	3.9	486	4.3	527	4.4	539	4.5
Local.....	55	1.0	244	2.4	248	2.4	267	2.4	281	2.3	285	2.4
Magazines.....	515	9.0	814	7.9	767	7.4	866	7.7	941	7.9	926	7.7
Weeklies.....	261	4.6	451	4.4	425	4.1	478	4.3	525	4.4	507	4.2
Women's.....	129	2.3	164	1.6	151	1.5	168	1.5	184	1.5	186	1.6
Monthlies.....	88	1.5	161	1.5	158	1.5	185	1.6	200	1.7	204	1.7
Farm, Nat'l.....	37	0.6	38	0.4	33	0.3	35	0.3	32	0.3	29	0.2
Farm papers.....	21	0.4	34	0.3	34	0.3	36	0.3	35	0.3	33	0.3
Direct mail.....	803	14.1	1,471	14.3	1,589	15.4	1,688	15.0	1,830	15.3	1,905	15.9
Business papers.....	251	4.4	568	5.5	525	5.1	569	5.1	609	5.1	600	5.0
Outdoor.....	143	2.5	199	1.9	192	1.9	193	1.7	203	1.7	181	1.5
National.....	96	1.7	134	1.3	129	1.3	130	1.1	137	1.1	122	1.0
Local.....	46	0.8	65	0.6	62	0.6	63	0.6	66	0.6	59	0.5
Miscellaneous.....	1,125	19.7	2,059	20.0	2,030	19.7	2,206	19.6	2,328	19.6	2,349	19.6
National.....	610	10.7	1,184	11.5	1,199	11.6	1,278	11.4	1,368	11.5	1,381	11.5
Local.....	515	9.0	874	8.5	830	8.1	928	8.2	960	8.1	968	8.1

Source: Compiled by McCann-Erickson, Inc., for Printers' Ink Publications, New York, N. Y. Published in *Printers' Ink*.

# No. 1189. ADVERTISING—EXPENDITURES FOR NATIONAL ADVERTISING IN NEWSPAPERS, BY TYPE OF PRODUCT: 1961

[In thousands of dollars. Includes Alaska and Hawaii. Data are compiled on basis of actual space measurements of bulk of "national" advertising carried by weekday and Sunday newspapers]

TYPE OF PRODUCT	1961	TYPE OF PRODUCT	1961
Total.....	750,526	Liquors.....	44,400
Air conditioning.....	1,050	Magazines.....	10,698
Airways.....	39,765	Meats and fish.....	11,604
Baking products.....	21,871	Medical.....	22,430
Beers.....	12,928	Passenger cars (new).....	93,907
Beverages.....	10,030	Perfumes and cosmetics.....	10,009
Book publishers.....	12,660	Public utilities.....	23,751
Cereals and breakfast foods.....	5,332	Radio and television sets.....	4,769
Cigarettes.....	22,348	Radio and television stations.....	20,931
Condiments.....	9,517	Railroads.....	4,582
Dairy products.....	17,030	Refrigerators and freezers.....	1,764
Gasoline and oils.....	30,280	Soaps, cleansers, polishes.....	11,126
Hotels and resorts.....	21,126	Tires and tubes.....	11,450
Household furniture and furnishings.....	5,008	Toilet soaps.....	2,054
Industrial.....	16,059	Wearing apparel.....	11,963
Insurance.....	17,382	Miscellaneous.....	213,693

Source: Compiled by Media Records, Inc., for Bureau of Advertising of the American Newspaper Publishers Association, Inc., New York, N. Y. Published in *Advertising Age*.

# No. 1190. ADVERTISING—NEWSPAPER LINAGE FOR 52 CITIES: 1930 TO 1961

[In thousands of lines. Data represent newspaper linage in all newspapers, daily and Sunday, in an unchanged list of 52 selected cities]

MONTHLY AVERAGE	Total	Classified	DISPLAY				
			Total	Auto-motive	Financial	General <sup>1</sup>	Retail
1930.....	137,854	24,013	112,041	8,932	4,038	25,254	73,817
1940.....	105,719	21,001	83,818	5,167	1,610	15,719	61,313
1950.....	203,346	42,553	160,793	10,049	2,356	32,464	115,924
1955.....	236,950	58,705	178,245	15,919	3,383	31,350	127,592
1958.....	223,801	52,396	171,406	11,813	3,867	30,070	125,655
1959.....	238,770	60,631	178,139	12,923	4,550	30,268	130,358
1960.....	240,718	61,268	179,450	13,767	4,519	23,808	132,356
1961.....	231,413	58,145	173,268	12,300	4,931	26,920	129,117

<sup>1</sup> Advertising of specific products on general sale, as distinguished from the advertising of retail stores, and auto-motive or financial advertising.

Source: Compiled by Media Records, Inc., and published currently in Department of Commerce, Office of Business Economics; *Survey of Current Business*.

# No. 1191. MAGAZINE ADVERTISING—REVENUE, BY TYPE OF PRODUCT: 1950 TO 1961

[In thousands of dollars. Includes Alaska and Hawaii. Data represent advertising revenue of general magazines and national farm magazines. Space cost is based on one-time rate; special rates are used where applicable. Retail advertising and direct-mail advertising are not distributed according to type of product, but are included in "All other." Year-to-year data not strictly comparable, as a few minor publications are added or deleted]

TYPE OF PRODUCT	1950	1955	1957	1958	1959	1960	1961
Revenue.....	458,451	657,333	738,640	693,092	783,768	853,165	836,983
Apparel, footwear and accessories.....	39,038	51,143	53,232	49,709	48,544	56,684	53,928
Automotive, automotive accessories and equipment.....	41,969	61,054	65,273	64,766	80,609	93,626	83,906
Beer, wine, and liquor.....	20,581	34,442	39,529	40,710	50,888	50,865	51,272
Building materials, equipment and fixtures.....	20,064	33,301	32,009	29,377	33,900	35,840	30,197
Drugs and remedies.....	12,774	19,164	26,210	26,499	27,128	29,131	30,031
Food and food products.....	53,591	77,610	80,329	76,750	91,594	104,046	109,769
Household equipment and supplies.....	34,326	38,747	37,723	20,347	39,173	37,118	30,840
Household furnishings.....	24,620	30,630	30,624	25,667	27,565	30,400	27,115
Industrial materials.....	24,490	49,207	59,240	45,103	50,178	55,429	45,947
Smoking materials.....	12,097	17,308	20,857	24,400	27,369	26,187	25,997
Toiletries and toilet goods.....	37,541	40,535	48,870	44,735	47,572	50,889	49,250
Travel, hotels and resorts.....	12,746	19,753	22,496	23,724	25,130	29,241	28,663
All other.....	117,614	184,529	222,239	212,305	234,118	253,709	267,472

Source: Magazine Advertising Bureau, New York, N. Y.

# **No. 1192. ADVERTISING—GROSS TIME CHARGES FOR NETWORK RADIO ADVERTISING, 1950 TO 1954, AND NETWORK TELEVISION, 1950 TO 1961**

[In thousands of dollars. Beginning 1958, includes Alaska and Hawaii. Covers national networks; excludes regional or spot advertising (see table 1193). Gross time charges computed at the one-time rate, before application of size and frequency discounts. No allowance included for talent, production, and wire charges]

TYPE OF PRODUCT	RADIO <sup>1</sup>			TELEVISION <sup>2</sup>					
	1950	1953	1954	1950 <sup>3</sup>	1955	1958	1959	1960	1961
Gross time charges.....	183,519	160,535	137,641	40,779	406,899	566,590	627,312	682,371	748,873
Apparel, footwear, and accessories.....	1,508	1,223	489	901	2,828	5,409	7,221	9,323	10,021
Automotive, automotive accessories and equipment.....	5,009	8,025	9,633	5,325	47,059	52,500	46,709	55,118	48,588
Beer, wine, and liquor.....	2,775	1,896	2,955	1,704	7,588	6,289	6,715	8,147	6,319
Confectionery and soft drinks.....	6,148	3,012	2,645	1,830	8,114	9,324	12,983	14,902	19,180
Drugs and remedies.....	24,433	21,125	17,089	392	23,280	58,044	74,951	84,706	94,905
Food and food products.....	44,861	35,125	28,770	6,602	79,989	109,206	113,100	114,746	138,298
Gasoline, lubricants, and other fuel.....	5,509	4,060	5,114	1,516	4,995	3,132	9,831	15,585	18,617
Household equipment and supplies.....	3,086	6,495	3,623	2,653	31,549	23,545	30,112	30,743	29,767
Household furnishings.....	901	1,652	225	2,090	2,571	3,466	4,026	5,796	3,961
Insurance.....	2,853	2,242	2,387	79	2,219	6,945	10,271	12,382	11,204
Radios, TV sets, phonographs, musical instruments, and accessories.....	1,232	2,489	1,973	3,421	8,096	8,515	5,374	5,340	2,727
Smoking materials.....	22,489	15,008	10,779	6,250	42,122	62,092	75,009	76,902	84,679
Soaps, cleansers and polishes.....	20,700	15,891	14,883	863	46,968	61,476	67,140	69,494	84,901
Toiletries and toilet goods.....	25,783	26,028	18,160	4,183	74,175	98,921	102,312	111,097	126,963
All other.....	16,532	15,363	18,916	2,961	25,346	57,726	61,558	68,091	68,686

<sup>1</sup> Gross time charges for network radio not available after July 1955.

<sup>2</sup> Excludes Du Mont.

<sup>3</sup> Beginning 1958, data other than totals not strictly comparable with prior years because of different method of product classification.

Source: 1950-55, Magazine Advertising Bureau, New York, N.Y.; beginning 1958, Television Bureau of Advertising, Inc., New York, N.Y., from data compiled by Leading National Advertisers, Inc., and Broadcast Advertisers Reports, Inc., New York, N.Y.

# **No. 1193. ADVERTISING—GROSS TIME CHARGES FOR SPOT TELEVISION ADVERTISING: 1959 TO 1961**

[In thousands of dollars. Includes Alaska and Hawaii. Spot television advertising, as distinguished from network advertising in table 1192, is defined as any television activity (announcement, identification, participation, or program) sponsored by a national or regional advertiser, selected and bought on a station-by-station basis. Includes announcements between both network and nonnetwork programs as well as complete programs. Each commercial is locally originated, whereas network programs and commercials are centrally originated]

TYPE OF PRODUCT	1959 <sup>1</sup>	1960	1961	TYPE OF PRODUCT	1959 <sup>1</sup>	1960	1961
Gross time charges.....	605,603	616,701	617,398	Food and grocery products.....	165,725	165,188	170,988
Ale, beer, and wine.....	47,840	48,778	52,667	Gasoline and lubricants.....	22,890	24,338	21,746
Automotive.....	18,175	22,270	17,054	Household equipment and supplies.....	97,038	95,224	90,035
Clothing, furnishings, accessories.....	16,273	13,414	10,107	Household furnishings.....	3,564	2,749	2,027
Confections and soft drinks.....	28,192	33,848	39,083	Tobacco, products and supplies.....	31,490	35,686	29,737
Consumer services.....	17,531	18,579	18,702	Watches, jewelry, cameras.....	3,880	4,426	2,732
Cosmetics and toiletries.....	52,512	56,623	59,803	All other.....	33,494	37,441	41,706
Dental products.....	13,671	11,438	16,868				
Drug products.....	53,478	46,693	44,143				

<sup>1</sup> 1959 data not comparable with later years because of revisions in estimating procedure.

Source: Television Bureau of Advertising, Inc., New York, N.Y., from data compiled by N. C. Rorabaugh Company, Inc.

# No. 1194. ACTIVE CORPORATION EXPENDITURES FOR ADVERTISING, COMPARED WITH BUSINESS RECEIPTS, BY INDUSTRY: 1959

[Money figures in millions of dollars. Compiled from corporation income tax returns, excluding returns of inactive corporations. See headnotes and footnotes, tables 518 and 520]

INDUSTRY GROUP	Number of corporation returns	Business receipts	Advertising expenditures	
			Amount	Percent of sales, etc.
<b>Total</b> .....	<b>1, 074, 120</b>	<b>772, 915</b>	<b>8, 747</b>	<b>1. 1</b>
Agriculture, forestry, and fisheries.....	15, 603	3, 677	21	0.6
Mining.....	12, 920	9, 897	18	0.2
Construction.....	66, 260	31, 682	74	0.2
<b>Manufacturing</b> .....	<b>156, 297</b>	<b>356, 973</b>	<b>4, 962</b>	<b>1. 4</b>
Beverage industries.....	2, 041	8, 215	401	4.9
Food and kindred products.....	15, 530	50, 112	964	1.9
Tobacco manufactures.....	204	4, 818	263	5.5
Textile mill products.....	5, 706	14, 197	88	0.6
Apparel and other finished products made from fabrics and similar materials.....	16, 287	11, 844	116	1.0
Lumber and wood products, exc. furniture.....	7, 963	7, 193	29	0.4
Furniture and fixtures.....	5, 832	4, 945	60	1.2
Paper and allied products.....	3, 236	11, 579	97	0.8
Printing, publishing, and allied industries.....	18, 706	12, 238	93	0.8
Chemicals and allied products.....	8, 226	26, 065	987	3.8
Petroleum refining and related industries.....	828	36, 005	165	0.5
Rubber and miscellaneous plastics products.....	3, 932	7, 738	127	1.6
Leather and leather products.....	2, 711	3, 907	44	1.1
Stone, clay, and glass products.....	6, 884	10, 581	74	0.7
<b>Primary metal industries</b> .....	<b>3, 655</b>	<b>27, 194</b>	<b>119</b>	<b>0. 4</b>
Fabricated metal products (incl. ordnance), exc. machinery and transportation equipment.....	14, 690	18, 712	167	0.9
Machinery, exc. electrical and transportation equipment.....	10, 275	24, 939	262	1.1
Electrical machinery, equipment, and supplies.....	6, 593	22, 500	399	1.7
Transportation equipment, exc. motor vehicles.....	2, 076	16, 466	46	0.3
Motor vehicles and motor vehicle equipment.....	1, 292	24, 273	197	0.8
Professional, scientific, and controlling instruments; photographic and optical goods; watches and clocks.....	2, 730	6, 201	140	2.3
Other manufacturing industries.....	10, 000	7, 249	134	1.8
<b>Transportation, communication, electric, gas, and sanitary services</b> .....	<b>43, 195</b>	<b>60, 609</b>	<b>254</b>	<b>0. 4</b>
Transportation.....	32, 454	28, 743	139	0.5
Other.....	10, 741	31, 866	116	0.4
<b>Wholesale and retail trade</b> .....	<b>334, 717</b>	<b>252, 868</b>	<b>2, 554</b>	<b>1. 0</b>
Wholesale trade.....	109, 648	124, 124	736	0.6
Retail trade.....	199, 624	118, 156	1, 715	1.5
Food.....	14, 009	28, 302	261	0.9
General merchandise.....	13, 163	23, 656	557	2.5
Apparel and accessories.....	24, 138	7, 717	181	2.3
Automotive dealers and gasoline service stations.....	35, 681	29, 232	251	0.9
Other.....	112, 643	29, 240	430	1.6
Wholesale and retail trade not allocable.....	25, 445	10, 587	104	1.0
<b>Finance, insurance, and real estate</b> .....	<b>318, 592</b>	<b>36, 062</b>	<b>507</b>	<b>1. 4</b>
Banking.....	15, 182	1, 581	165	10.4
Insurance carriers.....	3, 904	27, 994	56	0.2
Real estate, exc. lessors of real property other than buildings.....	216, 331	2, 637	118	4.5
Other.....	63, 175	3, 850	168	4.4
<b>Services</b> .....	<b>110, 005</b>	<b>20, 954</b>	<b>352</b>	<b>1. 7</b>
Hotels, rooming houses, camps, and other lodging places.....	11, 890	2, 234	68	2.6
Personal services.....	20, 109	2, 988	50	1.7
Business services.....	29, 122	7, 370	71	1.0
Automobile repair, services, and garages, and other repair services.....	17, 463	2, 082	21	1.0
Motion pictures.....	6, 712	2, 367	76	3.2
Amusement and recreation services, exc. motion pictures.....	11, 890	1, 705	44	2.6
Other services.....	12, 819	2, 207	32	1.4
Nature of business not allocable.....	16, 531	194	3	1.5

Source: Treasury Department, Internal Revenue Service; *Statistics of Income*.



## Section 31

### Foreign Commerce and Aid

This section presents measures of the flow of goods, precious metals, services, and funds between the United States and other countries. These measures appear in summary in the balance of payments and in detail as dollar values of imports and exports of merchandise or commodities classified by countries of their origin or destination. Related aspects also shown are international investments, mutual security and other foreign aid programs, and import duties.

The Office of Business Economics compiles and publishes current figures on the U.S. balance of payments and international investment position in its monthly *Survey of Current Business*, and on total foreign aid by the Federal Government in its quarterly *Foreign Grants and Credits by the United States Government*. Figures for earlier periods are presented in *Balance of Payments—Statistical Supplement, 1958*. (A revised and updated edition will be issued in 1962.) Statistics for the foreign aid programs are compiled by the Agency for International Development (formerly the International Cooperation Administration), and appear in its quarterly *Operations Report*.

The principal sources of import and export data are publications of the Bureau of the Census. The *Quarterly Summary of Foreign Commerce of the United States* presents cumulative quarterly data in each issue (annual data in the issue for the last quarter of each year). For a complete list of this Bureau's monthly, quarterly, and annual reports in this field, consult its *Catalog of United States Foreign Trade Statistical Publications*. In addition, the Treasury Department's *Annual Report of the Secretary* is a helpful source for information concerning import duties.

**International accounts and foreign aid.**—The balance of payments table shows 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 or between the United States and a specific country or area.

The international investment position table 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; write-offs; and reinvested earnings of subsidiaries operating abroad and of foreign subsidiaries operating in the United States.

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). The U.S. Government's capital investments in the international financial institutions constitute an additional measure taken by the Government to promote foreign economic recovery, development, and financial stability.

*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. In some instances assistance has been given with the understanding that a decision as to repayment will be made at a later date; such assistance is included in grants. At such time as an agreement is reached for repayment over a period of years, a credit is established. Such credits cannot, as a rule, be deducted from specific grants recorded in previous periods;

an adjustment for grants converted into credits is made at the time of agreement. 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, 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 *Foreign Grants and Credits by the United States Government* 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 disposal program, such as by collection of principal and interest.

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 by the Congress in the Foreign Assistance Act of 1948, the 1950 Act for International Development, and other legislation which set up programs for specific countries (e.g., Korea, Nationalist Government of China, etc.). In 1952, these economic, technical, and military aid programs were combined under the Mutual Security Act. Figures on mutual security program activity included in *Foreign Grants and Credits* differ from similar data published by the Agency for International Development or its immediate predecessors, the International Cooperation Administration and the Development Loan Fund (now combined in the AID), due largely to differences in method of reporting and in treatment of particular items.

**Foreign trade.**—Export data are compiled by the Bureau of the Census from Shippers' Export Declarations which exporters are required to file with Collectors of Customs for each shipment leaving the United States. Export data include shipments made after World War II under the Department of the Army Civilian Supply Program only for 1948 and subsequent years. In addition, export data include United States exports under the Lend-Lease, United Nations Relief and Rehabilitation Administration, International Cooperation Administration, Mutual Defense Assistance, and other mutual security programs. Shipments to United States Armed Forces for their own use are not included in export statistics for any period.

Export values are based on the selling price (or on the cost, if not sold) of the commodity shipped and include inland freight, insurance, and other charges to place of export. Transportation and other costs beyond the United States port of exportation are excluded. 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. In the event the exporter does not have definite information as to the country of ultimate destination for a shipment, it is credited (for statistical purposes) to the country to which it is consigned.

Certain export commodity classifications were grouped for security reasons into special categories beginning with May 1949, with periodic amendments to include additional commodities. With the adoption of new security regulations, effective July 1950, the publication of the country of destination and Customs District detail for the special category commodities and groups was discontinued. Data for special category commodities are included, however, in all total export statistics.

Shipments individually valued at less than \$100 are not classified by commodity, but are reported in a single separate category. Effective with the statistics for July

1953 and continuing through December 1955, data for export shipments individually valued from \$100 to \$499 (about 4 to 6 percent of the total export value) were estimated on the basis of a 10-percent sample. From January through June 1956, the 10-percent sample was applied to shipments individually valued from \$100 to \$999 but, effective July 1956, the level was reduced to the previous level of \$499. Beginning January 1960, the sample ratio of 10 percent was increased to a 50-percent sample for all countries except Canada. Unless otherwise noted, the margin of error in individual export totals due to sampling is probably less than 5 percent.

Import data are compiled by the Bureau of the Census from import entries (various Customs forms) which importers are required to file with Collectors of Customs for each shipment arriving. Import values are, in general, based on market or selling price and are f.o.b. the exporting country. Values do not include import duties. The country of origin is defined as the country in which the merchandise was grown, mined, or manufactured. If the importer cannot obtain information as to the country of origin, the merchandise is credited (for statistical purposes) to the country of shipment.

Imports are classified either as general imports or imports for consumption. General imports represent total arrivals of imported goods (except for in-transit shipments), that is, merchandise released from Customs custody immediately upon arrival plus merchandise entered into a bonded storage warehouse, bonded manufacturing warehouse, and bonded refining warehouse immediately upon arrival. Imports for consumption comprise merchandise entered into U.S. consumption channels, that is, merchandise released from Customs custody immediately upon arrival, merchandise entered into a bonded manufacturing warehouse (other than smelting or refining warehouse), merchandise withdrawn from a bonded storage warehouse for release into domestic consumption channels, and imported ores and crude metals which have been processed in a bonded smelting warehouse, withdrawn for consumption or for reexport.

Beginning 1954, estimates of imports valued at \$250 or less (about 1 percent of total import value) are based on a 5-percent sample; and beginning 1958, estimates of imports valued under \$100 reported on formal consumption entries and imports reported on informal entries (limited to \$250) are based on a 1-percent sample. These estimated import values are included in the over-all totals and are distributed in the proper country totals but are excluded from detailed commodity statistics. For 1954-1957, the estimated values are also distributed in the appropriate commodity group, economic class, and district totals; beginning 1958, the estimates are summarized and arbitrarily included in the totals for the "miscellaneous" commodity group and the "finished manufactures" economic class. As a result of the change in the sampling procedure in 1958, the import values for 1958 and subsequent years for customs districts, commodity groups (except miscellaneous), and economic classes (except finished manufactures) are probably understated by no more than 5 percent; figures for "miscellaneous" commodity group are probably overstated by no more than from 10 to 15 percent, and for "finished manufactures" by no more than about 1 percent.

Details concerning the sampling procedures appear in the *Quarterly Summary of Foreign Commerce and Navigation of the United States*; Report FT 110, *United States Imports of Merchandise for Consumption*; and Report FT 410, *United States Exports of Domestic and Foreign Merchandise*.

Except as noted, the values stated are in United States dollars without reference to changes in the gold content of the dollar.

**Area coverage.**—The geographic area covered by these statistics, except as noted, is the United States customs area, which includes Alaska, Hawaii, and Puerto Rico, and for 1935 through 1939, the Virgin Islands. For a general statement concerning the treatment of data for Alaska and Hawaii, see preface. "Conterminous area" refers to the United States excluding Alaska, Hawaii, and outlying areas.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics, Colonial Times to 1957*, series U 168-192") provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

## No. 1195. BALANCE OF INTERNATIONAL PAYMENTS: 1920 TO 1961

[In millions of dollars. The figures presented in this table do not contain some of the revisions of earlier estimates which have been made in tables 810, 1197, and 1198. See also *Historical Statistics, Colonial Times to 1961*, series U 108-192]

ITEM	1920	1925	1930	1935	1940	1945	1950
<b>Exports of goods and services</b>	10,264	6,348	5,448	3,265	5,355	16,273	14,427
Military transfers under grants						(1)	530
Other goods and services	10,264	6,348	5,448	3,265	5,355	16,273	13,901
Merchandise, adjusted	8,481	5,011	3,029	2,404	4,124	12,473	10,117
Transportation	1,119	318	325	139	402	1,308	1,033
Travel	67	83	129	101	95	162	410
Misc. services: Private <sup>2</sup>			7	82	150	453	607
Government	1	16	18	18	20	1,288	132
Military transactions							(1)
Income on investments	596	912	1,040	621	564	589	1,593
<b>Imports of goods and services</b>	6,741	5,261	4,416	3,137	3,636	10,232	12,098
Merchandise, adjusted	5,384	4,201	3,104	2,462	2,698	5,245	9,108
Transportation	848	391	477	206	334	420	818
Travel	190	347	463	245	190	309	754
Misc. services: Private <sup>2</sup>	60				95	153	247
Government	16	23	28	28	48	1,440	250
Military expenditures	123	39	49	41	61	2,434	576
Income on investments	120	170	295	155	210	231	346
<b>Balance on goods and services</b>	3,523	1,087	1,032	128	1,719	6,041	2,329
<b>Unilateral transfers, net [to foreign countries (-)]</b>	-679	-403	-342	-182	-210	-7,113	-4,533
Private remittances	-634	-373	-306	-162	-178	-473	-444
Government	-45	-30	-36	-20	-32	-6,640	-4,089
Military supplies and services							-526
Other	-45	-30	-36	-20	-32	-6,640	-3,563
<b>U.S. capital, net [outflow of funds (-)]</b>	-729	-890	-478	544	194	-1,569	-1,421
Private	-554	-917	-555	543	245	-550	-1,265
Government	-175	27	77	1	-51	-1,019	-156
<b>Foreign capital, net [outflow of funds (-)]</b>	-278	241	-222	968	1,263	2,085	1,912
Long-term investments in U.S. <sup>3</sup>	-278	301	66	320	-90	-104	53
Short-term and other liquid liabilities	(4)	-60	-238	648	1,353	2,189	1,859
<b>Gold sales [purchases (-)]</b>	68	109	-810	-4,243	548	1,743	1,743
<b>Foreign capital and gold, total</b>	-210	341	-532	-854	-2,980	2,633	3,655
<b>Errors and omissions</b>	-1,905	-135	320	364	1,277	8	-30

ITEM	1955	1956	1957	1958	1959	1960	1961 (prel.)
<b>Exports of goods and services</b>	22,328	26,284	29,168	25,606	25,683	29,065	29,781
Military transfers under grants	2,325	2,579	2,435	2,281	1,974	1,765	1,465
Other goods and services	20,003	23,705	26,733	23,325	23,709	27,300	28,316
Merchandise, adjusted	14,280	17,379	19,390	16,263	16,282	19,409	19,916
Transportation	1,420	1,642	1,999	1,672	1,646	1,816	1,785
Travel	654	705	785	825	902	968	961
Misc. services: Private	879	1,087	1,168	1,205	1,390	1,413	1,447
Government	122	123	138	142	144	164	180
Military transactions	204	158	372	296	302	335	406
Income on investments	2,444	2,611	2,881	2,922	3,043	3,205	3,645
<b>Imports of goods and services</b>	17,937	19,829	20,922	21,053	23,537	23,327	23,079
Merchandise, adjusted	11,527	12,804	13,291	12,961	15,294	14,722	14,524
Transportation	1,204	1,408	1,560	1,636	1,750	1,942	1,942
Travel	1,153	1,275	1,372	1,460	1,610	1,744	1,743
Misc. services: Private	486	543	563	613	633	634	636
Government	242	284	310	305	302	308	407
Military expenditures	2,823	2,955	3,165	3,412	3,100	3,048	2,956
Income on investments	602	580	658	676	830	929	871
<b>Balance on goods and services</b>	4,391	6,455	8,245	4,553	2,146	5,738	6,702
<b>Unilateral transfers, net [to foreign countries (-)]</b>	-4,811	-4,977	-4,753	-4,619	-4,398	-4,254	-4,212
Private remittances	-444	-530	-543	-610	-575	-633	-643
Government	-4,367	-4,447	-4,210	-4,009	-3,823	-3,621	-3,569
Military supplies and services	-2,325	-2,579	-2,435	-2,281	-1,974	-1,765	-1,465
Other	-2,042	-1,898	-1,775	-1,798	-1,849	-1,853	-2,104
<b>U.S. capital, net [outflow of funds (-)]</b>	-1,521	-3,619	-4,133	-3,815	-2,728	-4,965	-4,905
Private	-1,211	-2,990	-3,175	-2,844	-2,796	-3,856	-3,951
Government	-310	-629	-958	-971	-933	-1,109	-954
<b>Foreign capital, net [outflow of funds (-)]</b>	1,454	1,804	691	1,226	3,721	2,427	2,289
Long-term investments in U.S. <sup>3</sup>	346	550	301	24	555	297	435
Short-term and other liquid liabilities	1,108	1,254	390	1,202	3,166	2,130	1,854
<b>Gold sales [purchases (-)]</b>	41	-306	-789	2,275	731	1,702	6,742
<b>Foreign capital and gold, total</b>	1,495	1,498	-107	3,501	4,462	4,129	3,031
<b>Errors and omissions</b>	446	643	748	380	528	-648	-616

<sup>1</sup> Not shown separately.

<sup>2</sup> For 1920 to 1935, includes some merchandise adjustments and represents net receipts or payments.

<sup>3</sup> Beginning 1950, excludes U.S. Government long-term securities. <sup>4</sup> Not available.

<sup>5</sup> Includes short-term commercial liabilities, as follows (in millions): 1960, \$97; 1961, \$142.

<sup>6</sup> Includes convertible currencies.

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, June 1960, June 1961, and March 1962, and *Balance of Payments—Statistical Supplement*, 1958.

## No. 1196. INTERNATIONAL INVESTMENT POSITION OF THE UNITED STATES: 1940 TO 1960

[In millions 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 stated values. See also *Historical Statistics, Colonial Times to 1867*, series U 193-206]

ITEM	1940	1945	1950	1955	1956	1957	1958	1959	1960 (prel.)
<b>U.S. investments abroad</b> .....	12,275	16,818	32,844	44,947	49,476	54,232	59,335	64,830	71,407
Private.....	12,195	14,683	19,004	29,054	33,000	36,814	41,004	44,818	50,285
Long-term.....	11,310	13,658	17,488	26,608	30,082	33,632	37,516	41,222	45,376
Direct.....	7,340	8,369	11,788	19,313	22,177	25,238	27,255	29,805	32,744
Portfolio.....	3,970	5,289	5,700	7,355	7,905	8,394	10,261	11,417	12,632
Short-term.....	885	1,025	1,516	2,886	2,918	3,182	3,488	3,596	4,909
U.S. Government.....	80	2,135	13,840	15,893	16,470	17,418	18,331	20,012	21,122
Long-term.....	80	1,644	13,518	15,170	15,219	15,573	16,192	17,005	18,230
Short-term.....	-----	491	322	723	1,257	1,845	2,139	2,407	2,892
<b>Foreign assets and investments in the U.S.</b> .....	13,535	17,594	19,459	29,557	31,607	31,427	34,931	42,146	44,682
Long-term investments.....	8,100	8,031	7,744	12,587	13,354	12,834	15,219	18,050	18,438
Direct.....	2,875	2,514	3,138	4,255	4,547	4,782	4,940	6,604	6,931
Portfolio.....	5,225	5,517	4,606	8,332	8,807	8,052	10,279	11,446	11,507
Short-term assets and Government obligations.....	5,435	9,563	11,715	10,970	18,253	18,593	19,712	24,096	26,244
Private obligations.....	5,125	5,263	6,512	8,471	9,488	9,901	10,931	10,893	12,113
Government obligations.....	310	4,300	5,203	8,499	8,765	8,692	8,781	13,203	14,131
Long-term.....	150	487	1,470	1,636	1,501	1,449	1,480	2,149	2,276
Short-term.....	160	3,813	3,733	6,863	7,264	7,243	7,301	11,054	11,855
<b>Net debtor (-) or creditor (+) position</b> .....	-1,260	-776	+13,385	+15,390	+17,869	+22,805	+24,404	+22,684	+26,725

Source: Department of Commerce, Office of Business Economics; *International Transactions of the United States during the War, 1940-45, Balance of Payments—Statistical Supplement*, 1953, and *Survey of Current Business*, September 1953, August 1959, September 1960, and August 1961.

## No. 1197. INTERNATIONAL INVESTMENTS—INCOME RECEIPTS AND PAYMENTS, BY AREAS: 1950 TO 1961

[In millions of dollars. Figures abstracted from the general pattern of balance of payments. "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 voice. "Other private" investments represent long-term miscellaneous holdings such as government or corporate bonds, interests in trusts and estates, or bank loans]

AREA AND TYPE OF INVESTMENT	1950		1955		1959		1960		1961	
	Re- ceipts	Pay- ments	Re- ceipts	Pay- ments	Re- ceipts	Pay- ments	Re- ceipts	Pay- ments	Re- ceipts	Pay- ments
<b>Total, all areas</b> .....	1,593	345	2,444	502	3,043	830	3,205	929	3,645	871
Direct.....	1,294	145	1,912	161	2,228	220	2,338	239	2,652	210
Other private.....	190	166	268	217	466	320	518	358	632	386
U.S. Government.....	109	31	274	34	349	281	349	332	361	275
Canada.....	410	78	423	108	553	149	573	166	654	175
Direct.....	294	36	203	50	345	64	362	68	417	76
Other private.....	116	32	120	43	208	53	211	67	237	71
U.S. Government.....	(1)	10	1	15	(1)	32	-----	31	-----	28
<b>Latin American republics</b> .....	554	13	745	21	742	37	808	44	896	39
Direct.....	522	1	678	(1)	600	-----	641	-----	716	-----
Other private.....	18	10	33	15	70	27	88	80	104	32
U.S. Government.....	14	2	34	6	72	10	70	14	76	7
<b>Western Europe</b> .....	228	237	518	346	750	528	727	575	883	531
Direct.....	110	110	255	138	435	149	418	162	551	130
Other private.....	40	120	56	150	100	210	113	227	147	247
U.S. Government.....	78	7	207	58	215	169	196	186	185	154
<b>Western European dependencies</b> .....	98	3	165	6	(4)	(4)	(4)	(4)	(4)	(4)
Direct.....	98	(1)	164	-----	(4)	(4)	(4)	(4)	(4)	(4)
Other private.....	-----	2	-----	5	(4)	(4)	(4)	(4)	(4)	(4)
U.S. Government.....	-----	1	1	1	(4)	(4)	(4)	(4)	(4)	(4)
<b>Other foreign countries</b> .....	303	14	593	21	998	116	1,097	144	1,212	126
Direct.....	270	1	522	3	848	7	917	9	908	4
Other private.....	16	2	40	4	88	39	106	34	144	36
U.S. Government.....	17	11	31	14	62	70	74	101	100	86

<sup>1</sup> Less than \$500,000.

<sup>2</sup> Beginning 1959, direct investment receipts from shipping companies operating under the flags of the Bahamas, Honduras, and Panama are included with "Other foreign countries."

<sup>3</sup> Includes Finland, Spain, and Yugoslavia for all years except 1950.

<sup>4</sup> Not shown separately.

<sup>5</sup> Includes international institutions.

Source: Department of Commerce, Office of Business Economics; *Balance of Payments—Statistical Supplement*, 1958, *Survey of Current Business*, June 1960, June 1961, March 1962, and records.

# No. 1198. INTERNATIONAL INVESTMENTS—VALUE OF AND INCOME RECEIPTS FROM DIRECT INVESTMENTS ABROAD, BY COUNTRY, 1957 TO 1960, AND BY INDUSTRY, 1960

[In millions of dollars. Represents private long-term direct investments. For definition of "direct" see headnote, table 1197. See also *Historical Statistics, Colonial Times to 1957*, series U 208-213, for direct investments]

COUNTRY	DIRECT INVESTMENTS					INCOME RECEIPTS									
	1957	1958	1959	1960 (prel.)					1957	1958	1959	1960 (prel.)			
				Total	Mining and smelting	Petro-leum	Manu-facturing	Public util-ities				Trade	Other indus-tries	Total	Mining and smelting
All areas.....	25,394	27,357	29,805	32,744	3,013	10,944	11,152	2,546	2,397	2,692	2,348	337	1,143	550	319
Canada.....	8,769	9,470	10,310	11,198	1,329	2,667	4,827	645	630	1,100	345	47	60	176	78
Latin American Republics <sup>1</sup> .....	7,434	7,751	8,098	8,365	1,455	2,882	1,610	1,131	718	1,870	641	180	311	63	87
Mexico, Central America, and West Indies.....	2,284	2,355	2,516	2,620	245	306	530	586	202	661	85	33	—	26	31
Mexico.....	739	745	768	795	130	32	391	119	85	39	42	2	2	24	14
South America.....	5,200	5,396	5,582	5,745	910	2,576	1,079	545	426	208	746	147	316	38	56
Argentina.....	333	330	366	472	(2)	(2)	213	(2)	21	239	17	11	(3)	6	4
Brazil.....	835	795	828	953	10	76	515	200	130	23	42	27	(3)	3	15
Chile.....	666	687	720	738	617	233	92	28	12	188	46	38	(2)	2	12
Colombia.....	396	383	401	424	(2)	(2)	22	19	4	20	24	3	(2)	1	2
Peru.....	383	409	428	446	251	79	35	19	42	20	24	2	(2)	1	2
Uruguay.....	57	51	45	47	(2)	(2)	20	(2)	4	23	1	2	(2)	1	6
Venezuela.....	2,465	2,658	2,690	2,569	(2)	(2)	180	32	165	197	693	37	(3)	4	4
Other countries.....	64	84	96	97	3	49	3	14	7	21	3	373	371	(3)	1
Western Hemisphere dependencies.....	618	696	768	884	176	382	21	49	64	192	31	47	71	78	3
Europe.....	4,151	4,573	5,323	6,645	49	1,726	3,797	45	736	291	281	299	85	241	90
Common Market.....	1,680	1,908	2,211	2,951	9	827	1,436	29	284	90	83	81	21	90	33
Belgium and Luxembourg.....	1,102	1,206	1,311	1,431	9	223	402	10	79	21	20	10	2	14	5
France.....	464	546	640	741	(2)	248	688	2	85	32	24	20	6	11	5
Germany.....	581	606	706	1,000	(2)	160	170	1	28	23	11	12	5	49	12
Italy.....	262	267	313	384	(2)	143	80	15	56	9	18	8	8	12	4
Netherlands.....	121	207	243	283	(2)	143	80	15	56	9	18	8	8	12	4
Other Europe.....	2,471	2,666	3,110	4,001	40	893	2,361	17	463	201	199	282	(3)	4	7
Africa.....	1,574	2,147	2,777	3,194	(2)	600	2,064	5	288	133	173	192	231	147	56
United Kingdom.....	664	746	833	925	247	407	118	5	53	94	41	8	7	136	36
South Africa.....	301	321	323	286	26	(2)	108	(3)	31	110	40	27	29	15	17
Asia.....	2,019	2,178	2,237	2,315	46	(2)	286	103	137	100	630	732	16	23	2
Middle East.....	1,138	1,224	1,213	1,163	(2)	1,119	26	3	7	7	568	691	759	23	33
Far East.....	1,881	954	1,024	1,152	24	536	269	99	130	103	63	68	1	1	2
Oceania.....	698	786	879	994	33	372	494	1	58	36	37	42	60	22	32
Australia.....	583	655	742	856	33	(2)	476	(2)	42	305	30	35	—	29	7
International <sup>1</sup> .....	1,041	1,188	1,357	1,418	33	851	476	567	42	305	30	35	(3)	24	4

<sup>1</sup> Excludes shipping companies in Panama, which are included with "International."  
<sup>2</sup> Combined in "Other industries."  
<sup>3</sup> Less than \$500,000.

<sup>4</sup> Includes shipping enterprises registered in Liberia and Panama but operating worldwide.

Source: Department of Commerce, Office of Business Economics, *Survey of Current Business*, August 1961, and records.

# **No. 1199. GOLD STOCK, AND SHORT-TERM LIABILITIES TO FOREIGNERS REPORTED BY U.S. BANKS, BY REGION AND COUNTRY: 1955 TO 1962**

[In millions of dollars. As of end of year or month. Short-term liabilities are those maturing in 1 year or less. For types of liabilities and holders, see table 1200. "Foreigners" refers to foreign governments, central banks, and other official institutions, as well as banks, organizations, and individuals domiciled abroad and the foreign subsidiaries and offices of U.S. banks and commercial firms]

ITEM AND REGION OR COUNTRY	1955	1957	1958	1959	1960	1961		1962, March
						March	Dec.	
Gold stock, U.S. <sup>1</sup> .....	21,753	22,857	20,582	19,507	17,804	17,433	16,947	16,412
Short-term liabilities to foreigners, total.....	13,601	15,158	16,159	19,389	21,320	21,095	22,562	23,215
International institutions <sup>2</sup> .....	1,881	1,517	1,544	<sup>3</sup> 3,158	3,955	3,877	3,804	4,405
Foreign countries.....	11,720	13,641	14,615	16,231	17,374	17,218	18,758	18,810
Official <sup>4</sup> .....	6,953	7,917	8,665	9,154	10,327	10,312	10,874	10,495
Private.....	4,767	5,724	5,950	7,076	7,047	6,906	7,884	8,315
Europe.....	6,147	7,142	7,708	8,473	9,046	8,878	10,316	10,374
France.....	1,081	354	532	655	519	591	989	1,189
Germany, Federal Republic of.....	1,464	1,557	1,755	1,987	3,476	3,510	2,841	2,534
Italy.....	785	1,079	1,121	1,370	877	784	1,234	1,187
Netherlands.....	164	203	339	485	328	230	216	241
Switzerland.....	787	967	852	969	678	556	874	816
United Kingdom.....	560	1,275	873	990	1,667	1,754	2,226	2,486
Other.....	1,355	1,707	2,237	2,017	1,501	1,403	1,936	1,921
Canada.....	1,032	1,623	2,019	2,198	2,439	2,420	2,758	2,490
Latin America.....	2,000	2,575	2,403	2,408	2,422	2,372	2,405	2,463
Asia.....	2,181	1,946	2,205	2,780	3,115	3,190	2,892	3,036
Other.....	360	355	279	373	352	348	387	396

<sup>1</sup> Includes gold in Exchange Stabilization Fund.

<sup>2</sup> Represents principally International Bank for Reconstruction and Development, International Monetary Fund, International Finance Corporation, and International Development Association.

<sup>3</sup> Includes \$1,031 million representing increase in U.S. dollar subscription to the International Monetary Fund paid in June 1959.

<sup>4</sup> Represents liabilities to foreign central banks and foreign central governments and their agencies.

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*.

## **No. 1200. CHANGES IN GOLD AND CONVERTIBLE CURRENCY HOLDINGS BY U.S. MONETARY AUTHORITIES AND IN LIQUID LIABILITIES TO FOREIGNERS, BY TYPE OF HOLDER AND TYPE OF LIABILITY: 1955 TO 1962**

[In millions of dollars. See headnote, table 1199]

ITEM	1955	1957	1958	1959	1960	1961		1962, 1st quarter
						Total	1st quarter	
Changes in gold and convertible currency holdings by U.S. monetary authorities and in liquid liabilities.....	1,149	-468	3,477	<sup>1</sup> 3,897	3,925	2,461	308	465
Gold and convertible currencies [purchases (-)].....	41	-798	2,275	<sup>1</sup> 731	1,702	742	346	190
Liquid liabilities [decrease (-)].....	1,108	330	1,202	<sup>1</sup> 3,166	2,223	1,719	-38	275
By type of foreign holder:								
International organizations.....	78	-104	300	<sup>1</sup> 748	1,136	326	86	444
International Monetary Fund.....	141	-367	17	<sup>1</sup> 604	741	-135	25	237
Other.....	-63	263	283	144	395	461	61	207
Foreign central banks and governments.....	559	20	735	948	1,121	652	11	-546
As reported by U.S. banks.....	182	-128	748	484	1,059	702	12	-481
Other.....	377	148	-13	464	62	-50	-1	-65
Foreign commercial banks.....	414	50	48	1,140	104	615	-19	417
Other foreigners and undetermined <sup>2</sup> .....	57	364	119	330	-138	126	-116	-40
By type of liability:								
Deposits in U.S. banks.....	-4	9	1,082	-550	1,243	1,222	96	141
U.S. Government obligations:								
Bills and certificates.....	642	-110	11	<sup>1</sup> 2,375	627	-125	-155	469
Bonds and notes.....	529	-52	31	686	127	605	206	-271
Other.....	-19	95	44	237	162	-55	-8	-115
Bankers, acceptances, commercial paper, etc.....	37	316	-92	349	35	100	-174	11
Liabilities payable in foreign currencies.....	-11	10	-9	26	36	36	-2	33
Other liabilities.....	-66	-62	117	43	-7	36	-1	7

<sup>1</sup> Excludes U.S. subscription to International Monetary Fund of which \$1,031 million was in noninterest-bearing notes and \$344 million in gold.

<sup>2</sup> Mainly U.S. Government bonds and notes.

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, June 1960, June 1961, and March 1962, and *Balance of Payments—Statistical Supplement*, 1958.

## No. 1201. MAJOR U.S. GOVERNMENT FOREIGN ASSISTANCE, BY TYPE: 1945 TO 1961

[In millions of dollars. For totals by program and country, see tables 1203 and 1204. Grants and credits are generally goods delivered or shipped by, services rendered by, or funds disbursed by U.S. Government to or for account of a foreign government or other foreign entity. "Reverse grants and returns" and "Principal collections" are comprised of goods, services, and funds received by U.S. Government. "Assistance through net accumulation of foreign currency claims" represents transfer of U.S. farm products in exchange for foreign currencies, less the Government's disbursements of the currencies as grants, credits, or for purchases. "Funds" includes foreign currency which, with goods and services, is measured in dollar equivalents]

TYPE	Post-war period <sup>1</sup>	July 1945-Dec. 1954	1955	1956	1957	1958	1959	1960	1961
Total, net.....	86,974	52,973	4,909	4,986	5,069	4,926	5,299	4,582	4,229
Investment in 5 international financial institutions.....	5,120	3,385		35			1,375	153	172
Under assistance programs, net.....	81,853	49,588	4,909	4,951	5,069	4,926	3,923	4,420	4,057
Military grants (supplies and services), net.....	29,291	13,773	2,672	2,634	2,483	2,368	2,031	1,812	1,518
Gross grants.....	29,603	13,998	2,681	2,649	2,496	2,379	2,061	1,822	1,520
Less: Reverse grants and returns.....	313	225	9	16	12	11	21	11	8
Other aid, net.....	52,563	35,815	2,237	2,318	2,586	2,559	1,892	2,617	2,539
Net new grants <sup>2</sup> .....	39,004	26,936	1,933	1,741	1,604	1,642	1,633	1,664	1,850
Gross grants.....	40,610	28,248	1,974	1,796	1,676	1,682	1,667	1,698	1,877
Less: Reverse grants and returns.....	1,615	1,311	42	55	72	39	34	34	27
Net new credits <sup>2</sup> .....	10,604	8,668	-26	18	363	646	4	431	490
New credits.....	18,551	11,665	384	484	1,001	1,180	1,028	1,041	1,767
Less: Principal collections.....	7,947	2,997	410	466	638	534	1,025	609	1,208
Other assistance (through net accumulation of foreign currency claims), net.....	2,955	211	330	558	619	270	255	522	189
Farm products sales (claims acquired).....	7,369	256	556	1,079	1,233	1,023	925	1,184	1,132
Less: Currency disbursed.....	4,434	46	226	520	614	753	670	662	943

<sup>1</sup> July 1, 1945, through Dec. 31, 1961. All lend-lease is from V-J Day (Sept. 2, 1945).

<sup>2</sup> Net new grants have not been adjusted for settlements for postwar relief and other grants under agreements. Net new credits exclude prior grants converted into credits, as follows: July 1945-Dec. 1954, \$2,256 million; 1956, \$1 million. Repayments on these settlements are included in net new credits. Technically, prior grants recorded into credits amounting to \$273 million are so recorded for convenience, as settlements are still to be reached with the governments in question.

Source: Department of Commerce, Office of Business Economics, quarterly report, *Foreign Grants and Credits by the United States Government*.

## No. 1202. MUTUAL SECURITY PROGRAM—NEW FUNDS AVAILABLE, OBLIGATIONS AND RESERVATIONS, EXPENDITURES, AND RETURNS, BY TYPE OF AID: 1948 TO 1962

[In millions of dollars. For years ending June 30. Comprises public funds authorized and appropriated, statutory transfers, reimbursements from non-MSP accounts, and reimbursements from non-Federal sources. Includes Development Loan Fund beginning 1958. Excludes investment guaranty program and transfers of excess military equipment not chargeable to appropriations. Data adjusted to include direct forces support with military assistance funds. Negative figures occur when the value of adjustments and refunds is greater than the value of expenditures during the period]

YEAR	NEW FUNDS AVAILABLE			OBLIGATIONS AND RESERVATIONS			EXPENDITURES			Returns to Treasury <sup>1</sup>
	Total	Military	Non-military	Total	Military	Non-military	Total	Military	Non-military	
Cumulative to 1962 <sup>2</sup> .....	64,163	30,781	33,382	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Cumulative to 1961 <sup>2</sup> .....	60,204	29,138	31,066	58,630	28,427	30,203	53,370	25,887	27,483	-858
1949 <sup>2</sup> .....	6,461		6,461	6,286		6,286	4,550		4,550	-----
1950.....	5,099	1,314	3,785	4,698	1,101	3,597	3,489	52	3,437	-----
1951.....	7,359	5,223	2,136	7,062	4,677	2,385	3,736	934	2,802	-----
1952.....	7,283	5,268	2,015	7,554	5,591	1,963	4,534	2,386	2,148	-----
1953.....	6,012	4,098	1,914	4,376	2,512	1,864	5,720	3,953	1,767	-122
1954.....	4,724	3,219	1,504	4,030	2,384	1,646	4,876	3,630	1,247	-346
1955.....	2,805	950	1,855	5,018	3,163	1,855	4,250	2,297	1,953	-202
1956.....	2,712	1,024	1,688	2,359		840	1,510	2,620	1,585	-63
1957.....	3,772	2,022	1,750	3,296	1,664	1,631	3,958	2,356	1,602	-50
1958.....	2,775	1,317	1,458	3,451	1,828	1,623	3,622	2,190	1,432	-22
1959.....	3,470	1,543	1,926	3,451	1,612	1,839	3,897	2,368	1,529	-----
1960.....	3,268	1,357	1,901	3,225	1,358	1,867	3,256	1,635	1,621	-9
1961.....	4,464	1,802	2,662	3,824	1,787	2,037	3,276	1,466	1,810	-43
1962.....	3,959	1,643	2,316	(3)	(3)	(3)	(3)	(3)	(3)	(3)

<sup>1</sup> Returns or reserves for return.

<sup>2</sup> From inception of program, April 3, 1948, to June 30 of year indicated.

<sup>3</sup> Not available.

Source: Department of State, Agency for International Development.



## No. 1203. MAJOR U.S. GOVERNMENT FOREIGN ASSISTANCE, BY PROGRAM: 1945 TO 1961

[In millions of dollars. "P.L." means Public Law. See headnote, table 1201]

PROGRAM	Post-war period <sup>1</sup>	July 1945-Dec. 1954	1955	1956	1957	1958	1959	1960	1961
Total, net.....	86,974	52,973	4,909	4,986	5,069	4,926	5,299	4,582	4,229
Investment in 5 international financial institutions <sup>2</sup> .....	5,120	3,385	-----	35	-----	-----	1,375	153	172
Under assistance programs, net.....	81,853	49,588	4,909	4,951	5,069	4,926	5,293	4,429	4,057
Net new grants <sup>3</sup> .....	68,295	40,709	4,605	4,375	4,087	4,010	3,664	3,476	3,369
Gross new grants.....	70,222	42,246	4,655	4,445	4,172	4,060	3,719	3,520	3,404
Military aid.....	29,603	13,993	2,631	2,649	2,496	2,379	2,052	1,822	1,526
Mutual security <sup>4</sup> .....	27,663	12,381	2,631	2,649	2,496	2,379	2,052	1,809	1,616
Military supplies and services.....	20,000	11,067	2,250	2,561	2,374	2,274	1,854	1,603	1,387
Multilateral construction program contributions.....	758	233	84	68	65	81	58	117	53
Vessel loans <sup>5</sup> .....	544	116	82	20	57	23	110	89	77
Chinese and Japanese military aid.....	660	365	294	-----	-----	-----	-----	-----	-----
Other.....	1,641	1,017	-----	-----	-----	-----	-----	14	10
Other aid (economic and technical).....	40,610	28,248	1,975	1,796	1,676	1,682	1,667	1,698	1,877
Mutual security <sup>4</sup> .....	25,770	10,026	1,085	1,450	1,320	1,280	1,355	1,351	1,204
Under authorizations for farm products disposals:									
From P.L. 83-480 <sup>6</sup> foreign currencies.....	496	-----	-----	12	62	99	86	76	162
Famine and other urgent relief.....	785	124	78	109	61	77	60	94	182
Through private welfare agencies <sup>7</sup> .....	1,238	141	187	187	175	160	111	123	155
Payment of transportation.....	200	-----	8	8	30	34	32	34	62
Civilian supplies.....	5,861	5,842	8	1	( <sup>8</sup> )	2	2	2	3
Inter-American and other special country programs.....	1,265	1,113	17	19	28	30	22	19	19
Other.....	5,002	5,002	-----	-----	-----	-----	-----	-----	-----
Less: Reverse grants and returns.....	1,927	1,537	50	71	85	50	55	45	35
Military.....	313	225	9	16	12	11	21	11	8
Mutual security: <sup>4</sup>									
Foreign currency collections.....	105	32	9	16	12	11	8	9	8
Return of vessel loans <sup>5</sup> .....	203	193	-----	-----	( <sup>8</sup> )	12	2	-----	-----
Other aid (economic, technical).....	1,615	1,311	42	55	72	39	34	34	27
Mutual security: <sup>4</sup>									
Foreign currency collections.....	1,054	757	42	52	72	38	34	33	26
Dollar cash returns.....	3	-----	-----	-----	-----	1	-----	1	1
Other.....	558	554	( <sup>8</sup> )	3	-----	-----	-----	-----	( <sup>8</sup> )
Net new credits <sup>3,9</sup> .....	10,604	8,668	-26	18	363	646	4	431	499
New credits.....	18,551	11,665	384	484	1,001	1,180	1,028	1,041	1,767
Under Export-Import Bank Act.....	7,541	4,118	165	219	639	680	493	406	821
Direct loans.....	7,713	4,118	165	223	644	790	511	420	844
Less: Reimbursements by private participants.....	173	-----	-----	4	5	110	17	14	22
Under Mutual Security (and related) Acts.....	3,704	1,758	161	184	219	265	263	353	470
Country program loans <sup>10</sup> .....	3,393	1,624	141	172	178	235	259	334	451
Financing of military sales.....	164	-----	9	12	41	30	34	19	19
Deficiency and basic materials development credits.....	147	134	11	1	( <sup>8</sup> )	-----	-----	-----	-----
Under P.L. 83-480 <sup>6</sup> .....	1,485	-----	48	60	142	236	242	282	475
Loans of foreign currency:									
To foreign governments.....	1,414	-----	48	60	142	234	221	264	444
To private enterprises.....	71	-----	-----	-----	-----	2	21	17	31
Long-term credit sales.....	( <sup>8</sup> )	-----	-----	-----	-----	-----	-----	-----	( <sup>8</sup> )
Lend-lease and surplus property.....	1,562	1,556	-----	6	-----	-----	-----	-----	-----
Other.....	4,280	4,234	10	15	1	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )
Less: Principal collections.....	7,947	2,997	410	466	638	534	1,025	609	1,268
Under Export-Import Bank Act.....	3,988	1,601	213	216	308	308	599	359	384
Under Mutual Security (and related) Acts.....	423	25	13	31	48	51	80	74	102

See footnotes at end of table.

## No. 1203. MAJOR U.S. GOVERNMENT FOREIGN ASSISTANCE, BY PROGRAM: 1945 to 1961—Continued

[In millions of dollars]

PROGRAM	Post-war period <sup>1</sup>	July 1945-Dec. 1954	1955	1956	1957	1958	1959	1960	1961
<b>Net new credits—Continued</b>									
Country program loans <sup>10</sup> .....	190	( <sup>8</sup> )	( <sup>8</sup> )	13	18	23	27	37	71
Financing of military sales.....	121	-----	3	7	15	9	36	26	25
Deficiency and basic materials development credits.....	112	25	10	10	15	19	16	11	6
Under P.L. 83-480 <sup>6</sup> .....	9	-----	-----	-----	-----	( <sup>8</sup> )	2	7	
Loans of foreign currency:									
To foreign governments.....	3	-----	-----	-----	-----	( <sup>8</sup> )	1	1	1
To private enterprises.....	6	-----	-----	-----	-----	-----	1	5	
Lend-lease, surplus property, and grant settlements.....	2,285	558	118	157	269	115	279	112	678
Other.....	1,241	814	66	62	13	60	67	63	97
<b>Other assistance (through net accumulation of foreign currency claims)<sup>11</sup></b>	<b>2,955</b>	<b>211</b>	<b>330</b>	<b>558</b>	<b>619</b>	<b>270</b>	<b>255</b>	<b>522</b>	<b>189</b>
Farm products sales.....	7,389	256	556	1,079	1,233	1,023	925	1,184	1,132
Under Mutual Security Acts.....	2,008	233	282	473	305	216	159	160	181
Under P.L. 83-480 <sup>6</sup> .....	5,348	-----	266	606	929	807	766	1,024	951
Under P.L. 80-806 <sup>12</sup> .....	32	24	8	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )
<b>Less: Currencies disbursed—</b>									
For economic grants and credits to purchasing country.....	3,332	37	144	416	431	567	502	403	740
Under Mutual Security Acts.....	1,382	37	96	345	233	234	175	142	120
Under P.L. 83-480 <sup>6</sup> .....	1,950	-----	48	72	198	333	327	351	620
For economic grants and credits to third countries.....	306	1	39	42	45	53	44	44	37
Under Mutual Security Acts.....	284	1	39	42	40	52	43	37	30
Under P.L. 83-480 <sup>6</sup> .....	22	-----	( <sup>8</sup> )	5	2	1	6	7	
<b>For other uses.....</b>	<b>797</b>	<b>7</b>	<b>43</b>	<b>62</b>	<b>138</b>	<b>132</b>	<b>123</b>	<b>126</b>	<b>160</b>
Under Mutual Security Acts.....	128	1	31	12	23	19	12	15	15
Under P.L. 83-480 <sup>6</sup> .....	641	-----	2	44	112	113	111	111	148
Under P.L. 80-806 <sup>12</sup> .....	20	6	10	6	3	( <sup>8</sup> )	( <sup>8</sup> )	-----	3

<sup>1</sup> July 1, 1945, through Dec. 31, 1961. All lend-lease and conversions of prior grants to credits are from V-J Day (Sept. 2, 1945). For additional details on immediate postwar period, see prior editions of the *Statistical Abstract*.

<sup>2</sup> For detail, see table 1204.

<sup>3</sup> See footnote 2, table 1201.

<sup>4</sup> Includes related programs.

<sup>5</sup> These "loans" are essentially transfers on an indeterminate basis, generally requiring only the return of the identical item, if available. In essence, this was the requirement pertaining to wartime lend-lease transfers of watercraft, which were included as grant transfers in these data.

<sup>6</sup> Agricultural Trade Development and Assistance Act.

<sup>7</sup> Includes donations through United Nations Children's Fund and United Nations Relief and Works Agency for Palestine Refugees.

<sup>8</sup> Less than \$500,000.

<sup>9</sup> Outstanding credits on Dec. 31, 1961, totaled \$13,575,000,000 representing net credits extended since organization of Export-Import Bank, Feb. 12, 1934, less chargeoffs, and net adjustments due to exchange rates (\$22,000,000), and excluding World War I debts.

<sup>10</sup> Includes Development Loan Fund loans.

<sup>11</sup> Equivalent value of currencies still available to be used, including \$2,000,000 advanced from foreign governments and after loss by exchange rate fluctuations (\$401,000,000), was \$2,556,000,000 on Dec. 31, 1961.

<sup>12</sup> Commodity Credit Corporation Charter Act.

Source: Department of Commerce, Office of Business Economics; quarterly report, *Foreign Grants and Credits by the United States Government*.

No. 1204. MAJOR U.S. GOVERNMENT FOREIGN ASSISTANCE, NET, BY COUNTRY:  
1945 TO 1961

[In millions of dollars. See headnote, table 1201]

TYPE AND COUNTRY	Post-war period <sup>1</sup>	July 1945-Dec. 1954	1955	1956	1957	1958	1959	1960	1961
<b>Total</b> .....	86,974	52,973	4,909	4,986	5,069	4,926	5,299	4,582	4,229
Investment in international financial institutions.....	5,120	3,385	-----	35	-----	-----	1,375	153	172
Inter-American Development Bank.....	190	-----	-----	-----	-----	-----	(2)	80	110
International Bank for Reconstruction and Development.....	635	635	-----	-----	-----	-----	-----	-----	-----
International Development Association.....	135	-----	-----	-----	-----	-----	-----	74	62
International Finance Corporation.....	35	-----	-----	35	-----	-----	-----	-----	-----
International Monetary Fund.....	4,125	2,750	-----	-----	-----	-----	1,375	-----	-----
<b>Under assistance programs</b> .....	81,853	49,588	4,909	4,951	5,069	4,926	5,223	4,429	4,057
Military grants.....	29,291	13,773	2,672	2,634	2,483	2,368	2,031	1,812	1,518
Western Europe (excl. Greece and Turkey).....	14,795	8,157	1,423	1,570	1,059	727	822	623	415
Near East (incl. Greece and Turkey) and South Asia.....	4,574	1,725	335	337	511	648	445	332	241
Africa.....	63	4	3	2	9	9	7	12	18
Far East and Pacific.....	8,847	3,541	802	643	814	885	669	743	689
Western Hemisphere.....	700	206	30	56	66	71	59	77	134
Unspecified areas.....	312	140	19	25	25	28	20	24	22
Other grants, credits, and other assistance (through net accumulation of foreign currency claims).....	52,563	35,815	2,237	2,318	2,586	2,559	1,892	2,617	2,539
<b>Western Europe (excl. Greece and Turkey)</b> .....	24,728	24,076	692	351	503	157	-439	-20	-592
Austria.....	1,101	1,010	9	24	25	17	3	9	4
Belgium-Luxembourg.....	697	733	-6	-6	-7	-2	-11	4	-8
Denmark.....	273	282	2	-1	-2	-3	-2	-2	-2
Finland.....	84	86	1	7	-1	(3)	-2	-2	-3
France.....	5,266	5,191	283	46	-49	-16	-76	-48	-68
Germany.....	3,076	3,871	37	25	-11	-23	-205	-20	-587
Iceland.....	62	33	(2)	(2)	6	6	8	6	3
Ireland.....	139	146	-----	-1	-1	-1	-1	-1	-2
Italy (incl. Trieste).....	2,974	2,738	57	71	100	30	-4	10	-28
Netherlands.....	916	1,070	-19	-25	-15	-19	-14	-11	-52
Norway.....	256	311	-1	-9	-12	-11	-9	-7	-6
Portugal.....	80	63	3	9	(2)	1	2	1	1
Spain.....	858	106	89	157	88	131	88	90	109
Sweden.....	104	108	-----	-1	-1	-1	-1	(3)	-1
United Kingdom.....	6,575	6,862	58	-43	242	-52	-323	-89	-81
Yugoslavia.....	1,471	730	130	94	133	100	111	48	125
European Coal and Steel Community.....	92	59	41	-----	-----	-3	-3	-3	-3
European Payments Union.....	238	238	-----	-----	-----	-----	-----	-----	-----
Other <sup>4</sup> and unspecified Western Europe.....	472	430	5	5	7	4	3	4	7
<b>Eastern Europe</b> .....	1,493	1,099	-1	-3	63	98	61	123	52
Albania.....	20	20	-----	-----	-----	-----	-----	-----	-----
Czechoslovakia.....	191	189	2	-----	-----	-----	-----	-----	-----
Eastern Germany.....	17	15	2	(2)	(2)	(2)	(3)	-----	-----
Hungary.....	26	18	(2)	3	7	(3)	(3)	-1	(3)
Poland.....	823	430	-5	-6	56	99	66	127	56
U.S.S.R.....	415	426	(3)	-----	-----	-----	-4	-4	-4
<b>Near East (incl. Greece and Turkey) and South Asia</b> .....	8,703	2,613	551	687	620	788	986	1,226	1,232
Afghanistan.....	138	25	6	13	13	19	19	13	30
Ceylon.....	66	(2)	(2)	2	8	21	10	7	9
Cyprus.....	8	-----	-----	-----	-----	-----	-----	2	6
Greece.....	1,539	1,249	75	69	31	23	37	27	30
India.....	2,158	282	118	119	187	243	320	522	369

See footnotes at end of table.

No. 1204. MAJOR U.S. GOVERNMENT FOREIGN ASSISTANCE, NET, BY COUNTRY:  
1945 TO 1961—Continued

[In millions of dollars]

TYPE AND COUNTRY	Post-war period <sup>1</sup>	July 1945-Dec. 1954	1955	1956	1957	1958	1959	1960	1961
<b>Near East—Continued</b>									
Iran.....	620	147	64	61	47	50	91	33	128
Iraq.....	21	4	3	3	3	4	2	1	1
Israel.....	672	344	46	57	35	51	56	41	41
Jordan.....	291	13	14	5	20	57	60	62	61
Lebanon.....	80	9	7	5	4	28	10	10	8
Nepal.....	34	1	2	2	2	6	3	8	10
Pakistan.....	1,160	111	67	154	100	145	142	229	213
Saudi Arabia.....	23	14	—1	—1	( <sup>2</sup> )	( <sup>2</sup> )	4	8	1
Syria.....	27	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	10	10
Turkey.....	1,132	288	97	123	141	122	111	100	161
United Arab Republic.....	406	14	27	48	8	2	75	116	117
Yemen.....	15	—	—	—	—	—	6	5	5
UNRWA <sup>2</sup> .....	282	108	23	27	22	16	27	22	37
Other <sup>3</sup> and unspecified Near East and South Asia.....	31	4	4	1	2	5	5	5	6
<b>Africa</b>									
Algeria.....	583	84	59	45	44	69	122	178	282
British East Africa <sup>4</sup> .....	5	1	( <sup>3</sup> )	( <sup>3</sup> )	1	( <sup>3</sup> )	1	1	2
Chad.....	16	2	( <sup>2</sup> )	1	( <sup>2</sup> )	2	( <sup>2</sup> )	1	9
Congo (Leopoldville).....	2	—	( <sup>2</sup> )	2	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1	20
Entente States <sup>5</sup> .....	40	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1	2
Ethiopia (incl. Eritrea).....	3	—	—	—	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1	1
Ghana.....	56	5	4	3	7	6	10	7	14
Guinea.....	3	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1	1	2	2
Liberia.....	77	23	2	3	5	8	9	8	19
Libya.....	163	8	17	13	17	18	33	34	24
Malagasy Republic.....	2	—	( <sup>2</sup> )	1	( <sup>3</sup> )	—	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Mali.....	2	—	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	—	( <sup>2</sup> )	( <sup>2</sup> )	2
Morocco.....	246	10	—2	—1	18	26	46	60	89
Nigeria.....	9	1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1	2	6
Rhodesia and Nyasaland.....	15	32	15	9	—7	—8	—8	—11	—6
Somali Republic.....	11	—	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	2	1	3	4
South Africa.....	—25	—1	21	11	—5	—14	—13	—13	—13
Sudan.....	43	—	( <sup>2</sup> )	( <sup>2</sup> )	—	1	9	17	16
Togo.....	2	—	—	—	—	—	( <sup>2</sup> )	1	1
Tunisia.....	199	( <sup>2</sup> )	1	3	6	26	30	55	76
Other <sup>3</sup> and unspecified Africa.....	10	4	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1	1	4
<b>Far East and Pacific</b>									
Australia.....	11,746	5,969	784	1,004	977	785	716	777	733
Burma.....	6	2	—1	—8	—2	—2	2	—3	18
Cambodia <sup>10</sup> .....	77	22	( <sup>2</sup> )	3	18	3	14	13	5
China (Taiwan).....	208	( <sup>2</sup> )	28	41	32	37	21	25	24
Hong Kong.....	1,865	1,149	109	112	98	84	86	109	118
Indochina <sup>10</sup> .....	26	1	1	4	4	3	4	5	5
Indonesia.....	109	100	7	2	—	—	—	—	—
Japan.....	489	239	9	51	51	24	17	45	53
Korea.....	2,557	2,237	65	123	47	—6	48	17	25
Laos <sup>10</sup> .....	3,056	1,079	279	307	373	311	232	255	220
Malaya.....	276	( <sup>2</sup> )	37	52	38	30	35	33	50
New Zealand.....	4	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1	2
Philippines.....	9	6	( <sup>2</sup> )	12	—2	—2	—2	—1	—2
Ryukyu Islands.....	908	810	21	28	39	42	24	23	11
	250	219	2	2	5	5	3	9	4

See footnotes at end of table.

No. 1204. MAJOR U.S. GOVERNMENT FOREIGN ASSISTANCE, NET, BY COUNTRY:  
1945 to 1961—Continued

(In millions of dollars)

TYPE AND COUNTRY	Post-war period <sup>1</sup>	July 1945–Dec. 1954	1955	1956	1957	1958	1959	1960	1961
<b>Far East and Pacific—Continued</b>									
Thailand.....	257	23	16	39	33	30	47	42	28
Trust Territory of the Pacific Islands.....	63	25	5	5	5	6	5	5	6
Viet-Nam <sup>10</sup> .....	1,440	41	203	229	236	218	177	185	150
Other <sup>11</sup> and unspecified Far East and Pacific.....	56	16	2	1	1	2	5	14	14
<b>American Republics.....</b>	<b>3,343</b>	<b>1,025</b>	<b>110</b>	<b>155</b>	<b>253</b>	<b>575</b>	<b>340</b>	<b>187</b>	<b>698</b>
Argentina.....	302	91	-5	12	-6	48	73	47	42
Bolivia.....	215	56	21	31	25	22	22	13	23
Brazil.....	1,005	433	37	28	16	145	35	41	269
Chile.....	335	85	-1	10	32	47	33	8	120
Colombia.....	228	28	2	10	10	92	32	-8	53
Costa Rica.....	58	12	5	3	9	10	8	4	7
Cuba.....	40	15	3	-3	9	11	6	(2)	(2)
Dominican Republic.....	(2)	-1	1	(2)	(2)	(2)	(2)	(2)	(2)
Ecuador.....	62	22	6	8	4	3	2	7	11
El Salvador.....	18	3	1	1	1	1	1	1	8
Guatemala.....	118	12	11	20	23	12	9	16	14
Haiti.....	81	13	14	9	4	5	13	10	14
Honduras.....	33	4	2	2	3	5	6	5	8
Mexico.....	418	236	-10	-8	23	78	12	3	84
Nicaragua.....	39	6	2	2	3	5	4	8	9
Panama.....	52	8	3	3	5	7	6	12	9
Paraguay.....	42	3	1	5	8	4	7	6	9
Peru.....	195	20	13	24	53	60	52	-16	-21
Uruguay.....	45	4	(2)	(2)	4	-1	13	20	2
Venezuela.....	45	6	(2)	-3	-1	7	-3	0	32
Other <sup>12</sup> and unspecified American Republics.....	13	-40	2	1	19	14	7	3	7
<b>Other Western Hemisphere.....</b>	<b>13</b>	<b>24</b>	<b>-8</b>	<b>-4</b>	<b>-1</b>	<b>-7</b>	<b>-2</b>	<b>5</b>	<b>6</b>
British Guiana.....	2	(2)	(2)	(2)	(2)	(2)	(2)	(2)	1
Canada.....	-7	8	-9	-5	-1	(3)	(3)	(3)	1
Surinam.....	3	(2)	(2)	(2)	(2)	(2)	(2)	(2)	1
The West Indies.....	12	16	(2)	(2)	-1	-8	-3	4	4
Other <sup>13</sup> and unspecified Western Hemisphere.....	3	(2)	(2)	(2)	(2)	1	1	(2)	(2)
<b>Other international organizations and unspecified areas.....</b>	<b>1,653</b>	<b>925</b>	<b>51</b>	<b>82</b>	<b>127</b>	<b>92</b>	<b>107</b>	<b>141</b>	<b>126</b>

<sup>1</sup> July 1, 1945, through Dec. 31, 1961. All lend-lease and conversions of prior grants to credits are from V-J Day (Sept. 2, 1945). For additional details on immediate postwar period, see prior editions of the *Statistical Abstract*.<sup>2</sup> Less than \$500,000.<sup>3</sup> Net minus (-) of less than \$500,000.<sup>4</sup> Comprises Malta, San Marino, Switzerland, European Productivity Agency, North Atlantic Treaty Organization, and Organization for European Economic Cooperation.<sup>5</sup> United Nations Relief and Works Agency for Palestine Refugees.<sup>6</sup> Comprises Aden, Bahrain, and Portuguese India.<sup>7</sup> Comprises Kenya, Tanganyika, and Uganda.<sup>8</sup> Comprises Dahomey, Ivory Coast, Niger, and Upper Volta.<sup>9</sup> Comprises Cameroun, Canary Islands, Central African Republic, Congo (Brazzaville), Gabon, Gambia, Mauritania, Ruandi-Urundi, St. Helena, Senegal, and Sierra Leone.<sup>10</sup> Separate detail data for Cambodia, Laos, and Viet-Nam became available during 1954. For earlier periods, total data are shown as Indochina. Some unspecified transactions occurred in 1955 and 1956.<sup>11</sup> Comprises British Borneo, Macao, Netherlands New Guinea, New Caledonia, and Singapore.<sup>12</sup> Comprises Central American Bank for Economic Integration, Inter-American Institute of Agricultural Sciences, Organization of American States, and Pan American Health Organization.<sup>13</sup> Comprises Bahamas, British Honduras, British Virgin Islands, French Guiana, and French West Indies.Source: Department of Commerce, Office of Business Economics; quarterly report, *Foreign Grants and Credits by the United States Government*.

# No. 1205. MUTUAL SECURITY PROGRAM—NONMILITARY ASSISTANCE OBLIGATIONS, BY REGION AND COUNTRY: 1948 TO 1961

[In thousands of dollars. For years ending June 30. Obligations shown represent net activity during a fiscal year (including deb obligations and reobligations) irrespective of fiscal years' funds; negative figures occur when the value of adjustments and refunds is greater than the value of new obligations during the period. Excludes dollar obligations for surplus agricultural commodities to be sold for foreign currencies which are used for military assistance (off-shore purchases) and other military purposes; allocations to other agencies; allocations from Department of Defense; allocations from Department of Agriculture; commodity data for Public Law 480, Title II (except ocean freight in 1955 and 1956 which was chargeable to MSP funds in those years); and trust fund accounts]

PROGRAM AND COUNTRY	Total, 1948- 1961	1948- 1956 <sup>1</sup>	1957	1958	1959	1960	1961
<b>Total, nonmilitary pro-grams</b>	<b>31,062,593</b>	<b>22,017,725</b>	<b>1,628,060</b>	<b>1,620,351</b>	<b>1,918,710</b>	<b>1,866,318</b>	<b>2,011,339</b>
International Cooperation Administration	27,858,852	21,453,205	1,498,414	1,221,080	1,247,068	1,235,402	1,203,083
Development Loan Fund Authorizations <sup>2</sup>	1,980,153			267,386	564,884	523,790	630,063
Other agency programs	1,217,498	564,520	129,646	131,285	106,758	107,126	178,163
<b>ICA AND DLF PROGRAMS, BY COUNTRY</b>							
<b>Far East</b>	<b>6,747,551</b>	<b>3,516,412</b>	<b>792,818</b>	<b>643,152</b>	<b>715,424</b>	<b>590,672</b>	<b>489,073</b>
Burma	49,542	19,552	50	24,200	8,302	-2,748	186
Cambodia	216,515	83,004	34,380	28,025	25,564	23,000	22,542
China (Taiwan)	1,210,386	766,577	82,950	87,276	79,802	109,274	84,507
Indochina <sup>3</sup>	825,610	342,197	-11,757	-3,692	-872	-266	
Indonesia	205,364	142,190	10,983	21,257	16,857	6,948	7,129
Japan	21,962	12,143	2,267	2,466	2,474	1,722	800
Korea	1,930,769	786,893	303,879	225,694	227,881	200,390	186,032
Laos	262,239	89,238	44,424	31,219	24,979	41,876	30,503
Malaya	20,000				20,000		
Philippines	275,299	186,114	32,900	19,162	67,335	17,785	1,523
Thailand	262,814	110,893	34,206	25,824	44,747	23,480	23,053
Viet-Nam	1,462,327	626,630	258,260	178,424	200,475	168,444	131,085
Regional	4,722	1,976	265	3,207	-2,622	785	1,021
<b>Near East and South Asia</b>	<b>5,561,275</b>	<b>2,709,541</b>	<b>397,768</b>	<b>454,468</b>	<b>599,284</b>	<b>706,419</b>	<b>693,855</b>
Afghanistan	90,655	25,118	14,247	7,889	19,887	16,814	12,700
Ceylon	23,211	5,009	6,065	4,652	1,649	5,947	-111
Cyprus	15						15
Greece	1,019,735	868,809	25,473	27,728	20,748	56,609	20,368
India	973,900	334,430	65,290	81,087	126,772	179,038	187,283
Iran	515,015	271,160	47,118	61,371	46,013	37,419	61,944
Iraq	17,361	9,769	3,542	2,755	136	416	743
Israel	374,231	256,614	26,768	23,929	10,123	23,475	24,322
Jordan	230,346	32,737	21,116	32,611	48,996	47,598	47,288
Lebanon	58,260	23,100	11,863	2,460	19,065	1,254	509
Nepal	22,641	5,778	4,278	3,895	2,430	2,507	3,753
Pakistan	919,341	244,325	96,678	92,885	162,655	198,637	124,161
Saudi Arabia	27,376	2,358	19	24,999			
Syria	8,200				1,000	7,200	
Turkey	1,134,083	561,316	57,664	81,687	141,804	91,515	200,097
United Arab Rep. (Egypt)	84,490	61,662	16	-708	580	21,103	1,897
Yemen	7,281				307	2,980	3,994
Central Treaty Organization	25,012		12,747	22	-374	11,481	1,786
Regional	24,123	7,365	4,884	17,198	-10,907	2,478	3,105
<b>Latin America</b>	<b>786,325</b>	<b>180,769</b>	<b>75,954</b>	<b>72,157</b>	<b>114,555</b>	<b>94,826</b>	<b>248,064</b>
Argentina	33,298	100	-16	157	25,213	1,006	6,838
Bolivia	157,030	48,354	22,817	21,972	23,878	13,367	20,652
Brazil	45,208	15,913	4,021	4,271	6,288	7,916	6,799
Chile	65,809	7,957	3,049	2,850	3,077	17,823	31,053
Colombia	38,792	5,490	1,092	930	1,575	2,164	27,541
Costa Rica	20,765	4,616	2,817	991	1,283	1,213	9,845
Cuba	2,837	1,460	534	438	189	215	
Dominican Republic	2,127	1,284	161	171	212	249	60
Ecuador	38,162	6,640	3,695	4,074	6,560	8,151	9,042
El Salvador	9,817	3,439	961	922	904	874	2,717
Guatemala	89,656	25,426	17,429	12,364	8,195	5,810	20,432
Haiti	49,820	11,351	2,091	3,451	11,304	10,925	10,707
Honduras	26,092	4,740	4,176	6,854	1,686	3,873	4,763
Mexico	7,912	4,774	387	499	640	581	1,081
Nicaragua	27,448	3,375	545	688	1,621	3,285	7,934
Panama	28,823	5,594	2,940	1,376	1,451	1,569	15,587
Paraguay	31,550	7,117	2,459	4,914	5,230	2,323	9,507
Peru	57,040	11,015	4,554	2,669	2,625	7,213	28,904
Uruguay	10,679	1,228	222	71	9,026	59	73
Venezuela	18,338	701	128	150	134	55	15,170
West Indies	9,987	140	174	224	876	4,064	4,519
Overses territories	4,325	1,080	210	477	616	873	1,199
Regional	23,102	9,004	1,502	1,644	2,072	1,288	7,592

See footnotes at end of table.

## Mutual Security Aid

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## No. 1205. MUTUAL SECURITY PROGRAM—NONMILITARY ASSISTANCE OBLIGATIONS, BY REGION AND COUNTRY: 1948 TO 1961—Continued

[In thousands of dollars]

PROGRAM AND COUNTRY	Total, 1948-1961	1948-1956 <sup>1</sup>	1957	1958	1959	1960	1961
<b>Africa</b> .....	722,817	63,230	60,852	82,344	149,499	166,291	197,602
Cameroons.....	1,098						1,098
Central African Republic.....	46						46
Chad.....	56						56
Congo (Brazzaville).....	54						54
Congo (Leopoldville).....	42,488	147	8			49	2,378
Dahomey.....	308						308
Ethiopia.....	75,799	12,274	9,713	4,874	6,494	4,417	38,027
Gabon.....	54						54
Ghana.....	24,070		729	190	983	778	21,390
Guinea.....	2,306					2,100	206
Ivory Coast.....	385						385
Kenya.....	45,000	4,464	8		342	139	318
Liberia.....	29,179	7,323	1,623	2,338	6,326	5,416	6,154
Libya.....	110,500	17,335	19,150	22,629	17,521	17,757	16,102
Malagasy.....	509						509
Mali, Republic of.....	2,496						2,496
Mauritania.....	41,462	1,430					44
Morocco.....	208,942		20,067	30,472	45,325	74,574	38,504
Niger.....	702						702
Nigeria.....	418,791	1,402	494	100	1,566	1,841	13,032
Rhodesia and Nyasaland.....	410,874	10,074	37	23	51	150	585
Senegal.....	3,642						3,642
Sierra Leone.....	4746	97				235	496
Somali Republic.....	12,844	1,039	1,389	635	3,074	2,631	4,076
Sudan.....	51,150			422	30,902	12,801	7,025
Tanganyika.....	42,547				3	71	2,471
Togo.....	1,147						1,147
Tunisia.....	137,401		8,489	20,566	25,925	45,639	36,732
Uganda.....	4768	367		147	64	153	42
Upper Volta.....	1,433						1,433
Regional and other.....	415,020	7,554	38	64	10,908	397	-2,911
<b>Europe</b> .....	15,144,863	14,613,535	106,763	84,984	152,798	95,955	90,828
Austria.....	723,484	723,465	19				
Belgium-Luxembourg.....	558,702	558,753	-47	-4			
Denmark.....	279,319	279,319					
France.....	3,183,744	3,192,224	-24	-12	66	-8,500	-10
Germany (Berlin) <sup>2</sup> .....	1,584,479	1,546,120	10,659	8,113	9,442	6,139	4,000
Iceland.....	59,435	34,634	8,364	5,000	2,999	3,000	5,438
Ireland.....	146,186	146,186					
Italy.....	1,646,069	1,644,896	-206	164	217	-1	-1
Netherlands.....	990,238	987,238		3,000			
Norway.....	274,794	274,874	-78	-3	1		
Portugal.....	49,806	49,806					
Spain.....	564,616	290,440	70,020	55,065	74,873	48,098	25,220
Sweden.....	106,830	106,830					
United Kingdom.....	3,828,889	3,828,867	-8	-3	33		
Yugoslavia.....	560,672	370,712	14,775	11,413	63,087	44,014	55,971
W. Europe Tech. Exch.....	67,499	64,587	1,831	601	424	-153	210
Regional and other.....	521,201	514,582	1,455	1,644	1,661	1,861	-2
<b>Asian Economic Development Fund</b> .....	91,408	252	1,892	86,382	749	2,282	-149
<b>Interregional</b> .....	789,839	369,469	61,500	65,697	79,443	99,901	113,829
Malaria eradication.....	86,078			12,080	19,579	27,578	27,441
Administrative and Control Act expenses.....	399,077	204,649	35,315	35,201	37,614	40,528	45,770
Other.....	304,084	164,820	26,185	18,415	22,250	31,795	40,618
<b>Undistributed and adjustments</b> .....	922		865	-59	197	-155	74

<sup>1</sup> April 3, 1948, through June 30, 1956.<sup>2</sup> Includes Administrative expenses: 1959—\$1,214,000; 1960—\$1,600,000; and 1961—\$1,875,000.<sup>3</sup> Aid to Associated States, prior to independence of Viet-Nam, Cambodia, and Laos.<sup>4</sup> Estimated.<sup>5</sup> Beginning 1954, all aid programed for Berlin.Source: Department of State, Agency for International Development; *Operations Report*, issued quarterly, and records.

# **No. 1206. MUTUAL SECURITY PROGRAM—DEVELOPMENT LOAN FUND: LOANS AUTHORIZED, SIGNED, AND EXPENDED, BY REGION AND COUNTRY: 1958 TO 1961**

[In thousands of dollars. For years ending June 30. The Development Loan Fund was established by Congress in 1957 and incorporated as an independent agency in 1958, subject to the foreign policy guidance of the Secretary of State, to provide financing for economic development in the less-developed countries of the world. "Loans authorized" represents actions by the DLF Board of Directors to establish loans subject to acceptance of terms and conditions by borrowers; funds are set aside at time of authorization. Following acceptance, individual loan agreements are negotiated, and when signed by borrowers and the DLF, recorded as formal obligations]

REGION AND COUNTRY	LOANS AUTHORIZED BY YEAR					Total loans signed (obligations) by June 30, 1961	Total expenditures on loans by June 30, 1961
	Total loans authorized by June 30, 1961	1958	1959	1960	1961		
<b>Total development loans<sup>1</sup></b>	<b>1,986,153</b>	<b>267,386</b>	<b>564,884</b>	<b>523,790</b>	<b>630,093</b>	<b>1,679,176</b>	<b>542,144</b>
<b>Near East and South Asia</b>	<b>1,202,475</b>	<b>208,350</b>	<b>264,050</b>	<b>382,550</b>	<b>377,525</b>	<b>1,050,475</b>	<b>373,460</b>
Near East	417,655	77,000	95,400	74,050	171,205	394,655	124,852
Greece	43,000	12,000		31,000		43,000	11,278
Iran	114,855	40,000	37,700		37,155	102,855	80,891
Israel	56,000	15,000	10,000	15,000	16,000	46,000	27,981
Jordan	3,700		3,700	-1,000	1,000	2,700	1,207
Lebanon	5,900		5,500	400		5,900	664
Syria	8,200		1,000	7,200		8,200	688
Turkey	170,800	10,000	37,500	6,000	117,300	170,800	2,434
UAR (Egypt)	15,200			15,450	-250	15,200	
<b>South Asia</b>	<b>784,820</b>	<b>116,850</b>	<b>183,150</b>	<b>278,500</b>	<b>206,820</b>	<b>655,820</b>	<b>248,608</b>
Afghanistan	700			700			
Ceylon	6,326	3,250		4,500	-1,424	6,326	2,161
India	546,400	75,000	120,000	171,300	180,100	423,300	174,335
Nepal	400				400	400	
Pakistan	230,994	38,600	63,150	102,000	27,244	225,794	72,111
Other or not identified by country		14,500	-14,500				
<b>Far East</b>	<b>273,626</b>	<b>38,236</b>	<b>135,490</b>	<b>53,650</b>	<b>46,250</b>	<b>270,326</b>	<b>49,790</b>
China (Taiwan)	114,136	27,880	7,100	40,250	38,900	114,136	25,204
Indonesia	11,600		9,000	2,600		11,600	2,100
Korea	25,340	5,600	12,140	1,100	6,500	22,040	3,718
Malaya	20,000		20,000			20,000	1,549
Philippines	40,150		50,000		-9,850	40,150	7,964
Thailand	22,500	1,750	20,750			22,500	9,195
Viet-Nam	39,900		19,500	9,700	10,700	39,900	30
Other or not identified by country		3,000	-3,000				
<b>Latin America</b>	<b>227,660</b>	<b>8,500</b>	<b>57,290</b>	<b>28,600</b>	<b>133,270</b>	<b>126,035</b>	<b>46,812</b>
Argentina	30,750		24,750		6,000	30,750	24,013
Bolivia	7,750		4,000		3,750	5,750	2,546
Brazil	240		540			240	210
Chile	19,000		300	10,500	8,200	19,000	
Colombia	25,000				25,000		
Costa Rica	8,925		300		8,625	300	300
Ecuador	16,736		4,700	5,300	6,736	9,936	5,493
El Salvador	1,000				1,600		
Guatemala	12,898		5,400		7,499	12,898	399
Haiti	4,850		4,300	3,300	-2,750	4,600	2,173
Honduras	7,800	5,000		2,800		7,800	2,249
Nicaragua	10,200		600	2,500	7,100	3,100	500
Panama	7,800				7,800	5,300	
Paraguay	14,810	3,500	3,600		7,710	7,080	5,854
Peru	30,500			4,500	26,000	5,500	
Uruguay	8,800		8,800			8,800	2,475
Venezuela	15,000				15,000	5,000	
Central American Bank	5,000				5,000		
<b>Africa</b>	<b>140,584</b>	<b>9,300</b>	<b>31,540</b>	<b>46,450</b>	<b>53,294</b>	<b>90,532</b>	<b>16,545</b>
Ethiopia	29,630		500		29,130	2,680	476
Ghana	20,000				20,000		
Liberia	3,190		3,190			3,190	314
Libya	5,000	5,000				5,000	3,365
Morocco	23,000			23,000		23,000	
Nigeria	3,764		2,000		2,964	664	664
Somali Republic	2,000		2,000			2,000	81
Sudan	10,000		10,000			10,000	6,804
Tanganyika	1,900				1,900	1,900	
Tunisia	42,100	4,300	4,350	23,450	10,000	42,100	4,841
Other or not identified by country			10,700		-10,700		
<b>Europe</b>	<b>137,029</b>	<b>3,000</b>	<b>75,300</b>	<b>40,850</b>	<b>17,879</b>	<b>137,029</b>	<b>51,040</b>
Netherlands	3,000	3,000				3,000	3,000
Spain	17,029		23,800	3,050	-8,821	17,029	7,513
Yugoslavia	117,000		51,500	37,800	27,700	117,000	40,527

<sup>1</sup> Beginning 1959, includes administrative expenses. Negative figures represent cancellations or reductions.

Source: Department of State, Agency for International Development.



# No. 1207. MUTUAL SECURITY PROGRAM—EXPENDITURES FOR COMMODITIES, BY AREA OF SOURCE: 1961

[In thousands of dollars. For year ending June 30. Data cover total dollar expenditures for commodities by International Cooperation Administration and Development Loan Fund from Mutual Security appropriations under the nonmilitary aid program, including expenditures for surplus agricultural commodities sold for foreign currencies. Negative figures occur when the value of adjustments and refunds is greater than the value of new expenditures during the period.]

COMMODITY GROUP	Total commodity expenditures	AREA OF SOURCE							
		United States	Europe	Far East	Near East and South Asia	Latin America	Canada	Africa	Other
<b>Total commodities</b> .....	1,222,560	554,358	379,263	229,131	28,733	12,594	6,243	6,185	6,053
<b>Food stuffs</b> .....	131,750	101,920	10,919	2,022	4,344	10,338	-----	2,100	105
Bread grains.....	58,977	58,977	-----	-----	-----	-----	-----	-----	-----
Fats and oils.....	29,894	29,835	59	-----	-----	-----	-----	-----	-----
Sugar.....	29,771	-----	10,860	2,022	4,344	10,338	-----	2,100	105
Dairy products.....	12,004	12,004	-----	-----	-----	-----	-----	-----	-----
Other foodstuffs.....	504	504	-----	-----	-----	-----	-----	-----	-----
<b>Feed and fertilizer</b> .....	70,952	38,452	7,036	22,835	-----	14	879	1,734	-----
Fertilizer.....	49,100	16,838	7,055	22,835	-----	14	879	1,734	-----
Coarse grains.....	20,534	20,608	-24	-----	-----	-----	-----	-----	-----
Feeds and fodder.....	1,231	1,226	5	-----	-----	-----	-----	-----	-----
Seeds, other than oilseeds.....	35	35	-----	-----	-----	-----	-----	-----	-----
<b>Fuel</b> .....	79,774	26,577	7,926	27,410	16,685	861	-----	123	202
Petroleum and products.....	74,185	22,276	7,858	26,360	16,687	861	-----	123	2
Coal and related fuels.....	5,589	4,301	41	1,050	-2	-----	-----	-----	200
<b>Cotton</b> .....	42,538	42,538	-----	-----	-----	-----	-----	-----	-----
<b>Other raw materials and semi-finished products</b> .....	410,900	105,537	166,577	124,901	5,924	1,158	3,202	1,785	1,816
Iron and steel mill products.....	221,653	56,747	101,035	61,070	977	-----	1,002	140	-221
Chemicals.....	83,215	32,466	40,684	8,116	225	640	121	1,100	-195
Fabricated basic textiles.....	30,686	1,654	5,441	21,141	2,146	172	130	-----	-----
Nonmetallic minerals.....	17,483	1,249	2,087	13,129	785	198	45	-----	-10
Lumber and manufactures.....	15,529	3,540	597	11,388	8	-----	-----	-----	-----
Nonferrous metals and products.....	14,281	2,321	5,463	4,837	27	7	1,538	43	45
Pulp and paper.....	10,736	3,967	3,854	2,476	74	-----	866	-----	2
Coal tar dyestuffs.....	5,990	382	5,167	452	1	-----	-----	-----	-----
Wool, unmanufactured.....	4,544	-----	1,825	218	-----	-----	-----	240	2,262
Hides and skins.....	3,793	3,206	310	-----	-----	25	-----	202	49
Miscellaneous fibers and products.....	2,817	-----	57	1,090	1,670	116	-----	-----	-116
Metallic ores and concentrates.....	91	4	-----	87	-----	-----	-----	-----	-----
Leather and products.....	81	1	69	-----	11	-----	-----	-----	-----
<b>Machinery and vehicles</b> .....	416,003	206,351	165,935	37,227	1,035	233	1,703	182	3,277
Machinery and equipment.....	250,491	94,767	122,204	29,206	1,022	227	1,467	164	1,435
Motor vehicles.....	76,540	40,996	33,450	1,657	3	-----	236	11	189
Railroad transportation equipment.....	74,313	65,906	3,009	5,390	-----	-----	-----	-----	7
Vessels and equipment.....	5,295	812	2,755	75	-----	-----	-----	-----	1,644
Aircraft engines and parts.....	1,886	1,548	329	-----	10	-----	-----	-----	-1
Miscellaneous vehicles.....	7,478	2,322	4,243	890	-----	5	-----	7	3
<b>Miscellaneous</b> .....	70,651	32,987	20,814	14,734	744	-----	458	262	653
Rubber and products.....	38,829	8,919	15,785	12,957	628	-1	240	259	44
Tobacco.....	16,521	16,521	-----	-----	-----	-----	-----	-----	-----
Scientific and professional instruments.....	3,840	1,336	1,490	494	-----	-----	11	1	3
Miscellaneous industrial commodities.....	6,074	4,261	1,297	450	24	-----	6	2	24
Miscellaneous iron and steel manufactures.....	4,526	1,335	2,183	788	16	-----	201	-----	2
Other commodities and adjustments.....	863	113	57	36	76	1	-----	-----	580

Source: Department of State, Agency for International Development; *Operations Report*, issued quarterly, and records.

## No. 1208. FOREIGN TRADE OF THE UNITED STATES—SUMMARY: 1936 TO 1961

[In millions of dollars. For basis of dollar values and area coverage, see text, pp. 856, 857. See also *Historical Statistics, Colonial Times to 1957*, series U 4-9, for gold and silver]

ITEM	1936-1940, avg.	1941-1945, avg.	1946-1950, avg.	1951-1955, avg.	1956-1960, avg.	1958	1959	1960	1961
<b>Merchandise:</b>									
Exports (incl. reexports).....	3,220	10,051	11,829	15,333	19,204	17,910	17,622	20,550	20,874
Special Category Type 1 <sup>1</sup> .....				1,347	491	506	561	358	303
Special Category Type 2 <sup>1</sup> .....				950	1,364	1,485	1,146	1,367	1,466
Exports, excl. Special Category <sup>1</sup> .....				13,035	17,350	15,919	15,915	18,835	19,105
U. S. merchandise.....	3,167	9,922	11,673	15,196	19,029	17,745	17,438	20,349	20,629
Reexports of foreign merchandise.....	53	129	157	137	176	165	183	203	245
<b>General imports</b> .....	2,482	3,514	6,659	10,832	13,650	12,792	15,207	14,654	14,449
Entered for immediate consumption.....	2,093	3,055	5,895	9,850	12,491	11,780	13,908	13,282	13,091
Entered for warehouse.....	389	459	764	982	1,159	1,012	1,299	1,372	1,358
<b>Excess of exports</b> .....	738	6,537	5,170	4,501	5,544	5,118	2,414	5,896	6,425
<b>Imports for consumption</b> .....	2,440	3,476	6,584	10,784	13,570	12,739	14,994	14,650	14,357
Entered for immediate consumption.....	2,093	3,055	5,895	9,850	12,491	11,780	13,908	13,282	13,091
Withdrawn from warehouse.....	347	421	688	934	1,079	959	1,086	1,368	1,266
Free.....	1,476	2,294	3,843	5,975	8,843	8,342	8,823	8,780	8,615
Dutiable.....	964	1,182	2,741	4,809	7,727	7,398	6,170	8,870	8,742
Percent free.....	60.48	66.00	58.37	55.41	43.06	41.93	38.84	39.45	30.10
Duties calculated <sup>2</sup> .....	365	380	430	582	882	821	1,052	1,084	1,057
Ratio of duties (percent):									
To total imports for consumption.....	14.96	10.92	6.67	5.39	6.50	6.44	7.02	7.40	7.36
To dutiable imports.....	37.87	32.13	16.03	12.09	11.42	11.09	11.53	12.22	12.09
<b>Gold:</b>									
Exports.....	17	238	271	152	46	31	2	2	775
Imports.....	2,616	322	1,106	202	267	291	304	335	66
Excess of exports (+) or imports (-).....	-2,599	-83	-835	-50	-221	-260	-302	-333	+719
<b>Silver:</b>									
Exports.....	10	51	22	7	12	4	10	26	38
Imports.....	130	33	76	84	108	132	63	57	48
Excess of exports (+) or imports (-).....	-120	+18	-54	-77	-96	-128	-53	-32	-8

<sup>1</sup> Effective Jan. 1950, exports of certain commodities were grouped into Special Categories for security reasons. Data for 1957 and subsequent years reflect changes made in list of Special Category commodities during 1957. Also, data for all periods reflect the declassification during 1960 of certain aviation fuels previously classified as Special Category commodities.

<sup>2</sup> 1947-1959, data from Bureau of Customs and represent unrevised figures based on reports at time of entry.

## No. 1209. EXPORTS AND IMPORTS OF MERCHANDISE, GOLD, AND SILVER: 1921 TO 1961

[In millions of dollars, except per capita. For basis of dollar values and for area coverage, see text, pp. 856, 857. Beginning 1940, per capita figures based on estimated population including Armed Forces abroad. See also *Historical Statistics, Colonial Times to 1957*, series U 1-3 and U 10-14]

YEARLY AVERAGE OR YEAR	TOTAL MERCHANDISE, GOLD, AND SILVER			MERCHANDISE						
	Exports	Imports	Excess of exports (+) or im- ports (-)	Total	Exports		Reex- ports	Imports		Excess of exports (+) or im- ports (-)
					U.S. merchan- dise			General	Per capita <sup>1</sup>	
					Total	Per capita				
1921-1925-----	4,559	3,867	+692	4,397	4,310	\$38.05	87	3,450	\$30.22	+947
1926-1930-----	5,078	4,349	+729	4,777	4,688	38.50	90	4,033	33.02	+744
1931-1935-----	2,384	2,646	-262	2,025	1,989	15.55	36	1,713	13.33	+312
1936-1940-----	3,240	5,228	-1,981	3,220	3,167	23.95	53	2,482	18.45	+737
1941-1945-----	10,341	3,869	+6,472	10,051	9,922	71.12	129	3,514	24.91	+6,537
1946-1950-----	12,123	7,841	+4,282	11,829	11,673	78.16	157	6,669	44.08	+5,170
1951-1955-----	15,492	11,117	+4,375	15,333	15,196	93.49	137	10,832	66.35	+4,502
1956-1960-----	19,262	14,025	+5,237	19,204	19,029	107.42	176	13,650	76.60	+5,554
1950-----	10,816	9,125	+1,691	10,275	10,142	65.65	133	8,352	56.59	+1,423
1955-----	15,563	11,562	+4,001	15,547	15,419	91.68	128	11,384	67.41	+4,163
1956-----	19,124	12,877	+6,247	19,090	18,940	110.66	150	12,615	73.13	+6,475
1957-----	21,030	13,413	+7,617	20,850	20,671	118.63	180	12,982	74.32	+7,868
1958-----	17,945	13,215	+4,730	17,910	17,745	100.15	165	12,792	71.90	+5,118
1959-----	17,633	15,574	+2,059	17,622	17,438	96.80	183	15,207	83.23	+2,414
1960-----	20,577	15,046	+5,531	20,550	20,349	111.17	200	14,654	80.04	+5,896
1961-----	21,687	14,551	+7,136	20,874	20,629	110.82	246	14,449	77.13	+6,425

<sup>1</sup> Based on imports for consumption.

Source of tables 1208 and 1209: Department of Commerce, Bureau of the Census (except as noted); prior to 1947, *Foreign Commerce and Navigation of the United States*; thereafter, *Quarterly Summary of Foreign Commerce of the United States*, and records.

## No. 1210. EXPORTS OF U.S. MERCHANDISE, BY COMMODITY GROUPS: 1936 TO 1961

[In millions of dollars. For basis of dollar values and area coverage, see text, pp. 854, 857. "N.e.c." means not elsewhere classified]

COMMODITY	1936-1940, avg.	1941-1945, avg.	1946-1950, avg.	1951-1955, avg.	1956-1960, avg.	1958	1959	1960	1961
<b>Total exports of domestic merchandise</b>	<b>3,167</b>	<b>9,922</b>	<b>11,673</b>	<b>15,196</b>	<b>19,029</b>	<b>17,745</b>	<b>17,438</b>	<b>20,349</b>	<b>20,629</b>
<b>Animals and animal products, edible</b>	<b>67</b>	<b>898</b>	<b>618</b>	<b>304</b>	<b>312</b>	<b>294</b>	<b>342</b>	<b>348</b>	<b>353</b>
Animals, edible	(1)	2	5	10	18	13	22	19	19
Meat and meat products	26	380	124	61	105	83	106	125	148
Animal oils and fats, edible <sup>2</sup>	17	107	84	91	68	54	63	63	49
Dairy products	8	182	201	94	112	101	96	87	80
Fish and fish products	14	31	32	20	23	19	27	26	20
Other edible animal products	1	107	72	27	20	23	28	28	20
<b>Animals and animal products, inedible</b>	<b>46</b>	<b>67</b>	<b>155</b>	<b>212</b>	<b>293</b>	<b>260</b>	<b>298</b>	<b>320</b>	<b>361</b>
Hides and skins, raw, except furs	5	1	16	37	64	56	63	76	86
Leather	14	20	25	20	25	25	27	32	46
Leather manufactures	8	27	38	23	24	24	24	22	20
Furs and manufactures	15	11	36	32	41	36	40	47	46
Animal and fish oils and greases, inedible	1	3	28	90	125	105	125	124	142
Other inedible animals and animal products	3	4	13	9	15	14	20	19	20
<b>Vegetable food products and beverages</b>	<b>226</b>	<b>418</b>	<b>1,410</b>	<b>1,652</b>	<b>2,049</b>	<b>1,928</b>	<b>2,067</b>	<b>2,277</b>	<b>2,525</b>
Grains and preparations	105	174	1,205	1,143	1,417	1,297	1,420	1,655	1,893
Feedstuffs and feeds	10	4	19	34	65	48	82	75	81
Vegetables and preparations	15	83	114	90	132	125	145	140	123
Fruits, nuts, and preparations	76	88	161	139	220	220	210	220	238
Vegetable oils, fats, and waxes <sup>2</sup>	3	14	31	59	111	131	106	77	83
Cocoa, coffee, tea, and substitutes	3	2	9	10	10	17	19	20	25
Spices	(1)	1	1	1	2	2	2	2	2
Sugar and related products	10	31	38	28	25	24	23	21	19
Beverages and related products	4	21	32	39	57	63	60	57	61
<b>Vegetable products, inedible, except fibers and wood</b>	<b>194</b>	<b>355</b>	<b>642</b>	<b>796</b>	<b>1,212</b>	<b>1,071</b>	<b>1,281</b>	<b>1,452</b>	<b>1,380</b>
Rubber and manufactures	33	119	147	159	313	280	329	376	335
Naval stores, gums, and resins	16	14	36	35	46	36	45	68	53
Drugs, herbs, leaves, and roots, crude	2	2	4	3	4	3	3	5	4
Oilseeds	4	6	39	132	272	217	318	362	367
Vegetable oils, fats, and waxes, crude	5	31	46	60	100	54	106	124	83
Vegetable dyeing and tanning extracts	2	1	1	1	(1)	(1)	(1)	(1)	(1)
Seeds except oilseeds	2	13	15	11	17	15	16	19	18
Nursery and greenhouse stock	(1)	(1)	1	2	5	5	5	6	6
Tobacco and manufactures	123	154	328	376	438	440	441	477	499
Miscellaneous vegetable products	7	16	24	16	17	20	17	16	15
<b>Textile fibers and manufactures</b>	<b>386</b>	<b>524</b>	<b>1,510</b>	<b>1,438</b>	<b>1,442</b>	<b>1,281</b>	<b>1,109</b>	<b>1,699</b>	<b>1,583</b>
Cotton, unmanufactured	13	152	674	761	778	661	452	988	884
Cotton semimanufactures	19	15	49	61	53	46	51	54	48
Cotton manufactures	48	171	422	296	236	233	233	230	224
Other vegetable fibers and manufactures	4	8	15	10	8	7	7	6	7
Wool, unmanufactured	(1)	6	6	3	17	18	22	16	15
Wool semimanufactures	2	6	14	22	25	20	23	23	22
Wool manufactures	3	73	47	11	8	8	8	8	8
Hair and manufactures	2	2	5	4	4	3	3	5	6
Silk and manufactures	7	2	3	2	3	3	3	4	4
Man-made fibers and manufactures	12	49	212	220	261	234	265	312	302
Miscellaneous textile products	12	42	62	47	40	47	53	53	63
<b>Wood and paper</b>	<b>118</b>	<b>162</b>	<b>247</b>	<b>349</b>	<b>500</b>	<b>450</b>	<b>508</b>	<b>612</b>	<b>650</b>
Wood, unmanufactured	5	2	7	13	24	20	24	35	52
Sawmill products	43	30	69	79	90	78	90	104	87
Wood manufactures	16	36	39	33	47	44	53	51	56
Cork and manufactures	1	2	4	4	4	4	4	3	2
Paper base stocks	18	20	10	57	100	84	103	164	173
Paper, related products and manufactures	36	72	111	103	225	220	234	256	280

See footnotes at end of table.

## No. 1210. EXPORTS OF U.S. MERCHANDISE, BY COMMODITY GROUPS: 1936 to 1961—Continued

[In millions of dollars]

COMMODITY	1936-1940, avg.	1941-1945, avg.	1946-1950, avg.	1951-1955, avg.	1956-1960, avg.	1958	1959	1960	1961
<b>Nonmetallic minerals.....</b>	466	848	1,176	1,418	1,539	1,387	1,177	1,158	1,117
Coal and related fuels.....	67	104	405	454	575	534	388	362	350
Petroleum and products.....	346	573	559	714	655	558	480	479	446
Stone, cement, and lime.....	3	9	18	12	8	7	5	6	6
Glass and glass products.....	10	27	58	64	81	80	84	84	84
Clays and clay products.....	9	20	42	56	70	66	69	68	65
Other nonmetallic minerals, including precious.....	32	55	93	118	151	143	151	160	167
<b>Metals and manufactures, except machinery and vehicles.....</b>	477	884	1,026	1,216	1,863	1,531	1,317	2,060	1,921
Iron ore.....	3	7	12	32	45	36	34	58	54
Iron and steel semifinishes.....	197	324	315	405	646	400	379	690	640
Steel-mill products—manufactures.....	73	219	310	207	257	265	161	168	156
Iron and steel, advanced manufactures.....	50	116	193	292	388	396	348	333	338
Ferro-alloys, ores, and metals, n.e.c.....	13	7	5	5	7	4	7	10	21
Nonferrous metals, except precious.....	137	209	186	208	512	423	379	791	698
Precious metals and plated ware, except jewelry, and gold and silver in ore, bullion, and coin.....	3	2	5	6	8	6	9	10	8
<b>Machinery and vehicles.....</b>	912	4,274	3,428	5,250	6,728	6,528	6,203	7,169	7,398
Electrical machinery and apparatus.....	106	258	455	798	1,016	1,020	987	1,022	1,122
Industrial machinery <sup>1</sup> .....	282	675	1,178	1,690	2,387	2,303	2,277	2,539	2,743
Office appliances.....	29	17	83	83	146	133	145	209	311
Printing machinery.....	10	4	35	34	42	39	43	48	58
Agricultural machinery and implements.....	68	118	99	134	134	123	144	145	144
Tractors, parts, and accessories.....					365	311	355	387	359
Automobiles and other vehicles, parts, and accessories.....	417	3,201	1,578	2,496	1,372	1,304	1,258	1,298	1,183
Aircraft, parts, and accessories.....					1,036	989	768	1,329	1,234
Other vehicles and parts.....					232	307	225	192	244
<b>Chemicals and related products.....</b>	153	409	716	945	1,438	1,363	1,494	1,684	1,725
Coal-tar products.....	16	33	85	67	109	101	104	169	185
Medicinal and pharmaceutical preparations.....	20	76	185	238	273	278	284	275	275
Chemical specialties.....	29	67	155	305	550	518	595	663	696
Industrial chemicals <sup>2</sup> .....	33	97	119	147	241	215	258	313	299
Pigments, paints, varnishes, and related materials.....	21	25	74	96	108	100	108	108	106
Fertilizers and fertilizer materials.....	18	17	61	58	117	109	108	119	127
Explosives, fuses, etc.....	7	69	9	17	18	20	14	13	12
Soap and toilet preparations.....	9	16	28	19	23	22	23	25	24
<b>Miscellaneous.....</b>	119	1,092	645	1,715	1,612	1,651	1,642	1,571	1,617
Photographic and projection goods <sup>3</sup> .....	20	22	55	70	109	105	112	130	145
Scientific and professional instruments, apparatus, and supplies <sup>4</sup> .....	13	108	68	62	100	98	100	111	125
Musical instruments.....	3	3	15	26	41	42	42	43	38
Miscellaneous office supplies.....	7	11	38	27	35	33	34	37	39
Toys, athletic and sporting goods.....	5	4	17	20	33	33	35	43	49
Ordnance and pyrotechnics <sup>5</sup> .....	18	752	41	407	232	264	229	229	241
Books, maps, pictures, and other printed matter.....	22	33	64	80	117	111	124	136	149
Miscellaneous commodities, n.e.c. <sup>6</sup> .....	34	100	348	1,024	944	966	965	843	831

<sup>1</sup> Less than \$500,000.<sup>2</sup> Prior to 1940, margarine included with "Animal oils and fats, edible"; with "Vegetable oils, fats, and waxes," thereafter.<sup>3</sup> Includes some nonferrous articles.<sup>4</sup> Includes a small portion of watercraft not shown separately because of security regulations.<sup>5</sup> Tractors, parts, and accessories included with "Agricultural machinery and implements."<sup>6</sup> Beginning 1950, certain commodities excluded under security regulations and shown under "Miscellaneous commodities, n.e.c."Source: Department of Commerce, Bureau of the Census; prior to 1947, *Foreign Commerce and Navigation of the United States*; thereafter, *Quarterly Summary of Foreign Commerce of the United States*, and records.

## NO. 1211. IMPORTS OF MERCHANDISE, BY COMMODITY GROUPS: 1936 TO 1961

[In millions of dollars. For basis of dollar values and for area coverage, see text, pp. 856, 857. Represents imports for consumption. "N.e.c." means not elsewhere classified]

COMMODITY	1936-1940, avg.	1941-1945, avg.	1946-1950, avg.	1951-1955, avg.	1956-1960, avg.	1958	1959	1960	1961
<b>Total imports of merchandise</b> .....	<b>2,440</b>	<b>3,476</b>	<b>6,584</b>	<b>10,784</b>	<b>13,570</b>	<b>12,739</b>	<b>14,994</b>	<b>14,650</b>	<b>14,357</b>
<b>Animals and animal products, edible</b> .....	<b>91</b>	<b>104</b>	<b>244</b>	<b>425</b>	<b>661</b>	<b>781</b>	<b>822</b>	<b>730</b>	<b>857</b>
Animals, edible.....	16	21	49	25	71	131	82	63	94
Meat products.....	28	29	63	172	276	335	303	324	385
Animal oils and fats, edible.....	1	1	(1)	(1)	(2)	(2)	(2)	(2)	(2)
Dairy products.....	13	5	15	29	20	28	31	32	36
Fish.....	31	46	111	191	277	278	309	304	334
Other edible animal products.....	3	2	6	7	8	9	6	8	8
<b>Animals and animal products, inedible</b> .....	<b>170</b>	<b>237</b>	<b>361</b>	<b>301</b>	<b>353</b>	<b>321</b>	<b>423</b>	<b>408</b>	<b>407</b>
Hides and skins, raw (except furs).....	51	68	92	75	65	54	87	71	64
Leather.....	9	14	23	20	36	31	48	41	41
Leather manufactures.....	8	9	16	26	69	61	84	100	109
Furs and manufactures.....	70	108	149	85	96	88	108	109	101
Animal oils, fats, and greases, inedible.....	7	10	9	10	7	8	5	6	8
Other animals and animal products, inedible.....	27	28	72	84	80	79	91	81	84
<b>Vegetable food products and beverages</b> .....	<b>574</b>	<b>865</b>	<b>1,699</b>	<b>2,768</b>	<b>2,669</b>	<b>2,661</b>	<b>2,602</b>	<b>2,557</b>	<b>2,466</b>
Grains and preparations.....	44	112	43	124	68	66	56	55	59
Fodders and feeds.....	11	16	23	44	22	24	21	16	16
Vegetables and preparations.....	19	30	53	52	74	84	80	80	78
Fruits and nuts.....	60	63	151	180	206	195	218	230	220
Vegetable oils and fats, edible.....	18	8	14	18	29	30	30	33	35
Cocoa, coffee, and tea.....	192	332	916	1,681	1,450	1,416	1,346	1,239	1,208
Spices.....	13	16	40	51	40	36	40	51	44
Sugar and related products.....	153	212	366	467	542	580	552	571	508
Beverages.....	65	75	93	150	238	229	258	283	298
<b>Vegetable products, inedible, except fibers and wood</b> .....	<b>394</b>	<b>370</b>	<b>734</b>	<b>897</b>	<b>774</b>	<b>638</b>	<b>884</b>	<b>845</b>	<b>698</b>
Rubber and manufactures.....	211	166	324	514	411	292	490	468	342
Gums, resins, and balsams, n.e.c.....	13	25	39	30	26	28	28	29	29
Drugs, herbs, leaves, roots, etc.....	10	17	29	32	27	23	26	25	22
Oilseeds.....	40	41	109	69	58	53	74	68	55
Vegetable oils and waxes.....	61	46	96	90	83	79	88	79	76
Dyeing and tanning materials, n.e.c.....	7	12	20	31	17	16	18	12	12
Seeds, except oilseeds.....	6	4	15	19	14	11	16	13	16
Nursery and greenhouse stock.....	3	2	9	13	14	14	14	15	14
Tobacco and manufactures.....	38	54	83	86	108	109	117	121	119
Miscellaneous vegetable products.....	5	4	10	12	12	12	13	13	14
<b>Textiles</b> .....	<b>382</b>	<b>461</b>	<b>801</b>	<b>1,064</b>	<b>1,069</b>	<b>897</b>	<b>1,175</b>	<b>1,238</b>	<b>1,180</b>
Cotton, unmanufactured.....	11	20	41	39	33	29	24	27	35
Cotton semimanufactures.....	3	3	9	9	8	6	6	13	13
Cotton manufactures.....	39	16	43	80	179	149	202	252	204
Jute and manufactures.....	47	63	134	121	111	94	115	119	144
Flax, hemp, and ramie, and manufactures.....	27	13	34	38	34	30	33	36	33
Other vegetable fiber and manufactures.....	26	42	73	106	76	74	83	75	79
Wool, including mohair, etc., unmanufactured.....	61	248	291	375	208	164	224	197	198
Wool semimanufactures.....	6	0	21	53	53	44	63	58	54
Wool manufactures.....	20	16	48	98	160	131	171	208	197
Hair and manufactures, n.e.c.....	4	8	10	9	8	7	7	7	8
Silk, unmanufactured.....	110	13	33	31	27	75	25	27	27
Silk manufactures.....	8	2	21	36	63	75	76	72	55
Manufactures of rayon or other synthetic textiles.....	8	2	23	45	64	56	88	76	70
Miscellaneous textile products.....	11	8	20	26	45	38	57	69	63

See footnotes at end of table.

# No. 1211. IMPORTS OF MERCHANDISE, BY COMMODITY GROUPS: 1936 TO 1961— Continued

[In millions of dollars]

COMMODITY	1938- 1940, avg.	1941- 1945, avg.	1946- 1950, avg.	1951- 1955, avg.	1956- 1960, avg.	1958	1959	1960	1961
<b>Wood and paper</b> .....	262	328	866	1,338	1,560	1,427	1,676	1,644	1,636
Wood, unmanufactured.....	8	11	23	29	25	20	23	25	23
Wood semimanufactures—saw- mill products.....	19	50	142	252	202	262	338	310	314
Wood manufactures.....	11	12	38	91	172	162	216	201	197
Cork and manufactures.....	6	0	14	20	12	10	11	9	9
Paper base stocks.....	93	101	252	330	330	309	346	330	333
Paper and manufactures <sup>1</sup> .....	124	145	306	616	730	674	744	762	700
<b>Nonmetallic minerals</b> .....	137	246	633	1,196	2,110	2,148	2,229	2,201	2,308
Coal and related fuels.....	5	4	5	5	5	5	5	4	4
Petroleum and products.....	48	94	370	782	1,507	1,625	1,535	1,544	1,615
Stone, cement, lime, and gypsum.....	4	10	8	17	33	26	39	32	33
Glass and glass products.....	6	1	8	30	70	57	90	82	80
Clays and clay products.....	10	6	19	48	81	68	89	102	90
Other nonmetallic minerals.....	21	47	67	120	171	163	196	192	195
Precious stones and imitations.....	44	84	147	194	243	205	275	244	291
<b>Metals and manufactures, except ma- chinery and vehicles</b> .....	243	519	801	1,831	2,255	1,794	2,429	2,371	2,141
Iron ore and concentrates.....	6	3	28	107	280	232	312	322	250
Iron and steel semimanufactures.....	5	2	36	108	147	90	279	232	170
Steel-mill products—manufactures.....	11	6	15	109	229	161	345	298	275
Iron and steel, advanced manu- factures.....	3	3	6	31	92	77	111	125	122
Ferro-alloys.....	26	65	80	225	227	173	103	174	172
Nonferrous metals, except precious.....	184	427	613	1,197	1,213	1,014	1,118	1,147	1,069
Precious metals, jewelry, and plated ware, except gold and silver in ore, bullion, and coin.....	9	14	22	54	67	48	70	73	76
<b>Machinery and vehicles</b> .....	18	83	112	349	1,144	1,144	1,622	1,464	1,377
Electrical machinery and appa- ratus.....	2	14	5	38	185	166	246	268	318
Other machinery except agricul- tural.....	9	10	22	117	222	180	241	308	357
Agricultural machinery and im- plements.....	5	6	59	84	116	122	169	135	114
Vehicles and parts.....					622	677	966	753	588
Automobiles.....	2	53	25	110	501	551	844	627	378
Aircraft.....					70	79	68	62	152
Other vehicles and parts.....					51	47	54	63	58
<b>Chemicals and related products</b> .....	80	131	119	268	306	280	347	353	390
Coal-tar chemicals.....	16	10	15	44	63	60	76	69	70
Medicinal and pharmaceutical preparations.....	5	8	7	8	16	15	21	26	35
Industrial chemicals.....	19	20	33	79	98	86	112	119	125
Pigments, paints, and varnishes.....	2	1	2	5	13	11	16	15	15
Fertilizers and materials.....	35	32	54	118	103	97	109	108	118
Explosives.....	1	49	2	9	3	3	4	5	6
Soap and toilet preparations.....	3	2	5	6	10	9	10	13	14
<b>Miscellaneous</b> .....	90	132	214	348	669	649	785	840	897
Photographic goods <sup>2</sup> .....	7	1	6	22	44	41	50	56	60
Scientific and professional instru- ments, apparatus, and supplies, n.e.c. <sup>3</sup> .....	2	2	3	14	32	29	37	42	46
Musical instruments.....	4	1	9	16	23	19	29	26	27
Toys, athletic and sporting goods.....	3	1	5	17	50	41	59	65	70
Firearms.....	(1)	13	1	9	10	8	12	14	12
Books and other printed matter.....	8	5	13	21	38	34	40	48	50
Clocks, watches, etc.....	10	39	57	72	71	60	74	71	67
Art works.....	19	4	20	27	55	60	62	73	83
Miscellaneous articles, n.e.c. <sup>4</sup> .....	27	66	99	151	345	357	422	445	483

<sup>1</sup> Less than \$500,000.<sup>2</sup> Beginning 1954, "Animal oils and fats, edible" included with "Other edible animal products."<sup>3</sup> Beginning 1954, photographic paper included with "Paper and manufactures"; formerly included with "Photographic goods."<sup>4</sup> Due to change in sampling procedures, total probably overstated by about 10 to 15 percent. See text, p. 887.Source: Department of Commerce, Bureau of the Census; prior to 1947, *Foreign Commerce and Navigation of the United States*; thereafter, *Quarterly Summary of Foreign Commerce of the United States*, and records.

# No. 1212. EXPORTS OF U.S. MERCHANDISE—VALUE OF SELECTED ARTICLES: 1921 TO 1961

[In millions of dollars. For basis of dollar values and for area coverage, see text, pp. 856, 857. See also *Historical Statistics*, *Colonial Times* to 1957, series U 73-68]

YEARLY AVERAGE OR YEAR	Meat prod- ucts	Animal fats and oils <sup>1</sup>	Leather	Rye	Wheat and wheat flour	Oil cake and oil- cake meal	Fruits and nuts <sup>2</sup>	Rubber and manu- factures <sup>3</sup>	Naval stores, gums, and resins	Tobac- co, un- manu- fac- tured
1921-1925.....	140	144	44	39	322	25	83	39	22	165
1926-1930.....	78	116	47	15	231	24	122	67	30	145
1931-1935.....	29	37	17	( <sup>4</sup> )	30	8	85	23	15	104
1936-1940.....	26	18	14	1	56	8	76	33	16	110
1941-1945.....	380	109	20	2	105	1	88	119	14	138
1946-1950.....	124	109	25	7	872	11	161	147	36	268
1951-1955.....	61	172	20	6	688	20	139	169	35	315
1956-1960.....	105	182	25	9	805	37	221	313	46	355
1950.....	43	112	20	6	489	9	100	91	42	251
1955.....	70	190	22	6	483	42	161	203	39	356
1956.....	99	207	21	14	798	39	230	278	39	334
1957.....	113	198	22	8	848	24	214	302	42	359
1958.....	83	152	25	9	686	23	220	280	36	354
1959.....	106	176	27	7	719	53	212	329	45	346
1960.....	125	176	32	6	971	45	229	376	68	379
1961.....	148	181	46	11	1,230	47	238	335	53	391

YEARLY AVERAGE OR YEAR	Cotton, unmanu- factured	Cotton manu- fac- tures <sup>5</sup>	Saw- mill prod- ucts <sup>6</sup>	Other wood manu- factures <sup>6</sup>	Coal and related fuels	Petro- leum and prod- ucts	Iron and steel- mill prod- ucts <sup>6</sup>	Copper and manu- factures <sup>7</sup>	Ma- chin- ery, all classes <sup>8</sup>	Auto- mobiles includ- ing en- gines and parts <sup>9</sup>
1921-1925.....	805	133	88	28	131	406	167	130	320	177
1926-1930.....	766	124	105	33	122	525	171	150	488	406
1931-1935.....	367	45	39	13	52	232	63	40	212	147
1936-1940.....	283	61	43	16	67	346	270	88	495	273
1941-1945.....	152	185	30	36	164	573	543	79	1,073	456
1946-1950.....	674	471	69	39	405	559	625	88	2,074	821
1951-1955.....	761	358	79	33	454	714	612	158	2,886	1,083
1956-1960.....	778	289	90	47	575	655	903	241	4,025	1,224
1950.....	1,024	263	48	25	278	490	472	88	2,035	723
1955.....	477	293	89	38	495	646	818	218	3,057	1,238
1956.....	729	293	88	42	745	766	1,075	266	3,813	1,357
1957.....	1,059	314	89	46	846	994	1,377	299	4,178	1,399
1958.....	661	280	78	44	534	558	665	214	3,895	1,087
1959.....	452	274	90	53	388	480	540	107	3,887	1,145
1960.....	988	284	104	51	362	479	857	310	4,350	1,221
1961.....	884	272	87	50	350	445	802	282	4,737	1,118

<sup>1</sup> Through 1948, includes smargarine of vegetable origin. Excludes inedible fish oils and vegetable cooking fats.

<sup>2</sup> Includes fruit and nuts preparations.

<sup>3</sup> Natural and synthetic rubber.

<sup>4</sup> Less than \$500,000.

<sup>5</sup> Includes semimanufactures.

<sup>6</sup> Box, crate, and package shooks (except fruit and vegetable) included with "Other wood manufactures" beginning 1949; classified as "Sawmill products" in prior years.

<sup>7</sup> Beginning 1958, includes only copper and semifabricated forms. Data for prior years include insulated wire and cable.

<sup>8</sup> Beginning 1958, includes insulated wire and cable.

<sup>9</sup> Beginning July 1949, excludes machinery and vehicles manufactured to military specifications.

Source: Department of Commerce, Bureau of the Census; prior to 1947, *Foreign Commerce and Navigation of the United States*; thereafter, *Quarterly Summary of Foreign Commerce of the United States*, and records.

## No. 1213. IMPORTS—VALUE OF SELECTED COMMODITIES: 1921 TO 1961

[In millions of dollars. Figures represent "general imports" through 1932, "imports for consumption" thereafter. For basis of dollar values and for area coverage, see text, pp. 856, 857. See also *Historical Statistics, Colonial Times to 1957*, series U 94-115]

YEARLY AVERAGE OR YEAR	Hides and skins	Furs, and manu- factures <sup>1</sup>	Fruits and nuts	Vege- table oils and fats, ex- pressed or ex- tracted	Coffee	Sugar	Rub- ber, crude	Tobac- co, un- manu- factured	Cotton manu- factures <sup>2</sup>	Burlaps
1921-1925.....	93	81	75	60	206	295	193	65	87	60
1926-1930.....	118	115	85	82	282	207	294	57	64	72
1931-1935.....	40	43	48	45	141	113	75	27	34	26
1936-1940.....	51	70	60	73	138	139	206	34	42	36
1941-1945.....	68	103	63	44	266	172	149	50	19	50
1946-1950.....	92	149	151	95	732	335	311	81	52	102
1951-1955.....	75	85	180	90	1,410	411	493	83	88	90
1956-1960.....	65	95	206	93	1,217	484	340	104	180	85
1950.....	116	109	169	109	1,092	381	458	76	81	91
1955.....	57	88	201	75	1,357	415	442	85	132	79
1956.....	66	86	192	81	1,439	437	398	90	161	81
1957.....	40	87	194	97	1,376	459	349	96	143	81
1958.....	54	88	105	94	1,171	520	248	105	155	76
1959.....	87	108	218	101	1,097	496	383	111	209	91
1960.....	71	109	230	93	1,003	507	322	115	265	95
1961.....	64	101	220	90	964	458	217	114	217	108

YEARLY AVERAGE OR YEAR	Wool and mohair	Wool manu- factures <sup>2</sup> (includ- ing rags, noils, waste)	Silk, raw	Saw- mill prod- ucts	Wood pulp	Paper and manu- factures	Petro- leum and prod- ucts	Copper, includ- ing ore and manu- factures	Tin, includ- ing ore	Ferti- lizers and mate- rials
1921-1925.....	102	65	348	51	67	105	92	78	59	57
1926-1930.....	79	60	368	45	86	151	133	108	89	68
1931-1935.....	19	17	115	11	60	96	51	30	44	29
1936-1940.....	61	26	109	19	78	124	48	48	85	35
1941-1945.....	248	23	13	50	84	145	94	165	78	32
1946-1950.....	291	60	32	142	217	396	379	186	149	54
1951-1955.....	375	151	20	252	283	618	782	388	218	118
1956-1960.....	208	204	25	202	294	730	1,507	366	131	103
1950.....	428	114	21	265	240	473	592	243	202	75
1955.....	260	168	34	323	277	666	1,026	455	179	111
1956.....	242	196	32	306	298	750	1,286	502	178	102
1957.....	211	191	25	243	273	718	1,548	384	130	97
1958.....	164	175	16	262	277	674	1,625	246	102	97
1959.....	224	234	25	338	315	744	1,535	298	127	109
1960.....	197	266	27	310	305	762	1,544	402	119	108
1961.....	198	251	27	314	303	760	1,616	279	120	118

<sup>1</sup> Includes fur hats.

<sup>2</sup> Includes semimanufactures.

Source: Department of Commerce, Bureau of the Census; prior to 1947, *Foreign Commerce and Navigation of the United States*; thereafter, *Quarterly Summary of Foreign Commerce of the United States*, and records.



# No. 1214. EXPORTS OF U.S. MERCHANDISE AND IMPORTS, BY ECONOMIC CLASSES: 1921 to 1961

[In millions of dollars, except percentages. For basis of dollar values and for area coverage, see text, pp. 856, 857. For articles covered by each class, see *Foreign Commerce and Navigation of the United States*. See also *Historical Statistics, Colonial Times to 1957*, series U 61-72]

YEARLY AVERAGE OR YEAR	Total	Crude materials	Crude foodstuffs <sup>1</sup>	Manufactured foodstuffs <sup>1</sup>	Semi-manufactures <sup>2</sup>	Finished manufactures <sup>2</sup>
<b>EXPORTS OF U. S. MERCHANDISE</b>						
1921-1925.....	4,310	1,187	420	601	537	1,566
1926-1930.....	4,688	1,144	300	456	663	2,126
1931-1935.....	1,989	601	77	176	289	847
1936-1940.....	3,167	603	119	175	611	1,688
1941-1945.....	9,922	573	165	1,177	931	7,075
1946-1950.....	11,673	1,630	973	1,198	1,295	6,576
1951-1955.....	15,196	1,977	1,081	844	1,767	9,527
1956-1960.....	19,029	2,453	1,408	1,145	2,857	11,106
1950.....	10,142	1,886	760	634	1,121	5,741
1955.....	15,419	1,907	930	1,012	2,309	9,260
1956.....	18,940	2,515	1,332	1,264	2,775	11,054
1957.....	20,671	3,110	1,332	1,163	3,242	11,823
1958.....	17,745	2,139	1,280	1,102	2,277	10,947
1959.....	17,438	1,913	1,448	1,078	2,467	10,533
1960.....	20,349	2,588	1,645	1,117	3,526	11,473
1961.....	20,629	2,546	1,897	1,157	3,287	11,741
<b>IMPORTS<sup>3</sup></b>						
1921-1925.....	3,450	1,290	383	448	609	720
1926-1930.....	4,033	1,484	507	398	762	882
1931-1935.....	1,704	493	266	234	319	393
1936-1940.....	2,440	807	320	346	511	457
1941-1945.....	3,476	1,147	569	400	735	624
1946-1950.....	6,684	1,992	1,237	706	1,471	1,178
1951-1955.....	10,784	2,835	2,106	1,089	2,568	2,196
1956-1960.....	13,570	3,033	1,907	1,422	2,993	4,215
1950.....	8,743	2,465	1,760	898	2,126	1,504
1955.....	11,337	2,845	1,998	1,118	2,777	2,699
1956.....	12,516	3,087	2,036	1,167	3,005	3,221
1957.....	12,951	3,211	2,020	1,272	2,920	3,527
1958.....	12,739	2,760	1,936	1,504	2,642	3,897
1959.....	14,094	3,097	1,824	1,599	3,306	5,168
1960.....	14,650	3,012	1,720	1,566	3,091	5,260
1961.....	14,357	2,876	1,722	1,602	3,085	5,074

YEARLY AVERAGE OR YEAR	PERCENT OF TOTAL EXPORTS OF U. S. MERCHANDISE					PERCENT OF TOTAL IMPORTS <sup>3</sup>				
	Crude materials	Crude foodstuffs <sup>1</sup>	Manufactured foodstuffs <sup>1</sup>	Semi-manufactures <sup>2</sup>	Finished manufactures <sup>2</sup>	Crude materials	Crude foodstuffs	Manufactured foodstuffs	Semi-manufactures	Finished manufactures
1921-1925.....	27.54	9.74	13.93	12.45	36.33	37.40	11.09	12.99	17.66	20.86
1926-1930.....	24.40	6.40	9.72	14.14	45.35	36.80	12.56	9.88	18.89	21.88
1931-1935.....	30.23	3.85	8.83	14.51	42.57	28.91	15.61	13.73	18.72	23.03
1936-1940.....	19.05	3.77	5.53	19.30	52.80	33.08	18.10	14.16	20.94	18.72
1941-1945.....	5.78	1.67	11.86	9.39	71.31	33.01	16.36	11.51	21.15	17.97
1946-1950.....	13.96	8.33	10.27	11.10	56.34	30.26	18.79	10.72	22.34	17.89
1951-1955.....	13.01	7.11	5.55	11.63	62.69	26.29	10.53	10.10	23.72	20.36
1956-1960.....	12.89	7.39	6.02	15.02	58.68	22.35	14.05	10.47	22.05	31.06
1950.....	18.60	7.49	6.25	11.05	56.61	28.20	20.02	10.27	24.32	17.20
1955.....	12.37	6.03	6.57	14.97	60.06	25.10	17.63	9.86	24.49	22.02
1956.....	13.28	7.04	6.67	14.65	58.36	24.06	16.27	9.32	24.01	25.74
1957.....	15.05	6.45	5.63	15.68	57.20	24.80	15.60	9.82	22.55	27.23
1958.....	12.06	7.22	6.22	12.85	61.65	21.67	15.20	11.81	20.74	30.59
1959.....	10.97	8.30	6.18	14.14	60.40	20.65	12.16	10.67	22.05	34.47
1960.....	12.72	8.09	5.49	17.33	56.38	20.56	11.74	10.69	21.10	35.90
1961.....	12.34	9.20	5.61	15.94	56.02	20.02	11.90	11.15	21.49	35.34

<sup>1</sup> "Manufactured foodstuffs" includes beverages and, from 1941 through 1957, all exports of foodstuffs for relief or charity. Beginning 1958, exports of crude foodstuffs for relief or charity included with "Crude foodstuffs" and manufactured with "Manufactured foodstuffs."

<sup>2</sup> For security reasons, a small amount of semi-manufactures included with finished manufactures beginning 1950.

<sup>3</sup> "General imports" through 1932, "imports for consumption" thereafter.

Source: Department of Commerce, Bureau of the Census; prior to 1947, *Foreign Commerce and Navigation of the United States*; thereafter, *Quarterly Summary of Foreign Commerce of the United States*, and records.

**No. 1215. EXPORTS OF U.S. MERCHANDISE AND IMPORTS—INDEXES OF QUANTITY,  
UNIT PRICE, AND TOTAL VALUE: 1946 TO 1961**

[1957-59 average=100. For area coverage, see text p. 857. Quantity and unit price indexes were constructed on a preceding year base and chained into the series shown below. The calculations were made in accordance with Fisher's "ideal formula," using both the weights of the given year and those of the preceding (or base) year. Commodities not directly entering the calculations were taken into account in the weighting, within the several economic classes of merchandise, on the basis of certain assumptions regarding similarity of their price movements to price changes of selected commodities specifically covered. See also *Historical Statistics, Colonial Times to 1957*, series U 21-44, for related but not comparable data]

ITEM	1946-50, avg. <sup>1</sup>	1951-55, avg.	1956-60, avg.	1955	1957	1958	1959	1960	1961 (prel.)
<b>EXPORTS OF U.S. MERCHANDISE <sup>2</sup></b>									
<b>Quantity</b> .....	76	87	103	88	111	96	94	108	107
Crude materials.....	77	78	103	78	128	89	83	113	106
Crude foodstuffs <sup>3</sup> .....	65	70	104	68	97	95	108	124	138
Manufactured foodstuffs <sup>3</sup> .....	97	71	105	91	102	96	102	108	109
Semimanufactures.....	64	70	106	89	115	90	95	136	128
Finished manufactures.....	75	97	101	94	108	99	93	100	99
<b>Unit price</b> .....	84	94	100	94	100	100	100	101	103
Crude materials.....	88	106	99	102	102	100	97	96	101
Crude foodstuffs <sup>3</sup> .....	128	113	100	101	101	100	99	98	102
Manufactured foodstuffs <sup>3</sup> .....	116	107	98	100	102	103	95	93	95
Semimanufactures.....	77	95	101	98	106	95	97	98	99
Finished manufactures.....	79	88	99	89	98	100	102	104	107
<b>Value</b> .....	64	82	102	83	111	95	94	109	111
Crude materials.....	68	83	103	80	130	90	80	108	107
Crude foodstuffs <sup>3</sup> .....	79	80	104	69	98	95	107	122	140
Manufactured foodstuffs <sup>3</sup> .....	112	76	103	91	104	99	97	100	104
Semimanufactures.....	49	66	107	88	122	85	93	132	123
Finished manufactures.....	59	86	101	83	107	99	95	103	106
<b>IMPORTS FOR CONSUMPTION</b>									
<b>Quantity</b> .....	60	76	99	81	91	96	113	109	107
Crude materials.....	75	82	99	88	98	97	105	98	95
Crude foodstuffs <sup>3</sup> .....	90	95	99	91	97	98	105	100	104
Manufactured foodstuffs <sup>3</sup> .....	54	76	99	80	86	104	110	110	111
Semimanufactures.....	63	87	100	92	93	92	115	105	107
Finished manufactures.....	33	52	100	63	83	93	124	123	119
<b>Unit price</b> .....	79	103	100	101	104	99	98	99	98
Crude materials.....	79	104	100	99	104	97	99	101	97
Crude foodstuffs <sup>3</sup> .....	72	115	100	114	108	102	90	89	86
Manufactured foodstuffs <sup>3</sup> .....	89	98	99	96	101	100	99	98	98
Semimanufactures.....	79	99	101	102	106	97	97	99	98
Finished manufactures.....	85	100	100	98	101	100	99	101	102
<b>Value</b> .....	47	78	100	82	95	95	111	108	105
Crude materials.....	59	85	99	87	102	94	103	99	93
Crude foodstuffs <sup>3</sup> .....	64	109	99	104	105	101	95	89	89
Manufactured foodstuffs <sup>3</sup> .....	48	75	97	76	87	104	109	107	110
Semimanufactures.....	50	86	101	94	99	90	112	104	104
Finished manufactures.....	28	52	100	62	84	93	123	125	121

<sup>1</sup> Export indexes include shipments under the Department of Defense Civilian Supply program in 1947 and subsequent years.

<sup>2</sup> Includes Commodity Credit Corporation sales for export at prices well below U.S. market quotations and other agricultural exports under Government programs.

<sup>3</sup> See footnote 1, table 1214.

Source: Department of Commerce, Bureau of International Programs.

# No. 1216. TOTAL EMPLOYMENT AND EMPLOYMENT ATTRIBUTABLE TO EXPORTS, BY INDUSTRY GROUP: 1960

[In thousands, except percentages. Includes Alaska and Hawaii. Value of exports converted to employment in the private economy by (1) assigning commodity exports to the producing industry, (2) deriving indirect output required for these exports from each of the export supporting industries, and (3) converting direct and indirect output requirements into employment by using output per employee ratios. Export statistics used in deriving direct employment estimates were adjusted to a domestic U.S. basis by including exports to Puerto Rico and excluding exports from Puerto Rico to foreign countries. Employment estimates provide general indicators rather than precise figures. For description of methods and sources used in making estimates, see source.]

INDUSTRY GROUP	Total employment <sup>1</sup>	EMPLOYMENT ATTRIBUTABLE TO EXPORTS			PERCENT DISTRIBUTION			
		Total	Direct <sup>2</sup>	Indirect <sup>3</sup>	Total employment	Employment attributable to exports		
						Total	Direct	Indirect
<b>Total employment<sup>4</sup></b>	<b>52,865.0</b>	<b>3,081.7</b>	<b>1,467.1</b>	<b>1,614.6</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Farm.....	7,145.0	941.4	539.6	401.8	13.5	30.5	36.8	24.9
Nonfarm.....	45,720.0	2,140.3	927.5	1,212.8	86.5	69.5	63.2	75.1
Mining.....	709.0	89.9	28.3	61.6	1.3	2.9	1.9	3.8
Manufacturing <sup>5</sup> .....	16,654.7	1,287.6	640.6	647.0	31.6	41.8	43.7	40.1
Food and kindred products.....	1,778.6	57.3	32.9	24.3	3.4	1.0	2.2	1.5
Tobacco manufactures.....	91.8	11.7	6.0	5.8	0.2	0.4	0.4	0.4
Textile mill products.....	944.1	47.3	27.3	20.0	1.8	1.5	1.9	1.2
Apparel and other finished products.....	1,246.0	23.5	17.8	5.7	2.4	0.8	1.2	0.4
Lumber and wood products, except furniture.....	624.7	38.0	11.6	26.4	1.2	1.2	0.8	1.6
Furniture and fixtures.....	370.9	5.1	2.8	2.3	0.7	0.2	0.2	0.1
Paper and allied products.....	597.1	39.8	13.1	26.7	1.1	1.3	0.9	1.7
Printing, publishing, and allied industries.....	894.7	30.9	6.4	24.6	1.7	1.0	0.4	1.5
Chemicals and allied products.....	804.7	115.7	46.2	69.5	1.5	3.8	3.1	4.3
Petroleum refining and related industries.....	237.1	16.7	6.6	10.1	0.5	0.5	0.4	0.6
Rubber and miscellaneous plastics products.....	387.0	28.2	14.0	14.2	0.7	0.9	1.0	0.9
Leather and leather products.....	373.4	8.9	6.0	2.9	0.7	0.3	0.4	0.2
Stone, clay, and glass products.....	619.0	29.5	11.8	17.7	1.2	1.0	0.8	1.1
Primary metal industries.....	1,187.4	171.0	31.4	139.7	2.2	5.5	2.1	8.7
Fabricated metal products.....	1,120.2	72.3	28.1	44.2	2.1	2.3	1.9	2.7
Machinery, except electrical.....	1,448.4	224.0	154.2	69.8	2.7	7.3	10.5	4.3
Electrical machinery, equipment, and supplies.....	1,326.3	92.4	57.1	35.2	2.5	3.0	3.9	2.2
Transportation equipment.....	1,687.5	131.9	<sup>6</sup> 104.4	27.5	3.2	4.2	7.1	1.7
Professional, scientific, and controlling instruments.....	327.3	33.4	27.0	6.4	0.6	1.1	1.8	0.4
Misc. manufacturing and ordnance.....	594.8	42.0	<sup>6</sup> 36.0	6.0	1.1	1.4	2.5	0.4
Military (indirect).....	( <sup>6</sup> ) 67.2	-----	-----	<sup>7</sup> 67.2	( <sup>6</sup> ) 2.2	-----	-----	4.2
Trade.....	9,786.0	198.6	120.3	78.3	18.5	6.4	8.2	4.8
Transportation, including ocean (U.S. ships).....	2,565.0	213.5	118.1	95.4	4.8	6.9	8.0	5.9
All other <sup>8</sup> .....	16,005.0	140.9	20.3	120.6	30.3	4.6	1.4	7.5
Employment attributable to replacement of plant and equipment consumed <sup>9</sup> .....	( <sup>9</sup> )	210.0	-----	210.0	( <sup>9</sup> )	6.8	-----	13.0

<sup>1</sup> Farm employment estimates for 1960 from *Farm Labor*, Department of Agriculture, and *Census of Agriculture*, Department of Commerce, Bureau of the Census; manufacturing employment estimates from 1959 *Survey of Manufactures*, Department of Commerce, Bureau of the Census; employment for remaining industry groups based on 1960 employment estimates by the Department of Labor, Bureau of Labor Statistics, contained in *Employment and Earnings*, November 1961.

<sup>2</sup> Covers employment in producing, transporting, and marketing goods in form in which exported. Employment required for transportation of goods is included in transportation industry; for marketing, in trade industry.

<sup>3</sup> Covers employment in supporting industries which produce, transport, and market materials, parts, components, etc., used to make the products which are exported.

<sup>4</sup> Covers all nonfarm wage and salary employment (excluding government) and total employment on farms, including farm operators, family workers, and employees. May exceed actual number of persons employed because of dual job-holding.

<sup>5</sup> Includes exports of major military end items such as military vehicles, aircraft, ships, and ordnance, including small arms and ammunition. Of the total military direct employment of 65.9 thousand workers, about 39.6 are in transportation equipment industry group and 26.3 in ordnance and miscellaneous manufacturing.

<sup>6</sup> Not available.

<sup>7</sup> Indirect employment required to produce major military exports was estimated as an overall figure and could not be distributed to the individual industry groups. For this reason, the indirect employment shown refers to indirect employment in the industries supplying materials, parts, components, etc., to the military goods industries; and estimates of indirect employment in each of the supporting industries and the share of industry employment attributable to exports are understated.

<sup>8</sup> Covers utilities, communications, all business services, forestry, fisheries, agricultural services, and contract construction.

<sup>9</sup> Employment required to replace plant and equipment used up in the course of producing, transporting, and marketing the goods exported from the United States was estimated as an overall total and could not be distributed to individual industry groups. Because employment could not be distributed to machinery and construction industries, and supporting industries, estimates of indirect employment in each of these industries are understated.

Source: Department of Labor, Bureau of Labor Statistics; *Domestic Employment Attributable to U.S. Exports*, 1960.

## No. 1217. VALUE OF EXPORTS AND IMPORTS OF

[In millions of dollars. For area coverage, see text, p. 857. Data refer

COMMODITY	1959					
	Total	Canada	American Republics	Western Europe <sup>1</sup>	Far East <sup>2</sup>	Other areas
<b>EXPORTS</b>						
1 <b>Total<sup>3</sup></b> .....	15,926.2	3,747.5	3,526.4	4,535.2	2,637.9	1,479.2
<b>Agricultural commodities:</b>						
2 Grains and preparations.....	1,419.9	41.3	179.1	625.3	375.5	198.7
3 Foodstuffs other than grains, fats, and oils <sup>4</sup> .....	903.0	245.6	174.2	309.4	109.4	64.4
4 Fats, oils, and oilseeds <sup>5</sup> .....	718.6	53.7	63.0	390.2	152.0	57.9
5 Cotton, unmanufactured.....	451.9	20.1	12.2	201.9	196.1	21.6
6 Tobacco and manufactures <sup>6</sup> .....	440.6	3.2	39.1	277.4	72.2	48.7
<b>Nonagricultural commodities:</b>						
7 Machinery, total <sup>7</sup> .....	3,706.0	1,118.8	1,041.1	604.6	510.4	341.1
8 Electrical apparatus <sup>8</sup> .....	806.1	240.1	250.2	143.2	118.2	54.4
9 Industrial machinery.....	2,212.1	587.8	661.2	422.6	317.0	223.5
10 Agricultural implements.....	143.9	89.7	25.1	12.2	6.7	10.2
11 Tractors, parts, and accessories <sup>9</sup> .....	355.4	148.5	75.3	49.5	36.5	45.6
12 Automobiles, parts, and accessories <sup>9</sup> .....	1,144.6	362.7	424.0	97.6	87.0	143.3
13 Chemicals and related products <sup>9</sup> .....	1,501.0	265.0	404.1	450.3	267.6	113.1
14 Textile manufactures <sup>9</sup> .....	635.7	158.4	152.6	128.2	95.0	101.5
15 Iron and steel making raw materials <sup>9</sup> .....	202.0	50.3	15.2	20.8	115.6	1.1
16 Iron and steel-mill products.....	372.0	129.4	118.0	54.6	45.5	24.5
17 Petroleum products <sup>9</sup> .....	480.2	83.2	108.0	128.8	110.0	50.2
18 Coal and related products.....	387.0	145.2	18.9	181.2	41.6	1.0
19 Copper and copper base alloys <sup>9</sup> .....	126.4	6.3	12.0	88.5	17.7	9.9
20 Civilian aircraft <sup>10</sup> .....	159.9	10.7	30.6	50.6	62.8	4.2
21 Other agricultural and nonagricultural, including reexports.....	3,278.5	1,022.7	733.4	835.8	378.6	308.0
<b>IMPORTS</b>						
22 <b>General imports, total</b> .....	15,627.2	3,352.4	3,601.5	4,522.7	2,595.1	1,555.5
23 Warehouse entries, excess of <sup>11</sup> .....	214.1	4.9	103.4	55.3	27.8	19.7
24 <b>Imports for consumption, total</b> .....	15,413.1	3,347.5	3,498.1	4,467.4	2,567.3	1,535.8
<b>Agricultural commodities:</b>						
25 Coffee.....	1,093.5	-----	969.9	-----	1.2	122.4
26 Meat and edible animals.....	475.6	82.4	121.6	89.7	158.1	23.8
27 Cane sugar.....	496.1	1.1	384.9	4.4	110.7	-----
28 Other foodstuffs <sup>12</sup> .....	1,558.1	250.2	351.8	380.0	231.1	145.0
29 Crude rubber.....	382.6	(13)	6	1	332.6	49.3
30 Wool, unmanufactured.....	224.3	1.0	59.9	21.2	96.9	45.3
<b>Nonagricultural commodities:</b>						
31 Nonferrous metals and ferroalloys.....	1,310.6	347.0	252.3	354.6	164.0	192.7
32 Paper and paper materials.....	1,089.8	960.1	7	114.3	9.8	4.9
33 Petroleum and products.....	1,535.5	88.1	808.1	4.7	57.8	579.8
34 Textile manufactures.....	838.5	7.0	37.0	346.0	434.1	14.4
35 Machinery, electrical and other.....	656.1	167.3	1.2	373.2	112.0	2.4
36 Automobiles, including parts.....	843.5	13.0	(13)	823.5	5.2	1.8
37 Sawmill products.....	337.5	295.9	16.3	2	21.6	3.5
38 Chemicals and related products.....	347.1	93.3	37.7	176.2	20.5	19.4
39 Iron and steel-mill products <sup>14</sup> .....	578.2	60.7	4.7	407.0	93.8	6.0
40 Other agricultural and nonagricultural imports.....	3,846.1	975.4	451.4	1,373.3	717.9	328.1

<sup>1</sup> Includes Greece and Turkey.<sup>2</sup> Comprises Southern, Southeastern, and Eastern Asia, and Australia and other Oceania.<sup>3</sup> Commodities from which security regulations were removed in 1960 are included for all years; other "Special Category" exports remaining under security restrictions through 1961 are excluded.<sup>4</sup> Includes relatively small amounts of confectionery and distilled spirits, not classed as agricultural. Also includes relief food exports.<sup>5</sup> Includes animal and vegetable oils and a relatively small amount of essential oils not classed as agricultural.<sup>6</sup> Includes cigarettes, etc., not classed as agricultural.

## LEADING COMMODITIES, BY AREAS: 1959 TO 1961

to exports of U.S. merchandise and imports for consumption]

1960						1961					
Total	Canada	American Republics	Western Europe <sup>1</sup>	Far East <sup>2</sup>	Other areas	Total	Canada	American Republics	Western Europe <sup>1</sup>	Far East <sup>2</sup>	Other areas
18,892.4	3,709.2	3,478.1	6,318.4	3,639.8	1,746.9	19,104.9	3,643.1	3,379.9	6,292.1	3,995.0	1,794.8
1,655.3	54.8	175.2	543.3	567.6	314.4	1,893.3	92.1	218.9	791.0	462.8	328.5
933.5	248.3	154.6	323.7	129.1	77.8	1,000.3	254.5	128.8	347.3	164.1	105.6
749.5	62.5	60.8	389.8	177.6	58.8	722.5	70.7	47.7	339.0	186.9	78.2
987.6	45.5	14.9	478.6	418.7	20.9	884.2	48.3	14.7	382.3	409.8	29.1
476.7	4.2	26.7	323.7	72.4	49.7	498.9	4.0	30.8	330.3	91.9	41.9
4,120.9	1,055.2	1,019.1	980.9	655.9	409.8	4,482.6	988.9	1,058.6	1,259.5	740.6	435.0
816.7	229.6	230.4	171.1	113.6	72.0	867.7	223.1	247.8	212.3	111.7	72.8
2,515.0	570.9	628.6	627.4	428.0	200.1	2,743.3	608.4	653.7	791.6	501.7	287.9
145.1	86.0	26.5	14.6	6.4	11.6	143.7	77.6	27.4	18.5	7.2	13.0
387.2	111.9	96.8	58.9	64.2	55.4	359.3	105.5	84.8	66.1	53.2	49.7
1,221.2	387.8	435.6	135.9	108.2	153.7	1,118.1	357.8	389.5	132.0	117.6	121.2
1,685.8	277.3	399.3	506.8	317.5	124.9	1,725.3	284.9	379.0	574.3	356.3	130.8
695.1	156.3	132.2	177.1	116.5	113.0	683.8	150.8	129.7	180.9	117.4	105.0
304.6	66.2	16.1	84.1	137.8	1.4	427.1	62.9	13.6	91.9	268.4	3
610.4	132.9	142.2	183.3	98.9	53.1	428.9	103.3	103.4	81.9	107.5	32.8
478.6	62.2	95.7	127.1	135.9	57.7	444.7	45.9	74.5	121.8	143.2	59.3
362.0	129.1	23.5	154.8	54.0	1.6	350.4	121.2	19.0	144.5	64.7	1.0
378.0	5.7	22.7	269.4	78.0	1.6	340.7	5.5	25.1	208.3	99.9	1.9
551.2	41.2	50.4	378.2	61.7	19.7	350.9	69.0	49.7	137.8	71.2	23.2
3,682.0	980.0	709.1	1,201.7	509.4	281.8	3,753.2	993.3	696.9	1,160.3	592.7	301.0
15,017.5	3,153.1	3,528.0	4,185.0	2,675.2	1,476.2	14,720.3	3,266.6	3,214.2	4,067.1	2,579.2	1,593.2
3.6	-10.5	32.4	-32.4	23.4	-9.3	91.8	6.4	66.8	9.6	-29.8	38.8
15,013.9	3,163.6	3,495.6	4,217.4	2,651.8	1,485.5	14,628.5	3,260.2	3,147.4	4,057.5	2,609.0	1,554.4
1,003.4	-----	874.4	-----	3.2	125.8	961.1	(13)	816.9	.1	5.4	138.7
386.2	62.5	88.0	91.5	114.7	29.5	470.3	87.8	115.7	98.3	150.1	27.4
507.1	.2	369.5	1.0	126.0	11.4	457.5	3	222.7	2.9	194.9	36.7
1,390.0	252.4	365.0	393.0	241.3	138.3	1,420.2	258.0	306.4	424.5	243.3	188.0
321.8	(13)	.8	1	271.4	49.5	216.6	(13)	.8	.1	176.6	39.1
196.9	.5	53.5	20.7	82.3	39.9	197.7	1.1	62.4	17.2	86.3	40.7
1,321.2	310.8	347.5	280.6	201.8	180.5	1,241.3	331.2	294.2	253.5	196.5	165.9
1,098.3	976.6	.5	105.7	11.0	4.5	1,093.0	980.8	.1	97.6	9.8	4.7
1,543.8	107.4	826.6	1.2	59.7	548.9	1,615.9	176.7	808.2	3.1	53.1	574.8
932.8	0.9	37.9	370.2	402.2	22.6	864.7	9.1	31.1	347.0	457.5	20.0
711.1	152.1	1.1	417.8	137.7	2.4	788.0	150.1	.8	462.8	173.6	1.6
627.4	10.9	1	612.1	3.2	1.1	378.4	7.8	1.0	366.4	2.9	.3
309.8	273.0	15.3	1	18.1	3.3	314.0	281.0	15.4	.1	14.4	3.1
353.3	98.4	39.3	179.0	20.8	15.8	300.0	100.6	52.1	193.5	23.7	20.1
505.5	39.2	6.9	360.1	96.5	2.8	422.0	34.6	4.6	291.4	90.6	.8
3,805.3	869.7	469.2	1,384.3	772.9	309.2	3,787.9	841.1	425.0	1,499.0	730.3	202.5

<sup>7</sup> Includes printing and bookbinding machinery and office appliances not shown separately.<sup>8</sup> Includes semiconductor.<sup>9</sup> Includes scrap.<sup>10</sup> Nonmilitary aircraft, and engines "not special category."<sup>11</sup> Minus sign (-) denotes excess of withdrawals for consumption over entries into warehouse.<sup>12</sup> Includes a few items not classed as agricultural, especially distilled spirits, imported chiefly from United Kingdom and Canada, which were valued at \$201 million in 1959, \$219 million in 1960, and \$228 million in 1961.<sup>13</sup> Less than \$50,000.<sup>14</sup> Excludes pig iron and scrap.

Source: Department of Commerce, Bureau of International Programs.

## No. 1218. EXPORTS AND GENERAL IMPORTS OF MERCHANDISE, BY COUNTRY OF DESTINATION AND ORIGIN: 1950 TO 1961

[In thousands of dollars. For discussion of sampling error and for area coverage, see text, p. 857. "N. e. c." means not elsewhere classified. See also *Historical Statistics, Colonial Times to 1937*, series U 116-179, for group totals and selected countries]

AREA AND COUNTRY	EXPORTS, INCLUDING REEXPORTS						IMPORTS					
	1950	1957	1953	1959	1960	1961	1950	1957	1953	1959	1960	1961
<b>Grand total</b> .....	10,275,043	20,850,343	17,910,004	17,621,608	20,549,683	20,874,121	8,352,161	12,982,300	12,792,464	15,207,179	14,633,929	14,449,185
Special Category Type 1 1.....	491,191	455,034	500,499	550,685	357,535	302,812						
Special Category Type 2 1.....	14,136	1,330,821	1,434,512	1,435,631	1,397,898	1,435,377						
<b>Total, excl. Special Category 1</b> .....	9,829,716	19,064,488	15,918,992	15,915,311	18,884,198	19,104,932						
<b>North America</b> .....	3,448,234	6,162,832	5,544,544	5,528,858	5,382,448	5,100,133	3,100,579	4,473,534	4,403,667	4,637,196	4,435,968	4,457,420
<b>Northern Area</b> .....	2,009,341	3,938,041	3,437,922	3,743,715	3,709,504	3,643,242	1,961,593	2,908,143	2,675,264	3,043,879	2,902,635	3,091,417
Greenland.....	45	183	273	224	500	39	1,036		1,514	1,064	1,455	1,452
Canada (incl. Newfoundland and Labrador).....	2,009,504	3,937,779	3,437,581	3,743,490	3,708,859	3,643,052	1,960,467	2,906,883	2,673,600	3,041,956	2,900,768	3,089,717
Miquelon and St. Pierre.....	192	369	363	491	85	150	90	337	150	260	453	248
<b>Southern Area</b> .....	1,438,494	2,224,811	2,106,621	1,785,143	1,672,945	1,456,951	1,138,987	1,565,391	1,728,403	1,593,317	1,526,333	1,366,003
Mexico.....	519,488	908,561	892,754	744,261	819,630	796,569	315,412	430,068	454,003	435,357	443,321	538,341
<b>Central America</b> .....	284,474	373,287	356,729	315,228	322,864	334,088	182,599	232,342	225,909	203,802	209,315	225,669
Guatemala.....	43,981	81,979	78,916	64,449	62,850	60,400	53,716	73,741	66,044	65,070	58,686	63,089
British Honduras.....	3,325	4,715	4,846	5,276	4,776	7,185	1,916	2,120	1,474	2,195	1,967	1,975
El Salvador.....	32,602	50,398	44,871	35,943	42,381	35,283	51,037	55,646	48,444	37,370	32,153	36,530
Honduras.....	23,915	42,160	38,740	34,450	38,500	32,257	20,182	26,123	27,770	24,638	33,625	32,828
Nicaragua.....	18,810	39,426	36,826	27,691	29,591	32,275	19,459	22,289	21,111	15,397	20,836	25,345
Costa Rica.....	27,065	48,622	41,796	44,012	42,343	42,343	27,525	27,525	32,812	34,913	34,913	40,122
Panama, Republic.....	111,735	84,836	96,216	90,365	85,883	107,170	9,714	24,303	23,946	24,395	24,090	22,649
Panama, Canal Zone.....	23,050	21,151	17,519	17,178	15,922	17,873	2,361	2,596	1,138	1,386	3,046	3,133
<b>Bermuda and Caribbean</b> .....	634,532	942,964	857,138	725,653	530,480	321,294	640,575	902,981	1,048,491	954,158	873,668	601,993
Bermuda.....	9,448	21,841	24,699	30,391	31,064	32,589						
Bahamas.....	7,324	33,477	32,753	39,633	48,477	51,232	888	8,035	11,370	12,135	8,010	10,630
Cuba.....	461,450	621,576	546,947	233,728	13,716		406,404	451,866	523,980	474,663	357,305	35,130
Jamaica.....	8,428	39,775	32,106	47,684	48,142		2,307	39,141	52,883	46,890	54,262	73,349
Haiti.....	25,229	24,413	24,887	25,783	25,149	25,892	18,285	18,285	16,214	18,199	18,199	18,977
Dominican Republic.....	42,089	74,755	76,469	59,788	25,327	29,327	37,852	63,128	71,704	75,264	110,464	89,752
Leeward I. and Windward I.....	1,195	3,569	4,973	4,604	5,784	7,755	2,262	1,154	1,683	1,909	1,797	2,963
Barbados.....	1,095	3,024	3,809	3,949	5,833	6,000		1,658	1,098	970	543	1,182
Trinidad and Tobago.....	6,145	28,098	29,390	30,361	35,011	35,133	9,004	14,927	46,521	44,137	55,244	88,113
Netherlands Antilles.....	69,401	59,444	73,766	59,867	63,441	67,497	157,522	273,376	315,012	280,350	265,413	274,316
French West Indies.....	2,648	2,182	2,335	1,850	2,938	4,012	193	477	563	403	391	8,404

	1, 381, 314	2, 651, 855	2, 226, 537	1, 991, 478	2, 096, 487	2, 229, 225	1, 962, 879	2, 574, 310	2, 299, 764	2, 432, 399	2, 435, 369	2, 360, 309
<b>South America</b>												
<b>Northern Area</b>												
Colombia	643, 449	1, 328, 500	1, 014, 117	969, 159	827, 831	783, 697	651, 239	1, 312, 050	1, 245, 274	1, 263, 403	1, 288, 001	1, 222, 715
Venezuela	232, 120	136, 508	186, 508	205, 917	245, 099	243, 981	231, 174	382, 680	331, 550	339, 966	339, 966	275, 616
British Guiana	401, 222	1, 069, 740	810, 086	789, 852	559, 935	509, 788	393, 535	900, 024	888, 779	889, 864	947, 709	898, 834
Surinam	2, 856	9, 609	7, 982	7, 338	12, 226	12, 249	1, 485	5, 439	3, 305	4, 960	11, 065	18, 680
French Guiana	7, 012	12, 375	9, 061	15, 082	17, 412	16, 171	13, 054	22, 832	21, 167	27, 960	29, 725	30, 107
	239	313	512	2, 000	17, 998	16, 171	13, 054	22, 832	21, 167	27, 960	29, 725	30, 107
<b>Western Area</b>												
Ecuador	195, 994	488, 796	395, 355	336, 572	417, 833	475, 098	277, 888	408, 730	343, 112	388, 782	449, 554	442, 431
Peru	28, 984	101, 519	84, 871	54, 942	54, 942	48, 957	34, 372	58, 047	55, 996	60, 454	64, 997	55, 926
Bolivia	25, 062	203, 465	171, 265	127, 105	143, 253	173, 100	48, 754	137, 908	122, 953	118, 908	163, 173	194, 298
Chile	20, 610	34, 966	23, 679	24, 656	26, 361	26, 361	35, 261	16, 861	8, 803	7, 562	8, 835	9, 963
	196, 913	149, 116	137, 217	194, 983	226, 680	194, 983	169, 500	195, 534	155, 360	201, 857	192, 549	184, 245
<b>Eastern Area</b>												
Brazil	541, 872	834, 559	816, 364	695, 747	850, 823	970, 431	1, 033, 752	853, 530	711, 378	781, 214	697, 804	695, 163
Paraguay	363, 882	489, 137	413, 341	430, 175	486, 113	486, 113	715, 200	699, 690	564, 045	628, 480	570, 002	561, 960
Uruguay	3, 117	11, 312	10, 216	8, 839	12, 392	12, 392	6, 572	6, 572	8, 502	8, 502	8, 502	8, 611
Argentina	40, 602	49, 374	21, 646	33, 280	61, 802	48, 021	106, 117	17, 938	8, 557	18, 448	21, 090	22, 678
Falkland Islands	144, 244	294, 735	249, 584	231, 107	349, 984	423, 904	206, 060	129, 331	130, 741	125, 784	98, 216	101, 914
	27	1	1	2	13	(9)	69					
<b>Europe</b>	3, 007, 063	5, 853, 584	4, 627, 152	4, 625, 435	6, 519, 074	6, 440, 441	1, 448, 930	3, 146, 710	3, 340, 476	4, 607, 432	4, 267, 778	4, 145, 755
<b>Northwestern and Central Area</b>												
Iceland	2, 333, 043	4, 419, 216	3, 412, 453	3, 639, 463	5, 106, 882	4, 748, 686	1, 080, 840	2, 562, 002	2, 778, 572	3, 847, 157	3, 499, 805	3, 370, 434
Sweden	6, 017	10, 562	11, 469	13, 381	11, 532	13, 249	4, 397	6, 734	9, 984	11, 823	10, 350	12, 408
Norway	98, 995	233, 467	196, 717	208, 456	269, 955	269, 671	71, 270	118, 738	124, 162	184, 358	167, 503	140, 678
Denmark	72, 208	86, 578	68, 340	77, 452	89, 433	91, 722	40, 927	63, 301	4, 645	59, 038	59, 531	73, 163
United Kingdom	55, 461	88, 524	78, 598	107, 198	110, 321	110, 252	12, 159	33, 009	63, 261	104, 081	98, 234	108, 728
Ireland (Eire)	523, 106	1, 119, 379	851, 791	894, 303	1, 410, 985	1, 130, 425	384, 783	763, 935	864, 285	1, 137, 167	992, 685	900, 808
Netherlands	46, 464	21, 681	31, 048	30, 306	43, 213	43, 213	2, 583	6, 663	36, 038	26, 219	28, 284	31, 379
	236, 542	441, 620	556, 007	552, 071	715, 002	696, 005	84, 576	168, 387	188, 330	215, 983	212, 958	207, 894
Belgium and Luxembourg	269, 744	422, 678	331, 685	350, 853	438, 685	490, 404	139, 773	270, 390	298, 298	416, 034	363, 526	351, 552
France	344, 817	601, 629	437, 478	346, 189	580, 057	554, 879	131, 675	255, 457	308, 231	462, 081	396, 090	435, 474
West Germany <sup>1</sup>	440, 058	982, 653	737, 736	749, 096	1, 067, 825	1, 072, 032	104, 179	606, 627	629, 367	919, 984	897, 232	856, 654
East Germany <sup>2</sup>	108, 002	63, 382	57, 455	67, 447	79, 847	79, 847	6, 053	4, 881	6, 053	4, 137	3, 153	2, 529
Austria	1, 475	2, 390	1, 475	2, 469	2, 469	2, 469	2, 469	2, 469	2, 469	2, 469	2, 469	2, 469
Czechoslovakia	3, 470	1, 664	1, 664	1, 119	1, 660	1, 660	1, 660	1, 660	1, 660	1, 660	1, 660	1, 660
Hungary	129, 577	240, 137	164, 064	188, 242	283, 223	271, 150	109, 743	173, 165	155, 901	195, 803	198, 014	190, 699

<sup>1</sup> Effective January 1930, exports of Special Category commodities are not reported by

country of destination, for security reasons. Therefore, data in this table do not represent

total exports to the respective countries and areas, but total exports less Special Category

commodities. See July 1955, June, August, and December 1957, and April 1958 issues of

*Foreign Trade Statistics Notes* for further explanation and lists of Special Category

commodities.

<sup>2</sup> Sampling error is not greater than 5 to 10 percent.<sup>3</sup> Sampling error is not greater than 15 to 20 percent.<sup>4</sup> Sampling error is not greater than 10 to 15 percent.<sup>5</sup> Sampling error is not greater than 2 to 5 percent.<sup>6</sup> Less than \$500.<sup>7</sup> Time Span included with France prior to July 1958; with West Germany thereafter.<sup>8</sup> Country designations established January 1952; data for 1950 represent combined trade

with East and West Germany.

No. 1218. EXPORTS AND GENERAL IMPORTS OF MERCHANDISE, BY COUNTRY OF DESTINATION AND ORIGIN: 1950 TO 1961—Continued

(In thousands of dollars)

AREA AND COUNTRY	EXPORTS, INCLUDING REEXPORTS						IMPORTS					
	1950	1957	1953	1959	1960	1961	1950	1957	1953	1959	1960	1961
<b>Europe—Continued</b>												
<b>Northeastern Area</b>												
Finland	30,673	111,564	142,148	125,727	238,711	176,484	84,340	86,767	82,216	109,323	113,698	110,519
Estonia	20,935	34,024	33,546	43,601	56,355	56,131	34,905	39,994	35,816	48,843	52,246	48,984
Latvia		977			824	2,911	(9)	208	2	(6)	13	13
Lithuania	8,986	73,050	105,180	74,728	143,081	74,791	11,136	30,001	26,931	31,857	38,807	41,316
Poland and Danzig												
Union of Soviet Socialist Republics (Russia)	752	3,504	3,415	7,308	38,440	42,650	38,206	16,503	17,462	28,611	22,629	23,228
<b>Southwestern Area</b>												
Azores	441,734	942,823	750,287	606,126	896,926	1,139,184	183,755	334,052	397,566	495,270	517,650	500,415
Spain	1,195	1,121	881	1,304	887	702	846	625	828	830	841	841
Portugal	45,020	204,911	215,942	154,937	189,626	269,402	50,256	58,304	56,853	77,532	87,714	84,942
Gibraltar	33,959	47,135	31,094	26,881	38,626	56,376	20,829	22,343	22,190	26,371	34,991	38,347
Gibraltar	1,321	742	706	1,423	10,188	7,608	15	36	913	2,853	5,574	9,711
Malta, Gozo, and Cyprus	1,961	3,635	3,047	3,750	2,553	6,652	3,448	7,024	3,908	2,863	886	956
Italy	346,636	671,864	493,391	413,939	650,075	794,038	108,514	245,019	272,849	387,392	393,101	375,881
Free territory of Trieste	11,642	13,415	5,227	3,751	4,230	4,096	68	490	878	948	124	124
<b>Southeastern Area</b>												
Yugoslavia	201,614	379,981	321,530	304,000	277,124	375,574	99,995	163,889	122,123	155,682	136,625	164,396
Albania	42,362	144,184	115,435	122,207	85,979	153,936	18,718	35,333	29,236	37,145	40,550	40,550
Greece	169				3		43	106	94	127	65	74
Romania	94,161	80,411	75,146	53,507	63,602	78,401	17,113	35,050	36,918	34,012	33,453	46,360
Bulgaria	2,009	966	871	1,820	1,260	1,404	287	474	389	1,205	1,461	1,362
Turkey	857	130	72	763	72	1,404	2,348	460	700	1,965	1,781	1,248
Turkey	62,057	145,420	129,948	125,704	126,208	141,786	61,485	92,406	54,805	82,228	60,215	74,840
<b>Unidentified countries in Western Europe</b>												
Europe	1,477,505	3,405,490	2,657,751	2,755,014	3,645,615	4,107,388	1,637,972	1,934,535	1,983,446	2,602,647	2,721,339	2,582,992
<b>Asia</b>												
<b>Western Area</b>												
United Arab Republic (Syria Region)	222,317	415,869	422,190	441,228	481,307	513,278	131,128	262,431	349,929	345,117	312,283	323,761
Lebanon	18,037	18,360	15,033	11,777	37,722	28,510	11,074	7,733	5,122	9,527	6,537	5,130
Iraq	27,543	44,121	38,600	45,461	44,312	45,361	4,185	4,537	3,808	3,294	3,469	4,410
Iran (Persia)	39,827	49,791	37,197	27,607	30,932	37,379	12,469	29,078	30,078	34,474	29,483	29,483
Israel	39,290	53,749	105,918	113,636	117,125	91,908	23,648	20,081	41,684	50,040	51,267	61,314
Israel (Palestine)		97,941	105,271	116,553	125,523	146,022	7,959	20,914	18,090	27,531	27,266	32,640
Palestine	92,777											
Jordan		3										
Kuwait	1,119	6,828	10,038	15,563	16,977	23,562	8	4112	31	955	2,92	6,496
Saudi Arabia	3,214	39,231	42,555	46,863	40,844	46,412	41,772	112,214	167,038	158,818	123,705	108,977
Arabian Peninsula States, n.e.c.	33,528	64,584	58,742	50,041	42,338	44,006	24,365	41,011	72,171	56,387	65,220	55,530
Aden	61	6,180	6,923	8,740	7,436	17,745	2,274	8,029	6,856	2,441	4,475	24,298
State of Bahrain	264	1,166	1,858	1,858	2,806	3,263	2,436	4,485	4,589	768	2,826	927
State of Bahrain	7,154	7,923	6,380	6,422	8,209	9,747						



Southern and Southeastern Area									
Afghanistan	643,059	1,272,379	984,007	991,216	1,415,137	1,404,411	1,167,226	1,070,287	897,183
India	4,002	8,617	10,356	6,920	9,188	18,427	21,081	20,409	13,302
Pakistan	216,882	440,908	336,338	336,651	640,651	482,657	259,129	210,895	189,654
Nepal <sup>17</sup>	31,348	116,283	112,088	104,130	169,936	195,202	31,400	39,592	26,586
Ceylon	7,290	13,536	21,860	23,115	14,301	14,893	66,218	32,441	27,082
Burma	7,997	7,200	8,002	8,332	6,386	7,600	3,041	1,201	1,176
Thailand (Siam)	25,968	68,948	52,395	62,757	65,390	62,016	75,192	85,676	57,155
Viet-Nam <sup>18</sup>			61,945	56,449	53,087	67,134		4,874	
Laos <sup>19</sup>		80,075	2,410	2,685	1,630	2,685			
Cambodia <sup>18</sup>	9,771		7,195	5,590	7,016	11,296		9,270	
British Malaya <sup>18,20</sup>	20,777	46,208					310,015	191,549	93,132
Federation of Malaya <sup>19</sup>			7,999	8,680	17,787	23,114		159,367	156,273
Colony of Singapore, British Borneo <sup>20</sup>			29,235	31,884	47,679	53,215		32,417	29,149
Republic of Indonesia <sup>21</sup>	81,529	113,332	63,233	67,071	85,831	134,063	155,672	169,918	190,866
Republic of Philippines	243,477	373,053	292,887	297,287	297,287	332,007	235,962	262,115	312,168
Macao <sup>22</sup>		366	167	129	749	1,631	345	335	542
Portuguese Asia <sup>22,23</sup>	1,016		1,714	880	1,444	3,205	632	1,227	417
Portuguese Asia, n.e.c. <sup>23</sup>		2,342							
Southern and Southeastern Asia, n.e.c. <sup>17,21</sup>	2	521	886	155	173	302	41	59	74
Eastern Area									
China (including Manchuria) <sup>24</sup>	612,128	1,717,252	1,250,555	1,322,570	1,749,171	2,189,699	339,618	651,816	736,333
Outer Mongolia <sup>24</sup>	45,383			3		7	146,497	4,185	4,453
North Korea <sup>25</sup>									
Republic of Korea <sup>25</sup>	22,722		215,738	135,789	153,182	162,420	2,338	3,910	2,365
Hong Kong	103,033	75,151	71,986	96,237	122,607	127,859	5,399	33,974	51,527
Taiwan (Formosa)	24,384	103,179	102,179	107,315	110,708	135,692	3,322	8,865	10,771
Japan <sup>26</sup>	416,606	1,233,306	844,673	966,532	1,340,727	1,739,334	182,062	600,510	666,441
Nansei and Nampo I., n.e.c. <sup>27</sup>		15,177	15,973	16,694	22,048	24,387		273	2,589

<sup>22</sup> Sampling error is not greater than 5 to 10 percent.

<sup>23</sup> Sampling error is not greater than 10 to 15 percent.

<sup>24</sup> Sampling error is not greater than 2 to 5 percent.

<sup>25</sup> Less than \$300.

<sup>26</sup> Sampling error is not greater than \$25,000 to \$45,000.

<sup>27</sup> Sampling error is not greater than \$27,240 to \$31,230.

<sup>28</sup> Sampling error is not greater than \$4,000 to \$6,000.

<sup>29</sup> Includes Aegean Islands.

<sup>30</sup> Arbitrary category established with April 1958 statistics. See the April 1958 issue of *Foreign Trade Statistics Notes*.

<sup>31</sup> Formerly Syria. Country designation changed to United Arab Republic (Syria Region) effective July 1958.

<sup>32</sup> Israel and Palestine (called Palestine prior to 1950) combined in 1950.

<sup>33</sup> Sampling error is not greater than \$6,000 to \$8,000.

<sup>34</sup> Country designation established January 1952; Nepal included with Southern and Southeastern Asia, n.e.c., in 1950.

<sup>35</sup> Shown separately beginning January 1958. Viet-Nam, Laos, and Cambodia reported together from 1955 through 1957 and shown as Indochina prior to 1955.

<sup>18</sup> Federation of Malaya shown separately beginning January 1958. Prior to 1958, included with British Malaya.

<sup>19</sup> Country designation, Colony of Singapore, British Borneo, established July 1958 and includes area known as Colony of Singapore during first half of 1958. Prior to 1958, Colony of Singapore, British Borneo, included with British Malaya.

<sup>20</sup> Netherlands New Guinea included with Indonesia in 1950; with Southern and Southeastern Asia, n.e.c., thereafter.

<sup>21</sup> Country designation, Macao, established July 1952; Macao included with Portuguese Asia in 1950.

<sup>22</sup> Prior to July 1952, Portuguese Asia, n.e.c., called Portuguese Asia, which included Macao.

<sup>23</sup> Outer Mongolia included with China (including Manchuria) in 1950.

<sup>24</sup> Country designation established January 1952; data for 1950 represent combined trade with North Korea and Republic of Korea.

<sup>25</sup> Ryukyu (Nansei) Islands included with Japan in 1950; with Nansei and Nampo Islands, n.e.c., thereafter.

<sup>26</sup> Bonin Islands and Marcus Islands included with Western Pacific Islands (Oceania) in 1950; with Nansei and Nampo Islands, n.e.c., thereafter.

No. 1218. EXPORTS AND GENERAL IMPORTS OF MERCHANDISE, BY COUNTRY OF DESTINATION AND ORIGIN: 1950 TO 1961—Continued  
 [In thousands of dollars]

AREA AND COUNTRY	EXPORTS, INCLUDING REEXPORTS						IMPORTS					
	1950	1957	1958	1959	1960	1961	1950	1957	1958	1959	1960	1961
Australia and Oceania.....	146,388	285,016	244,753	323,162	474,792	400,858	208,140	216,314	207,625	337,605	266,105	316,689
Australia.....	110,922	215,809	190,750	266,343	387,052	318,165	141,004	146,877	94,293	196,873	142,099	180,247
New Guinea (Australian).....	471	1,338	800	781	923	978	38	301	128	508	683	736
New Zealand.....	29,025	55,493	43,484	48,412	74,665	68,419	64,515	65,062	109,870	135,549	119,023	129,889
British Western Pacific Islands.....	625	1,434	1,959	924	978	789	131	1,419	1,364	999	1,708	3,050
French Pacific Islands.....	5,131	7,891	5,247	4,728	7,499	8,391	2,279	2,540	1,897	1,382	1,513	750
Western Pacific Islands, n.e.c. <sup>37</sup> .....												
Trust Territory of Pacific Islands <sup>38</sup> .....	214	3,051	2,505	1,974	3,675	4,106	83	116	53	2,435	2,019	2,317
Africa.....	369,212	705,690	617,955	691,314	765,782	826,826	493,661	586,896	557,486	588,905	534,380	582,588
Northern Area.....	92,273	150,967	166,130	218,558	278,553	351,398	69,706	36,984	33,675	36,574	49,679	52,078
Morocco <sup>39</sup> .....	48,483	48,483	42,283	39,590	34,126	65,989	4,215	10,487	7,674	10,362	10,457	11,350
French Morocco <sup>40</sup> .....	23,423											
Tangier <sup>41</sup> .....	10,895	30,339	29,006	28,137	23,821	42,115	5,117	1,480	794	1,143	1,371	260
Algeria.....	16,168	7,220	6,857	9,341	21,250	39,312	3,212	4,106	3,141	2,650	2,473	683
Tunisia.....	7,197	16,740	21,815	31,858	42,157	36,307	245	91	3,135	243	3,319	2,458
Libya.....	423	33,070	43,104	53,871	107,118	161,874	54,535	17,020	17,743	16,785	31,618	34,229
United Arab Republic (Egypt Region) <sup>42</sup> .....		1,097	5,021	2,300	2,515	11,600	2,493	3,800	4,188	5,403	5,441	5,069
Sudan <sup>43</sup> .....												
Western Area.....	120,756	212,473	166,343	210,390	161,111	189,409	194,143	294,650	296,942	324,705	268,175	293,514
Western Spanish Africa:												
Canary Islands.....	5,854	5,592	2,571	5,954	13,360	11,878	125	40	87	402	29	174
Spanish Africa, n.e.c. <sup>44</sup> .....	301	2,926	1,792	1,451	2,444	4,703	4,950	244	78	108	1,073	200
Western Equatorial Africa: <sup>45</sup>												
Cameroun.....	5,327	4,659	4,455	3,240	3,293	4,118	995	6,009	6,722	9,674	6,089	6,195
Western Equatorial Africa, n.e.c. <sup>46</sup> .....	5,580	10,786	7,030	7,577	7,407	7,627	67	2,394	3,037	3,757	1,731	1,712
Western Africa, n.e.c. <sup>47</sup> .....	15,585	19,689	15,894	15,289	14,905	19,916	4,051	24,714	30,264	25,489	26,566	35,873
Ghana (Gold Coast) <sup>48</sup> .....												
Western British Africa:												
Nigeria.....	5,955	10,421	10,504	13,106	17,020	21,163	61,398	44,727	62,808	64,125	52,492	74,749
British West Africa, n.e.c. <sup>49</sup> .....	6,181	19,056	23,739	17,943	25,538	26,780	34,838	25,872	22,407	32,410	39,877	49,071
Western Portuguese Africa:												
Madeira Islands.....	562	2,270	1,035	1,782	2,249	3,028	3,549	3,195	2,447	3,125	3,388	4,546
Angola.....												
Western Portuguese Africa, n.e.c. <sup>50</sup> .....	1,733	1,024	306	767	885	880	2,801	2,063	2,688	2,965	2,917	9,214
Liberia.....	7,328	15,565	11,804	10,601	10,572	9,774	13,104	40,551	37,137	31,584	25,788	28,037
Western Portuguese Africa, n.e.c. <sup>51</sup> .....	513	435	47,294	820	36,070	48,633	1,861	1,824	1,447	1,915	2,967	2,964
Republic of the Congo <sup>52</sup> .....	24,713	59,807	47,294	100,876	36,070	48,633	20,974	38,236	33,063	42,083	39,423	31,846
	41,024	60,243	39,120	30,874	26,405	26,477	45,991	103,719	94,797	107,060	68,207	55,932

Eastern Area	23, 630	32, 727	34, 303	31, 404	34, 186	44, 291	50, 051	101, 842	96, 569	73, 321	92, 093	104, 327
Eastern Italian Africa <sup>37 38</sup>	103	1, 872	861	814	7, 333	10, 883	855	414	367	735	367	
Somaland <sup>37 38</sup>		5, 495	10, 802	9, 767	7, 333	10, 883	12, 235	32, 643	28, 561	15, 541	26, 963	31, 405
Ethiopia (Abyssinia) <sup>38</sup>	2, 895	5, 565	894	787	848	794	41	38	160	394	630	248
French Somaliland	818	565	1, 358	71	838	1, 065	1, 080	217	316	332	114	
British Somaliland <sup>39</sup>	1	1, 161									432	436
Somali Republic <sup>39</sup>												
Seychelles and dependencies	13	11	42	58	99		95	29	175	129	69	91
Mauritius and dependencies	646	651	1, 280	979	1, 070	736	12	5	72	17	8	846
British East Africa <sup>40</sup>	6, 914	8, 603	7, 118	8, 005	11, 602	18, 872	24, 636	45, 298	46, 017	40, 855	45, 581	52, 430
Mozambique	8, 110	9, 913	9, 092	7, 322	9, 965	9, 965	3, 218	3, 067	3, 144	3, 014	4, 821	5, 373
Madagascar	4, 160	4, 456	2, 857	2, 801	2, 494	1, 896	7, 849	19, 562	10, 885	11, 704	13, 407	15, 497
Southern Area	132, 555	309, 523	261, 179	230, 963	291, 932	241, 729	179, 761	153, 420	130, 299	154, 305	124, 433	132, 659
South Africa <sup>41</sup>	125, 465	289, 002	249, 512	220, 720	277, 297	228, 052	141, 500	100, 968	98, 361	117, 131	107, 990	122, 390
Northern Rhodesia <sup>40</sup>	2, 125						30, 832					
Southern Rhodesia <sup>40</sup>	4, 959						6, 964					
Federation of Rhodesia and Nyasaland <sup>40</sup>												
Southern British Africa <sup>41</sup>												
Unidentified continent		20, 494	11, 667	10, 243	14, 635	13, 647	345	52, 437	31, 938	37, 174	10, 444	10, 279
Unidentified country	6	27						15				3, 531
												3, 531

<sup>37</sup> Sampling error is not greater than 5 to 10 percent.

<sup>38</sup> Sampling error is not greater than 15 to 20 percent.

<sup>39</sup> Sampling error is not greater than \$5,000 to \$45,000.

<sup>40</sup> Bonin Islands and Marcus Islands included with Western Pacific Islands (Oceania).

<sup>41</sup> In 1960, with Nanset and Nantop Islands, n.e.c., thereafter.

<sup>42</sup> Country designation established beginning January 1954. Previously designated as Western Pacific Islands, n.e.c., but changed to reflect exclusion of Bonin Islands and Marcus Islands.

<sup>43</sup> Country designation, Morocco, established January 1957 and includes former French Morocco, Spanish Morocco, and Tangier. In 1960, French Morocco and Tangier shown separately and Spanish Morocco included with Spanish Africa, n.e.c.

<sup>44</sup> Country designation changed to United Arab Republic (Egypt Region) effective July 1958. Previously designated as Egypt.

<sup>45</sup> Country designation established January 1956. Previously designated as Anglo-Egyptian Sudan.

<sup>46</sup> Heading established July 1960. Previously designated as French West Africa.

<sup>47</sup> Country designation established July 1960. Previously designated as French Equatorial Africa.

<sup>48</sup> Source: Department of Commerce, Bureau of the Census.

<sup>49</sup> Country designation established July 1960. Designated as French West Africa and Republic of Togo July 1958-June 1960. Designated as French West Africa prior to July 1958.

<sup>50</sup> Country designation established July 1960. Previously designated as Belgian Congo.

<sup>51</sup> Country designation, Somaliland, established January 1954; Somaliland included with Eastern Italian Africa in 1950.

<sup>52</sup> Eritrea included with Eastern Italian Africa in 1950; with Ethiopia, thereafter.

<sup>53</sup> Somaliland and British Somaliland combined as Somali Republic effective July 1960. 1960 data therefore reflect Somaliland and British Somaliland separately for January-June, and combined as Somali Republic for July-December.

<sup>54</sup> Effective July 1954, Northern Rhodesia, Southern Rhodesia, and Nyasaland combined under Federation of Rhodesia and Nyasaland. For 1950, Nyasaland included with British East Africa.

<sup>55</sup> Southern British Africa included with Union of South Africa beginning January 1958. Prior to 1958, shown separately.

## No. 1219. IMPORTS—COFFEE, TEA, AND COCOA AND CHOCOLATE: 1921 TO 1961

[Coffee and tea imports represent imports from foreign countries and from Alaska, Hawaii, and outlying areas into conterminous United States. Reexports of coffee represent exports from conterminous United States to foreign countries, Alaska, Hawaii, and outlying areas. Beginning 1956, all coffee on green coffee basis. Cocoa and chocolate figures represent general imports through 1932, imports for consumption thereafter, and include imports of Alaska, Hawaii, and Puerto Rico]

YEARLY AVERAGE OR YEAR	COFFEE				TEA			COCOA AND CHOCOLATE <sup>2</sup>	
	Imports	Exports and reexports	Net imports per capita <sup>1</sup>	Average import price	Net imports	Value	Net imports per capita <sup>1</sup>	Imports	Value
	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>Pounds</i>	<i>Cents per lb.</i>	<i>1,000 lb.</i>	<i>\$1,000</i>	<i>Pounds</i>	<i>1,000 lb.</i>	<i>\$1,000</i>
1921-1925.....	1,343,879	35,288	11.73	15.4	92,230	24,658	0.83	367,907	32,019
1926-1930.....	1,498,291	24,222	12.80	18.0	88,054	26,004	0.74	429,338	47,044
1931-1935.....	1,628,316	10,520	12.81	8.7	86,802	18,369	0.69	487,401	21,051
1936-1940.....	1,906,417	17,774	14.52	7.3	89,558	19,858	0.69	622,802	33,563
1941-1945.....	2,300,918	12,309	16.63	11.5	81,121	25,527	0.59	568,728	39,022
1946-1950.....	2,673,293	43,673	18.08	27.6	89,306	39,424	0.60	626,754	143,015
1951-1955.....	2,606,375	27,731	16.24	54.6	100,729	50,344	0.65	629,883	219,893
1956-1960.....	2,862,129	85,636	15.80	43.0	105,271	50,735	0.60	619,380	179,386
1950.....	2,441,910	16,784	16.48	44.6	113,376	53,099	0.75	711,751	176,147
1955.....	2,601,676	35,812	15.41	52.6	103,591	64,028	0.64	604,087	224,460
1956.....	2,816,564	60,217	15.90	51.2	100,267	59,609	0.62	656,088	173,372
1957.....	2,773,364	73,598	15.65	49.8	101,202	49,820	0.60	609,411	157,166
1958.....	2,684,043	90,322	15.54	43.9	102,623	47,231	0.60	533,095	197,107
1959.....	3,093,523	102,396	15.97	35.7	108,233	50,719	0.60	621,099	197,225
1960.....	2,943,153	101,647	15.92	34.4	114,028	55,219	0.59	676,930	171,811
1961.....	2,983,985	99,915	16.06	32.4	108,584	53,148	0.62	898,574	184,009

<sup>1</sup> Beginning 1941, based on civilian population and military population in the U.S. and abroad; prior to 1941, civilian only.

<sup>2</sup> Includes prepared, except confectionery.

Source: Department of Commerce, Business and Defense Services Administration and Bureau of the Census; prior to 1947, *Foreign Commerce and Navigation of the United States*; thereafter, *Quarterly Summary of Foreign Commerce of the United States*, and records.

## No. 1220. IMPORTS ENTERED FOR CONSUMPTION AND DUTIES THEREON: 1901 TO 1961

[For years ending June 30 through 1915; calendar years thereafter. For basis of dollar values and for area coverage, see text, p. 857. See also *Historical Statistics, Colonial Times to 1957*, series U 15-20]

YEARLY AVERAGE OR YEAR	VALUES				Duties calculated <sup>1</sup>	RATIO OF DUTIES TO VALUES		Amount duties per capita <sup>2</sup>
	Total	Free	Dutiable	Percent free		Total imports	Dutiable imports	
	<i>\$1,000</i>	<i>\$1,000</i>	<i>\$1,000</i>		<i>\$1,000</i>	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>
1901-1910.....	1,142,514	522,123	620,391	45.7	280,965	24.59	45.29	3.32
1911-1915.....	1,698,028	966,141	731,887	56.9	283,408	16.69	38.72	2.91
1916-1920 <sup>3</sup> .....	3,289,788	2,262,412	1,027,376	68.8	227,035	6.90	22.10	2.17
1921-1925.....	3,422,748	2,088,932	1,333,816	61.0	478,911	13.99	35.90	4.22
1926-1930.....	4,020,350	2,645,610	1,374,740	65.8	550,743	13.70	40.06	4.52
1931-1935.....	1,704,294	1,075,585	628,709	63.1	314,477	18.45	50.02	2.46
1936-1940.....	2,440,042	1,475,825	964,217	60.5	365,151	14.96	37.87	2.76
1941-1945.....	3,478,693	2,293,945	1,184,748	66.0	379,704	10.92	32.13	2.72
1946-1950.....	6,583,595	3,842,818	2,740,777	58.4	439,463	6.67	16.03	2.94
1951-1955.....	10,784,009	5,974,880	4,809,129	55.4	581,619	5.39	12.09	3.58
1956-1960.....	13,669,042	5,843,202	7,726,740	43.1	882,411	6.50	11.42	4.93
1950.....	8,743,082	4,766,778	3,976,304	54.5	522,337	5.97	13.14	3.38
1955.....	11,836,787	6,036,084	5,800,703	53.2	633,313	5.59	11.95	3.77
1956.....	12,615,747	6,234,514	6,381,233	49.8	709,690	5.67	11.30	4.15
1957.....	12,950,008	6,090,400	6,859,608	46.6	745,982	5.76	10.79	4.28
1958.....	12,739,429	5,341,561	7,397,868	41.9	820,672	6.44	11.00	4.63
1959.....	14,908,594	5,823,328	9,170,266	38.8	1,051,972	7.02	11.47	5.84
1960.....	14,650,335	5,780,209	8,870,126	39.5	1,083,757	7.40	12.22	5.99
1961.....	14,857,321	5,614,959	9,242,361	39.1	1,056,670	7.36	12.00	5.68

<sup>1</sup> 1947-1959 data from Bureau of Customs and represent unrevised figures based on reports at time of entry.

<sup>2</sup> Beginning 1940, based on estimated population including Armed Forces abroad.

<sup>3</sup> Period July 1, 1915, to Dec. 31, 1920.

Source: Department of Commerce, Bureau of the Census (except as noted); prior to 1947, *Foreign Commerce and Navigation of the United States*; thereafter, *Quarterly Summary of Foreign Commerce of the United States*, and records.

**No. 1221. IMPORTED DUTIABLE MERCHANDISE ENTERED FOR CONSUMPTION—  
VALUES, CALCULATED DUTIES, AND AVERAGE RATE OF DUTY: 1935 TO 1961**

[In thousands of dollars. For basis of dollar values and for area coverage, see text, p. 857. Includes articles on which countervailing and antidumping duties are assessed. Free list commodities taxable under revenue acts excluded. Percents represent average ad valorem rate or ratio of duties to values of dutiable merchandise. 1959 excludes estimated low value shipments (\$250 or less) whose value was \$56,303,000 and 1960 and 1961 includes low value shipments]

YEAR	Values	Duties	Per- cent	Values	Duties	Per- cent	Values	Duties	Per- cent	Values	Duties	Per- cent
	Chemicals, oils, and paints			Earths, earthenware, and glassware			Metals and manufactures			Wood and manufactures		
1935	66,105	28,205	42.67	22,853	11,636	50.92	68,013	23,305	34.27	12,657	2,923	23.09
1940	41,204	12,856	30.99	22,336	8,806	39.43	102,303	31,161	30.46	17,461	1,723	9.87
1945	71,859	10,051	13.99	14,760	3,884	26.31	150,019	38,496	25.66	44,563	2,867	6.43
1950	140,773	23,133	15.45	82,737	21,935	26.51	658,793	85,475	12.97	237,168	8,514	3.59
1953	192,725	26,558	13.78	138,240	32,073	23.20	1,204,829	140,408	11.65	237,236	13,520	5.70
1955	209,693	30,173	14.39	167,047	39,131	23.43	1,148,483	138,974	12.10	345,770	21,017	6.08
1956	230,494	32,212	13.97	197,166	45,106	22.87	1,552,508	179,834	11.58	345,130	22,198	6.43
1957	238,305	32,624	13.68	195,500	44,803	22.91	1,832,307	201,031	10.97	307,767	23,907	7.78
1958	219,895	31,774	14.45	195,422	46,033	23.56	1,956,318	215,099	11.00	333,218	25,111	7.54
1959	280,316	40,842	14.57	260,161	62,512	23.22	2,846,036	293,842	10.32	459,347	34,241	7.45
1960	302,615	43,411	14.35	270,089	63,877	23.65	2,577,497	281,649	10.88	419,447	32,277	7.70
1961	298,654	45,236	15.15	252,158	50,054	23.42	2,412,654	264,456	10.96	430,821	30,866	7.17
	Sugar, molasses, and manufactures			Tobacco and manufactures			Agricultural products and provisions			Spirits, wines, and other beverages		
1935	94,953	39,985	42.11	25,974	21,958	84.54	219,133	87,559	39.96	42,384	39,326	92.79
1940	87,780	42,826	48.79	30,685	22,173	80.44	177,228	46,083	31.30	53,809	32,753	60.87
1945	35,418	10,430	29.45	82,278	28,253	34.34	314,005	42,542	13.55	67,923	45,340	66.75
1950	359,948	37,635	10.46	78,654	10,534	24.84	623,196	66,073	10.70	116,485	29,284	25.14
1953	372,383	35,845	9.63	84,481	17,000	20.12	775,318	71,218	9.19	152,422	35,899	23.55
1955	358,186	36,360	10.15	87,052	17,819	20.47	668,258	72,387	10.90	171,462	39,646	23.12
1956	492,944	39,967	8.10	91,624	18,337	20.01	669,990	62,031	9.25	197,804	44,003	22.24
1957	511,818	40,802	7.97	98,702	18,021	18.25	793,926	74,632	9.40	213,172	44,273	20.76
1958	579,509	50,902	8.78	107,325	19,391	18.07	1,030,118	99,433	9.65	227,388	45,174	19.86
1959	550,088	42,193	7.67	114,457	20,437	17.86	1,048,688	94,069	8.97	256,734	50,306	19.59
1960	599,196	48,574	8.53	119,398	20,950	17.55	1,955,790	89,937	9.40	280,586	54,946	19.58
1961	506,463	42,077	8.31	116,670	21,603	18.52	1,062,353	102,329	9.63	205,248	58,033	10.66
	Cotton manufactures			Flax, hemp, jute, and manufactures			Wool and manufactures			Silk manufactures		
1935	27,136	10,852	39.99	62,430	15,083	24.16	28,857	23,510	81.47	6,039	3,557	58.90
1940	20,106	7,050	35.06	68,033	10,255	15.07	77,829	51,601	66.30	4,074	2,148	52.72
1945	26,392	4,533	17.18	17,863	3,982	22.29	220,513	144,039	62.76	1,928	927	48.08
1950	40,999	9,742	23.76	144,843	9,279	6.41	394,178	94,294	23.91	20,272	8,953	30.59
1953	57,206	12,329	21.55	124,147	8,595	6.90	339,238	75,769	22.34	20,678	8,972	30.23
1955	99,105	21,542	21.74	127,605	8,919	6.99	311,441	69,930	22.45	35,972	10,127	28.15
1956	133,380	28,355	21.25	135,320	9,698	7.16	311,808	74,694	23.95	47,038	12,103	25.73
1957	116,488	28,048	20.55	131,322	8,767	6.67	287,918	67,234	23.35	53,707	13,716	25.53
1958	135,197	26,859	19.87	120,316	9,642	8.01	254,941	71,500	28.05	55,209	13,812	25.02
1959	190,534	37,728	19.80	142,998	8,809	6.16	330,634	95,980	29.03	68,234	16,286	23.87
1960	243,935	45,543	18.67	153,154	10,036	6.55	348,185	111,033	32.06	65,388	15,944	24.38
1961	192,765	37,377	20.25	174,632	9,917	5.68	335,961	98,888	29.43	48,981	11,869	24.23
	Rayon and other syn- thetic textiles, man- ufactures			Pulp, paper, and books			Sundries			Free-list commodities <sup>1</sup>		
1935	1,730	831	48.03	11,118	2,697	24.26	111,030	36,172	32.58	32,011	10,008	31.26
1940	3,898	1,260	32.32	7,550	1,278	16.93	114,957	29,558	25.71	86,582	17,235	19.91
1945	2,529	1,252	49.51	8,773	1,200	14.36	170,294	33,068	19.39	112,430	11,347	10.09
1950	35,209	7,877	22.37	27,144	2,691	9.91	338,043	61,370	18.15	650,803	35,947	5.52
1953	31,833	6,270	19.70	48,841	4,712	9.65	316,278	63,863	20.19	751,322	31,350	4.17
1955	60,210	11,693	19.42	60,879	5,952	9.78	370,816	72,407	19.53	997,322	36,784	3.69
1956	40,925	9,063	22.14	73,068	7,154	9.70	434,562	82,189	18.91	1,221,668	42,744	3.49
1957	42,831	9,724	22.97	74,628	7,119	9.53	456,189	86,818	19.03	1,446,196	48,483	3.34
1958	46,480	11,269	24.24	77,699	7,200	9.27	491,442	91,074	18.53	1,492,642	56,390	3.78
1959	73,450	19,988	27.21	98,326	13,364	13.59	716,562	138,637	19.35	1,619,164	72,694	4.49
1960	57,622	17,946	31.14	100,678	9,291	9.23	781,898	140,892	19.17	1,625,354	84,539	5.20
1961	54,415	15,925	29.27	101,553	9,480	9.33	779,996	168,403	21.59	1,679,428	81,167	4.83

<sup>1</sup> Taxable under Revenue Act of 1932 and subsequent acts, dutiable under section 406, Tariff Act of 1930, etc. Taxes collected on dutiable commodities under revenue acts and Sugar Act of 1937 are included as appropriate.

Source: 1935-1950, Treasury Department, Bureau of Customs; *Annual Report of the Secretary*. Beginning 1960, Department of Commerce, Bureau of the Census.

**NO. 1222. IMPORTS OF MERCHANDISE, FREE AND DUTIABLE, AND PERCENT FREE, BY ECONOMIC CLASSES: 1921 TO 1961**

In thousands of dollars. For basis of dollar values and for area coverage, see text, p. 857. Data are "general imports" through 1933; "imports for consumption" thereafter. Percentage free in general imports is normally slightly lower than in imports for consumption because more dutiable general imports than free general imports are reported as reexported. Moreover, in the period 1922-1933, there is an understatement of free goods in general imports because for 1922 to 1933, carpet wool used for making carpets, and for 1922 to 1928, wheat imported for milling in bond for exports were reported as dutiable when entered, although no duty was ultimately paid on these products.]

YEAR OR YEARLY AVERAGE	TOTAL			CRUDE MATERIALS			CRUDE FOODSTUFFS AND FOOD ANIMALS		
	Free	Dutiable	Percent free	Free	Dutiable	Percent free	Free	Dutiable	Percent free
1921-1925.....	2,060,303	1,389,800	59.7	1,036,681	253,794	80.3	302,242	80,297	79.0
1926-1930.....	2,597,197	1,436,271	64.4	1,228,971	255,152	82.8	407,540	90,075	80.4
1931-1935.....	1,067,145	640,430	62.4	380,639	111,703	77.4	220,717	44,532	83.2
1936-1940.....	1,475,826	964,217	60.5	627,289	170,946	77.7	238,355	81,247	74.6
1941-1945.....	2,293,945	1,181,648	66.0	777,319	369,830	67.8	434,555	134,158	76.4
1946-1950.....	3,842,818	2,740,777	58.4	1,263,001	720,287	63.4	1,031,862	205,183	83.4
1951-1955.....	5,974,886	4,809,123	55.4	1,692,815	1,141,908	59.7	1,835,924	206,809	87.2
1956-1960.....	5,843,202	7,726,740	43.1	1,649,058	1,383,815	54.4	1,633,614	273,687	85.7
1950.....	4,766,778	3,976,304	54.5	1,481,571	983,918	62.1	1,492,335	257,221	85.3
1955.....	6,036,634	5,300,153	53.2	1,695,440	1,149,989	59.6	1,779,779	218,594	89.1
1960.....	6,234,514	6,281,233	49.8	1,757,332	1,329,063	56.9	1,818,913	217,145	89.3
1967.....	6,036,400	6,914,206	46.6	1,670,626	1,531,616	52.3	1,749,685	270,679	86.6
1958.....	5,341,561	7,397,868	41.9	1,364,509	1,395,417	49.4	1,595,433	340,805	82.4
1959.....	5,828,328	9,170,200	38.8	1,761,585	1,335,109	56.9	1,647,268	276,256	84.9
1960.....	5,789,209	8,870,120	39.5	1,685,151	1,327,270	55.9	1,456,772	263,490	84.7
1961.....	5,614,659	8,742,361	39.1	1,521,176	1,354,536	52.9	1,430,334	282,223	83.6

YEAR OR YEARLY AVERAGE	MANUFACTURED FOODSTUFFS <sup>1</sup>			SEMIMANUFACTURES			FINISHED MANUFACTURES		
	Free	Dutiable	Percent free	Free	Dutiable	Percent free	Free	Dutiable	Percent free
1921-1925.....	56,620	391,469	12.6	411,802	197,423	67.6	253,058	466,817	35.2
1926-1930.....	73,706	324,603	18.5	543,245	218,789	71.3	343,735	538,650	39.0
1931-1935.....	72,466	164,332	30.6	218,078	101,523	68.2	175,245	218,340	44.5
1936-1940.....	73,466	272,056	21.3	337,616	173,434	66.1	199,199	257,532	43.6
1941-1945.....	129,910	270,159	32.5	516,375	218,778	70.2	435,786	188,713	69.8
1946-1950.....	110,454	595,548	15.6	821,512	648,778	55.9	615,689	561,982	52.8
1951-1955.....	153,376	935,981	14.1	1,323,351	1,235,028	51.7	969,419	1,226,397	44.1
1956-1960.....	30,748	1,390,992	2.2	1,225,315	1,767,486	40.9	1,303,866	2,910,759	30.9
1950.....	112,584	785,839	12.5	932,193	1,193,717	43.8	748,095	755,609	49.8
1955.....	158,269	959,280	14.2	1,333,218	1,443,331	48.0	1,069,927	1,528,959	41.2
1960.....	32,015	1,134,991	2.7	1,439,734	1,564,957	47.9	1,186,521	2,034,477	36.8
1967.....	33,132	1,238,941	2.6	1,368,394	1,551,444	46.8	1,205,563	2,321,526	34.1
1958.....	29,745	1,474,382	2.0	1,076,370	1,555,539	40.7	1,275,414	2,621,695	32.7
1959.....	27,961	1,571,139	1.7	1,085,658	2,220,749	32.8	1,400,856	3,767,013	27.1
1960.....	30,891	1,535,606	2.0	1,156,419	1,934,742	37.4	1,460,976	3,809,116	27.6
1961.....	33,646	1,567,869	2.1	1,132,884	1,951,944	36.7	1,487,918	3,585,789	29.3

<sup>1</sup> Includes beverages.

Source: Department of Commerce, Bureau of the Census; prior to 1947, *Foreign Commerce and Navigation of the United States*; thereafter, *Quarterly Summary of Foreign Commerce of the United States*, and records.

No. 1223. IMPORTS FOR CONSUMPTION, FREE AND DUTIABLE, BY PRINCIPAL COUNTRIES: 1960 AND 1961

[In millions of dollars. For area coverage, see text, p. 857]

COUNTRY	1960				1961			
	Total	Free	Duti- able	Percent free	Total	Free	Duti- able	Percent free
Grand total.....	15,013.9	6,143.8	8,870.1	40.9	14,628.5	5,886.1	8,742.4	40.2
Northern North America.....	3,165.5	1,960.2	1,205.3	61.9	3,261.9	1,915.1	1,346.8	58.7
Canada.....	3,163.6	1,959.7	1,203.9	61.9	3,260.2	1,914.6	1,345.6	58.7
Other.....	1.9	.5	1.4	26.3	1.7	.5	1.2	29.4
Southern North America.....	1,514.3	657.7	856.6	43.4	1,315.5	636.0	679.5	48.3
Mexico.....	445.8	185.6	260.2	41.6	510.2	211.7	298.5	41.5
Central American countries.....	208.3	173.9	34.4	83.5	223.8	186.1	37.7	83.2
Guatemala.....	58.0	53.3	4.7	91.0	61.6	56.3	5.3	91.4
El Salvador.....	32.1	26.9	5.2	83.8	36.5	32.5	4.0	89.0
Other.....	118.2	93.7	24.5	79.3	125.7	97.3	28.4	77.4
Bermuda and Caribbean.....	860.2	298.3	561.9	34.7	581.5	238.2	343.3	41.0
Cuba.....	342.6	37.0	305.6	10.7	34.9	3.0	31.9	8.6
Dominican Republic.....	109.8	51.1	58.7	46.5	88.4	33.1	55.3	37.4
Netherlands Antilles.....	269.9	124.4	145.5	46.1	255.7	97.8	157.9	38.2
Other.....	137.9	85.8	52.1	62.2	202.5	104.3	98.2	51.5
South America.....	2,417.1	1,441.3	975.8	59.6	2,322.5	1,291.2	1,031.3	55.6
Argentina.....	98.8	63.7	35.1	64.5	101.2	61.1	40.1	60.4
Bolivia.....	9.2	5.2	4.0	56.5	9.5	6.2	3.3	65.3
Brazil.....	553.3	496.2	67.1	88.1	554.0	462.3	101.7	82.0
Chile.....	202.1	171.4	30.7	84.8	173.8	153.6	20.2	88.4
Colombia.....	290.2	251.3	47.9	84.0	274.5	234.2	40.3	85.3
Peru.....	169.2	101.7	67.5	60.1	191.1	88.3	102.8	46.2
Uruguay.....	19.9	1.2	18.7	6.0	23.1	1.5	21.6	6.5
Venezuela.....	941.1	248.1	693.0	26.4	877.0	196.5	680.5	22.4
Other.....	114.3	102.5	11.8	89.7	105.3	87.5	20.8	80.8
Europe.....	4,301.1	697.1	3,604.0	16.2	4,139.8	741.8	3,398.0	17.9
Belgium and Luxembourg.....	362.0	53.9	308.1	14.9	354.3	63.3	291.0	17.9
Finland.....	52.1	32.3	19.8	62.0	46.0	29.5	16.5	64.1
France.....	394.8	69.2	325.6	17.5	432.7	86.9	345.8	20.1
Germany, Western.....	895.0	53.4	841.6	6.0	850.9	64.1	786.8	7.5
Italy.....	394.6	33.4	361.2	8.5	378.9	32.2	346.7	8.5
Netherlands.....	211.0	44.9	166.0	21.2	208.4	53.7	154.7	25.8
Norway.....	87.7	21.3	66.4	24.3	92.2	18.4	73.8	20.0
Spain.....	36.3	11.7	24.6	32.2	35.4	11.6	23.8	32.8
Sweden.....	179.3	49.0	130.3	27.3	140.1	40.0	100.1	28.6
Switzerland.....	197.3	31.0	166.3	15.7	190.8	24.5	166.3	12.8
Turkey.....	70.7	0.5	61.2	0.7	65.0	8.4	56.6	12.9
United Kingdom.....	996.1	216.6	779.5	21.7	898.9	229.2	669.7	25.6
Other.....	382.4	70.0	312.4	18.3	400.2	80.0	320.2	20.0
Asia.....	2,700.3	784.4	1,915.9	29.0	2,608.7	679.3	1,929.4	26.0
Ceylon.....	38.7	37.5	1.2	96.9	31.3	30.6	.7	97.8
China.....	3	3	(1)	97.7	.4	.4	(1)	99.9
India.....	230.0	68.4	161.6	29.7	254.8	70.8	184.0	27.8
Indonesia.....	216.1	161.0	55.1	74.5	162.7	114.3	48.4	70.3
Japan.....	1,128.5	79.7	1,048.8	7.1	1,075.0	80.2	995.7	7.5
Malaya.....	156.3	154.9	1.4	99.1	149.2	147.8	1.4	99.1
Pakistan.....	36.0	26.7	9.3	74.2	36.6	25.5	11.1	69.7
Republic of Philippines.....	307.1	110.5	196.6	36.0	321.2	97.9	223.3	30.5
Singapore.....	19.0	18.3	.7	96.3	14.7	14.1	.6	95.9
Thailand (Siam).....	55.5	52.8	2.7	95.1	37.5	34.8	2.7	92.8
Other.....	514.8	74.3	440.5	14.4	524.4	62.9	461.5	12.0
Australia and Oceania.....	266.1	91.8	174.3	34.4	321.6	101.1	220.5	31.4
Australia.....	143.8	29.7	114.1	20.7	184.1	33.8	150.3	18.4
New Zealand.....	117.0	57.6	59.4	49.2	130.7	61.4	69.3	47.0
Other.....	5.3	4.5	.8	84.9	6.8	5.9	.9	86.8
Africa.....	630.5	492.4	138.1	78.1	655.1	521.7	133.4	79.6
Congo, Republic of.....	68.1	50.6	17.5	74.3	55.5	40.9	14.6	73.7
Egypt (U.A.R.).....	24.7	2.4	22.3	9.7	22.0	2.3	19.7	10.5
Ghana.....	55.2	43.8	11.4	79.3	78.2	67.6	10.6	86.4
Nigeria and Cameroons.....	39.9	39.3	.6	98.5	49.1	48.4	.7	98.6
Republic of South Africa.....	201.0	155.9	45.1	77.6	205.7	150.2	55.5	73.0
Other.....	241.6	200.4	41.2	82.9	244.6	212.3	32.3	86.8
Imports not identified by country.....	19.0	19.0	-----	100.0	3.5	-----	3.5	-----

<sup>1</sup> Less than \$50,000.

Source: Department of Commerce, Bureau of International Programs.

# No. 1224. DUTIES ON IMPORTS FOR CONSUMPTION, AND RATIO TO DUTIABLE IMPORTS, BY PRINCIPAL COUNTRIES: 1950 TO 1961

[Duties in thousands of dollars. For area coverage, see text, p. 857. Represents unrevised data based on reports at time of entry]

COUNTRY	DUTIES CALCULATED					RATIO OF DUTIES TO VALUE OF DUTIABLE IMPORTS FOR CONSUMPTION (percent)				
	1950	1955	1959	1960	1961	1950	1955	1959	1960	1961
<b>Grand total.....</b>	<b>522,337</b>	<b>633,313</b>	<b>1,051,972</b>	<b>1,083,757</b>	<b>1,056,678</b>	<b>13.16</b>	<b>11.95</b>	<b>11.53</b>	<b>12.22</b>	<b>12.69</b>
<b>Northern North America.....</b>	<b>61,734</b>	<b>63,025</b>	<b>81,380</b>	<b>80,974</b>	<b>83,031</b>	<b>7.25</b>	<b>5.99</b>	<b>6.17</b>	<b>6.72</b>	<b>6.17</b>
Canada <sup>1</sup> .....	61,721	62,944	81,319	80,899	82,972	7.25	5.99	6.17	6.72	6.17
Other.....	13	81	61	74	59	9.35	9.00	7.64	5.35	5.09
<b>Southern North America.....</b>	<b>69,509</b>	<b>66,742</b>	<b>80,433</b>	<b>85,381</b>	<b>63,883</b>	<b>10.07</b>	<b>9.48</b>	<b>8.64</b>	<b>9.96</b>	<b>9.40</b>
Mexico.....	16,869	20,981	27,366	33,813	37,490	10.03	11.20	10.98	12.99	12.56
Central American countries.....	404	588	1,492	2,484	2,981	7.87	6.76	6.04	7.22	7.90
Guatemala.....	97	100	148	197	444	10.52	9.50	4.59	4.21	8.31
El Salvador.....	38	29	98	151	180	7.09	4.83	1.80	2.93	4.70
Other.....	269	369	1,246	2,136	2,351	7.32	6.05	7.77	8.60	8.27
Bermuda and Caribbean.....	52,236	45,173	51,575	49,084	23,412	10.10	8.87	7.85	8.73	6.82
Cuba.....	42,623	39,845	41,333	34,040	4,658	11.05	10.95	9.93	11.14	14.61
Dominican Republic.....	1,031	1,086	2,428	6,393	6,151	10.70	6.50	8.26	10.81	11.12
Netherlands Antilles.....	7,449	3,357	5,481	4,171	4,406	6.45	2.79	3.23	2.86	2.70
Other.....	1,133	885	2,333	4,481	8,198	11.60	11.06	5.02	8.60	8.35
<b>South America.....</b>	<b>74,732</b>	<b>44,124</b>	<b>54,900</b>	<b>55,972</b>	<b>63,194</b>	<b>10.79</b>	<b>6.39</b>	<b>5.61</b>	<b>5.73</b>	<b>6.13</b>
Argentina.....	21,494	10,066	8,364	6,970	6,129	18.02	16.18	15.62	19.88	16.28
Bolivia.....	961	303	538	425	303	13.33	7.58	13.94	10.66	9.26
Brazil.....	3,778	6,326	5,340	6,407	10,654	8.92	15.50	8.08	9.55	10.48
Chile.....	5,433	879	3,206	2,271	1,419	10.37	11.13	7.26	7.39	7.04
Colombia.....	1,704	944	1,449	1,869	2,135	4.50	3.88	3.69	3.80	5.30
Peru.....	5,052	4,168	5,405	7,445	11,537	14.68	8.22	11.53	11.08	11.25
Uruguay.....	20,898	3,807	5,076	4,843	5,062	22.04	21.51	28.15	28.93	26.21
Venezuela.....	13,467	16,064	24,205	24,248	22,742	4.73	3.42	2.96	3.50	3.34
Other.....	1,966	677	1,207	1,494	2,614	9.27	7.78	13.64	12.66	12.40
<b>Europe<sup>2</sup>.....</b>	<b>193,852</b>	<b>304,408</b>	<b>532,281</b>	<b>530,924</b>	<b>532,546</b>	<b>19.39</b>	<b>16.75</b>	<b>14.15</b>	<b>14.73</b>	<b>15.67</b>
Belgium and Luxembourg.....	12,632	21,053	34,649	31,808	31,700	11.83	11.71	13.79	10.32	12.89
Finland.....	915	1,964	2,268	4,122	2,071	17.06	14.13	11.72	20.86	12.67
France.....	20,507	26,048	48,455	44,832	59,901	20.51	16.77	12.31	13.77	17.32
Germany <sup>3</sup> .....	14,260	52,068	111,490	113,201	110,296	18.12	16.28	13.05	13.45	14.02
Italy.....	19,724	30,068	66,143	72,178	73,150	23.17	19.83	14.71	19.99	21.22
Netherlands.....	5,321	8,916	15,714	10,540	16,586	9.93	9.11	9.60	9.91	10.72
Norway.....	3,182	2,697	3,586	3,925	4,523	11.19	8.48	7.84	5.92	6.13
Spain.....	7,434	8,288	10,516	13,082	12,910	18.40	16.85	10.21	17.53	17.51
Sweden.....	2,180	5,322	14,601	14,154	12,413	14.23	13.27	11.61	11.76	12.40
Switzerland.....	32,564	39,203	43,923	41,166	41,653	31.44	30.32	26.61	24.72	25.04
Turkey <sup>4</sup> .....	10,136	11,168	11,270	11,863	11,863	22.64	19.48	18.41	20.98	20.98
United Kingdom.....	55,510	75,792	120,560	117,417	109,713	20.72	17.60	13.75	15.06	16.43
Other.....	10,623	22,773	49,208	47,292	45,761	17.11	13.40	16.88	16.13	14.29
<b>Asia<sup>5</sup>.....</b>	<b>80,684</b>	<b>119,069</b>	<b>256,556</b>	<b>293,725</b>	<b>268,860</b>	<b>16.50</b>	<b>15.04</b>	<b>14.72</b>	<b>15.34</b>	<b>13.94</b>
Ceylon.....	65	153	176	80	60	8.00	10.93	8.14	6.44	7.73
China.....	13,262	24	8	2	(4)	16.20	24.00	32.00	32.51	-----
India.....	7,398	12,943	8,026	14,887	10,350	5.48	8.97	6.37	9.21	5.02
Indonesia.....	893	1,651	2,607	3,022	2,498	17.41	5.71	4.78	5.48	8.16
Japan.....	35,307	81,960	199,502	213,788	198,027	27.94	23.30	21.41	20.43	19.99
Malaya, Federation of.....	118	146	95	97	92	11.76	12.17	11.71	6.95	6.78
Pakistan.....	70	119	436	619	529	10.00	7.93	5.76	6.64	4.78
Philippines, Republic of.....	106	297	3,194	4,324	3,175	47.53	11.00	1.70	2.20	1.42
Singapore.....	-----	119	59	59	35	-----	-----	17.10	8.30	6.24
Thailand (Siam).....	385	608	290	481	319	21.13	20.97	13.94	17.71	12.01
Turkey <sup>6</sup> .....	12,208	-----	-----	-----	-----	29.53	-----	-----	-----	-----
Other.....	10,782	21,168	42,103	50,865	55,778	11.42	8.24	10.38	1.28	12.08
<b>Australia and Oceania.....</b>	<b>29,164</b>	<b>20,965</b>	<b>30,063</b>	<b>22,489</b>	<b>28,963</b>	<b>11.28</b>	<b>18.06</b>	<b>12.61</b>	<b>12.86</b>	<b>13.13</b>
Australia.....	23,846	17,077	20,941	15,782	20,574	20.07	17.70	13.05	13.74	13.69
New Zealand.....	5,287	3,708	8,977	6,666	8,301	24.93	20.83	11.79	11.22	11.98
Other.....	31	180	85	61	88	9.54	10.00	6.40	8.38	9.71
<b>Africa.....</b>	<b>12,662</b>	<b>14,980</b>	<b>16,419</b>	<b>14,291</b>	<b>15,429</b>	<b>12.21</b>	<b>11.68</b>	<b>10.77</b>	<b>10.28</b>	<b>11.27</b>
Belgian Congo.....	90	1,083	1,105	974	991	9.70	9.26	5.93	5.56	6.77
Egypt.....	2,246	1,807	1,437	2,204	1,499	7.38	7.53	11.17	9.80	7.03
Ghana (Gold Coast).....	940	745	700	503	484	10.89	4.87	4.16	4.42	4.57
Nigeria.....	74	38	17	17	22	7.28	9.50	3.28	2.82	3.37
Union of South Africa.....	5,955	7,308	8,544	6,879	9,312	13.36	15.82	16.37	15.16	16.69
Other.....	3,357	3,080	4,016	3,714	3,121	18.53	13.04	8.98	8.88	9.03
<b>Unidentified Continent.....</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>772</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>22.19</b>
<b>Unidentified Country.....</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>772</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>22.19</b>

<sup>1</sup> Includes Newfoundland and Labrador.

<sup>2</sup> Turkey included in Europe as of January 1, 1952.

<sup>3</sup> Beginning 1960, West Germany. East Germany included with "Other."

<sup>4</sup> Less than \$500.

Source: 1950-1959 Treasury Department, Bureau of Customs. Beginning 1960, Department of Commerce, Bureau of the Census.



## Section 32

### Outlying Areas Under the Jurisdiction of the United States

This section presents summary statistics on the industrial, social, and agricultural organization of the Commonwealth of Puerto Rico, the principal possessions of the United States (Virgin Islands, Guam, and American Samoa), and the Canal Zone. Population estimates of the Trust Territory of the Pacific Islands are also presented.

Primary sources of these data are the decennial censuses of population, housing, and agriculture, and the quinquennial censuses of business and manufactures conducted by the Bureau of the Census; the annual *Vital Statistics of the United States* issued by the Public Health Service; the *Biennial Survey of Education* published by the Office of Education; and the *Quarterly Summary of Foreign Commerce of the United States* issued by the Bureau of the Census. Additional information appears in the *Minerals Yearbook* of the Bureau of Mines.

**Jurisdiction.**—The circumstances under which the United States gained jurisdiction over these areas are 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, signed December 10, 1898, and ratified in 1899. Puerto Rico acquired the status of a commonwealth on July 25, 1952.

The Virgin Islands, formerly known as the Danish West Indies, were purchased by the United States from Denmark in 1917.

American Samoa was acquired by the United States in accordance with a convention between the United States, Great Britain, and Germany, signed December 2, 1899, and ratified February 16, 1900.

The use, occupation, and control of the Canal Zone were granted to the United States under the terms of a treaty with the Republic of Panama, signed November 18, 1903, and ratified in 1904.

The Trust Territory of the Pacific Islands, comprised of 96 atolls and island units formerly under Japanese mandate, was placed under the United Nations trusteeship system by an agreement approved by the Security Council on April 27, 1947, and by the United States on July 18, 1947.

For a brief summary of the territorial development of the United States, see tables 4 and 218 in sections 1 and 6, respectively.

**Censuses.**—Because of differences in the population and housing characteristics and the varieties of agricultural products among the outlying areas, the presentation of census data is not uniform for all areas. However, the tables in this section give, as nearly as possible, comparable data for the areas. The 1960 Census of Population covered all of the places listed above except the Trust Territory of the Pacific Islands; the 1959 Census of Agriculture covered all except the Canal Zone and the Trust Territory; and the 1960 Census of Housing covered only Puerto Rico, Guam, and the Virgin Islands. Separate Censuses of Business and Manufactures were conducted in Puerto Rico for 1954 and 1958.

For definition and explanation of terms used; see section 1, Population; section 23, Agriculture—Farms, Land, and Finances; section 24, Agriculture—Production, Marketing, and Trade; section 28, Construction and Housing; section 29, Manufactures; and section 30, Distribution and Services.

**Commerce.**—Figures for trade with foreign countries shown here represent exports and imports through the respective customs districts and do not necessarily represent exports of commodities originating within the designated area, nor imports for direct consumption within the area.

**Information in other sections.**—In addition to the specialized 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*.

**No. 1225. POPULATION CHARACTERISTICS—SUMMARY FOR PUERTO RICO, AMERICAN SAMOA, CANAL ZONE, GUAM, AND VIRGIN ISLANDS: 1960**

ITEM	Puerto Rico	American Samoa	Canal Zone	Guam	Virgin Islands
<b>AREA AND POPULATION</b>					
Land area.....sq. mi.	3,421	76	362	209	132
<b>Total population.....</b>	<b>2,349,544</b>	<b>20,051</b>	<b>42,122</b>	<b>67,044</b>	<b>32,099</b>
Per square mile.....	687	264	116	321	243
Percent increase, 1950 to 1960.....	6.3	5.9	-20.3	12.7	20.4
Urban.....	1,039,301	-----	13,429	-----	18,017
Rural.....	1,310,243	-----	28,693	-----	14,082
Male.....	1,162,764	10,164	23,278	39,211	15,930
Female.....	1,186,780	9,887	18,844	27,833	16,169
<b>YEARS OF SCHOOL COMPLETED</b>					
Male, 25 years old and over.....	451,652	3,127	10,699	17,739	6,897
No school years completed.....	89,816	70	217	195	352
Elementary: 1 to 4 years.....	143,520	495	444	2,430	1,374
5 and 6 years.....	50,512	794	1,094	2,241	1,766
7 and 8 years.....	47,932	1,030	1,572	2,391	1,247
High school: 1 to 3 years.....	36,364	363	1,397	3,264	670
4 years.....	38,856	146	3,280	3,993	670
College: 1 to 3 years.....	18,108	116	1,268	1,526	256
4 years or more.....	19,348	63	1,187	1,213	500
School years not reported.....	2,196	50	240	486	62
Median school years completed.....	4.8	7.5	12.2	10.2	6.9
Female, 25 years old and over.....	473,352	3,352	8,933	10,325	7,285
No school years completed.....	124,420	121	93	629	300
Elementary: 1 to 4 years.....	148,036	802	883	2,350	1,123
5 and 6 years.....	61,076	1,314	1,301	1,398	2,150
7 and 8 years.....	45,896	721	1,284	1,968	1,490
High school: 1 to 3 years.....	30,286	195	1,131	1,240	677
4 years.....	30,212	35	2,659	2,175	805
College: 1 to 3 years.....	18,672	30	1,201	935	354
4 years or more.....	13,216	22	713	533	314
School years not reported.....	2,014	52	168	101	72
Median school years completed.....	4.3	6.2	12.1	8.6	7.0
<b>MARITAL STATUS</b>					
Male, 14 years old and over.....	685,036	5,274	16,346	25,952	9,923
Single.....	260,616	2,318	6,473	9,347	4,055
Married.....	368,965	2,772	9,309	15,807	5,296
Widowed or divorced.....	30,455	184	564	798	577
Female, 14 years old and over.....	721,381	5,410	12,246	15,074	10,123
Single.....	207,257	1,779	3,276	3,942	3,468
Married.....	423,600	3,041	8,165	9,977	5,283
Widowed or divorced.....	90,624	590	805	1,155	1,367
<b>MARRIED COUPLES AND FAMILIES</b>					
Married couples.....	1,374,828	2,489	7,733	9,442	14,468
With own household.....	351,940	2,151	7,648	8,889	4,294
Families.....	447,932	2,577	8,008	10,265	6,212
Husband-wife families.....	352,744	2,154	7,654	8,912	4,310
<b>HOUSEHOLDS</b>					
Population in households.....	2,320,369	19,866	37,057	55,140	31,394
Number of households.....	484,237	2,608	9,229	10,830	8,625
Population per household.....	4.79	7.62	4.02	5.09	3.64
Population in group quarters.....	29,175	185	5,065	11,904	705
Inmates of institutions.....	12,039	29	455	151	338
<b>EMPLOYMENT STATUS</b>					
Total labor force.....	594,124	5,889	17,566	26,304	11,334
Civilian labor force.....	585,656	5,884	11,023	17,599	11,228
Male.....	441,540	3,584	7,278	13,891	7,258
Employed.....	416,776	3,550	7,116	13,680	7,045
Unemployed.....	24,764	34	162	211	213
Female.....	144,116	2,300	3,745	3,708	3,970
Employed.....	134,912	2,283	3,426	3,528	3,800
Unemployed.....	9,204	17	319	180	170

1 Includes consensually married couples.

**No. 1225. POPULATION CHARACTERISTICS—SUMMARY FOR PUERTO RICO, AMERICAN SAMOA, CANAL ZONE, GUAM, AND VIRGIN ISLANDS: 1960—Continued**

ITEM	Puerto Rico	American Samoa	Canal Zone	Guam	Virgin Islands
<b>EMPLOYED PERSONS, BY INDUSTRY GROUP</b>					
Agriculture, forestry, and fisheries.....	136,006	2,887	339	420	610
Mining.....	1,306	( <sup>2</sup> )	( <sup>2</sup> )	33	24
Construction.....	47,432	167	485	5,257	1,361
Durable goods manufacturing.....	22,380	22	385	213	175
Nondurable goods manufacturing.....	71,728	838		289	695
Transportation, communication, and public utilities.....	39,264	187	2,619	1,197	988
Wholesale and retail trade.....	81,772	238	742	2,319	1,850
Finance, insurance, and real estate.....	6,808	( <sup>2</sup> )	( <sup>2</sup> )	153	237
Business and repair services.....	9,776	( <sup>2</sup> )	( <sup>2</sup> )	206	217
Personal services.....	36,272	( <sup>2</sup> )	( <sup>2</sup> )	648	2,265
Entertainment and recreation services.....	5,440	( <sup>2</sup> )	( <sup>2</sup> )	249	112
Professional and related services.....	55,872	695	1,490	1,669	1,167
Public administration.....	29,764	617	2,717	4,455	1,113
Other industries.....		113	1,731		
Industry not reported.....	7,488	60	34	105	31
<b>INCOME IN 1959</b>					
Persons 14 years old and over.....	1,406,472	10,684	23,592	41,026	20,051
With income.....	740,024	4,750	17,906	27,061	13,431
\$1 to \$99 or loss.....	71,620	661	417	427	424
\$100 to \$499.....	204,076	1,971	1,685	1,787	3,020
\$500 to \$999.....	140,006	1,277	1,186	1,660	2,551
\$1,000 to \$1,999.....	177,360	573	4,592	8,593	3,403
\$2,000 to \$2,999.....	77,308	95	1,970	5,291	1,664
\$3,000 to \$3,999.....	20,156	46	1,372	3,572	928
\$4,000 to \$4,999.....	21,284	40	2,096	3,027	708
\$5,000 to \$9,999.....	12,656	60	3,446	1,992	431
\$10,000 and over.....	6,468	27	1,142	703	302
Median income.....dollars.....	818	428	2,451	2,168	1,175

<sup>2</sup> Not available.

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Population, 1960*, PC(1)-53B, PC(1)-54B, PC(1)-55B, PC(1)-56B, and PC(1)-57B.

**No. 1226. ESTIMATED POPULATION FOR PUERTO RICO, AMERICAN SAMOA, CANAL ZONE, GUAM, VIRGIN ISLANDS, AND TRUST TERRITORY OF THE PACIFIC ISLANDS: 1940 TO 1961**  
[As of July 1, except as noted. Total population estimates include estimates of Armed Forces stationed in area]

YEAR	PUERTO RICO		AMERICAN SAMOA		CANAL ZONE	
	Total	Civilian	Total	Civilian	Total	Civilian
1940.....	1,880,000	1,876,000	( <sup>1</sup> )	( <sup>1</sup> )	57,000	30,500
1945.....	2,099,000	2,098,000	( <sup>1</sup> )	( <sup>1</sup> )	87,800	45,600
1950.....	2,218,000	2,213,000	19,100	19,000	53,200	42,500
1951.....	2,235,000	2,216,000	19,500	19,400	55,500	41,400
1952.....	2,227,000	2,202,000	19,300	19,200	58,100	42,100
1953.....	2,204,000	2,177,000	19,200	19,100	57,000	42,200
1954.....	2,214,000	2,190,000	19,500	19,400	55,300	41,900
1955.....	2,250,000	2,235,000	19,800	19,700	54,900	41,600
1956.....	2,249,000	2,240,000	20,100	20,000	53,400	40,600
1957.....	2,260,000	2,251,000	20,300	20,300	51,600	38,500
1958.....	2,299,000	2,289,000	20,500	20,500	48,300	36,500
1959.....	2,322,000	2,313,000	20,400	20,400	42,000	35,300
1960.....	2,361,000	2,349,000	20,000	20,000	42,000	34,300
1961.....	2,406,000	2,396,000	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
YEAR	GUAM		VIRGIN ISLANDS		TRUST TERRITORY OF THE PACIFIC ISLANDS	
	Total	Civilian	Total	Civilian	Total	Civilian
1940.....	( <sup>1</sup> )	( <sup>1</sup> )	25,000	24,900	( <sup>1</sup> )	( <sup>1</sup> )
1945.....	( <sup>1</sup> )	( <sup>1</sup> )	26,700	26,300	( <sup>1</sup> )	( <sup>1</sup> )
1950.....	59,900	41,300	26,900	26,800	56,600	54,800
1951.....	63,400	45,500	27,700	27,600	58,100	56,200
1952.....	63,600	47,200	27,900	27,800	59,600	57,200
1953.....	68,700	49,700	26,900	26,800	60,300	57,800
1954.....	67,100	51,700	27,200	27,100	63,300	61,100
1955.....	68,700	53,400	27,600	27,500	66,000	64,300
1956.....	69,200	56,600	28,400	28,300	68,300	65,000
1957.....	66,500	54,400	29,400	29,300	68,900	67,200
1958.....	66,700	54,800	30,000	29,900	73,600	70,724
1959.....	67,800	56,000	31,000	30,900	74,400	73,100
1960.....	66,500	57,100	32,600	32,500	76,400	75,800
1961.....	( <sup>1</sup> )	( <sup>1</sup> )	33,600	33,500	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Not available. <sup>2</sup> Census count, April 1.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-25, Nos. 80 and 228.

**No. 1227. PUERTO RICO—LAND AREA, POPULATION PER SQUARE MILE, AND POPULATION BY AGE AND SEX: 1940 TO 1960**

ITEM	1940			1950			1960		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>AREA AND POPULATION</b>									
Land area.....sq. mi.	3,423			3,423			3,421		
<b>Total population</b> .....	1,869,255	938,280	930,975	2,210,703	1,110,946	1,099,757	2,349,544	1,162,764	1,186,780
Per square mile.....	546.1			645.8			696.8		
Urban.....	566,357	284,672	301,635	894,813	429,578	465,235	1,039,301	498,236	541,065
Rural.....	1,302,898	673,608	629,290	1,315,890	681,368	634,522	1,310,243	664,528	645,715
<b>AGE</b>									
<b>Total, all ages</b> .....	1,869,255	938,280	930,975	2,210,703	1,110,946	1,099,757	2,349,544	1,162,764	1,186,780
Under 5 years.....	280,440	142,289	138,151	366,422	185,199	181,223	354,402	179,619	174,783
5 to 9 years.....	251,652	127,791	123,861	318,127	161,183	156,944	327,529	165,930	161,599
10 to 14 years.....	227,097	114,496	112,601	270,727	138,675	132,052	321,207	162,244	158,963
15 to 19 years.....	206,149	99,460	106,689	220,231	108,915	111,316	246,860	122,602	124,258
20 to 24 years.....	206,326	102,464	103,862	192,930	91,083	101,847	171,065	79,792	91,273
25 to 34 years.....	250,604	124,275	126,329	289,729	142,924	146,805	262,919	120,694	142,225
35 to 44 years.....	187,110	94,268	92,842	224,346	114,907	109,439	238,017	114,679	123,338
45 to 54 years.....	125,993	66,825	59,168	146,082	76,460	70,522	180,796	93,613	87,183
55 to 64 years.....	69,831	36,808	33,023	95,631	50,634	44,997	123,942	63,499	60,443
65 and over.....	63,106	29,245	33,861	85,578	40,966	44,612	122,207	60,092	62,115
Median age.....	19.2	19.2	19.2	18.4	18.2	18.6	18.5	18.0	18.9

<sup>1</sup> Includes 947 persons (359 males and 588 females) for whom age was not reported.

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Population: 1900*, PC(1)-53A and PC(1)-53B.

**No. 1228. POPULATION OF AMERICAN SAMOA, CANAL ZONE, GUAM, AND VIRGIN ISLANDS, BY AGE AND SEX, 1960, AND BY AGE, 1940 AND 1950**

AGE	AMERICAN SAMOA					CANAL ZONE				
	1940	1950	1960			1940	1950	1960		
			Total	Male	Female			Total	Male	Female
<b>Total, all ages</b> .....	12,908	18,937	20,051	10,164	9,887	15,827	52,822	42,122	23,278	18,844
Under 5 years.....	2,248	3,538	3,700	1,919	1,790	2,410	6,532	4,680	2,380	2,300
5 to 9 years.....	2,022	2,875	3,244	1,680	1,555	2,633	4,968	4,873	2,475	2,398
10 to 14 years.....	1,096	2,350	2,993	1,581	1,412	2,905	3,310	4,801	2,452	2,349
15 to 19 years.....	1,363	2,161	2,182	1,178	1,004	6,368	4,735	4,037	2,315	1,722
20 to 24 years.....	1,134	1,630	1,444	670	774	13,045	6,384	4,099	2,957	1,142
25 to 34 years.....	1,751	2,657	2,261	974	1,287	9,760	10,971	5,886	3,200	2,686
35 to 44 years.....	1,226	1,650	1,844	945	899	5,761	7,045	6,716	3,509	3,207
45 to 54 years.....	723	1,099	1,162	613	549	5,368	4,450	4,309	2,537	1,862
55 to 64 years.....	452	523	672	344	328	2,068	3,335	1,766	1,085	681
65 and over.....	293	454	540	251	289	493	1,092	865	368	497
Median age.....	16.8	16.6	15.2	14.6	15.8	24.2	25.4	23.3	23.4	22.9
AGE	GUAM					VIRGIN ISLANDS				
	1940	1950	1960			1940	1950	1960		
			Total	Male	Female			Total	Male	Female
<b>Total, all ages</b> .....	122,290	59,498	67,044	39,211	27,833	24,889	26,665	32,099	15,930	16,169
Under 5 years.....	3,746	7,568	10,824	5,614	5,210	3,027	3,866	4,934	2,445	2,489
5 to 9 years.....	3,261	4,453	9,164	4,593	4,571	2,581	3,685	4,185	2,102	2,083
10 to 14 years.....	2,827	4,084	7,254	3,685	3,569	2,370	2,877	3,649	1,810	1,839
15 to 19 years.....	2,228	7,162	4,094	3,053	1,941	2,383	2,225	2,964	1,540	1,424
20 to 24 years.....	1,870	11,378	6,744	4,527	2,217	2,277	7,116	2,185	1,139	1,049
25 to 34 years.....	3,174	12,727	12,189	7,912	4,277	3,446	3,507	3,862	1,895	1,967
35 to 44 years.....	2,149	6,805	8,554	5,612	2,942	2,510	2,746	3,499	1,749	1,750
45 to 54 years.....	1,411	3,230	4,367	2,720	1,647	2,446	2,202	2,760	1,392	1,368
55 to 64 years.....	936	1,293	1,866	1,009	857	2,056	1,830	1,854	883	971
65 and over.....	675	798	1,088	486	602	1,774	2,011	2,207	978	1,229
Median age.....	17.9	22.8	20.8	22.9	16.5	24.6	22.0	20.7	20.3	21.2

<sup>1</sup> Includes persons for whom age was not reported.

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Population: 1960*, Vol. II, Part 54, and *U.S. Census of Population: 1960*, PC(1)-54B, PC(1)-55(B), PC(1)-56B, and PC(1)-57B.

**No. 1229. POPULATION BY RACE AND SEX, AND MALES PER 100 FEMALES, FOR PUERTO RICO, AMERICAN SAMOA, CANAL ZONE, GUAM, AND VIRGIN ISLANDS: 1940 TO 1960**

AREA AND RACE	1940		1950		1960		MALES PER 100 FEMALES		
	Male	Female	Male	Female	Male	Female	1940	1950	1960
<b>Puerto Rico</b> .....	938,280	930,975	1,110,946	1,099,757	1,162,764	1,186,780	100.8	101.0	98.0
White.....	718,398	712,346	883,602	878,809	(1)	(1)	100.8	100.5	(1)
Negro.....	219,851	218,607	226,293	220,655	(1)	(1)	100.6	102.6	(1)
Other races.....	31	22	1,051	293	(1)	(1)	-----	358.7	(1)
<b>American Samoa</b> .....	6,612	6,296	9,818	9,119	10,164	9,887	105.0	107.7	102.8
Polynesian.....	5,711	5,580	9,032	8,565	9,668	9,546	102.3	105.5	101.3
Part Polynesian.....	687	616	538	432	306	255	111.5	124.5	120.6
White.....	200	100	236	122	170	79	200.0	193.4	-----
Other races.....	14	-----	12	-----	20	7	-----	-----	-----
<b>Canal Zone</b> .....	37,528	14,299	30,729	22,093	23,278	18,844	262.5	139.1	123.5
White.....	26,971	5,885	19,564	12,443	15,878	12,318	458.3	157.2	128.9
Nonwhite.....	10,557	8,414	11,165	9,650	7,400	6,526	125.5	115.7	113.4
<b>Guam</b> .....	11,300	10,990	40,485	19,013	39,211	27,833	102.8	212.9	140.9
White.....	581	204	18,248	4,672	13,102	7,622	284.8	390.6	171.0
Chamorro.....	9,999	10,178	13,403	13,721	16,881	17,881	98.2	97.7	94.4
Filipino.....	321	248	7,009	249	7,470	1,110	129.4	2,814.9	678.0
Other races.....	399	360	1,825	371	1,758	1,220	110.8	491.9	144.1
<b>Virgin Islands</b> .....	11,912	12,977	13,075	13,590	15,930	16,169	91.8	96.2	98.5
White.....	1,216	1,020	1,552	1,393	2,885	2,488	119.2	111.4	116.0
Negro.....	8,123	9,053	8,915	9,646	10,022	10,612	89.7	92.4	94.4
Mixed and other races..	2,673	2,904	2,608	2,551	3,023	3,069	88.6	102.2	98.6

<sup>1</sup> Not available.

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Population: 1950*, Vol. II (parts 53 and 54), and *U.S. Census of Population: 1960* PC(1)-53B, PC(1)-54B, PC(1)-55B, PC(1)-56B, and PC(1)-57B.

**No. 1230. BIRTHS, DEATHS, MARRIAGES, AND DIVORCES, IN PUERTO RICO AND VIRGIN ISLANDS: 1940 TO 1960**

[By place of occurrence. Births and deaths are registered births and deaths only. Rates for 1940 and 1950 based on population enumerated as of April 1, for all other years estimated as of July 1]

AREA AND YEAR	BIRTHS		DEATHS		DEATHS UNDER 1 YEAR		MARRIAGES		DIVORCES <sup>3</sup>	
	Number	Rate per 1,000 population <sup>1</sup>	Number	Rate per 1,000 population <sup>2</sup>	Number	Rate per 1,000 live-births	Number	Rate per 1,000 population <sup>2</sup>	Number	Rate per 1,000 population <sup>1</sup>
<b>Puerto Rico:</b>										
1940.....	472,388	438.7	34,468	18.4	8,221	113.6	19,457	10.4	2,600	1.4
1945.....	86,680	41.9	28,537	13.7	8,064	93.0	17,490	8.3	3,247	1.6
1950.....	86,038	38.9	21,895	9.9	5,807	67.5	20,552	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	2.0
1959.....	75,104	32.0	15,818	6.7	3,777	47.0	20,133	8.6	5,411	2.3
1960.....	76,314	32.5	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)
<b>Virgin Islands:</b>										
1940.....	756	30.4	553	22.2	103	136.2	7122	74.9	(6)	(6)
1945.....	984	37.4	401	15.0	122	124.0	7238	78.9	52	2.0
1950.....	894	33.5	374	14.0	51	37.0	7138	75.2	271	10.2
1955.....	913	33.1	311	13.0	41	44.9	221	9.2	103	4.3
1959.....	1,107	35.7	320	(6)	48	43.4	306	(6)	138	(6)
1960.....	1,180	36.8	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)

<sup>1</sup> 1945 based on civilian population in area; other years based on total population present in area.

<sup>2</sup> Based on total population present in area. <sup>3</sup> Includes reported annulments.

<sup>4</sup> Source: *Forty-third Annual Report of the Governor of Puerto Rico*. <sup>5</sup> Incomplete.

<sup>6</sup> Not available. <sup>7</sup> Marriage licenses; for year ending June 30.

Source: Department of Health, Education, and Welfare, Public Health Service, annual report, *Vital Statistics of the United States*.

**No. 1231. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—SUMMARY FOR PUERTO RICO, VIRGIN ISLANDS, GUAM, AND CANAL ZONE: 1960**

ITEM	Puerto Rico	Virgin Islands	Guam	Canal Zone
Enrollment.....	573,440	6,849	14,641	11,037
Elementary <sup>1</sup> .....	485,711	5,892	12,281	8,948
Secondary <sup>2</sup> .....	87,729	957	2,360	2,089
High-school graduates.....	12,057	115	380	536
Average daily attendance.....	1,000	512	6	13
As percent of enrollment.....	89.3	89.6	87.3	85.4
Average length of term in days.....	182.1	175.9	180.4	181.7
Average number of days attended per enrollee.....	162.6	157.7	157.4	155.2
Instructional staff.....	14,562	242	590	413
Supervisors or consultants.....	415	6	9	5
Principals.....	562	12	34	17
Teachers.....	13,250	226	544	379
Male.....	3,303	57	130	110
Female.....	9,947	163	414	269
Other nonsupervisory instructional personnel.....	335	4	3	12
Salaries: Supervisors, principals, and teachers and other nonsupervisory instructional personnel.....	\$1,000			
Average salary.....	dollars 2,362	824	2,423	2,492
.....		3,407	4,107	6,034
Total expenditures.....	\$1,000			
Current expenditures <sup>3</sup> .....	63,421	2,021	4,075	8,924
.....	54,375	1,662	3,020	3,762
Per pupil <sup>4</sup> .....	dollars 106.21	270.66	236.39	362.91
Capital outlay.....	\$1,000			
.....	4,539	85	1,495	4,961
Per pupil <sup>4</sup> .....	dollars 8.87	13.90	116.98	486.39
Expenditures for adult and summer schools, community services, and community colleges.....	\$1,000			
.....	4,508	274	160	261

<sup>1</sup> Kindergarten to grade 8, inclusive. <sup>2</sup> Ninth grade to post-graduate, inclusive.

<sup>3</sup> Allocable to full-time public elementary and secondary day schools. <sup>4</sup> Annual expenditure per pupil in average daily attendance.

Source: Department of Health, Education, and Welfare, Office of Education; *Statistics of State School Systems, 1959-60*.

**No. 1232. PUERTO RICO—PRINCIPAL CROPS, LAND HARVESTED AND PRODUCTION: 1949 AND 1959**

CROP	LAND HARVESTED		PRODUCTION		
	1949	1959	Unit	Quantity	
				1949	1959
Coffee.....	<i>Cuerdas</i> 176,380	<i>Cuerdas</i> 183,430	Pound.....	25,661,626	29,000,054
Corn.....	39,497	16,138	.....do.....	23,122,102	12,757,130
Cotton.....	2,736	412	.....do.....	1,175,677	204,830
Dry beans.....	19,962	5,925	.....do.....	5,808,972	2,726,811
Pigeon peas.....	20,436	11,555	.....do.....	6,938,152	7,576,954
Rice.....	5,342	581	.....do.....	2,480,080	360,957
Sugarcane.....	344,067	320,940	Ton.....	10,699,147	10,155,136
Sweetpotatoes.....	3,818	8,026	Pound.....	32,485,183	15,906,560
Tobacco.....	26,834	17,328	.....do.....	22,254,260	19,418,717
Taniers ( <i>Yautias</i> ).....	14,693	8,704	.....do.....	24,105,774	18,702,895
Bananas.....	44,241	34,366	Bunch.....	12,032,378	13,807,706
Coconuts.....	<sup>1</sup> 739,958	<sup>1</sup> 612,743	Number.....	25,498,475	23,362,963
Grapefruit.....	<sup>1</sup> 198,710	<sup>1</sup> 143,384	.....do.....	14,140,961	12,506,975
Oranges.....	<sup>1</sup> 1,562,804	<sup>1</sup> 1,234,797	.....do.....	178,934,691	159,444,312
Pineapples.....	3,553	4,027	Ton.....	33,462	42,265
Plantains.....	15,125	15,881	Number.....	100,401,070	<sup>2</sup> 6,782,393

<sup>1</sup> Figures represent trees of all ages.

<sup>2</sup> Figure represents bunches.

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Agriculture: 1959*, Vol. I, part 53, Municipios-Puerto Rico.

# No. 1233. PUERTO RICO—SUGARCANE, SUGAR, AND MOLASSES PRODUCTION: 1940 TO 1961

[About ¼ of the crop is 18 months' growth and ¾ is 12 months' growth; grinding begins in January; beginning 1953, some acreage not harvested to comply with government restrictions]

YEAR	Cane harvested 1,000 acres	Sugarcane produced 1,000 tons	Sugar produced, raw value <sup>1</sup> 1,000 tons	Blackstrap molasses produced 1,000 gal.
1940.....	253	8,796	1,026	44,130
1945.....	289	7,994	971	40,400
1950.....	367	10,615	1,299	40,522
1951.....	366	10,501	1,238	60,390
1952.....	392	12,537	1,372	60,890
1953.....	385	10,171	1,182	50,856
1954.....	367	10,880	1,204	61,600
1955.....	361	9,873	1,165	56,246
1956.....	353	10,306	1,152	56,899
1957.....	361	8,709	990	52,600
1958.....	328	9,067	934	53,800
1959.....	345	10,178	1,087	60,755
1960.....	328	9,997	1,010	68,474
1961 (prel.).....	328	10,754	1,110	63,000

<sup>1</sup> Raw value is the equivalent in terms of 96° sugar, as defined in Sugar Act of 1948.

Source: Department of Agriculture, Statistical Reporting Service; *Agricultural Statistics*.

# No. 1234. MINERAL PRODUCTION FOR OUTLYING AREAS OF THE UNITED STATES: 1955 TO 1960

AREA AND MINERAL	1955		1958		1959		1960	
	Quantity	Value (\$1,000)	Quantity	Value (\$1,000)	Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
Puerto Rico <sup>1</sup>		14,917		17,689		19,700		20,530
Cement.....1,000 (370-lb.) barrels.....	4,117	12,807	4,748	15,175	5,392	16,982	5,441	14,540
Clays.....1,000 short tons.....	137	122	195	83	167	83	160	102
Lime.....do.....	10	254	(2)	(2)	10	321	1	15
Salt (common).....do.....	10	112	1	14	3	38		
Sand and gravel.....do.....	433	679	470	763	530	888	8,906	8,690
Stone.....do.....	1,784	2,516	1,986	2,763	2,063	2,878	4,219	7,661
Undistributed <sup>2</sup> .....do.....				272				
American Samoa		5		59		219		261
Sand and gravel.....1,000 short tons.....	1	1						
Stone.....do.....	9	4	30	59	178	219	523	281
Canal Zone		872		271		201		374
Sand and gravel.....1,000 short tons.....	36	47	41	34	14	21	65	68
Stone (crushed).....do.....	169	240	140	237	223	270	203	306
Canton: Stone (crushed).....do.....	1	2			(4)	1		
Guam		3,352		774		1,129		2,195
Sand and gravel.....1,000 short tons.....			9	23		20	1	1
Stone.....do.....	1,241	3,352	684	761	563	1,109	962	2,194
Johnston		33						9
Sand and gravel.....1,000 short tons.....							1	4
Stone.....do.....	12	33					2	5
Midway: Stone (crushed).....do.....			175	470				
Virgin Islands: Stone (crushed)								
Wake: Stone (crushed).....1,000 short tons.....	1	5	25	81	14	51	15	51
.....do.....	1	3	10	37	32	34	36	49

<sup>1</sup> Adjusted to eliminate duplication in value of stone.

<sup>2</sup> Figure withheld to avoid disclosing individual company data. Value included with "Undistributed."

<sup>3</sup> Includes value of items that cannot be disclosed: Other nonmetals and values indicated by footnote 2.

<sup>4</sup> Less than 1,000 short tons.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.



No. 1235. IMPORTS AND EXPORTS OF PUERTO RICO, AMERICAN SAMOA, GUAM,  
AND VIRGIN ISLANDS: 1941 TO 1961

[In thousands of dollars]

YEARLY AVERAGE OR YEAR	MERCHANDISE IMPORTS			MERCHANDISE EXPORTS		
	Total	From United States	From other countries <sup>1</sup>	Total <sup>2</sup>	To United States	To other countries <sup>3</sup>
<b>PUERTO RICO</b>						
1941-1945.....	130,613	120,136	16,476	119,403	114,302	5,101
1946-1950.....	345,258	320,169	25,089	236,200	196,008	11,288
1951-1955.....	514,589	469,179	45,420	326,020	310,290	15,730
1956-1960.....	789,767	672,725	117,042	509,192	489,204	19,988
1955.....	603,024	549,345	53,678	382,173	369,106	13,067
1956.....	608,823	597,122	71,701	433,281	416,092	17,589
1957.....	734,965	642,208	92,697	458,207	430,489	27,718
1958.....	756,563	632,463	124,105	473,417	452,164	21,253
1959.....	864,688	721,183	143,505	576,775	559,241	17,534
1960.....	923,796	770,593	153,203	604,279	588,433	15,846
1961.....	1,018,360	836,756	181,604	711,150	697,707	13,443
<b>AMERICAN SAMOA</b>						
1941-1945.....	878	642	236	( <sup>3</sup> )	447	( <sup>3</sup> )
1946-1950.....	945	609	336	283	283	-----
1951-1955.....	1,362	892	471	1,064	1,064	-----
1956-1960.....	3,899	3,234	635	6,517	6,517	( <sup>3</sup> )
1955.....	2,009	1,619	391	3,712	3,712	-----
1956.....	2,662	2,283	378	4,440	4,440	-----
1957.....	2,816	2,290	527	5,171	5,171	-----
1958.....	4,048	3,439	609	7,824	7,824	-----
1959.....	4,773	4,050	728	7,573	7,573	-----
1960.....	5,042	4,110	932	7,571	7,571	( <sup>3</sup> )
1961.....	3,871	3,871	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
<b>GUAM</b>						
1941-1945.....	( <sup>3</sup> )	4,484	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
1946-1950.....	( <sup>3</sup> )	8,487	( <sup>3</sup> )	3,237	2,813	423
1951-1955.....	19,800	17,211	2,589	4,443	1,672	2,771
1956-1960.....	24,852	21,169	3,683	6,099	2,726	3,373
1955.....	22,294	18,738	3,556	5,129	1,095	4,034
1956.....	22,627	18,857	3,771	6,546	1,230	5,315
1957.....	23,536	20,971	2,565	3,839	792	3,047
1958.....	23,720	20,100	3,620	4,444	1,089	2,455
1959.....	27,926	23,626	3,999	7,275	4,815	2,760
1960.....	26,453	21,990	4,463	8,388	5,103	3,285
1961.....	17,193	17,193	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
<b>VIRGIN ISLANDS</b>						
1941-1945.....	5,220	4,267	963	3,846	3,648	198
1946-1950.....	9,602	7,787	1,815	2,927	2,238	689
1951-1955.....	14,706	11,634	3,071	3,690	3,000	890
1956-1960.....	27,949	26,542	7,407	5,948	5,249	699
1955.....	16,256	12,372	3,883	4,294	3,872	422
1956.....	18,947	14,280	4,668	5,805	5,210	594
1957.....	21,239	15,674	5,565	5,270	4,755	519
1958.....	23,622	18,054	5,568	3,713	3,107	606
1959.....	33,640	25,212	8,337	6,636	5,729	807
1960.....	42,287	29,393	12,894	8,413	7,445	968
1961.....	60,209	38,726	11,483	9,165	8,317	848

<sup>1</sup> Imports for consumption.

<sup>2</sup> Beginning 1950, excludes certain commodity exports under security regulations.

<sup>3</sup> Not available.

<sup>4</sup> Average for 1941, 1942, and 1945.

<sup>5</sup> 3-year average; no shipments reported for 1942 and 1943.

Source: Department of Commerce, Bureau of the Census; prior to 1947, *Foreign Commerce and Navigation of the United States*; thereafter, *Quarterly Summary of Foreign Commerce of the United States*.

**No. 1236. PUERTO RICO—RECEIPTS AND EXPENDITURES OF THE CENTRAL GOVERNMENT, BY MAJOR ITEM: 1953 TO 1961**

[In thousands of dollars. For years ending June 30]

ITEM	1953	1955	1958	1959	1960	1961
<b>Receipts</b> .....	<b>186,518</b>	<b>217,063</b>	<b>307,377</b>	<b>363,947</b>	<b>420,579</b>	<b>474,266</b>
Taxes.....	106,170	115,046	141,168	157,239	174,068	190,033
Property.....	5,056	8,787	10,263	12,106	13,354	14,138
Income.....	34,731	31,968	51,066	55,097	62,782	68,313
Excise.....	60,060	68,716	72,549	79,582	89,321	95,200
Tobacco products.....	14,482	16,467	18,295	19,865	21,368	24,077
Alcoholic beverages.....	17,412	19,494	23,254	24,791	26,859	28,946
Motor fuels.....	10,562	11,430	13,063	15,043	16,216	14,239
Other.....	18,503	21,326	17,937	19,883	24,878	27,098
Motor vehicle licenses.....	2,698	1,537	3,890	7,374	6,126	8,042
Other taxes.....	2,734	4,037	3,400	3,080	3,385	4,280
Federal grants and revenues.....	33,799	37,276	45,880	48,962	57,854	61,717
All grants.....	15,476	16,521	21,827	21,247	27,477	26,058
United States Internal Revenue.....	15,568	17,425	18,528	21,015	22,552	26,134
United States customs, not elsewhere classified.....	2,755	3,330	5,475	6,700	7,825	9,525
Other revenues and receipts.....	46,540	64,741	120,379	157,746	187,757	222,516
Service charges.....	8,820	10,078	10,765	11,109	11,101	11,399
Contributions from other Government funds.....	17,049	18,803	22,184	31,830	30,080	47,891
Borrowing.....	8,466	18,546	49,082	64,555	76,121	92,281
Repayment of loans.....	6,693	5,855	31,984	41,876	52,604	60,711
Other revenues and receipts.....	5,512	11,398	6,364	8,367	8,851	10,234
<b>Expenditures</b> .....	<b>191,424</b>	<b>217,452</b>	<b>322,849</b>	<b>368,825</b>	<b>417,514</b>	<b>457,664</b>
Personal services.....	76,110	87,798	118,589	130,564	139,933	160,444
Services other than personal.....	10,778	12,725	16,818	18,138	20,204	22,597
Materials, supplies, and parts.....	16,124	16,105	19,240	18,993	19,365	21,449
Equipment purchased.....	3,501	3,949	5,267	4,458	4,781	5,667
Grants, subsidies, awards, and taxes.....	34,269	38,031	52,359	51,874	59,180	61,435
Acquisition of land and improvements.....	17,482	17,302	18,798	22,449	22,553	21,806
Debt retirement, interest, and dividends.....	2,131	3,439	4,754	7,736	12,364	13,130
Refunds and nonexpense items.....	17,619	23,286	70,855	89,738	106,586	110,812
Transfer to other Government funds.....	13,411	14,817	16,169	24,975	32,468	40,824

Source: Puerto Rico Planning Board, Department of the Treasury, Accounting Service.

**No. 1237. PUERTO RICO—EMPLOYMENT STATUS OF THE CIVILIAN NONINSTITUTIONAL POPULATION, BY SEX: 1950 TO 1961**

[In thousands of persons 14 years old and over. Annual averages derived from quarterly data collected for the week including the 8th of each month]

EMPLOYMENT STATUS	1950			1955			1960			1961		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Total</b> .....	<b>1,287</b>	<b>638</b>	<b>649</b>	<b>1,300</b>	<b>624</b>	<b>676</b>	<b>1,383</b>	<b>628</b>	<b>755</b>	<b>1,418</b>	<b>635</b>	<b>783</b>
In the labor force.....	686	507	179	637	468	169	625	455	170	636	458	178
Employed.....	596	434	162	539	395	144	543	392	151	566	403	163
Working.....	(1)	(1)	(1)	508	373	134	510	375	137	539	388	151
35 hours or more.....	(1)	(1)	(1)	306	235	71	342	258	84	380	284	96
Less than 35 hours.....	(1)	(1)	(1)	202	138	64	168	115	53	159	104	55
Not working.....	(1)	(1)	(1)	30	20	11	33	19	14	27	15	12
Unemployed.....	88	71	17	97	78	25	82	63	19	71	54	17
Not in the labor force.....	601	131	470	663	156	507	758	173	585	782	177	605
Engaged in housework at home.....	(1)	(1)	(1)	439	3	436	510	2	508	526	1	525
In school.....	(1)	(1)	(1)	118	65	53	121	61	60	123	61	62
Disabled.....	(1)	(1)	(1)	41	29	13	32	22	10	33	23	10
Other.....	(1)	(1)	(1)	65	60	5	95	88	7	99	93	6

<sup>1</sup> Not available.

Source: Puerto Rico Department of Labor, Bureau of Labor Statistics.

No. 1238. PUERTO RICO—MANUFACTURES, BY INDUSTRY GROUPS AND INDUSTRIES:  
1954 AND 1958

[Totals include data for industries not shown separately]

INDUSTRY GROUP AND INDUSTRY	1954				1958					
	Number of es- tab- lish- ments	All employees		Value added by manu- fac- ture, ad- justed <sup>1</sup> (\$1,000)	Number of es- tab- lish- ments	All employees		Production workers		Value added by manu- fac- ture, ad- justed <sup>1</sup> (\$1,000)
		Number (aver- age for year)	Salaries and wages, total (\$1,000)			Number (aver- age for year)	Salaries and wages, total (\$1,000)	Number (aver- age for year)	Wages, total (\$1,000)	
All industries, total.....	1,938	69,022	\$3,263	199,706	2,042	71,188	132,169	60,047	93,320	292,142
Food and kindred products..	497	18,864	30,185	81,161	510	17,082	36,622	12,321	21,390	95,617
Dairy products.....	23	928	1,617	5,616	30	1,357	3,057	447	319	6,075
Pasteurizing and bottling of fluid milk.....	12	745	1,319	4,937	13	1,102	2,507	281	647	5,554
Canning, preserving, and freez- ing.....	41	1,412	1,026	2,990	33	1,289	1,796	1,156	1,327	5,692
Canning and preserving, ex- cept fish.....	33	1,158	783	1,480	24	910	1,113	807	804	3,060
Bakery products.....	258	2,486	2,603	4,973	268	2,475	3,773	2,085	2,943	7,234
Bread and other bakery prod- ucts.....	249	2,067	2,162	3,824	263	2,157	3,000	1,842	2,808	5,251
Sugar.....	37	9,720	17,920	43,208	35	7,568	17,773	6,136	11,833	37,430
Raw cane sugar.....	33	9,165	10,966	38,987	31	7,108	16,080	5,250	11,066	33,604
Cane-sugar refining.....	4	555	954	4,241	4	460	1,693	386	707	3,835
Confectionery and related prod- ucts.....	12	270	313	799	16	326	477	277	314	1,144
Beverages.....	51	3,101	5,774	21,285	45	3,262	8,558	1,654	3,343	33,020
Bottled soft drinks.....	26	861	1,410	3,213	23	947	1,993	411	657	5,760
Wines and brandy.....	2	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	4	107	284	63	87	295
Distilled liquors (except brandy).....	19	1,137	1,706	5,597	14	1,089	2,416	799	1,341	9,271
Misc. food preparations.....	71	906	877	2,262	76	696	988	486	671	3,506
Tobacco manufactures <sup>3</sup> .....	259	9,768	6,718	10,224	142	4,509	5,096	4,283	4,443	10,119
Cigars.....	204	1,230	1,044	2,368	98	1,582	2,326	1,630	2,161	5,707
Tobacco stemming and redrying.	40	8,480	5,655	7,810	37	2,883	2,764	2,712	2,326	4,382
Textile mill products.....	36	2,774	3,330	8,617	53	4,592	8,328	4,217	6,808	15,473
Knitting mills.....	17	1,094	1,226	2,769	28	2,907	5,643	2,676	4,601	10,323
Carpets and rugs.....	7	855	767	2,200	7	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Apparel and related prod- ucts.....	341	17,645	14,093	31,749	353	17,901	24,518	16,676	21,200	44,005
Men's and boys' suits and coats..	5	310	344	515	4	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Men's and boys' furnishings.....	70	4,169	3,654	6,816	60	3,220	4,426	2,974	3,574	7,178
Men's dress shirts and night- wear.....	29	1,628	1,394	2,455	21	1,324	1,832	1,224	1,423	2,593
Separate trousers.....	26	1,219	1,017	1,850	19	797	1,077	715	864	1,637
Women's and misses' outerwear.	53	2,210	1,827	3,982	61	2,416	3,379	2,222	2,800	5,698
Blouses and waists.....	26	1,074	837	1,586	26	1,111	1,475	1,027	1,258	2,346
Women's and children's under- garments.....	51	4,116	3,476	7,042	66	6,384	10,634	5,974	9,457	19,513
Underwear.....	27	1,163	802	1,513	27	1,471	1,958	1,392	1,716	4,056
Corsets and allied garments.....	24	2,953	2,674	6,429	39	4,913	8,670	4,582	7,741	15,457
Children's outerwear.....	30	1,467	1,139	2,058	40	1,656	2,117	1,648	1,879	3,682
Miscellaneous apparel and acces- sories.....	79	4,241	2,802	7,467	71	2,688	2,011	2,518	1,733	4,117
Handkerchiefs.....	50	3,009	1,766	3,272	46	1,857	927	1,760	820	1,567
Misc. fabricated textiles.....	44	1,142	851	2,070	41	1,160	1,400	1,089	1,230	2,971
Lumber and wood products (except furniture).....	38	307	435	1,511	47	456	754	378	547	1,213
Millwork plants.....	32	252	360	773	37	397	930	829	476	960
Furniture and fixtures.....	202	2,812	3,022	5,954	206	2,900	4,379	2,575	3,356	8,876
Household furniture.....	196	2,782	2,994	5,803	199	2,836	4,287	2,516	3,278	8,601
Wood house furniture (except upholstered).....	163	2,066	2,030	3,893	156	1,849	2,532	1,701	2,110	5,155
Mattresses and bedsprings.....	19	478	667	1,306	19	548	1,084	446	690	2,283
Paper and allied products.....	9	463	906	3,098	10	631	1,875	514	1,194	3,902
Paperboard boxes.....	5	281	593	798	5	332	1,021	272	607	1,698
Printing and publishing industries.....	93	1,311	2,210	4,461	109	1,484	3,572	926	2,023	6,145
Newspapers.....	3	541	1,172	2,700	3	651	( <sup>2</sup> )	226	( <sup>2</sup> )	( <sup>2</sup> )
Commercial printing.....	80	704	920	1,553	90	633	1,153	531	941	1,843

See footnotes at end of table.

No. 1238. PUERTO RICO—MANUFACTURES, BY INDUSTRY GROUPS AND INDUSTRIES:  
1954 AND 1958—Continued

INDUSTRY GROUP AND INDUSTRY	1954				1958					
	Number of es- tab- lish- ments	All employees		Value added by manu- facture, ad- justed <sup>1</sup> (\$1,000)	Number of es- tab- lish- ments	All employees		Production workers		Value added by manu- facture, ad- justed <sup>1</sup> (\$1,000)
		Num- ber (aver- age for year)	Sal- aries and wages, total (\$1,000)			Num- ber (aver- age for year)	Sal- aries and wages, total (\$1,000)	Num- ber (aver- age for year)	Wages, total (\$1,000)	
<b>Chemicals and allied prod- ucts.....</b>	71	1,449	2,677	8,462	68	1,513	4,179	1,023	1,991	9,330
Drugs and medicines.....	33	437	933	3,164	26	414	1,114	223	388	2,958
Fertilizers (mixing only).....	7	556	1,137	4,170	7	(2)	(2)	(2)	(2)	(2)
Misc. chemical products.....	22	248	252	606	25	248	459	180	235	1,008
Compressed and liquefied gases.....	3	61	141	363	5	(2)	(2)	(2)	(2)	(2)
Salt.....	10	142	71	123	5	66	45	59	34	78
<b>Products of petroleum and coal.....</b>	3	(2)	(2)	(2)	8	(2)	(2)	(2)	(2)	(2)
Rubber products.....	6	(2)	(2)	(2)	5	164	467	142	327	1,346
<b>Leather and leather prod- ucts.....</b>	28	1,675	1,923	3,315	32	2,837	3,984	2,532	2,994	7,544
Footwear (except rubber).....	12	1,017	1,328	2,298	14	1,828	2,580	1,641	1,935	5,280
Footwear (except house slip- pers).....	5	732	923	1,423	9	1,549	2,050	1,390	1,540	4,119
House slippers.....	7	235	405	875	5	279	530	251	395	1,151
Handbags and small leather goods.....	7	420	347	563	8	624	764	554	603	1,167
<b>Stone, clay, and glass prod- ucts.....</b>	132	3,127	4,975	9,245	171	4,123	9,003	3,351	6,240	19,256
Concrete and plaster products.....	118	1,265	1,297	2,172	148	1,993	3,436	1,602	2,334	7,057
<b>Primary metal industries.....</b>	10	81	77	422	14	416	1,157	327	741	1,760
<b>Fabricated metal products.....</b>	60	1,155	2,198	6,886	116	1,531	3,742	1,282	2,525	8,493
Structural metal products.....	45	763	1,402	3,354	77	728	1,615	610	1,136	3,909
Structural and ornamental products.....	26	367	759	1,618	37	200	309	183	280	569
Metal doors, sash, and trim.....	12	343	579	1,613	28	464	1,189	373	762	3,089
Sheet-metal work.....	7	53	64	123	12	64	117	54	94	251
Miscellaneous fabricated metal products.....	6	204	392	1,510	11	171	441	143	302	639
<b>Machinery (exc. electrical).....</b>	19	702	1,520	2,710	26	1,180	3,365	866	2,090	6,439
Misc. machinery parts.....	11	549	1,265	2,284	15	957	2,780	675	1,670	4,947
<b>Electrical machinery.....</b>	31	1,454	2,198	4,744	48	3,006	6,766	2,679	5,194	21,321
Electrical industrial apparatus.....	6	247	327	1,151	13	889	1,953	794	1,436	5,547
Electrical appliances.....	4	101	170	678	7	984	2,458	904	2,011	10,536
Communication equipment.....	16	1,035	1,585	2,617	20	929	1,881	862	1,396	4,029
Radios and related products.....	11	454	736	1,774	16	799	1,588	691	1,192	3,373
<b>Transportation equipment.....</b>	5	101	139	463	4	(2)	(2)	(2)	(2)	(2)
<b>Instruments and related products.....</b>	12	1,055	1,535	2,390	15	1,148	2,342	1,013	1,775	3,932
Ophthalmic goods.....	5	716	1,193	1,782	3	734	(2)	662	(2)	(2)
<b>Miscellaneous manufac- tures.....</b>	86	4,143	4,816	13,606	105	4,587	7,256	4,134	5,953	14,028
Jewelry and silverware.....	7	304	454	1,248	11	352	(2)	297	(2)	(2)
Toys and sporting goods.....	12	596	538	1,116	17	1,415	1,864	1,343	1,644	3,789
Sporting and athletic goods.....	8	404	396	719	10	949	1,217	907	1,094	2,624
Costume jewelry and notions.....	24	1,771	1,664	2,835	27	941	1,217	884	979	2,331
Costume jewelry.....	8	685	556	1,080	12	448	563	419	417	850
Artificial flowers.....	6	426	291	431	6	200	273	193	238	774
Buttons.....	5	546	681	995	3	148	169	138	153	255
Needles, pins, and fasteners.....	5	114	136	329	6	145	212	134	171	452
Plastic products, n.e.c. <sup>4</sup> .....	9	611	841	2,579	11	876	1,676	792	1,346	2,983
Brooms and brushes.....	4	216	221	306	7	83	129	72	86	193
Signs and advertising displays.....	8	47	53	103	10	36	88	31	71	201

<sup>1</sup> Value of shipments less cost of materials, supplies, fuels, electric energy, and contract work plus net change in finished goods and work-in-process inventory and value added in merchandising activities of manufacturing establishments.

<sup>2</sup> Withheld to avoid disclosing operations of individual companies.

<sup>3</sup> Data for 1954 exclude 252 small cigar manufacturing establishments with no paid employees and value added by manufacture of \$192,000. <sup>4</sup> "N.e.c." means not elsewhere classified.

Source: Department of Commerce, Bureau of the Census; *Puerto Rico Census of Manufactures: 1954 and 1958* (in cooperation with the Puerto Rico Planning Board).

## No. 1239. PUERTO RICO—DISTRIBUTION OF GROSS PRODUCT AND IMPORTS: 1955 TO 1961

(In millions of dollars. For years ending June 30)

ITEM	1955	1957	1958	1959	1960	1961
<b>Gross commonwealth product</b> .....	<b>1,147</b>	<b>1,270</b>	<b>1,384</b>	<b>1,482</b>	<b>1,645</b>	<b>1,789</b>
Sales of domestic production and imports.....	1,905	2,213	2,350	2,559	2,894	3,041
Sales of goods and services to Puerto Rican users.....	1,321	1,522	1,647	1,777	1,963	2,066
Consumers.....	904	1,006	1,154	1,239	1,353	1,442
Commonwealth and municipal governments <sup>1</sup> .....	140	181	190	207	218	233
Construction.....	130	168	180	193	227	254
Producers durable equipment.....	73	92	91	101	121	112
Change in inventories.....	14	15	23	37	44	25
Sales of goods and services to the rest of the world.....	584	691	712	782	901	973
Federal Government.....	131	111	113	119	112	112
Other nonresidents.....	453	580	599	662	788	863
Less: Imports of goods and services.....	-764	-943	-975	-1,077	-1,219	-1,252
Federal Government.....	-26	-20	-22	-22	-23	-22
Other nonresidents.....	-738	-923	-953	-1,055	-1,197	-1,230

<sup>1</sup> Includes consumption expenditures and fixed domestic investment.

## No. 1240. PUERTO RICO—PERSONAL INCOME: 1955 TO 1961

(In millions of dollars. For years ending June 30)

ITEM	1955	1957	1958	1959	1960	1961
<b>Personal income</b> .....	<b>996</b>	<b>1,108</b>	<b>1,182</b>	<b>1,278</b>	<b>1,383</b>	<b>1,485</b>
Compensation of employees.....	634	720	781	843	922	989
Business.....	389	475	520	563	631	678
Government <sup>1</sup> .....	108	132	146	162	175	192
Household and nonprofit institutions.....	20	21	23	27	28	30
Rest of the world.....	117	92	93	91	88	89
Less: Contributions to social insurance.....	-38	-55	-66	-72	-83	-96
Employees.....	-16	-23	-25	-28	-32	-37
Employers.....	-22	-31	-41	-44	-51	-58
Income from property.....	274	282	303	330	360	384
Transfer payments.....	126	161	164	177	184	208
Commonwealth Government.....	26	32	34	40	42	45
Federal Government.....	60	80	85	87	81	92
Business.....	9	11	10	10	11	11
Other nonresidents.....	31	38	35	40	51	50

<sup>1</sup> Includes regular agencies and municipalities only.

## No. 1241. PUERTO RICO—NET INCOME BY INDUSTRIAL ORIGIN: 1955 TO 1961

(In millions of dollars. For years ending June 30)

INDUSTRY	1955	1957	1958	1959	1960	1961
<b>All industries</b> .....	<b>960</b>	<b>1,053</b>	<b>1,135</b>	<b>1,241</b>	<b>1,362</b>	<b>1,465</b>
Agriculture.....	168	160	161	175	188	200
Sugarcane.....	76	65	61	69	65	71
Other.....	93	95	101	106	122	128
Manufacturing.....	169	214	223	248	291	320
Food and related products.....	50	54	57	62	69	73
Tobacco products.....	11	11	9	10	11	13
Textile mill products.....	7	11	12	13	14	13
Apparel and related products.....	32	40	37	41	47	50
Wood products and furniture.....	8	8	9	9	7	8
Printing and publishing.....	5	5	6	7	7	8
Chemicals and allied products.....	8	9	9	7	11	13
Stone, clay, and glass products.....	11	16	15	16	21	23
Metal products and machinery.....	20	34	38	42	53	55
Paper products.....	4	5	5	6	8	9
Leather products.....	3	4	4	7	7	8
Other manufacturing.....	12	17	21	28	31	41
Mining.....	2	2	2	2	2	3
Contract construction.....	44	52	59	75	84	90
Transportation and other public utilities <sup>1</sup> .....	75	93	101	108	123	134
Trade.....	161	185	199	216	237	248
Finance, insurance, and real estate.....	85	102	111	121	130	132
Services.....	67	82	100	116	132	148
Commonwealth Government <sup>2</sup> .....	108	133	147	162	175	192
Rest of the world.....	80	80	33	19	-5	-21

<sup>1</sup> Includes air transportation.<sup>2</sup> Includes public enterprises, not elsewhere classified.

Source of tables 1239-1241: Puerto Rico Planning Board, Bureau of Economic and Social Planning.

**No. 1242. PUERTO RICO—WHOLESALE AND RETAIL TRADE AND SELECTED SERVICES—ESTABLISHMENTS AND GROSS RECEIPTS, 1954 AND 1958, AND EMPLOYMENT AND PAYROLL, 1958, BY KIND OF BUSINESS**

[For discussion of coverage, see text, p. 822. "N.e.c." means not elsewhere classified]

SELECTED KINDS OF BUSINESS	1954		1958		Workweek ended nearest Nov. 15	
	Estab-lish-ments	Gross receipts (\$1,000)	Estab-lish-ments	Gross receipts (\$1,000)	Paid em-loyees	Pay-roll
<b>Wholesale trade.....</b>	<b>1,051</b>	<b>555,317</b>	<b>1,246</b>	<b>683,464</b>	<b>9,564</b>	<b>\$535,048</b>
Merchant wholesalers and manufacturers' sales branches.....	870	466,420	1,034	615,419	9,043	505,651
Motor vehicle and automotive equipment.....	22	12,083	37	18,799	450	27,995
Drugs, chemicals, and allied products.....	53	26,089	63	41,807	1,074	66,414
Dry goods and apparel.....	96	16,108	86	18,439	370	22,318
Groceries and related products.....	454	267,831	527	311,614	3,089	151,842
Farm products—raw materials.....	44	4,272	5	3,599	69	2,844
Electrical goods.....	15	8,531	25	24,446	468	20,475
Hardware and plumbing and heating equipment.....	20	9,017	39	25,660	495	25,006
Machinery, equipment, and supplies.....	44	25,416	63	33,480	1,118	69,006
Merchant wholesalers and manufacturers' sales branches, n.e.c.....	116	57,442	178	79,987	1,204	68,033
Petroleum bulk stations.....	6	39,632	11	57,589	700	41,818
Merchandise agents and brokers.....	181	88,897	212	68,045	521	29,397
<b>Retail trade.....</b>	<b>26,639</b>	<b>572,025</b>	<b>28,463</b>	<b>745,220</b>	<b>28,312</b>	<b>938,656</b>
Building materials and farm equipment.....	531	57,343	546	66,823	2,893	99,471
Lumber and building material dealers.....	145	21,089	173	27,960	925	30,277
Hardware, paint, glass, wallpaper, and heating and plumbing equipment dealers and stores.....	309	24,548	342	19,452	901	28,490
Electrical supply stores.....	62	6,700	20	9,090	745	21,183
Farm equipment dealers.....	15	5,006	11	10,322	322	19,521
Food and eating and drinking places <sup>1</sup> .....	20,324	220,429	21,527	290,026	8,886	225,406
Grocery stores, eating and drinking places.....	17,558	201,687	18,758	268,712	8,394	212,122
Meat and fish (sea food) markets.....	411	6,543	504	9,079	201	5,620
Fruit stores and vegetable markets.....	1,799	5,403	1,668	6,301	46	935
Candy, nut, and confectionery stores.....	237	671	300	526	13	412
Dairy product stores.....	113	1,275	56	1,631	70	2,620
Retail bakeries.....	33	257	16	243	11	221
Miscellaneous food stores.....	173	4,592	225	3,537	142	3,576
Automobile dealers and gasoline service stations.....	681	102,152	813	125,983	3,447	131,228
Motor vehicle dealers.....	84	71,327	87	79,503	1,352	72,953
Tire, battery, and accessory dealers.....	92	5,603	124	8,640	408	16,298
Gasoline service stations.....	502	25,061	598	37,548	1,678	41,712
Misc. aircraft, marine, and automotive dealers.....	3	160	4	202	9	295
General merchandise, apparel and accessories.....	1,596	49,872	926	47,810	2,683	88,418
Department stores.....	12	10,409	19	20,609	1,207	44,229
Miscellaneous general merchandise.....	1,584	39,463	907	27,201	1,476	44,189
Apparel and accessories.....	1,422	46,465	2,159	76,307	3,951	120,430
Men's and boys' clothing and furnishing stores.....	202	10,880	425	18,204	938	30,060
Women's ready-to-wear, accessory, and specialty stores.....	436	9,924	768	19,489	987	29,470
Children's and infants' wear stores.....	61	440	109	732	32	761
Family clothing stores.....	350	10,368	533	15,721	798	21,090
Shoe stores.....	200	14,309	304	21,038	1,168	38,428
Custom tailors.....	170	430	20	132	28	631
Apparel and accessory stores, n.e.c.....	3	53				
Furniture, home furnishings and equipment.....	681	54,679	891	80,169	3,266	150,180
Miscellaneous retail stores.....	1,404	41,148	1,601	58,035	3,186	123,514
Drug stores and proprietary stores.....	541	18,536	693	24,924	1,464	49,380
Sporting goods stores and bicycle shops.....	30	1,142	46	1,518	68	3,672
Farm and garden supply stores.....	24	1,811	49	3,914	122	4,815
Jewelry stores.....	172	3,485	204	4,967	344	12,022
<b>Selected services.....</b>	<b>3,688</b>	<b>29,444</b>	<b>6,810</b>	<b>139,826</b>	<b>8,471</b>	<b>315,458</b>
Hotels, tourist courts, and motels.....	126	7,672	118	15,310	2,222	98,327
Personal services.....	2,277	7,359	2,966	12,425	2,245	60,228
Laundries and dry cleaning.....	257	2,642	277	4,375	1,361	36,016
Photographic studios.....	118	365	138	609	54	1,832
Barber shops.....	1,009	1,591	1,258	2,366	303	7,036
Beauty shops.....	350	896	570	1,717	223	5,364
Miscellaneous business services.....	42	2,973	55	8,958	452	30,553
Automobile repair services and garages.....	409	3,018	592	7,607	901	30,546
Miscellaneous repair services.....	520	2,211	712	4,362	511	19,542
Motion pictures.....	183	6,034	169	6,834	855	22,545
Amusement and recreation services, except motion pictures.....	2131	2177	2198	84,261	1,285	53,716

<sup>1</sup> Includes grocery stores with and without fresh meats, eating and drinking places, and stores selling drinks, meals, and food.

<sup>2</sup> Billiard parlors only.

<sup>3</sup> Includes receipts from horse race betting agencies.

Source: Department of Commerce, Bureau of the Census; *Puerto Rico Census of Business: 1958*, Bulletin RC-PR (in cooperation with Puerto Rico Planning Board).

## Section 33

### Comparative International Statistics

This section presents summary statistics on the industrial, social, and agricultural organization of the various individual nations and on finances of international agencies.

The principal source for the data presented in this section is the United Nations *Statistical Yearbook*. Statistics of the individual nations may be found primarily in official publications or compendia, 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 and issues a number of international summary publications, generally in English and French. Among these are the *Statistical Yearbook*, the *Demographic Yearbook*, *Population and Vital Statistics Reports* (quarterly), the *Monthly Bulletin of Statistics*, and, in 1960, *Patterns of Industrial Growth, 1938-1958*. The Statistical Office of the United Nations also publishes a *Yearbook of International Trade Statistics*, and the *Yearbook of National Accounts Statistics*. For foreign agricultural and labor statistics, the outstanding sources are the *Yearbook of Food and Agricultural Statistics* issued by the Food and Agriculture Organization, and the *Yearbook of Labour Statistics*, issued by the International Labour Office; both are specialized agencies of the United Nations. These publications usually present data covering an extensive period of time, frequently up to 20 years. 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.

**Statistical coverage.**—Problems of space and availability of data limit the number of countries and the extent of statistical coverage shown here. The list of countries included is based on the membership rosters of the United Nations and of the larger specialized agencies of the United Nations (see table 1259). In a few instances, such member countries were omitted because of an almost complete lack of data.

Statistics are shown for a standardized list of countries. No attempt was made to alter the list according to the relative standing or significance of each country with respect to each specific subject item shown. In consequence, there may be instances, with respect to certain items shown, in which one or more of the countries omitted from the list are more important, statistically, than some of the countries included. Cases of this kind are believed to be infrequent.

The items selected for presentation here are believed to be among those most significant. However, certain important items, such as those on national income, are omitted because of the inability to convert the available statistics, stated in terms of the national currencies, to meaningful consistency in United States measures. Finally, items for which figures are available for a large number of countries were favored over items for which information is scanty, in order to broaden the scope of comparison as much as possible.

**OEEC and EEC.**—The Organisation for European Economic Cooperation (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 Cooperation and Development (OECD).

The OECD consists of the member nations of the former OEEC—Austria, Belgium, Denmark, France, Germany (Federal Republic), Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, Turkey, and the United Kingdom—and also Canada and the United States.

The European Economic Community (EEC), or "Common Market," consisting of Belgium, France, Germany (Federal Republic), Italy, Luxembourg, and the Netherlands, was formed in 1958 for the purpose of promoting European economic integration. It is based on agreement among the member nations to stimulate their economic growth, primarily through the gradual elimination of trade barriers among themselves, the establishment of a common external tariff, the coordination of monetary, fiscal, and agricultural policies, and the removal of restrictions on movement of services, labor, capital and business enterprises within the community.

**Quality and comparability of the data.**—The quality and the 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 various 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 (see table headnotes). In most instances, the data shown are for calendar years. In a number of cases, however, the 12-month totals shown do not correspond with the calendar year. Space limitations made it impracticable to present the data for a series of years except for the figures on population, agriculture, and gold and foreign exchange holdings.

(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 some of the qualifications attached to the figures. Limits of space made necessary some condensation and editing of the more detailed notes appearing in the source. Careful analysis is required, therefore, since many of the measures shown are, at best, merely rough indicators of magnitude.

(3) Figures shown in this section for the United States may not always agree with figures shown in the preceding sections. Such differences may be attributable to the use of differing original sources, a difference in the definition of geographic limits (conterminous United States only, or including Alaska and Hawaii or certain outlying areas and possessions), or to possible adjustments made in the United States figures by the United Nations in order to improve their comparability with figures from other countries.

**Conversion factors.**—To facilitate comparison in terms of familiar units, items shown in metric units in the source have been converted to U. S. equivalents by means of the conversion factors given in the *Statistical Yearbook* and shown below. Further conversion factors are presented in Appendix II, Weights and Measures, p. 946.

#### CONVERSION FACTORS

<i>Metric units</i>	<i>U. S. equivalents</i>
1 km.....	0.621370 mile
1 sq. km.....	0.386101 sq. mile
1 kg.....	2.204622 pounds
1 metric ton (1,000 kg.).....	1.102311 short tons
1 metric ton-km.....	0.684943 short ton-mile
1 hectolitre.....	26.4178 U. S. gallons



## No. 1243. AREA AND POPULATION

[For many countries, figures are provisional. Basis and level of reliability of population estimates range from use of a continuous population register (Scandinavian countries) and census enumerations for a recent date (most countries) to noncensus counts or partial censuses (Indonesia, Lebanon, Syria, Viet-Nam), and conjectural estimates derived by other means than counting (Ethiopia, Liberia, and Saudi Arabia). Data, in general, refer to present-in-area population of the present territory. Area generally includes inland waters. See text, p. 910, for general comments concerning quality of the data.]

COUNTRY	Area	LATEST POPULATION CENSUS			MIDYEAR POPULATION ESTIMATES			Population per square mile <sup>2</sup>
		Year	Total	Male	1953 <sup>1</sup>	1960 <sup>1</sup>	Annual rate of increase, 1953-60	
	Sq. miles		1,000	1,000	1,000	1,000	Percent	
United States <sup>3</sup> .....	3,615,211	1960	<sup>4</sup> 179,323	<sup>4</sup> 88,331	<sup>5</sup> 160,261	<sup>5</sup> 180,670	1.7	50
Afghanistan.....	<sup>6</sup> 250,966					13,800		<sup>6</sup> 55
Albania.....	11,100	1960	1,625		1,302	1,607	3.1	145
Argentina.....	1,072,070	1960	20,009	10,035	18,400	20,006	1.2	19
Australia <sup>7</sup> .....	2,974,583	1961	10,508	5,312	8,815	10,275	2.2	3
Austria.....	32,374	1961	7,067	3,311	6,960	7,081	0.2	219
Belgium.....	11,770	1947	8,512	4,200	8,778	9,153	0.6	777
Bolivia.....	424,163	1950	<sup>8</sup> 2,704	<sup>8</sup> 1,326	3,147	3,462	1.4	8
Brazil <sup>9</sup> .....	3,287,204	1960	70,790		55,772	70,799	3.4	20
Bulgaria.....	42,720	1956	7,614	3,790	7,346	7,867	1.0	184
Burma.....	261,789	1953	<sup>10</sup> 2,941	<sup>10</sup> 1,499	19,272	20,662	1.0	79
Cambodia.....	66,607	1959	<sup>11</sup> 4,845	<sup>11</sup> 2,420		4,952		74
Canada.....	3,851,812	1961	18,238		14,845	17,814	2.6	5
Ceylon <sup>12</sup> .....	25,332	1953	<sup>8</sup> 8,098	<sup>8</sup> 4,269	8,290	9,896	2.7	391
Chile.....	286,397	1960	7,340	3,599	6,437	7,340	1.8	28
China <sup>13</sup> .....	3,691,512	1953	<sup>14</sup> 582,603	<sup>14</sup> 297,554	<sup>14</sup> 582,603	<sup>15</sup> 646,530	<sup>16</sup> 2.3	175
China (Taiwan).....	13,885	1956	9,368	4,772	8,261	10,612	3.6	764
Colombia.....	439,513	1951	<sup>17</sup> 11,548	<sup>17</sup> 5,742	12,111	14,132	2.2	32
Costa Rica.....	19,675	1950	801	400	884	1,171	4.1	60
Cuba.....	44,218	1953	5,829	2,985	5,876	6,797	2.1	154
Czechoslovakia.....	49,367	1961	13,742		12,820	13,654	0.9	277
Denmark <sup>18</sup> .....	16,619	1955	4,448		<sup>19</sup> 2,202	4,369	0.7	276
Dominican Republic.....	18,816	1960	3,014	1,522	2,360	2,994	3.5	159
Ecuador <sup>9</sup> .....	104,606	1960	3,203	1,595	3,464	4,317	3.2	41
Egypt (U.A.R.).....	386,101	1960	26,059		22,003	25,929	2.4	67
El Salvador.....	8,260	1961	2,501		2,064	<sup>20</sup> 2,501	2.5	303
Ethiopia.....	457,267					20,000		44
Finland.....	130,120	1960	4,449		<sup>21</sup> 4,141	<sup>22</sup> 4,449	1.0	34
France <sup>22</sup> .....	212,822	1954	42,844	20,551	<sup>23</sup> 42,652	<sup>23</sup> 45,542	0.9	214
Germany, Fed. Rep. of.....	95,735	1956	<sup>24</sup> 50,964	<sup>24</sup> 23,899	49,153	53,373	1.2	558
Greece.....	50,548	1961	8,387		<sup>25</sup> 7,817	<sup>26</sup> 8,327	0.9	165
Guatemala.....	42,042	1950	2,791	1,411	3,058	3,765	3.0	90
Haiti.....	10,714	1950	3,097	1,505	3,227	3,505	1.2	327
Honduras.....	43,277	1961	1,883	938	1,550	<sup>28</sup> 1,883	<sup>28</sup> 2.5	44
Hungary.....	35,919	1960	9,977	4,816	9,604	9,999	0.6	278
Iceland.....	39,768	1950	144	72	151	176	2.2	4
India <sup>27</sup> .....	1,173,832	1961	<sup>28</sup> 434,807	<sup>28</sup> 223,441	<sup>29</sup> 378,329	<sup>29</sup> 432,507	<sup>29</sup> 1.9	<sup>30</sup> 369
Indonesia.....	575,894	1961	<sup>30</sup> 95,189		79,500	92,600	2.2	161
Iran.....	636,294	1956	18,955	9,645	17,476	20,182	2.1	32
Iraq.....	171,600	1957	<sup>31</sup> 6,317	<sup>31</sup> 3,169	5,786	7,085	2.0	41
Ireland.....	27,136	1961	2,815	1,415	2,949	2,834	—0.6	104
Israel.....	7,992	1961	2,170		1,651	2,114	3.6	265
Italy.....	116,304	1961	50,464	24,726	47,533	49,361	0.5	424
Japan <sup>32</sup> .....	142,726	1960	93,419	45,871	86,700	93,206	1.0	653
Jordan.....	37,301	1961	1,600		<sup>33</sup> 1,860	<sup>33</sup> 1,690	2.6	45
Korea, Republic of <sup>34</sup> .....	38,031	1960	24,994	12,541	21,440	24,605	2.0	649
Lebanon <sup>35</sup> .....	4,015				1,353	1,646	2.8	410
Liberia.....	43,000					1,290		30
Libya.....	679,360	1954	<sup>36</sup> 1,089	<sup>36</sup> 504		<sup>36</sup> 1,195	<sup>36</sup> 37 1.6	2
Luxembourg.....	998	1960	315		300	314	0.7	315
Mexico.....	760,375	1960	34,923	17,416	28,253	34,988	3.1	46
Nepal.....	54,362	1961	9,407	4,639	8,257	<sup>39</sup> 9,407	1.6	173
Netherlands.....	12,078	1947	9,625	4,791	10,493	11,480	1.3	885
New Zealand <sup>38</sup> .....	103,736	1961	2,415	1,213	2,047	2,372	2.1	23
Nicaragua.....	57,143	1950	1,057	520	1,165	1,477	3.4	26
Norway.....	125,065	1950	3,279	1,625	3,362	3,586	0.9	29
Pakistan <sup>39</sup> .....	365,529	1961	<sup>40</sup> 93,832	<sup>41</sup> 49,309	81,159	92,727	1.0	254

See footnotes at end of table.

## No. 1243. AREA AND POPULATION—Continued

COUNTRY	Area	LATEST POPULATION CENSUS			MIDYEAR POPULATION ESTIMATES			Population per square mile <sup>1</sup>
		Year	Total	Male	1953 <sup>1</sup>	1960 <sup>1</sup>	Annual rate of increase, 1953-60	
	Sq. miles		1,000	1,000	1,000	1,000	Percent	
Panama <sup>42</sup> .....	28,753	1960	1,076	546	875	1,055	2.7	37
Paraguay.....	157,047	1950	<sup>43</sup> 1,341	<sup>43</sup> 649	1,406	1,768	2.4	11
Peru.....	496,223	1961	<sup>44</sup> 10,365	<sup>44</sup> 5,160	9,035	10,857	2.7	22
Philippines.....	115,707	1960	27,456		22,316	27,792	3.2	240
Poland <sup>45</sup> .....	120,859	1960	29,731	14,374	26,255	29,703	1.8	247
Portugal <sup>46</sup> .....	35,340	1960	8,921	4,291	8,621	<sup>47</sup> 8,921	0.5	252
Romania.....	91,699	1956	17,489	8,503	16,847	18,403	1.3	201
Saudi Arabia.....	617,762					<sup>48</sup> 6,036		10
South Africa <sup>49</sup> .....	472,359	1960	15,841		13,334	15,780	2.4	33
Spain <sup>50</sup> .....	194,396	1960	30,431	14,763	28,528	30,128	0.8	155
Sweden.....	<sup>51</sup> 173,649	1960	7,495	3,739	7,171	7,480	0.6	43
Switzerland.....	15,941	1960	5,429		4,877	5,351	1.3	336
Syria.....	71,228	1960	4,555		<sup>52</sup> 3,545	<sup>53</sup> 4,555	3.5	64
Thailand.....	198,456	1960	26,258		12,729	26,258	4.3	132
Tunisia.....	48,332	1956	<sup>54</sup> 3,943	1,957	3,758	4,168	1.5	86
Turkey.....	301,331	1960	27,829		22,818	27,561	2.9	91
U.S.S.R.....	8,649,512	1959	208,827	94,050		214,400		25
United Kingdom <sup>55</sup> .....	94,217	1961	<sup>56</sup> 52,676	<sup>57</sup> 25,478	<sup>58</sup> 50,880	<sup>59</sup> 52,539	0.5	558
Uruguay.....	72,172	1908	1,043	531	2,528	2,827	1.6	39
Venezuela <sup>60</sup> .....	352,143	1961	7,524	3,729	5,442	<sup>61</sup> 7,524	2.9	21
Viet-Nam.....	125,832	1960	<sup>62</sup> 15,917	<sup>63</sup> 7,688	25,880	<sup>64</sup> 15,917	2.1	238
Yugoslavia.....	98,766	1961	18,538	9,029	17,048	<sup>65</sup> 18,538	<sup>66</sup> 1.1	188
World total.....	52,189,700					2,995,000		57

<sup>1</sup> Italics denote population census figure. <sup>2</sup> Based on 1960 or latest year available.<sup>3</sup> Includes Alaska and Hawaii.<sup>4</sup> Excludes armed forces overseas, estimated at 609,720, and civilian citizens absent from country for extended period of time, estimated at 764,701.<sup>5</sup> Includes armed forces abroad. <sup>6</sup> Unofficial estimate.<sup>7</sup> Excludes full-blooded aborigines. <sup>8</sup> Actually enumerated; excludes adjustment for underenumeration.<sup>9</sup> Excludes Indian jungle population.<sup>10</sup> Represents results of the first stage of a multistage sample census, approximating the urban area of the Union.<sup>11</sup> Based on results of a demographic sample survey covering 345 villages, and supplementary administrative reports.<sup>12</sup> Excludes nonresident military and shipping personnel. <sup>13</sup> Excludes Taiwan.<sup>14</sup> Population registered plus estimate of 8,397,477 for persons living in outlying areas. No adjustment for underenumeration.<sup>15</sup> For Dec. 31, 1957. <sup>16</sup> For 1953-57. <sup>17</sup> Includes adjustment for underenumeration.<sup>18</sup> Excludes Faeroe Islands and Greenland. <sup>19</sup> Based on 17 percent sample of census returns. <sup>20</sup> For 1961.<sup>21</sup> Includes civilian nationals temporarily outside country. <sup>22</sup> Metropolitan (continental) France only.<sup>23</sup> Excludes alien armed forces, foreign diplomatic service in country, French diplomatic service outside country and career military service outside country except those on duty in Germany and Austria. Includes civilian residents temporarily outside country and all military conscripts.<sup>24</sup> Based on results of a census of housing. Includes the Saar.<sup>25</sup> Includes armed forces outside country, but excludes alien armed forces in country.<sup>26</sup> For 1953-61. <sup>27</sup> Includes Andaman, Nicobar, Laccadive, Minicoy, and Aminidivi Islands. Excludes Kashmir-Jammu, the final status of which has not yet been determined (population at 1961 census 3,583,585, area in 1960, 88,024).<sup>28</sup> Total includes estimate of 810,000 for Nagaland and North East Frontier Agency; figure for males excludes data for those 2 areas and also for Pondicherry, Karikal, Mahe, and Yanam.<sup>29</sup> Includes Kashmir-Jammu and Sikkim; excludes Nagaland and North East Frontier Agency.<sup>30</sup> Excludes armed forces and police and their dependents living in camps.<sup>31</sup> Includes nationals abroad.<sup>32</sup> Excludes diplomatic personnel outside country and allied military and civilian personnel and their dependents.<sup>33</sup> Excludes military personnel and their families living on military installations, and foreigners except registered Palestinian refugees.<sup>34</sup> Excludes alien armed forces, civilian aliens employed by armed forces, and foreign diplomatic personnel and their dependents.<sup>35</sup> Lebanese nationals only; excludes registered Palestinian refugees.<sup>36</sup> Excludes alien armed forces stationed in area. <sup>37</sup> For 1954-60.<sup>38</sup> Excludes armed forces stationed outside country.<sup>39</sup> Excludes Kashmir-Jammu, Gilgit, Baltistan, Junagadh, and Manavadar. Area figures exclude Gwadar also. <sup>40</sup> Includes foreigners. <sup>41</sup> Excludes foreigners, numbering 111,369 for both sexes.<sup>42</sup> Excludes Canal Zone. <sup>43</sup> Includes 12,881 schedules not tabulated by sex.<sup>44</sup> Excludes civilian aliens in country and, except for 1953, includes civilian nationals temporarily outside country.<sup>45</sup> Includes Azores and Madeira Islands. <sup>46</sup> 1956. <sup>47</sup> Excludes Walvis Bay.<sup>48</sup> Includes Balearic and Canary Islands.<sup>49</sup> Excludes Palestine refugees numbering 97,024 in 1953.<sup>50</sup> Excludes Algerian refugees temporarily in the country.<sup>51</sup> Excludes Channel Islands and Isle of Man.<sup>52</sup> Excludes armed forces and diplomatic personnel outside the country; includes other Commonwealth and alien armed forces and foreign diplomatic personnel within the country. <sup>53</sup> North Viet-Nam only.Source: Statistical Office of the United Nations; *Statistical Yearbook and Demographic Yearbook, 1961*.

## No. 1244. VITAL STATISTICS AND NET FOOD SUPPLY

[Crude birth rates, infant mortality rates, and death rates derived from data having complete or virtually complete coverage for many countries and incomplete coverage for others. For many countries, data are known to be by year of registration rather than by year of occurrence. **Crude birth rate:** Number of live births per 1,000 persons. **Crude death rate:** Number of deaths, exclusive of stillbirths, per 1,000 persons. **Infant mortality rate:** Deaths of infants under 1 year of age per 1,000 live births. Data exclude stillbirths. **Net food supply:** Net supply of foodstuffs, other than alcoholic beverages, available within the country for human consumption. Cereals in terms of flour and milled rice; potatoes include sweet potatoes, cassava, etc. and potato, manioc, and other root flour in terms of potatoes, cassava, etc.; meat (including offal, poultry, and game) in terms of carcass weight, excluding slaughter fats. See text, p. 910, for general comments concerning quality of the data. Years for which data are shown may vary from column to column and from country to country. Figures which are not for the year shown in the "year" column are prefixed by a letter to indicate the year represented as follows: a represents 1960; b, 1959; c, 1958; d, 1957; e, 1956; f, 1955; g, 1954; h, 1953; i, 1952; j, 1951; k, 1950; l, 1949]

COUNTRY	BIRTH AND DEATH RATES				NET FOOD SUPPLY PER PERSON				
	Year	Crude birth rate	Crude death rate	Infant mortality rate	Year <sup>1</sup>	Calories per day	Selected foods (lbs. per year)		
							Cereals	Potatoes, etc.	Meat
United States <sup>2</sup>	1955	24.7	9.3	26.4	1935-39	3,280	203	148	159
	1956	<sup>a</sup> 24.9	9.3	<sup>a</sup> 26.0	1948-50	3,180	170	115	181
	1957	25.0	9.0	<sup>a</sup> 26.4	1951-53	3,150	161	110	185
	1958	24.3	9.5	<sup>a</sup> 26.9	1954-56	3,150	152	108	203
	1959	24.1	9.4	<sup>a</sup> 26.4	1957-59	3,100	148	104	203
	1960	23.6	9.5	25.6	1960	3,120	146	104	200
	1961	23.4	9.3	25.2					
Albania.....	1959	41.9	9.8	76.5					
Argentina.....	1960	22.3	8.1	<sup>b</sup> 59.1	1957-59	3,090	254	154	240
Australia.....	1961	<sup>a</sup> 22.8	<sup>a</sup> 8.5	<sup>a</sup> 19.5	1959/60	3,260	194	117	251
Austria.....	1961	18.5	12.0	32.9	1959/60	2,950	249	104	117
Belgium.....	1960	16.9	12.9	30.6	1959/60	<sup>a</sup> 2,930	<sup>a</sup> 201	<sup>a</sup> 315	<sup>a</sup> 130
Bolivia.....	1961	26.5							
Brazil.....	1950	<sup>a</sup> 43.0	<sup>a</sup> 20.6	<sup>a</sup> 170.0	1957	2,640	234	258	64
Bulgaria.....	1960	17.8	8.1	45.1					
Burma.....	1959	<sup>a</sup> 38.2	<sup>a</sup> 18.9	<sup>a</sup> 130.3	1947/48	1,990			
Canada.....	1961	<sup>a</sup> 26.0	<sup>a</sup> 7.7	<sup>a</sup> 27.3	1950/60	3,150	157	130	181
Ceylon.....	1959	37.0	9.1	57.5	1960	2,150	304	49	7
Chile.....	1960	35.4	11.9	127.9	1957	2,570	284	203	68
China (Taiwan).....	<sup>10</sup> 11 39.5	<sup>10</sup> 11 6.9	<sup>10</sup> 11 30.5	1959	2,310	344	150	37	
Colombia.....	1961	<sup>12</sup> 42.5	<sup>12</sup> 12.0	<sup>a</sup> <sup>12</sup> 89.8	1950-58	2,170	134	185	90
Costa Rica.....	1961	55.4	7.9	<sup>a</sup> 80.3					
Cuba.....	<sup>i</sup> 14 25.1	<sup>i</sup> 14 5.8	<sup>i</sup> 14 37.6	1948/49	2,730	234	201	77	
Czechoslovakia.....	1961	15.8	9.2	22.7	1948/49	2,690			
Denmark.....	1961	<sup>a</sup> 15 16.6	<sup>a</sup> 15 9.5	<sup>b</sup> 15 22.5	1959/60	3,340	174	282	161
Dominican Republic.....	1959	39.8	10.5	113.2					
Ecuador <sup>10</sup> .....	1959	<sup>c</sup> 45.9	14.3	<sup>c</sup> 105.8	1957-59	2,230	163	198	33
Egypt (U.A.R.).....	1957	37.8	17.8	130.5	1958/59	2,530	408	18	29
El Salvador.....	1961	40.6	11.4	<sup>a</sup> 76.3					
Finland.....	1961	<sup>17</sup> 18.2	<sup>17</sup> 9.0	<sup>17</sup> 19.8	1958/59	3,120	245	223	71
France.....	1961	<sup>15</sup> 10 18.4	<sup>15</sup> 10 11.0	<sup>15</sup> 10 26.1	1959/60	2,940	236	220	163
Germany, Fed. Rep. of.....	1961	<sup>20</sup> 18.2	<sup>20</sup> 10.9	<sup>20</sup> 31.7	1960/61	<sup>21</sup> 2,940	<sup>21</sup> 183	<sup>21</sup> 280	<sup>21</sup> 126
Greece.....	1960	<sup>22</sup> 18.9	<sup>22</sup> 7.3	<sup>22</sup> 40.1	1959	2,900	362	88	46
Guatemala.....	1960	49.5	17.5	91.9					
Honduras.....	1961	44.6	9.5	<sup>a</sup> 52.0	1954-55	2,200	260	20	
Hungary.....	1961	14.0	9.6	43.9					
Iceland.....	1960	27.4	6.6	13.3	1948/50	3,230	216	170	163
India.....	1950	<sup>23</sup> 21.9	<sup>23</sup> 9.2	<sup>23</sup> 86.7	1958/59	1,980	300	26	4
Indonesia.....	1950	24 29.5	24 11.9	24 84.1					
Iran.....	1959	44.3	8.7						
Iraq.....	1958	11.8	4.1	39.0					
Ireland.....	1961	21.3	12.3	30.5	1959	3,570	254	320	182
Israel.....	1961	<sup>26</sup> 24.9	<sup>26</sup> 5.9	<sup>26</sup> 29.8	1957/59	2,780	271	90	64
Italy.....	1961	18.8	9.4	40.1	1960/61	2,740	313	116	60
Japan.....	1960	<sup>20</sup> 17.2	<sup>20</sup> 7.6	<sup>20</sup> 30.7	1959	2,210	333	146	13
Korea, Republic of.....	1955	27 36.6	27 21.2	27 21.2					
Lebanon.....	1960	<sup>28</sup> 38.8	<sup>28</sup> 7.6	<sup>28</sup> 13.6					
Luxembourg.....	1960	16.0	11.8	31.5	( <sup>5</sup> )	( <sup>6</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Mexico.....	1960	45.9	11.7	75.1	1957-59	2,330	273	18	
Netherlands.....	1961	<sup>20</sup> 21.2	<sup>20</sup> 7.5	<sup>20</sup> 15.4	1959/60	2,970	190	198	97
New Zealand.....	1961	27.1	9.0	22.8	1959	3,450	190	121	236
Nicaragua.....	1960	43.2	8.6	70.2					
Norway.....	1961	17.5	<sup>30</sup> 9.1	<sup>30</sup> 18.7	1959/60	2,980	174	231	82
Pakistan.....	1964			<sup>10</sup> 28 96.6	1957/59	1,970	337	9	9
Panama <sup>31</sup> .....	1961	42.4	8.6	57.1					
Paraguay.....	1958	<sup>k</sup> 46.6	<sup>k</sup> 10.6	54.0	1957-59	2,500	185		106
Peru <sup>10</sup> .....	1960	32.5	11.3	103.4	1959	1,980	196	313	37
Philippines.....	1960	29.2	7.7	73.1	1958	2,100	280	112	22
Poland.....	1961	20.7	7.6	54.9					
Portugal.....	1961	<sup>32</sup> 23.6	<sup>32</sup> 10.7	<sup>32</sup> 88.5	1960	2,420	256	216	42
Romania.....	1961	17.5	8.7	71.0					
South Africa.....					1959	2,580	309	44	95
Spain.....	1961	<sup>33</sup> 21.3	<sup>33</sup> 8.6	<sup>33</sup> 46.8	1959/60	2,750	258	273	35

See footnotes at end of table.

## No. 1244. VITAL STATISTICS AND NET FOOD SUPPLY—Continued

[See text, p. 910, for general comments concerning quality of the data. Years for which data are shown may vary from column to column and from country to country. Figures which are *not* for the year shown in the "year" column are prefixed by a letter to indicate the year represented as follows: a represents 1960; b, 1959; c, 1958; d, 1957; e, 1956; f, 1955; g, 1954; h, 1953; i, 1952; j, 1951; k, 1950; l, 1949]

COUNTRY	BIRTH AND DEATH RATES				NET FOOD SUPPLY PER PERSON				
	Year	Crude birth rate	Crude death rate	Infant mortality rate	Year <sup>1</sup>	Calories per day	Selected foods (lbs. per year)		
							Cereals	Potatoes, etc.	Meat
Sweden.....	1961	13.9	9.8	15.5	1960/61	2,930	157	192	108
Switzerland.....	1961	18.1	9.3	a 21.1	1959/60	2,980	183	161	119
Syria.....	1961	10 34 25.7	10 34 5.0	f 10 34 53.6	1957	2,290	357	22	15
Thailand.....	1959	39.4	9.4	47.1					
Turkey.....					1958/59	2,850	430	86	29
U.S.S.R.....	1960	24.9	7.1	35.0					
United Kingdom.....	1961	17.8	12.0	21.1	1959/60	3,290	185	194	157
Uruguay.....	1960	21.3	8.1	c 49.1	1954/56	2,980	218	134	240
Venezuela.....	1960	15 49.6	15 8.0	16 45.1	1959	2,300	181	33 203	55
Yugoslavia.....	1961	22.6	9.0	82.2	1959	2,970	403	161	60

<sup>1</sup> Diagonal indicates 12-month period beginning in 1 calendar year, ending in the following year. Split years: 1957/59 equal 1957/58-1958/59.

<sup>2</sup> Excludes Alaska and Hawaii except birth and death rates.

<sup>3</sup> Based on a 50-percent sample of births.

<sup>4</sup> Excludes full-blooded aborigines.

<sup>5</sup> Luxembourg included with Belgium.

<sup>6</sup> Official rate estimated from comparison of 1940 and 1950 census returns for population born in Brazil.

<sup>7</sup> For 71 towns only, having a population of approximately 2 million.

<sup>8</sup> Registered rates; estimated rates for 1955 are "around 50" for births and "around 35" for deaths; estimated infant mortality rate for 1952 is 195-300.

<sup>9</sup> Includes events among Canadian residents temporarily in United States; excludes events among United States residents temporarily in Canada.

<sup>10</sup> Excludes live-born infants dying before registration of birth.

<sup>11</sup> Excludes armed forces and foreigners.

<sup>12</sup> Based on baptisms recorded in church registers.

<sup>13</sup> Based on burial permits.

<sup>14</sup> Excludes live-born infants dying within 24 hours of birth.

<sup>15</sup> Excludes Faeroe Islands and Greenland.

<sup>16</sup> Excludes Indian jungle population.

<sup>17</sup> Includes data for Finnish nationals temporarily outside country.

<sup>18</sup> Metropolitan (continental) France only.

<sup>19</sup> Rates include events among alien armed forces stationed in the area and among national armed forces wherever stationed, but are computed on population excluding alien armed forces as well as members of career military service outside country, except those on occupation duty in Germany and Austria.

<sup>20</sup> Includes events among West German residents temporarily in West Berlin; excludes events among alien armed forces and nonresident civilians temporarily in area.

<sup>21</sup> Beginning 1959-60, includes the Saar.

<sup>22</sup> Data are events in area but rates are computed on population including armed forces stationed outside country and excluding alien armed forces stationed within country.

<sup>23</sup> Registration area.

<sup>24</sup> Data for 97 registration units (regencies) in Java only which included a population of about 54 million in 1959.

<sup>25</sup> Birth and death rates exclude Bedouin population in the Negev.

<sup>26</sup> Japanese nationals in Japan only.

<sup>27</sup> Korean nationals only.

<sup>28</sup> Lebanese nationals only.

<sup>29</sup> Includes births and deaths occurring abroad, if listed on a Netherlands population register.

<sup>30</sup> Includes deaths of Norwegian residents temporarily outside country.

<sup>31</sup> Excludes Canal Zone, and tribal Indians, except in Provinces of Bocas del Toro and Darien.

<sup>32</sup> Includes Azores and Madeira Islands.

<sup>33</sup> Includes Balearic and Canary Islands.

<sup>34</sup> Excludes nomad population and Palestine refugees.

<sup>35</sup> Includes plantains.

Source: Statistical Office of the United Nations; *Statistical Yearbook, Population and Vital Statistics Report*, April 1962, and *Demographic Yearbook*, 1961.

## No. 1245. INDUSTRIAL ORIGIN OF GROSS DOMESTIC PRODUCT (PERCENT DISTRIBUTION)

[Data relate to gross domestic product at factor cost, unless otherwise specified. Estimates are not fully uniform from country to country in items of income covered and industrial classifications used. Some of the major differences are indicated in footnotes below. In general, "Trade" covers wholesale and retail distribution; "All others" comprises banking, insurance and real estate, ownership of dwellings, public administration and defense and personal and other services. See text, p. 910, for general comments concerning quality of the data]

COUNTRY	Year	PERCENT BY INDUSTRIAL ORIGIN							
		Agriculture, forestry, fishing	Mining	Manufacturing	Construction	Electricity, gas, water	Transport and communications	Trade	All others
United States <sup>1 2 3</sup>	1958	5	1	29	6	2	6	17	43 4
	1960	4	1	30	6	2	6	17	43 4
Argentina	1960	22	1	5 22	4	1	10	17	23
Austria <sup>6</sup>	1960	11	44	7	7	4	5	10	7 19
Belgium	1960	7	3	36	7	3	8	6	30
Brazil <sup>2</sup>	1959	27		25			7	14	27
Canada	1960	7	4	26	7	3	9	14	5 30
Chile <sup>2</sup>	1959	13	5	23	3	1	4	22	0 29
China (Taiwan) <sup>10</sup>	1959	30	2	20	4	2	6	16	10 20
Colombia	1959	36	4	16	4	1	6	13	9 20
Denmark <sup>11</sup>	1960	12 15		12 30	7	2	10	16	9 21
Ecuador	1960	36	2	16		9		12	25
Egypt (U.A.R.) <sup>3</sup>	1956	33	1	12	3	1	(13)	(13)	50
Finland	1960	20	14 33		9	(14)	3 8	10	9 20
France <sup>16</sup>	1960	17 10	18 2	19 37	6	2	6	12	25
Germany, Fed. Rep. of <sup>16 20</sup>	1960	7		52			20		21 21
Greece	1959	32	1	19	5	2		11	23
Honduras <sup>22</sup>	1957	48	1	11	4		5	13	18
India <sup>2</sup>	23 1959	48	1		17		16		9 31
Indonesia <sup>2</sup>	1959	56	2	8			34		25 29
Ireland <sup>24</sup>	1960	26		30			15		27 50
Israel <sup>2</sup>	1959	12	22		26 7	2	7	(13)	
Italy <sup>22</sup>	1960	17	1	32	7	3	7	9	0 24
Japan <sup>2</sup>	1960	15	2	30	6	10		16	21
Korea, Republic of	1960	38	2	10	4	1	6	12	27
Luxembourg	1959	9	3	41	8		28 7	12	21 30 19
Netherlands	1960	11		42			9	38	
New Zealand	23 1954	22	1	22	7	2	9	16	36 21
Norway	1959	12	1	27	8	3	16	12	21
Pakistan <sup>31</sup>	23 1960	54		14 13	(13)	(32)	3	9	9 33 34 21
Panama	1959	27	(36)	9	26 5	2	5	12	37 40
Paraguay <sup>33</sup>	1960	46	15		1	1	2	19	16
Peru <sup>39</sup>	1958	24	12	17		6		16	40 25
Philippines <sup>41</sup>	1960	34	2	18	3	4		12	0 42 27
Portugal	1960	26	1	37		3	5	7	21
South Africa <sup>2</sup>	43 1960	11	14	4 23		(13)	4 8	13	0 14 31
Spain	1957	27	2	21	5	2	5	12	40 26
Thailand <sup>16</sup>	1960	36	2	14	4		7	20	17
Turkey	1959	44	2	14	6	1	7	7	9 19
United Kingdom <sup>24</sup>	1960	4		37	6	3	8	13	27
Yugoslavia <sup>47</sup>	1960	26	48 44		7	(19)	7	11	50 51 52 5

<sup>1</sup> Excludes Alaska and Hawaii.  
<sup>2</sup> Net domestic product at factor cost.  
<sup>3</sup> Excludes profits or losses of government enterprises.

<sup>4</sup> Includes total value of business transfer payments.

<sup>5</sup> Includes forestry.

<sup>6</sup> Gross national product at market prices.

<sup>7</sup> Includes sanitary services.

<sup>8</sup> Includes imputed rent on government owned buildings.

<sup>9</sup> Includes all services of general government.

<sup>10</sup> Excludes "ownership of dwellings."

<sup>11</sup> Includes repairs and maintenance.

<sup>12</sup> Includes slaughtering and dairy products.

<sup>13</sup> Included in "all others."

<sup>14</sup> Includes electricity, gas, and water.

<sup>15</sup> Included in mining and manufacturing.

<sup>16</sup> Gross domestic product at market prices.

<sup>17</sup> Includes wine production.

<sup>18</sup> Excludes building materials.

<sup>19</sup> Includes fishing.

<sup>20</sup> Excludes the Saar.

<sup>21</sup> Includes government health and education services.

<sup>22</sup> Unadjusted for statistical discrepancy.

<sup>23</sup> Year beginning April 1.

<sup>24</sup> Unadjusted for stock valuation.

<sup>25</sup> Includes postal and telephone services.

<sup>26</sup> Contract construction only.

<sup>27</sup> Includes trade and all services of general government on nonprofit institutions.

<sup>28</sup> Excludes communications industry.

<sup>29</sup> Includes communications industry.

<sup>30</sup> Includes interest on consumers' debt.

<sup>31</sup> Net domestic product at 1949-52 prices.

<sup>32</sup> Included in manufacturing.

<sup>33</sup> Includes indirect taxes on exports.

<sup>34</sup> Includes construction.

<sup>35</sup> Included in construction. <sup>36</sup> Includes mining.

<sup>37</sup> Includes services rendered to Panama Canal Zone.

<sup>38</sup> Gross domestic product at factor cost of 1953.

<sup>39</sup> Gross national product at factor cost.

<sup>40</sup> Represents total expenditure of general government, including consumption expenditure and fixed capital formation.

<sup>41</sup> Net national product at factor cost (= national income).

<sup>42</sup> Includes banking, insurance, and real estate.

<sup>43</sup> Year beginning July 1.

<sup>44</sup> Private enterprise only.

<sup>45</sup> Comprises transport only.

<sup>46</sup> Includes storage and communication.

<sup>47</sup> Net material product at market prices.

<sup>48</sup> Includes electricity and gas.

<sup>49</sup> Electricity and gas included in mining and manufacturing. Water included in "all others."

<sup>50</sup> By definition, government services not included in net material product.

<sup>51</sup> Refers to other branches of material production.

<sup>52</sup> Includes water.

Source: Statistical Office of the United Nations; *Statistical Yearbook*.

NO. 1246. INDEXES OF VOLUME OF PRODUCTION IN MINING AND MANUFACTURING,  
BY REGIONS: 1955, 1960, AND 1961

[1953=100. Excludes Albania, Bulgaria, China (mainland), Czechoslovakia, Eastern Germany, Hungary, North Korea, North Viet-Nam, Poland, Romania, and the U.S.S.R. See text, p. 910, for general comments concerning quality of the data]

AREA AND YEAR	Mining and manufacturing	MINING				MANUFACTURING—SELECTED INDUSTRIES		
		Total	Coal	Metal	Crude petroleum and natural gas	Total	Food, beverages, and tobacco	Textiles
World:								
1955.....	112	110	101	109	114	112	108	107
1960.....	139	132	96	136	151	140	128	122
1961, first quarter.....	139	136	96	133	163	139	127	121
Northern North America: <sup>1</sup>								
1955.....	106	109	101	108	108	105	105	103
1960.....	118	115	86	124	114	118	121	109
1961, first quarter.....	112	113	77	111	119	112	114	104
Latin America: <sup>2</sup>								
1955.....	117	117	104	111	120	117	110	118
1960.....	163	160	131	155	164	164	137	131
1961, first quarter.....		167	151	150	172			
Asia: East and Southeast: <sup>3</sup>								
1955.....	123	116	94	106	181	124	115	122
1960.....	240	174	119	117	397	249	153	167
1961, first quarter.....	266	181	130	117	405	278	209	166
Europe:								
1955.....	119	106	102	111	141	120	110	105
1960.....	156	112	95	134	270	159	134	118
1961, first quarter.....	161	115	97	141	293	164	130	121
European Economic Community:								
1955.....	123	109	103	113	152	124	113	107
1960.....	172	118	97	131	326	176	139	126
1961, first quarter.....	178	122	99	134	352	183		130

AREA AND YEAR	MANUFACTURING—SELECTED INDUSTRIES—Continued						
	Clothing, footwear, and made-up textiles	Wood products and furniture	Paper and paper products	Chemicals, petroleum, and coal products	Non-metallic mineral products	Basic metals	Metal products
World:							
1955.....	106	114	118	120	116	115	110
1960.....	132	131	148	176	145	128	141
1961, first quarter.....	137	124	152	181	136	123	141
Northern North America: <sup>1</sup>							
1955.....	106	112	114	113	111	105	100
1960.....	131	117	132	148	126	92	109
1961, first quarter.....	131	105	133	148	110	79	102
Latin America: <sup>2</sup>							
1955.....			121	132	118	122	-----
1960.....			172	229	154	169	-----
1961, first quarter.....				242	157	164	-----
Asia: East and Southeast: <sup>3</sup>							
1955.....			131	134	120	119	126
1960.....			245	257	226	254	471
1961, first quarter.....			266	265	234	279	558
Europe:							
1955.....		114	125	125	120	131	127
1960.....	108	139	169	201	154	174	172
1961, first quarter.....	144	139	180	213	148	180	181
European Economic Community:							
1955.....	111	115	123	130	126	138	133
1960.....	142	151	174	225	170	187	200
1961, first quarter.....			185	238	163	195	211

<sup>1</sup> Canada and the United States.

<sup>2</sup> Central and South America and the Caribbean Islands.

<sup>3</sup> Afghanistan, Brunei, Burma, Ceylon, Singapore and the Federation of Malaya, Hong Kong, India, Indonesia, Iran, Japan, Republic of Korea, Pakistan, Philippines, Sarawak, China (Taiwan), Thailand, and the Republic of Viet-Nam.

Source: Statistical Office of the United Nations; *Statistical Yearbook*.

# No. 1247. SELECTED EUROPEAN COUNTRIES AND UNITED STATES—NATIONAL PRODUCT AND EXPENDITURE: 1950 TO 1960

[In billions of U.S. dollars at current prices and current exchange rates. Data subject to following limitations: (a) Gaps in original statistics filed by OEEC estimates which may contain serious errors; and (b) official exchange rates used to convert European currencies to dollars understate relative purchasing power of currencies thus distorting comparison of levels of national product and expenditure in Europe with those in U.S.]

ITEM	EEC <sup>1</sup>				OEEC <sup>2</sup>				UNITED STATES <sup>3</sup>															
	1950	1958	1959	1960	1950	1958	1959	1960	1950	1958	1959	1960												
Gross national product.....	78.9	161.3	165.0	181.1	142.0	271.2	278.4	302.1	286.0	446.3	484.2	505.2												
Private consumption.....	53.7	102.2	102.9	111.8	98.8	175.2	177.9	190.9	193.0	288.3	308.6	322.8												
Food.....	20.3	34.9	34.8	37.4	35.4	59.5	59.3	62.0	47.0	66.8	67.7	69.5												
Clothing.....	8.4	13.0	13.1	14.3	14.1	20.8	21.0	22.9	21.0	27.6	29.5	30.2												
Rent.....	2.9	6.8	7.1	7.9	6.4	13.0	13.6	14.8	21.1	37.7	39.9	42.2												
Durables.....	3.6	8.7	8.9	9.8	6.4	15.0	16.0	17.1	24.7	28.9	34.1	34.6												
Other.....	18.6	38.7	39.0	42.5	36.4	66.9	68.0	73.2	70.3	127.4	137.4	146.3												
Public consumption.....	9.8	21.6	22.4	24.4	18.8	38.2	39.9	43.0	35.0	84.0	88.2	91.8												
Defense.....	3.7	6.5	6.9	7.6	6.8	12.4	12.7	13.6	14.4	45.2	47.0	46.6												
Civil.....	6.2	15.0	15.6	16.8	12.0	25.8	27.2	29.3	20.6	38.8	41.2	45.2												
Gross domestic fixed capital formation <sup>4</sup> .....	13.7	32.5	33.9	38.4	23.0	51.7	54.3	61.0	49.8	72.4	80.5	82.4												
Residential cons.....	2.5	7.9	8.3	9.1	4.5	11.4	12.2	13.5	15.2	19.6	24.1	22.6												
Other cons.....	4.5	9.2	9.8	10.8	7.3	15.4	16.5	18.2	15.6	29.7	30.6	32.3												
Mach. and equip.....	6.7	15.4	15.8	18.5	11.3	24.8	25.5	29.5	18.9	23.1	25.9	27.5												
Change in stocks.....	2.4	2.4	2.0	3.5	2.0	2.7	2.6	5.8	0.4	-5	6.7	4.3												
Exports of goods and services.....	13.6	34.7	37.5	43.1	28.7	61.3	65.1	72.8	13.8	23.0	23.4	27.0												
Less: Imports.....	14.3	32.1	33.8	40.0	29.3	57.9	61.4	71.3	12.1	20.9	23.3	23.0												
Population <sup>5</sup> : 1,000.....	155	235	166	164	167	608	169	129	293	677	321	637	324	852	328	165	152	264	174	793	177	831	180	670

<sup>1</sup> European Economic Community (Common Market): Belgium, Luxembourg, France, Germany (F.R.), Italy, and Netherlands.

<sup>2</sup> Organisation for European Economic Co-operation: Above 6 countries (see footnote 1), and Austria, Denmark, Western Germany (including Saar), Greece, Iceland, Ireland, Norway, Portugal, Spain, Sweden, Switzerland, Turkey, and United Kingdom. Excludes data for Spain. <sup>3</sup> Excludes Alaska and Hawaii, except as noted.

<sup>4</sup> For United States, government expenditure for machinery and equipment included in public consumption. <sup>5</sup> As of June. U.S. data include Alaska and Hawaii.

Source: Organisation for Economic Co-operation and Development, *General Statistics Bulletin*, Nos. 4 and 5, July and Sept. 1961, and No. 1, Jan. 1962.

## No. 1248. EUROPEAN ECONOMIC COMMUNITY (COMMON MARKET), OTHER EUROPE, AND UNITED STATES—INDEXES OF INDUSTRIAL PRODUCTION, IMPORTS AND EXPORTS: 1950 TO 1960

[Monthly averages. Imports c.i.f., except as otherwise noted; exports f.o.b. See text, pp. 909, 910]

COUNTRY	INDUSTRIAL PRODUCTION INDEXES (1953=100)				IMPORTS (\$1,000,000)				EXPORTS (\$1,000,000)			
	1950	1958	1959	1960	1950	1958	1959	1960	1950	1958	1959	1960
EEC countries.....	80	144	153	171	930	1,913	2,018	2,468	773	1,895	2,104	2,477
Belgium.....	93	116	122	129	1 162	1 261	1 287	1 324	1 137	1 254	1 275	1 312
France.....	89	145	150	168	2 256	2 467	2 425	2 524	2 257	2 427	2 468	2 572
Germany (F.R.).....	80	134	135	138	2 225	2 618	2 698	2 847	2 165	2 714	2 818	2 952
Italy.....	78	143	158	182	124	264	280	393	101	231	243	306
Luxembourg.....	89	121	127	138	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Netherlands.....	88	127	139	157	169	302	328	378	116	268	301	336
Other Europe:												
Austria.....	86	150	156	169	40	89	95	118	27	76	80	93
Denmark.....	98	125	135	142	71	112	123	150	55	104	115	122
Greece.....	77	162	163	179	36	47	58	8	19	17	17	17
Iceland.....	(9)	(9)	(9)	(9)	63	67	68	67	62	66	65	66
Ireland.....	91	109	118	126	737	746	750	753	717	731	730	736
Norway.....	88	129	137	147	56	109	110	122	33	62	67	73
Portugal.....	(9)	147	155	172	23	40	40	45	16	24	24	27
Spain.....	(9)	(9)	(9)	(9)	33	71	66	60	34	41	42	61
Sweden.....	95	122	127	135	98	197	200	240	92	174	184	214
Switzerland.....	(9)	(9)	(9)	(9)	88	143	159	186	75	120	140	157
Turkey.....	77	141	147	(9)	24	26	37	39	22	22	30	27
United Kingdom.....	94	114	122	130	8 608	8 882	8 931	8 1,063	8 527	8 783	8 806	8 858
Yugoslavia.....	94	189	214	247	20	57	67	69	13	37	40	47
United States.....	10 82	10 102	10 116	10 119	11 729	11 1,061	11 1,249	11 1,221	845	1,475	1,448	1,692

<sup>1</sup> Luxembourg included with Belgium. <sup>2</sup> Through June 1959, data for Germany exclude, and data for France include, the Saar. <sup>3</sup> Includes the Saar, excludes W. Berlin. <sup>4</sup> General trade.

<sup>5</sup> Not available. <sup>6</sup> Special trade, including imports into and reexports from, "credit" warehouses.

<sup>7</sup> General imports and domestic exports plus reexports. <sup>8</sup> General imports, and exports of produce and manufactures plus reexports. <sup>9</sup> Includes the Channel Islands. <sup>10</sup> Excludes Alaska and Hawaii.

<sup>11</sup> Imports are valued f.o.b.

Source: Organisation for Economic Co-operation and Development, *General Statistics Bulletin*, No. 1, January 1962.

## No. 1249. INDEXES OF PRODUCTION, EMPLOYMENT, PRICES, AND RETAIL TRADE

[1953=100, except as noted. See text, p. 910, for general comments concerning quality of the data. Years for which data are shown may vary from column to column and from country to country. Figures which are not for the year shown in the "year" column are prefixed by a letter to indicate the year represented, as follows: a represents 1950; b, 1958; c 1957]

COUNTRY	Year	PRODUCTION				Employment in manu- factur- ing <sup>2</sup>	PRICES			Retail trade <sup>3</sup>
		Agricultural (1962/53-1956/57 = 100) <sup>1</sup>		Min- ing	Manu- factur- ing Indus- tries		Con- sumer prices <sup>3</sup>	Whole- sale prices <sup>3,4</sup>	Market prices of indus- trial shares <sup>5</sup>	
		All com- modi- ties	Food							
United States <sup>6</sup>	1955	101	102	107	105	96	100	101	170	109
	1956	103	104	113	108	98	102	104	201	112
	1957	99	103	113	108	98	105	107	192	118
	1958	107	112	103	100	91	108	108	198	118
	1959	110	113	107	114	95	109	108	238	127
	1960			109	117	96	111	109	243	130
	1961					93	112	108	263	128
Argentina	1960	a 102	a 100	217	112	90	590	10 439		538
Australia	1960	a 118	a 113			121	120	11 112	175	109
Austria	1960	a 113	a 113	13 134	14 15 172	10 125	17 103	11 113	655	175
Belgium	1960	a 104	a 107	10 79	14 140	17 101	20 110	102	158	156
Bolivia	1960						3, 352			
Brazil	1960	a 130	a 120	201	15 198		439	399		
Burma	1960	a 113	a 115				108			
Canada	1960	a 100	a 99	178	118	97	111	104	185	134
Ceylon	1960	a 110	a 109				102			
Chile	1960	a 109	a 109	13 21 126	23 119		1, 164	1, 109	1, 326	
China (Taiwan)	1960	a 118	a 116	174	23 193	24 112	10 140	10 140		
Colombia	1960	a 118	a 109			129	170	195	23 121	
Costa Rica	1960					c 107	114	109		
Cuba	1960	a 115	a 115				b 100			
Czechoslovakia	1960				20 193	27 28 125	86			152
Denmark	1960	a 115	a 115		29 138	9 30 119	20 31 103	105	187	142
Dominican Republic	1960						98	100		
Ecuador	1960						104	97		
Egypt (U.A.R.)	1960	a 120	a 117	a 10 138	a 32 147		103	118	129	
Finland	1960	a 113	a 113	169	154	9 16 108	134	126	301	33 157
France	1960	a 109	a 109	13 120	34 170	106	134	130	437	35 236
Germany, Fed. Rep. of	1960	a 106	a 107	121	183	36 137	36 111	107	26 772	159
Greece	1960	a 128	a 127		15 37 172	23 102	30 102	132		
Guatemala	1960	a 123	a 108		40 142	9 35 41 111	104	41 101		
Honduras	1960	a 112	a 108			b 134	110			
Hungary	1960			42 128	42 43 155	27 44 127	20 95			187
Iceland	1960						45 132			
India	1960	a 109	a 109	40 153	35 47 160	b 9 115	116	118	25 145	
Indonesia	1960	a 109	a 112				45 135	b 49 247		
Iran	1960	a 119	a 119				164	60 101		
Iraq	1960	a 96	a 95				111	110		
Ireland	1960	a 98	a 97	167	120	31 101	117	113	25 173	
Israel	1960	a 166	a 162	52 53 434	53 151	16 53 125	144	151	23 372	
Italy	1960	a 119	a 120	180	54 181	9 112	115	99	25 440	
Japan	1960	a 124	a 126	124	54 280	154	114	161	25 352	45 204
Korea, Republic of	1960	a 115	a 116	17 183	10 17 40 117		20 352	53 163		
Lebanon	1960						45 123	a 102		
Luxembourg	1960	(15)	(15)	94	57 145	a 115	20 108			
Mexico	1960	a 135	a 142	35 116	49 178	9 115	60 162	150	128	198
Netherlands	1960	a 113	a 115	120	150	112	121	108	368	165
New Zealand	1960	a 118	a 113		a 139	121	124	110	206	135
Nicaragua	1960				b 156		10 97			
Norway	1960	a 100	a 99	130	144	105	121	112	156	10 124
Pakistan	1960	a 106	a 106	171	61 269		113			
Panama	1960	a 119	a 118				a 99			
Paraguay	1960						267	335		
Peru	1960	a 110	a 109	a 157	a 135	c 135	165	214	116	
Philippines	1960	a 115	a 114	42 129	43 190	123	109	108	106	
Poland	1960			135	201	27 28 121	101			183
Portugal	1960	a 94	a 94	79	171		109	102	25 96	

See footnotes at end of table.



# No. 1249. INDEXES OF PRODUCTION, EMPLOYMENT, PRICES, AND RETAIL TRADE—Continued

[1953=100, except as noted. See text, p. 910, for general comments concerning quality of the data. Years for which data are shown may vary from column to column and from country to country. Figures which are not for the year shown in the "year" column are prefixed by a letter to indicate the year represented, as follows: a represents 1950; b, 1953; c, 1957]

COUNTRY	Year	PRODUCTION				Employment in manufacturing <sup>2</sup>	PRICES			Retail trade <sup>3</sup>
		Agricultural (1952/53-1956/57 =100) <sup>1</sup>		Mining	Manufacturing industries		Consumer prices <sup>3</sup>	Wholesale prices <sup>4</sup>	Market prices of industrial shares <sup>5</sup>	
		All commodities	Food							
South Africa.....	1960	a 111	a 111			<sup>64</sup> 115	<sup>65</sup> 117	109	<sup>25</sup> 92	
Spain.....	1960	a 118	a 118	125	<sup>65</sup> 118		152	<sup>63</sup> 152	<sup>25</sup> 121	
Sweden.....	1960	a 95	a 95	128	130	<sup>66</sup> 106	124	111	<sup>25</sup> 217	<sup>67</sup> 126
Switzerland.....	1960	a 109	a 109			<sup>6</sup> 120	108	101	300	150
Syria.....	1960	a 96	a 83				<sup>65</sup> 111	106		
Thailand.....	1960	a 112	a 108				118	113		
Turkey.....	1960	a 121	a 121			a <sup>63</sup> 123	228	230		
U.S.S.R.....	1960				<sup>68</sup> 206		<sup>70</sup> 95			<sup>71</sup> 183
United Kingdom.....	1960	a 108	a 108	<sup>72</sup> 90	129	<sup>73</sup> 109	121	<sup>74</sup> 102	259	<sup>75</sup> 111
Uruguay.....	1960	a 79	a 76				338			
Venezuela.....	1960	a 108	a 109	192	<sup>75</sup> 209		112	<sup>76</sup> 105	<sup>25</sup> 123	
Yugoslavia.....	1960	a 166	a 169	195	255	<sup>16</sup> <sup>25</sup> 174	139	<sup>77</sup> 107		292
World total.....	1960			<sup>78</sup> 132	<sup>79</sup> 140					

<sup>1</sup> Refers to crop year beginning in year indicated, except as noted. All commodities index comprises food, fibers, tobacco, industrial oilsseeds, and rubber. Food index relates to production of crops and livestock products for human consumption. Based on 1952-56 price relationship to the country production figures. Deduction made for feed and seed in production process. <sup>2</sup> Refers, in general, to salaried employees and wage earners in manufacturing (excluding public utilities, building, and other construction). <sup>3</sup> In many instances, represents index only for principal city (or cities) of particular country. <sup>4</sup> General wholesale price index numbers usually weighted by gross value of sales on wholesale markets. <sup>5</sup> As of 1st quarter, 1961, except as noted. Indexes based primarily on common shares traded on leading exchange or exchanges of each country, and intended to cover representative sample of companies in manufacturing, mining, and construction fields. In some cases, where an index of industrial shares is not available, a general index, including shares of companies in transportation, distribution and finance fields, is reported. <sup>6</sup> Excludes Alaska and Hawaii, except as noted. <sup>7</sup> Average of daily quotations, except 1959, 1960, and 1961 which are 1st quarter. <sup>8</sup> Includes Alaska and Hawaii. <sup>9</sup> Wage earners only.

<sup>10</sup> 1956=100. <sup>11</sup> Home consumption of foodstuffs and industrial raw materials. <sup>12</sup> Includes motor vehicles. <sup>13</sup> Excludes the extraction of crude petroleum and natural gas. <sup>14</sup> Excludes clothing, wood products and furniture, printing and publishing. <sup>15</sup> Excludes coal and petroleum products.

<sup>16</sup> Excludes mining and quarrying. <sup>17</sup> 1958=100. <sup>18</sup> Luxembourg included with Belgium. <sup>19</sup> Excludes metal mining. <sup>20</sup> Excludes rent. <sup>21</sup> Includes the smelting and refining of copper. <sup>22</sup> Excludes slaughtering, sawmills, and the smelting and refining of copper.

<sup>23</sup> Excludes clothing and footwear, printing and publishing. <sup>24</sup> Excludes casual workers. <sup>25</sup> General index.

<sup>26</sup> General industrial index. Includes logging, water supply, steam heat and power; excludes publishing.

<sup>27</sup> Includes mining and quarrying and electricity. Poland includes sea fishing. <sup>28</sup> Socialist sector.

<sup>29</sup> Excludes dairy production. <sup>30</sup> Includes quarrying. Excludes sugar factories and refineries.

<sup>31</sup> July 1957=100. <sup>32</sup> Excludes cotton ginning and pressing, clothing and wood, rubber and metal products.

<sup>33</sup> 1954=100. <sup>34</sup> Includes the extraction of crude petroleum. <sup>35</sup> Groceries. Sales of the Federation Nationale de Cooperatives de Consommation.

<sup>36</sup> Includes the Saar. <sup>37</sup> Excludes clothing (except hat manufacture), footwear, printing and publishing, wood products and furniture. <sup>38</sup> Includes electricity.

<sup>39</sup> June 1959=100. <sup>40</sup> Excludes furniture, paper and paper products, printing and publishing, rubber and metal products. <sup>41</sup> Guatemala City only.

<sup>42</sup> Includes stone quarrying, clay and sandpits in manufacturing and coal briquetting in mining.

<sup>43</sup> Includes waterworks and gasworks; excludes publishing. <sup>44</sup> Excludes apprentices.

<sup>45</sup> Includes direct taxes. <sup>46</sup> Coal and iron ore mining only. <sup>47</sup> Excludes clothing, wood products and furniture (except plywood), printing and publishing.

<sup>48</sup> 1959=100. <sup>49</sup> Imported goods.

<sup>50</sup> Beginning 1959, March 21, 1959-March 20, 1960=100.

<sup>51</sup> Includes working proprietors, September data. <sup>52</sup> Extraction of nonmetallic minerals only.

<sup>53</sup> 1955=100. <sup>54</sup> Excludes clothing, printing and publishing. <sup>55</sup> Department stores only. <sup>56</sup> Excludes clothing, footwear, and furniture.

<sup>57</sup> Excludes paper and paper products. <sup>58</sup> Excludes coal mining, stone, salt, and other quarrying; includes nonferrous basic metal industry. <sup>59</sup> Excludes clothing and footwear, wood products, furniture, printing and publishing, leather and leather products, chemical products (except matches, soap, and candles), the nonferrous basic metal industry and metal products. <sup>60</sup> Food, clothing, coal, and soap. <sup>61</sup> Excludes most of food products, clothing and footwear, wood products and furniture, printing and publishing, most chemicals, most of the nonmetallic mineral products, and metal products. <sup>62</sup> Metal mining only. <sup>63</sup> Excludes basic metals. <sup>64</sup> July 1953-June 1954=100. <sup>65</sup> Textiles.

<sup>66</sup> Includes mining. <sup>67</sup> Food. Excludes sales of cooperatives. <sup>68</sup> Includes soap, kerosene, and cigarettes. <sup>69</sup> Includes fishing, logging, water supply, cold storage, steam heat and power; excludes publishing. <sup>70</sup> Index of State retail prices.

<sup>71</sup> Includes public dining. Excludes trade in Kolchoz markets. <sup>72</sup> Includes open-cast coal mining in construction. <sup>73</sup> Excludes Northern Ireland.

<sup>74</sup> Beginning 1955, 1954=100. <sup>75</sup> Excludes footwear, basic metals, and machinery. <sup>76</sup> 1956-1957=100.

<sup>77</sup> Producers' prices of industrial production. <sup>78</sup> Excludes Albania, Bulgaria, China (mainland), Czechoslovakia, Eastern Germany, Hungary, North Korea, North Viet-Nam, Poland, Romania, and the U.S.S.R.

Source: Statistical Office of the United Nations; Statistical Yearbook.

## No. 1250. PRODUCTION OF FARM CROPS, MEAT, AND SUGAR

[In thousands of short tons. Prewar averages have been adjusted to present territorial boundaries. Crop production data pertain to harvest of the year indicated (or to harvests continuing into the first half of the following year for Southern Hemisphere and southerly regions of Northern Hemisphere). Meat production data pertain to the calendar year. Sugar production data refer to calendar years unless otherwise stated. See text, p. 919, for general comments concerning quality of the data]

COUNTRY	WHEAT			CORN		
	1948-1952, average	1950	1960	1948-1952, average	1950	1960
United States <sup>1</sup> .....	34,244	30,580	40,510	90,358	86,097	121,874
Argentina.....	5,704	6,389	4,365	2,766	2,043	5,346
Australia.....	5,689	5,527	8,211	139	132	191
Austria.....	384	423	774	132	132	234
Belgium.....	2 579	2 615	2 871			
Brazil.....	549	586	753	6,521	6,854	9,100
Cambodia.....				80	5 66	130
Canada.....	14,850	13,851	14,689	423	388	821
Chile.....	1,038	1,075	1,308	75	78	160
China <sup>4</sup> .....	17,540	15,978	34,496	18,573	7,253	23,634
Colombia.....	157	112	159	808	683	952
Costa Rica.....				85	93	5 60
Cuba.....				246	198	216
Czechoslovakia.....	1,646	1,576	1,657	340	240	631
Denmark.....	314	328	353			
Dominican Republic.....				93	91	111
Ecuador.....				87	76	169
Egypt (U.A.R.).....	1,227	1,122	1,652	1,519	1,440	1,865
El Salvador.....				225		198
Ethiopia.....	197	99	179	176	176	182
Finland.....	291	326	406			
France.....	8,588	8,489	12,141	493	445	3,101
Germany, Fed. Rep. of.....	2,928	2 881	5,473			
Greece.....	985	937	1,836	248	215	316
Guatemala.....				507	591	558
Honduras.....				233	231	323
Hungary.....	2,104	2,298	1,949	2,280	1,990	3,862
India.....	6,864	7,045	11,300	2,552	1,906	4,385
Indonesia.....				10 1,693	1,103	2,436
Iran.....	2,050	2,495	2,855			
Iraq.....	494	573	653			
Ireland.....	360	376	517			
Israel.....	26	30	45			
Italy.....	7,904	8,569	7,499	2,542	2,121	4,206
Japan.....	1,516	1,475	1,688	63	69	127
Jordan.....	140	117	49			
Korea, Republic of.....	101	131	175			
Luxembourg.....	33	35	56			
Mexico.....	589	647	1,312	3,406	3,441	5,732
Netherlands.....	358	325	650	29	17	
New Zealand.....	153	188	248			
Nicaragua.....				105	115	131
Norway.....	64	73	25			
Pakistan.....	4,062	4,351	4,341	423	430	492
Panama.....				67	69	69
Paraguay.....				130	148	121
Peru.....	161	159	180	321	293	364
Philippines.....				767	791	1,273
Poland.....	2,021	2,081	2,635		186	21
Portugal.....	550	694	642	464	551	514
Romania.....	2,740	2,446	3,895	2,611	2,316	6,097
South Africa.....	11 615	11 801	11 844	2,704	3,008	5,240
Spain.....	2 3,996	2 3,738	2 3,889	573	591	1,116
Sweden.....	746	815	908			
Switzerland.....	2 287	2 279	2 417			
Syria.....	840	915	610			
Turkey.....	2 5,259	2 4,319	2 9,469	823	692	1,202
U.S.S.R.....	10 39,426	34,282	70,217	5 6,615	7,275	20,393
United Kingdom.....	2,642	2,919	3,351			
Uruguay.....	517	480	455	172	306	217
Venezuela.....				391	342	485
Viet-Nam, Republic of.....				10 33	25	28
Yugoslavia.....	2 2,393	2 2,023	2 3,940	3,393	2,304	6,790
World total.....	187,000	183,600	268,300	160,700	160,400	245,500

<sup>1</sup> Excludes Alaska and Hawaii.<sup>2</sup> For 1955. <sup>3</sup> Excludes Taiwan.<sup>4</sup> Average of 4 years. <sup>5</sup> For 1959.<sup>6</sup> Includes spelt.<sup>7</sup> For 1962.<sup>8</sup> For 1957.<sup>9</sup> Includes the Saar. <sup>10</sup> Average of 3 years.<sup>11</sup> Crop grown on farms and estates.

## No. 1250. PRODUCTION OF FARM CROPS, MEAT, AND SUGAR—Continued

[In thousands of short tons. See text, p. 910, for general comments concerning quality of the data]

COUNTRY	RICE			POTATOES		
	1948-1952, average	1950	1960	1948-1952, average	1950	1960
United States <sup>1</sup>	2,122	1,941	2,730	11,768	12,955	12,872
Argentina	168	155	164	1,357	1,710	2,284
Australia	75	80	127	511	461	482
Austria				2,502	2,809	4,199
Belgium				2,345	2,555	2,088
Bolivia				<sup>12</sup> 327		<sup>6</sup> 208
Brazil	3,334	3,505	5,955	771	779	1,215
Burma	0,042	0,134	7,484			
Cambodia	<sup>6</sup> 1,512	1,434	1,702			
Canada <sup>13</sup>				2,285	2,955	2,238
Ceylon	14,623	15,559	840			
Chile	84	44	110	515	467	909
China <sup>4</sup>	<sup>6</sup> 64,141	60,736	93,696	<sup>10</sup> 2,102		
Colombia	274	241	495	558	397	<sup>6</sup> 755
Costa Rica	36	58	63			
Cuba	117	121	<sup>6</sup> 274			
Czechoslovakia				7,997	8,990	5,614
Denmark				2,393	2,039	1,910
Dominican Republic	72	66	132			
Ecuador	155	125	180	108	119	299
Egypt (U.A.R.)	1,070	1,369	1,637	206	176	<sup>6</sup> 412
El Salvador	29	23	22			
Finland				1,590	1,403	1,893
France	51	49	114	15,139	15,907	17,419
Germany, Fed. Rep. of <sup>14</sup>				26,538	30,836	<sup>6</sup> 27,056
Greece	43	35	60	424	383	466
Guatemala	<sup>6</sup> 10	9	15			
Honduras	20	19	26			
Hungary	44	55	50	1,890	1,488	2,928
India	<sup>13</sup> 37,491	<sup>13</sup> 34,022	<sup>13</sup> 56,617	1,816	1,830	2,975
Indonesia	<sup>10</sup> 10,407	9,948	14,896			
Iran	467	452	661			
Iraq	224	266	130			
Ireland				3,209	3,219	2,017
Israel				<sup>39</sup>	<sup>39</sup>	<sup>90</sup>
Italy	797	778	682	3,012	2,681	4,215
Japan	13,218	13,298	17,717	2,702	2,692	3,962
Korea, Republic of	3,223	3,235	3,447	250	271	348
Laos	<sup>6</sup> 595	637	<sup>6</sup> 517			
Lebanon				47	61	32
Luxembourg				154	161	137
Mexico	191	206	208	148	149	279
Netherlands				5,158	4,625	4,600
New Zealand				130	146	<sup>6</sup> 179
Nicaragua	25	25	37			
Norway				1,294	1,230	1,375
Pakistan	13,668	13,767	17,695		<sup>3</sup> 220	<sup>6</sup> 328
Panama	93	94	107			
Peru	226	228	300	1,367	1,506	<sup>6</sup> 1,342
Philippines	3,050	3,048	4,029			
Poland				32,675	40,244	41,853
Portugal	127	133	166	1,192	1,247	981
South Africa				<sup>11</sup> 247	<sup>11</sup> 263	<sup>11</sup> 335
Spain	300	278	398	3,691	3,164	5,093
Sweden				2,000	1,911	1,932
Switzerland				1,125	1,248	1,422
Syria	14	20	<sup>6</sup> 2	37	37	<sup>6</sup> 15
Thailand	7,546	7,476	8,586			
Turkey	120	95	202	667	667	1,543
U.S.S.R.		223	<sup>6</sup> 236		97,678	92,594
United Kingdom				10,410	10,048	8,017
Uruguay	49	41	60			
Venezuela	45	41	79	29		110
Viet-Nam, Republic of	<sup>10</sup> 2,722	2,436	5,462			
Yugoslavia	<sup>6</sup> 7	7	24	1,638	1,155	3,605
World total <sup>15</sup>	181,600	177,300	264,200	271,200	190,800	313,500

<sup>1</sup> Excludes Alaska and Hawaii. <sup>3</sup> For 1955.<sup>4</sup> Excludes Taiwan. <sup>5</sup> Average of 4 years.<sup>6</sup> For 1950. <sup>7</sup> Includes the Saar.<sup>8</sup> Average of 3 years.<sup>9</sup> Crop grown on farms and estates.<sup>10</sup> Average of 2 years.<sup>11</sup> Excludes Newfoundland.<sup>12</sup> 1952-54. <sup>13</sup> For 1951.<sup>14</sup> 1931-37. <sup>15</sup> Includes West Berlin.<sup>16</sup> Includes estimates for nonreporting States.<sup>17</sup> Excludes U.S.S.R.

## No. 1250. PRODUCTION OF FARM CROPS, MEAT, AND SUGAR—Continued

[In thousands of short tons. See text, p. 910, for general comments concerning quality of the data]

COUNTRY	MEAT <sup>20</sup>			SUGAR <sup>21</sup>		COTTON		
	1948-1952, average	1950	1960	1950	1960	1948-1952, average	1950	1960
United States <sup>1</sup>	10,993	11,040	14,115	2,488	3,073	3,423	2,403	3,425
Afghanistan					6	8	7	20
Argentina	2,511	<sup>22</sup> 1,305	<sup>23</sup> 2,477	<sup>24</sup> 678	947	130	112	134
Australia	1,155	1,125	1,406	<sup>25</sup> 1,108	1,507			
Austria	<sup>26</sup> 236	<sup>24</sup> 216	<sup>24</sup> 414	123	<sup>26</sup> 313			
Belgium	326	355	483	491	<sup>20</sup> 550			
Brazil	1,627	1,610	2,064	2,004	3,659	435	433	532
Bulgaria			<sup>24</sup> 231	41	205	12	12	21
Burma					50	21	18	13
Canada	949	958	1,228	162	168			
Ceylon	<sup>22</sup> 19	<sup>22</sup> 19	<sup>23</sup> 27 22					
Chile	<sup>23</sup> 239	<sup>22</sup> 168	<sup>22</sup> 202		87			
China <sup>4</sup>				441	1,389	<sup>5</sup> 957	763	<sup>6</sup> 2,657
Colombia	<sup>12</sup> 303	369	<sup>27</sup> 320	175	362	11	7	77
Cuba	<sup>12</sup> 28 89			6,348	6,462			
Czechoslovakia	<sup>12</sup> 28 302		<sup>6</sup> 28 455	970	1,056			
Denmark	453	462	<sup>8</sup> 530	409	355			
Dominican Republic	<sup>28</sup> 24		<sup>28</sup> 32	586	1,226			
Egypt (U.A.R.)	184	195	<sup>29</sup> 239	215	398	437	421	527
El Salvador					<sup>28</sup> 54	9	7	44
Finland	<sup>30</sup> 120	<sup>30</sup> 117	<sup>30</sup> 142		68			
France	<sup>24</sup> 30 1,993	<sup>24</sup> 20 2,005	<sup>6</sup> 24 30 2,946	1,580	3,007			
Germany, Fed. Rep. of	1,529	1,642	<sup>6</sup> 2,866	<sup>31</sup> 1,984	2,060			
Greece	75	69	<sup>6</sup> 122			23	26	71
Guatemala	<sup>28</sup> 30 40	<sup>28</sup> 30 40	<sup>28</sup> 30 45		80	2		<sup>23</sup> 23
Haiti				64	66	2	1	<sup>6</sup> 1
Hungary			<sup>6</sup> 28 220	281	456			
Iceland	<sup>30</sup> 9	<sup>30</sup> 9	<sup>30</sup> 14					
India				<sup>32</sup> 1,369	3,095	535	570	1,057
Indonesia			<sup>23</sup> 20 267	306	744			
Iran				61	98	29	31	109
Iraq						4	9	12
Ireland	165	161	<sup>6</sup> 234	108	140			
Italy	563	593	<sup>6</sup> 900	692	1,100	4	4	7
Japan	<sup>28</sup> 30 119	<sup>28</sup> 30 150	<sup>28</sup> 30 323	48	164			
Korea, Republic of	<sup>33</sup> 23		105			24	24	8
Luxembourg	<sup>24</sup> 18	<sup>24</sup> 18	<sup>24</sup> 25		( <sup>26</sup> )			
Mexico	<sup>28</sup> 233	<sup>28</sup> 244	<sup>6</sup> 28 466	815	1,673	243	277	482
Netherlands	322	365	<sup>6</sup> 552	450	737			
New Zealand	606	623	804					
Nicaragua					77	9	6	36
Norway	101	112	<sup>6</sup> 128					
Pakistan	<sup>6</sup> 26 208	<sup>28</sup> 316	<sup>28</sup> 374	<sup>32</sup> 48	159	270	270	335
Paraguay					31	15	12	12
Peru				<sup>34</sup> 508	890	84	80	143
Philippines	<sup>6</sup> 129	<sup>28</sup> 45	<sup>6</sup> 208	<sup>38</sup> 920	1,541			
Poland	<sup>24</sup> 995		<sup>6</sup> 24 1,670	1,144	1,334			
Portugal	103	<sup>28</sup> 83	<sup>29</sup> 103		<sup>36</sup> 15			
Romania				121	408			
South Africa	<sup>37</sup> 452	<sup>37</sup> 464	<sup>6</sup> 608	609	1,049	3	3	6
Spain	360	476	582	218	582	9	4	79
Sweden	314	321	<sup>6</sup> 413	344	396			
Switzerland	186	197	257		45			
Syria	<sup>10</sup> 22 24		<sup>6</sup> 22 44		13	33	39	122
Thailand					154	8	8	20
Turkey	<sup>28</sup> 98	<sup>28</sup> 97	<sup>28</sup> 190	168	681	131	130	194
U.S.S.R.	<sup>28</sup> 35 39 1,655	<sup>28</sup> 39 1,715	<sup>6</sup> 39 8,733	3,023	6,306	1,069	1,210	1,634
United Kingdom	1,131	1,249	1,893	843	948			
Uruguay	405	420	357		<sup>28</sup> 39			
Venezuela	<sup>28</sup> 93	<sup>28</sup> 97	<sup>28</sup> 21 131	54	220	4	3	0
Yugoslavia	303		538	104	319			
World total	<sup>10</sup> 45,300	<sup>10</sup> 42,000	<sup>10</sup> 67,000	37,000	58,100	8,400	7,400	12,000

<sup>1</sup> Excludes Alaska and Hawaii.<sup>4</sup> Excludes Taiwan.<sup>5</sup> Average for 4 years.<sup>6</sup> For 1959. <sup>6</sup> Includes the Saar.<sup>10</sup> Average of 3 years.<sup>12</sup> Average of 2 years.<sup>13</sup> Excludes U.S.S.R.<sup>20</sup> Refers to beef and veal (incl. buffalo meat), pork (incl. bacon and ham), mutton and lamb (incl. goat meat). Excludes lard, tallow, and offals. Figures relate to commercial and farm slaughter.<sup>21</sup> Beet and cane. Figures expressed generally in terms of raw sugar. 1950 data on crop year basis.<sup>22</sup> Inspected production.<sup>23</sup> Cane sugar.<sup>24</sup> Includes fat. France includes pork fat.<sup>25</sup> Crop year.<sup>26</sup> Luxembourg included with Belgium. <sup>27</sup> For 1953.<sup>28</sup> Commercial production.<sup>29</sup> For 1953.<sup>30</sup> Includes meat equivalent of live animals exported.<sup>31</sup> Includes production of Eastern Germany.<sup>32</sup> White sugar only.<sup>33</sup> For 1948.<sup>34</sup> Includes Chancaca.<sup>35</sup> Conifugal sugar.<sup>36</sup> Azores and Madeira only.<sup>37</sup> Excludes meat from animals slaughtered in vil-

lages.

<sup>38</sup> 1940.<sup>39</sup> Slaughter weight.

Source: Statistical Office of the United Nations;

Statistical Yearbook.

## No. 1251. LABOR FORCE, ENERGY, MANUFACTURING, IMPORTS, AND EXPORTS

[See text, p. 910, for general comments concerning quality of the data. Years for which data are shown may vary from column to column and from country to country. Figures which are not for the year shown in the "year" column are prefixed by a letter to indicate the year represented as follows: a represents 1959; b, 1958; c, 1957; d, 1956; e, 1955; f, 1954; g, 1953; h, 1952; i, 1951; j, 1950; k, 1949; l, 1948; m, 1947; n, 1946]

COUNTRY	Year	Economi- cally active population <sup>1</sup>	Produce- tion of electric energy <sup>2</sup>	Consump- tion of sources of energy (in terms of coalequiv- alent) <sup>3</sup>	MANUFACTURING <sup>4</sup>		Imports <sup>7</sup>	Exports <sup>7</sup>
					Establis- hments <sup>5</sup>	Persons engaged, total <sup>6</sup>		
		1,000	1,000,000 kw.-hr.	1,000 short tons	Number	1,000	\$1,000,000	\$1,000,000
United States <sup>8</sup>	1950	9 10 60,037	11 388,674				12 13 8,853	13 14 10,149
	1955		11 620,010	1 416,569	15 233,047	15 16 16,819	12 13 11,410	13 14 15,430
	1958		11 724,752	1 470,500	15 208,182	15 16 16,065	12 13 12,918	13 14 17,752
	1959		11 795,251	1 531,727			12 13 15,056	13 14 17,448
	1960		11 840,946	1 595,915			12 13 14,709	13 14 20,325
Afghanistan	1960		83	220			1 58	1 40
Argentina	1960	m 9 6,446	18 10,372	24,714	f 145,402	f 19 20 1,425	1 249	1,079
Australia	1960	f 21 3,702	23,143	44,214	a 23 56,265	a 22 1,115	12 2,307	1,962
Austria	1960	m 3,361	16,965	16,854	23 96,813	20 23 847	1 416	1,150
Belgium	1960	m 3,481	15,152	21 41,425	25 40,893	20 23 1,173	21 3,957	21 3,776
Bolivia	1960	j 20 27 1,048	33 294	551			68	61
Brazil	1960	j 25 29 17,118	a 21,108	26,974	b 39 33,949	b 20 1,647	1 462	1,260
Bulgaria	1960		4,637	11,932			12 631	580
Burma	1960		396	1,257	g 33,241	g 20 105	200	226
Canada	1960	i 9 31 5,300	11 114,000	111,762	a 32 36,193	32 1,285	12 5,665	5,563
Ceylon	1960	n 25 33 2,612	301	1,146	i 34 639	i 34 50	412	385
Chile	1960	h 35 2,155	4,427	7,154	c 30 5,854	c 20 30 217	500	490
China (Taiwan)	1960		3,797	6,118	f 30 40,713	f 30 310	37 297	164
Colombia	1960	j 3,756	3,750	7,937	g 47,353	g 23 264	519	464
Costa Rica	1960	j 35 272 a	383	243	c 5,784	c 20 31	110	88
Cuba	1960	g 9 1,972 a	2,806	6,437			b 12 808	618
Czechoslovakia	1960	m 5,852	24,450	71,099		35 2,086	12 1,816	1,929
Denmark	1960	g 32 2,118	11 5,179	14,212	49 6,201	49 373	1 802	1,486
Dominican Republic	1960	j 41 820	349	518	2 349	16 88	12 87	180
Ecuador	1960	j 35 48 1,237	857	898	b 43 3,007	b 43 29	12 103	150
Egypt (U.A.R.)	1960	m 44 8,393	2,639	8,036	a 43 3,007	a 19 45 297	667	568
El Salvador	1960	j 20 653 a	235	353	d 11,091	d 61	122	117
Ethiopia	1960		100	198			88	78
Finland	1960	j 9 1,984	8,605	8,047	49 6,750	49 374	1 060	980
France	1960	f 42 47 18,824	11 72,118	120,593	48 544,575	a 10 20 48 4,646	49 6,276	49 6,862
Germany, Fed. Rep. of	1960	j 22,074	50 116,418	50 223,648	50 51 52,529	19 50 51 7,160	52 10,103	52 11,415
Greece	1960	i 2,840 b	1,857	5,225	b 155,531	b 509	702	203
Guatemala	1960		243	606	b 23 2,140	b 27	138	119
Haiti	1960	j 9 1,747 a	23 53	143			86	33
Honduras	1960	j 647 a	86	331	b 30 624	b 20	12 72	64
Hungary	1960	k 4,155	7,615	25,485		51 927	976	874
Iceland	1960		551	728	35 1,082	g 55 13	89	67
India	1960	i 40 101,775	19,685	66,010	b 57 6,617	b 19 57 1,821	2,258	1,331
Indonesia	1960		1,081	13,680	c 57 3,094	c 16 43 339	574	840
Iran	1960		907	8,322	c 30 7,909	c 30 126	572 f	111
Iraq	1960		23 39 852	3,362	a 60 216	a 20 49 29	391	654
Ireland	1960	i 9 1,272	20 2,260	61 6,283	a 62 3,028	a 62 147	634	427
Israel	1960		23 2,312	2,043	a 63 9,063	a 63 126	500	220
Italy	1960	i 50 20,672	56,240	64,573	i 624,793	64 5,325	4,721	3,650
Japan	1960	e 42 65 39,155	115,489	119,612	553,170	20 8,950	4,401	4,055
Korea, Republic of	1960		1,754	6,880	66 15,148	66 256	37 329	32
Lebanon	1960		350	1,157	e 31 1,793	e 31 34	332	66
Liberia	1960		84	66			69	83
Luxembourg	1960	m 135	1,464	(21)	67 260	a 67 35	(24)	700
Mexico	1960	j 35 8,346	10,728	38,636	e 70,755	e 1,478	1,186	700
Netherlands	1960	m 9 3,867	16,512	35,693	j 100,644	58 1,294	4,531	4,028
New Zealand	1960	i 741	23 6,832	5,181	a 87 8,560	a 87 172	786	846
Nicaragua	1960	j 330	184	298	g 70 1,575	g 70 21	72	56
Norway	1960	j 63 1,388	11 31,335	10,814	a 71 18,675	a 19 71 318	1,461	880
Pakistan	1960	i 35 72 22,393	23 1,450	6,889	b 72 3,170	b 16 73 398	654	393
Panama	1960	j 26 74 263	28 226	684	a 75 180	a 75 7	12 109	30
Paraguay	1960	j 20 34 425	87	165	e 2,732	e 20 34	12 82	27
Peru	1960		a 2,212	4,255	b 377	b 16 50	376	431
Philippines	1960	j 7,416 a	2,280	4,200	b 31 7,412	b 34 228	12 604	560
Poland	1960	j 9 12,404	20,307	101,402	44,702	2,509	12 1,495	1,326
Portugal	1960	j 34 3,288	3,257	3,638	4,781	132	545	327
Romania	1960		7,650	28,219			648	717
South Africa	1960		23,259	46,231	a 63 10,021	a 63 655	12 1,555	1,238
Spain	1960	j 10,793	78 18,614	77 27,425	a 106,068	a 20 1,489	721	725
Sweden	1960	j 3,105	34,795	28,836	a 30 15,204	a 30 852	2,876	2,567
Switzerland	1960	j 2,150	19,072	11,453	e 91,968	e 890	2,243	1,880
Syria	1960		368	1,455			220	110
Thailand	1960	m 8,993 c	469	1,775	f 30,846	f 20 190	453	410
Turkey	1960	e 9 78 12,038	2,886	7,220	a 75 5,419	a 75 304	468	321
U.S.S.R.	1960		292,274	61 673,082			12 5,630	5,562

See footnotes at end of table.

## No. 1251. LABOR FORCE, ENERGY, MANUFACTURING, IMPORTS, AND EXPORTS—CON.

[See text, p. 910, for general comments concerning quality of the data. Years for which data are shown may vary from column to column and from country to country. Figures which are not for the year shown in the "year" column are prefixed by a letter to indicate the year represented as follows: a represents 1950; b, 1953; c, 1957; d, 1950; e, 1955; f, 1954; g, 1953; h, 1952; i, 1951; j, 1950; k, 1949; l, 1948; m, 1947; n, 1946]

COUNTRY	Year	Economic- ally active population <sup>1</sup>	Produce- tion of electric energy <sup>2</sup>	Consump- tion of sources of energy (in terms of coal equiv- alent) <sup>3</sup>	MANUFACTURING <sup>4</sup>		Imports <sup>7</sup>	Exports <sup>7</sup>
					Establish- ments <sup>4</sup>	Persons engaged, total <sup>5</sup>		
		1,000	1,000,000 kw.-hr.	1,000 short tons	Number	1,000	\$1,000,000	\$1,000,000
United Kingdom.....	1960	<sup>1</sup> 65 10 20, 337	136, 666	285, 490	<sup>f</sup> 81 96, 155	<sup>b</sup> 10 51 7, 634	12, 308	9, 955
Uruguay.....	1960	<sup>1</sup> 28 1, 017	28 1, 017	2, 337	<sup>a</sup> 27, 548	<sup>10</sup> 207	244	129
Venezuela.....	1960	<sup>1</sup> 26 20 1, 700	26 2, 972	18, 927	<sup>g</sup> 16, 045	<sup>10</sup> 20 52 138	12, 1, 060	2, 415
Yugoslavia.....	1960	<sup>1</sup> 7, 843	8, 928	17, 659	<sup>g</sup> 2, 138	<sup>10</sup> 84 920	826	506
World total.....	1960		2, 294, 660	4, 669, 000			<sup>10</sup> 134, 300	<sup>10</sup> 127, 500

<sup>1</sup> Census data. Includes unemployed, except as otherwise noted. <sup>2</sup> Comprises utilities (publicly and privately owned) generating primarily for public use, plus industrial establishments generating primarily for own use. Relates to production at generating centers and includes station use and transmission losses.

<sup>3</sup> Based on apparent consumption of coal, lignite, petroleum products, natural gas, and hydro-electricity. <sup>4</sup> Relates to production (incl. repair work) in factories, and excludes mining, building and construction, and public utilities (gas, electricity, and water supply).

<sup>5</sup> Single plants or factories. <sup>6</sup> Comprises average number of paid employees, working proprietors, unpaid family workers, and homeworkers, except as otherwise noted. <sup>7</sup> Expressed in U.S. dollars and refers to merchandise including silver (exc. current silver coin), excluding gold and issued paper currency. Imports are generally valued c.i.f.; exports, f.o.b. Generally, postal and governmental trade are included, war reparations and restitutions excluded. See source publication for "general trade" or "special trade" category distinctions. Roughly half the countries fall into each category, thus affecting comparability.

<sup>8</sup> Excludes Alaska and Hawaii, except as noted.

<sup>9</sup> 14 years old and over. <sup>10</sup> Excludes members of Armed Forces outside continental U.S. and civilian citizens absent from country for extended periods.

<sup>11</sup> Net production (i.e., excludes station use).

<sup>12</sup> F.o.b. <sup>13</sup> Includes Alaska, Hawaii, and Puerto Rico. <sup>14</sup> Includes foreign aid and special category military goods. <sup>15</sup> Establishments with 1 or more employees, except those engaged in manufacturing or repairing for the retail trade. Includes logging.

<sup>16</sup> Paid employees only. <sup>17</sup> Includes Hawaii. <sup>18</sup> Only plants generating more than 360,000 kw, annually. <sup>19</sup> Excludes homeworkers and/or unpaid family workers. <sup>20</sup> For one period. <sup>21</sup> Excludes full-blooded aborigines and armed forces outside country. <sup>22</sup> Establishments with 4 or more engaged or installed power equipment. <sup>23</sup> Includes stone quarrying, photography, film copying, and photostating. Excludes establishments in publishing or those administered by the Soviet Occupation Authority. <sup>24</sup> Luxembourg included with Belgium.

<sup>25</sup> Enterprises with 1 or more employees. <sup>26</sup> 10 years old and over. <sup>27</sup> Excludes tribal Indians, Colonos, Communarios, and unemployed.

<sup>28</sup> Public utility plants. New Zealand includes small net purchases from private plants. <sup>29</sup> Excludes Indian jungle population. Brazil also excludes unemployed.

<sup>30</sup> Establishments with 5 or more employees. Norway includes smaller establishments that contributed an important portion of output. <sup>31</sup> Excludes Yukon and Northwest territories. <sup>32</sup> Includes Newfoundland.

<sup>33</sup> Excludes part-time employees, unpaid family workers and unemployed seeking work for first time.

<sup>34</sup> Establishments with 5 or more engaged. <sup>35</sup> 12 years old and over. <sup>36</sup> Excludes government cooperatives and itinerant and part-time household activities. <sup>37</sup> Includes foreign aid.

<sup>38</sup> All publicly owned and cooperative establishments. <sup>39</sup> Based on sample. <sup>40</sup> Large establishments, generally with 6 or more employees. Includes coal mining and stone quarrying. Excludes dairies.

<sup>41</sup> 7 years old and over. <sup>42</sup> Excludes unemployed. <sup>43</sup> Establishments with 5 or more engaged, gross value of production of 100,000 sucres or more, or value of fixed assets of 200,000 sucres.

<sup>44</sup> 5 years old and over; excludes nomads.

<sup>45</sup> Establishments with 10 or more engaged, except those owned or managed by the government.

<sup>46</sup> Establishments with 5 or more employees or using power equipment extensively. Includes dairies, slaughterhouses, and publishing. <sup>47</sup> Based on a 5-percent sample of census returns. <sup>48</sup> All privately owned establishments except coking and briquetting plants. <sup>49</sup> Prior to July 6, 1950, includes the Saar.

<sup>50</sup> Beginning 1960, includes the Saar.

<sup>51</sup> Establishments with 10 or more engaged. Includes stone quarrying; excludes coking and coal briquetting. <sup>52</sup> Beginning July 6, 1950, includes the Saar.

<sup>53</sup> Establishments with 3 or more operatives. <sup>54</sup> All publicly owned enterprises. Includes stone quarrying and water works. Excludes coal briquetting.

<sup>55</sup> Establishments subject to Accident Compensation Act. <sup>56</sup> Excludes Kashmir-Jammu and tribal areas of Assam. Self-supporting persons. <sup>57</sup> Establishments in 29 selected industries with 20 or more employees and installed power equipment. <sup>58</sup> Establishments with 50 or more engaged or capacity of 5 or more h.p. of installed power equipment. <sup>59</sup> Consumption.

<sup>60</sup> Enterprises with 20 or more employees engaged in selected industries. <sup>61</sup> Includes peat. For U.S.S.R., coal equivalent of low grade coal revised. <sup>62</sup> Establishments with 3 or more engaged and/or installed power equipment. <sup>63</sup> Establishments with 1 or more employees. Excludes abattoirs, repair services principally for the retail trades, petroleum refining, and ordnance manufacturing.

<sup>64</sup> All industrial enterprises. <sup>65</sup> 15 years old and over. Japan based on 1-percent sample of census returns. <sup>66</sup> Establishments with 5 or more regular employees. Excludes tobacco manufacturing and establishments operated by central government.

<sup>67</sup> Establishments with 10 or more employees. <sup>68</sup> Man-years. <sup>69</sup> Establishments with 2 or more engaged. <sup>70</sup> Establishments with gross value of production exceeding 12,000 cordobas.

<sup>71</sup> Excludes single person units. <sup>72</sup> Excludes Kashmir-Jammu, Gilgit, Baltistan, Junagadh, Manavadar, Northwest Frontier Province, and armed forces.

<sup>73</sup> Establishments filing reports with 20 or more employees and installed power equipment. <sup>74</sup> Excludes tribal Indians and Canal Zone.

<sup>75</sup> Establishments with paid-in capital of 5,000 balboas or more, engaged in important industries. <sup>76</sup> Includes Canary Islands, Ceuta, and Melilla.

<sup>77</sup> Includes Canary Islands. <sup>78</sup> Based on a 10-percent sample of returns. <sup>79</sup> Units in urban areas employing 10 or more persons or with installed power equipment of 10 or more h.p. <sup>80</sup> Excludes Northern Ireland and Scotland.

<sup>81</sup> Excludes bakeries and confectioneries, custom tailoring and dressmaking, boot and shoe repair for the retail trade, milk pasteurizing and bottling, and scrap metal processing.

<sup>82</sup> Excludes petroleum refining. <sup>83</sup> All publicly owned and cooperative enterprises. Excludes licensed handicrafts. <sup>84</sup> Excludes apprentices, part-time workers, volunteer brigades, and similar persons engaged.

<sup>85</sup> Excludes trade of China (mainland), Mongolia, North Viet-Nam, and North Korea with one another.

Source: Statistical Office of the United Nations; Statistical Yearbook.

## No. 1252. COAL, PETROLEUM, CEMENT, IRON ORE, SULFURIC ACID, AND STEEL

[See text, p. 910, for general comments concerning quality of the data. Years for which data are shown may vary from column to column and from country to country. Figures which are not for the year shown in the "year" column are prefixed by a letter to indicate the year represented, as follows: a represents 1950; b, 1958; c, 1957]

COUNTRY	Year	PRODUCTION						STEEL CONSUMPTION <sup>7</sup>	
		Coal <sup>1</sup>	Crude petroleum <sup>2</sup>	Cement <sup>3</sup>	Iron ore (iron content) <sup>4</sup>	Sulfuric acid <sup>5</sup>	Steel <sup>6</sup>	Total	Per capita
		1,000 short tons	1,000 barrels	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	Pounds
United States <sup>8</sup> -----	1950	557,018	1,973,576	42,686	<sup>9</sup> 54,351	13,020	96,836	94,745	1,250
	1955	487,673	2,484,427	58,415	<sup>9</sup> 50,122	<sup>10</sup> 16,255	117,036	112,038	1,367
	1958	429,190	2,448,990	60,440	<sup>9</sup> 40,456	<sup>10</sup> 15,950	86,255	83,256	955
	1959	430,193	2,574,591	65,877	<sup>9</sup> 35,416	<sup>10</sup> 17,608	93,446	96,090	1,082
	1960	431,583	2,574,931	61,799	<sup>9</sup> 62,868	<sup>10</sup> 17,883	99,282	99,756	1,105
Argentina-----	1960	310	64,018	2,911	a 55	66	<sup>11</sup> 305	1,747	168
Australia-----	1960	25,279	---	2,951	a 3,152	1,197	<sup>11</sup> 4,120	4,486	873
Austria-----	1960	146	16,555	3,120	1,213	154	3,487	2,691	597
Belgium-----	1960	24,763	---	<sup>12</sup> 4,837	53	1,547	7,923	<sup>13</sup> 2,872	<sup>14</sup> 606
Bolivia-----	1960	---	3,183	23	---	---	---	---	---
Brazil-----	1960	2,565	29,688	4,002	3,940	b 151	a <sup>14</sup> 1,652	2,941	90
Bulgaria-----	1960	639	1,497	1,748	207	136	270	955	243
Burma-----	1960	a 1	4,082	50	b 4	---	---	---	---
Canada-----	1960	8,834	102,304	5,885	<sup>15</sup> 11,829	1,652	5,789	6,056	679
Ceylon-----	1960	---	---	94	---	---	---	101	20
Chile-----	1960	1,493	7,233	920	3,204	b <sup>15</sup> 25	<sup>11</sup> 465	585	154
China (Taiwan)-----	1960	4,367	13	1,304	---	57	220	319	60
Colombia-----	1960	2,976	55,482	1,527	196	---	173	427	60
Cuba-----	1960	---	107	<sup>a</sup> 731	b 7	<sup>16</sup> 35	---	238	71
Czechoslovakia-----	1960	28,896	925	5,568	1,045	610	7,400	7,166	1,049
Denmark-----	1960	---	---	1,581	---	---	---	---	---
Dominican Republic-----	1960	---	---	187	90	<sup>17</sup> 21	321	1,306	571
Ecuador-----	1960	---	2,761	222	---	---	---	---	---
Egypt (U.A.R.)-----	1960	---	22,930	2,041	132	a 101	---	359	25
El Salvador-----	1960	---	---	95	---	---	---	---	---
Ethiopia-----	1960	---	---	31	---	---	---	---	---
Finland-----	1960	---	---	1,386	198	209	<sup>18</sup> 280	1,127	505
France-----	1960	61,691	13,863	15,817	23,970	2,186	19,049	15,843	675
Germany, Fed. Rep. of-----	1960	<sup>19</sup> 157,856	39,079	<sup>20</sup> 27,453	<sup>20</sup> 5,024	<sup>20</sup> 3,494	<sup>20</sup> 37,589	<sup>20</sup> 32,200	<sup>20</sup> 1,157
Greece-----	1960	<sup>20</sup> 157,856	39,079	1,804	a 86	149	---	368	88
Guatemala-----	1960	---	---	120	---	---	---	---	---
Hungary-----	1960	3,138	9,108	1,732	151	190	2,078	2,148	430
India-----	1960	58,066	3,365	8,637	7,165	<sup>18</sup> 397	3,623	5,118	25
Indonesia-----	1960	725	152,408	427	---	b 1	---	321	7
Iran-----	1960	215	390,867	<sup>19</sup> 862	c 8	---	---	553	55
Iraq-----	1960	---	355,367	537	---	---	---	265	73
Ireland-----	1960	259	---	628	---	a 80	---	176	123
Israel-----	1960	---	931	888	---	133	---	306	376
Italy-----	1960	812	15,328	17,232	687	2,288	9,071	10,170	412
Japan-----	1960	50,292	3,673	24,544	<sup>21</sup> 1,735	4,907	24,403	21,460	459
Korea, Republic of-----	1960	5,897	---	476	220	<sup>19</sup> 6	55	---	---
Lebanon-----	1960	---	---	941	a 11	---	---	201	236
Liberia-----	1960	---	---	---	2,347	---	---	---	---
Luxembourg-----	1960	---	---	231	2,123	---	4,562	( <sup>15</sup> )	( <sup>15</sup> )
Mexico-----	1960	1,953	100,816	3,405	674	273	<sup>11</sup> 1,088	1,913	110
Netherlands-----	1960	<sup>19</sup> 13,777	13,404	1,982	---	928	2,141	3,512	613
New Zealand-----	1960	895	0	675	1	---	---	531	448
Nicaragua-----	1960	---	---	35	---	---	---	---	---
Norway-----	1960	<sup>22</sup> 443	---	1,208	1,164	99	539	1,088	606
Pakistan-----	1960	<sup>23</sup> 916	2,390	1,254	2	<sup>18</sup> 3	<sup>11</sup> 8	483	11
Panama-----	1960	---	---	120	---	---	---	---	---
Paraguay-----	1960	---	---	15	---	---	---	---	---
Peru-----	1960	174	18,095	691	3,462	a 11	---	188	35
Philippines-----	1960	162	---	809	698	<sup>19</sup> 1	---	408	33
Poland-----	1960	115,123	1,434	7,274	070	755	7,365	6,925	465
Portugal-----	1960	478	---	1,325	160	353	---	433	95
Romania-----	1960	4,939	80,107	3,366	515	249	1,991	3,116	340
Saudi Arabia-----	1960	---	459,287	---	---	---	---	84	21
South Africa-----	1960	42,117	a 34,182	2,982	2,166	---	2,329	2,385	320
Spain-----	1960	15,193	<sup>24</sup> 447	<sup>15</sup> 5,745	3,069	122	<sup>11</sup> 2,158	2,047	137

See footnotes at end of table.

**No. 1252. COAL, PETROLEUM, CEMENT, IRON ORE, SULFURIC ACID, AND  
STEEL—Continued**

[See text, p. 910, for general comments concerning quality of the data. Years for which data are shown may vary from column to column and from country to country. Figures which are not for the year shown in the "year" column are prefixed by a letter to indicate the year represented, as follows: a represents 1959; b, 1958; c, 1957]

COUNTRY	Year	PRODUCTION						STEEL CONSUMPTION <sup>7</sup>	
		Coal <sup>1</sup>	Crude petroleum <sup>2</sup>	Cement <sup>3</sup>	Iron ore (iron content) <sup>4</sup>	Sulfuric acid <sup>5</sup>	Steel <sup>6</sup>	Total	Per capita
		1,000 short tons	1,000 barrels	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	Pounds
Sweden.....	1960	277	541	3,093	14,553 <sup>a</sup>	444	3,506	4,492	1,202
Switzerland.....	1960	-----	-----	3,347	55	176	3,303	1,713	546
Syria.....	1960	-----	-----	539	-----	-----	-----	116	61
Thailand.....	1960	-----	-----	485	-----	-----	-----	235	19
Tunisia.....	1960	-----	-----	446	621	-----	-----	55	28
Turkey.....	1960	4,027	2,422	2,247	545	25	293	671	49
U.S.S.R.....	1960	413,293	1,107,140	50,177	68,090	5,943	71,981	70,011	653
United Kingdom.....	1960	2 <sup>b</sup> 216,051	1,076	14,882	5,167	3,026	27,222	24,519	937
Uruguay.....	1960	-----	-----	457	-----	-----	-----	137	97
Venezuela.....	1960	39	1,041,673	1,639	13,750	-----	-----	562	168
Viet-Nam, Rep. of.....	1960	30	-----	448	-----	-----	-----	65	10
Yugoslavia.....	1960	1,429	6,673	2,643	877	143	1,590	1,890	203
World total.....	1960	2,191,700	7,913,200	346,100	2 <sup>b</sup> 249,500	b 46,100	379,700	-----	-----

<sup>1</sup> Excludes lignite and brown coal.

<sup>2</sup> Source presents data in metric tons. Conversion of data to barrels allows for differences in specific gravity of petroleum. Figures refer to crude petroleum including shale oil, but excluding natural gasoline.

<sup>3</sup> Covers, as far as possible, all hydraulic cements used for construction (portland, metallurgic, aluminous, natural, etc.).

<sup>4</sup> Data generally refer to iron content of marketable ores mined, including manganiferous iron ores but excluding pyrites. Data are sometimes only rough estimates obtained by applying a fixed percentage to figures for production of crude ores.

<sup>5</sup> Data expressed in terms of pure (monohydrate) sulfuric acid and include sulfuric acid equivalent of oleum or "fuming" acid.

<sup>6</sup> Total production of crude steel, both ingots and steel for castings. Excludes wrought (puddled) iron.

<sup>7</sup> Data represent apparent consumption (i.e., production plus imports minus exports) and do not take into account changes in stocks.

<sup>8</sup> Excludes Alaska and Hawaii.

<sup>9</sup> Excludes manganiferous iron ores containing 5% or more of manganese.

<sup>10</sup> Includes government-owned but privately operated plants.

<sup>11</sup> Ingots only.

<sup>12</sup> Excludes natural cement.

<sup>13</sup> Luxembourg included with Belgium.

<sup>14</sup> Excludes alloy steels.

<sup>15</sup> Shipments from mines.

<sup>16</sup> Strength of acid not reported. India, April 1 of year stated.

<sup>17</sup> Excludes sulfuric acid for superphosphate production.

<sup>18</sup> Ingots and finished castings.

<sup>19</sup> Low-grade coal has been included at its hard-coal equivalent.

<sup>20</sup> Includes the Saar.

<sup>21</sup> Includes iron content of iron sand.

<sup>22</sup> Svalbard; Norwegian-operated mines only.

<sup>23</sup> Includes lignite.

<sup>24</sup> Entirely shale oil.

<sup>25</sup> Great Britain only; excludes coal produced at quarries but includes open-cast coal.

<sup>26</sup> Excludes China (mainland) and North Korea. Production of crude iron ore (iron content 50-60%) in China (mainland) was approximately 40,604,000 short tons in 1959. Production of crude iron ore (iron content not available) in North Korea was approximately 2,980,000 short tons.

Source: Statistical Office of the United Nations; Statistical Yearbook.



**No. 1253. MILK, BEER, CIGARETTES, FISH, COTTON SPINDLES, AND COTTON,  
WOOL, AND RAYON YARN**

[See text, p. 910, for general comments concerning quality of the data. Years for which data are shown may vary from column to column and from country to country. Figures which are *not* for the year shown in the "year" column are prefixed by a letter to indicate the year represented as follows: a: represents 1950; b, 1952; c, 1957; d, 1956; e, 1955; f, 1954; g, 1953; h, 1952; i, 1951; j, 1950; k, 1949; l, 1948]

COUNTRY	Year	Milk production <sup>1</sup>	Beer production <sup>2</sup>	Cigarette production <sup>3</sup>	Fish catches <sup>4</sup>	Cotton spinning spindles <sup>5</sup>	YARN PRODUCTION		
							Cotton <sup>6</sup>	Wool <sup>7</sup>	Rayon and acetate <sup>8</sup>
		1,000 sh. tons	1,000 gals.	Millions	1,000 sh. tons	1,000	1,000 sh. tons	1,000 sh. tons	1,000 sh. tons
United States <sup>9</sup>	1950	58,651	10 11 2,752,788	391,956	12 2,855			13 405	477
	1955	61,473	10 11 2,768,691	412,309	12 3,076	22,247		13 349	433
	1958	61,609	10 11 2,743,753	470,088	12 2,986	20,681	1,814.0	12 14 324	318
	1959	60,994	10 11 2,802,981	489,865	12 3,187	20,111		12 385	369
	1960	61,400	10 11 2,912,562	506,127	12 3,083	19,916		12 340	327
Argentina.....	1960	4,973	65,199	21,515	111	1,030	105.4		8.5
Australia.....	1960	7,280	278,232	15,774	69	237	22.9	26.2	8.2
Austria.....	1960	3,175	139,195	8,809		576	29.3	13.8	5.7
Belgium.....	1960	4,285	267,084	11,974	70	1,493	113.8	56.0	13.9
Bolivia.....	1960		4,623	331			0.11		
Brazil.....	1960	a 5,282	b 198,186	b 54,439	a 269	3,459	b 71.3	b 12.6	17 32.8
Bulgaria.....	1960	1,228	28,399	13,605		400		18.1	
Burma.....	1960	285		1,328			19 4.2		
Canada.....	1960	20 9,225	305,443	34,289	20 1,024	817	21 65.9	a 21.4	21.5
Ceylon.....	1960	126	1,503	1,942	56		1.1		
Chile.....	1960	854	34,528	6,140	374	219	d 14.3		1.5
China (Taiwan).....	1960		3,094	11,849	286	400	44.5	1.1	2.0
Colombia.....	1960	d 2,298	b 158,243	b 14,133	33	485	b 4.6	b 1.5	4.9
Costa Rica.....	1960	c 84	2,343	1,101					
Cuba.....	1960	c 888	a 41,133	a 22 11,434	a 31				4.0
Czechoslovakia.....	1960	10 4,479	372,570	18,620		1,950	21 112.7	43.3	16.6
Denmark.....	1960	5,948	100,810	5,965	641	96	9.4	5.4	
Dominican Republic.....	1960	h 63	2,473	826		88	f 0.44		
Ecuador.....	1960	456	17,409	631	48				
Egypt (U.A.R.).....	1960	c 1,205	b 3,012		98	1,185	23 114.0	b 4.1	7.3
El Salvador.....	1960	f 24 213	3,672	854		73	2.2		
Ethiopia.....	1960	23 49	1,792	20 357		59	4.4		
Finland.....	1960	3,851	24,278	27 6,090	73	271	20.2	8.8	1.0
France.....	1960	10 24,423	455,998	44,981	23 657	5,097	21 346.7	157.5	60.6
Germany, Fed. Rep.....	1960	10 22 21,219	20 1,250,196	27 27 52,156	23 743	29 5,909	29 404.1	29 120.5	29 82.3
Greece.....	1960	a 10 1,195	11,492	12,310	a 28 90	410	31.4	5.0	1.8
Guatemala.....	1960	b 141	4,385	1,889					
Haiti.....	1958			363					
Honduras.....	1960	139	a 3,883	a 1,039					
Hungary.....	1960	10 3,161	93,915	15,782	16	567	58.2	10.4	0.77
Iceland.....	1960	115	372		653				
India.....	1960	d 21,735	l 1,030	38,334	1,279	13,714	808.6	14.0	23.9
Indonesia.....	1960	a 25	a 4,676	19,171	831	127	a 6.6		
Iran.....	1960	i 1,653		27 8,260		516			
Iraq.....	1960	991	a 1,157			a 3.0			
Ireland.....	1960	a 2,935	30 80,398	5,228	31 47		4.7	6.5	a 0.44
Israel.....	1960	10 358	5,495	2,565	15	163	11.5	2.6	
Italy.....	1960	a 20 8,623	63,139	27 48,070	31 234	4,607	216.4		89.8
Japan.....	1960	2,080	245,342	125,048	6,826	13,218	31 607.8	147.5	157.4
Jordan.....	1960	f 33		30 946					
Korea, Republic of.....	1960		4,650	14,382	378	475	54.2	2.6	
Lebanon.....	1960		872	1,040		75	a 4.2		
Luxembourg.....	1960	227	11,280						
Mexico.....	1960	c 3,235	225,106	36,453	a 30 210	1,350	55.0	2.4	15.0
Netherlands.....	1960	7,538	93,810	a 27 11,571	a 31 347	1,018	84.0	26.3	38.0
New Zealand.....	1960	5,905	64,724	2,992	a 46			a 5.3	
Nicaragua.....	1960	192	1,080	819					
Norway.....	1960	1,803	23,591	a 27 1,432	1,792	101	a 5.4	8.3	0.77
Pakistan.....	1960	6,990	391	9,946	336	1,941	204.4	3.2	
Panama.....	1960	b 56	5,521	585					
Paraguay.....	1960	b 146	a 1,442	422		21	b 1.1		
Peru.....	1960	435	b 37 29,826	a 2,235	3,893	210			1.5
Philippines.....	1960		a 21,557	a 17,753	525	410	0.9		
Poland.....	1960	13,630	177,845	27 44,066	203	2,601	21 168.9	64.5	23.0
Portugal.....	1960	481	10,012	27 89 6,287	23 89 524	1,097	56.7	12.5	1.0

See footnotes at end of table.

# No. 1253. MILK, BEER, CIGARETTES, FISH, COTTON SPINDLES, AND COTTON, WOOL, AND RAYON YARN—Continued

[See text, p. 910, for general comments concerning quality of the data. Years for which data are shown may vary from column to column and from country to country. Figures which are *not* for the year shown in the "year" column are prefixed by a letter to indicate the year represented as follows: a represents 1959; b, 1958; c, 1957; d, 1956; e, 1955; f, 1954; g, 1953; h, 1952; i, 1951; j, 1950; k, 1949; l, 1948]

COUNTRY	Year	Milk production <sup>1</sup>	Beer production <sup>2</sup>	Cigarette production <sup>3</sup>	Fish catches <sup>4</sup>	Cotton spinning spindles <sup>5</sup>	YARN PRODUCTION		
							Cotton <sup>6</sup>	Wool <sup>7</sup>	Rayon and acetate <sup>8</sup>
		1,000 sh. tons	1,000 gals.	Millions	1,000 sh. tons	1,000	1,000 sh. tons	1,000 sh. tons	1,000 sh. tons
Romania.....	1960	2,327	43,140	<sup>16</sup> 20,600	-----	410	56.9	21.4	3.1
South Africa.....	1960	2,846	<sup>30</sup> 21,134	9,992	<sup>40</sup> 639	198	<sup>b</sup> <sup>41</sup> 4.5	<sup>b</sup> <sup>41</sup> 1.3	-----
Spain.....	1960	2,707	90,602	26,460	<sup>28</sup> <sup>42</sup> 955	2,465	<sup>23</sup> 89.1	14.3	17.6
Sweden.....	1960	4,321	<sup>a</sup> 09,056	6,136	<sup>41</sup> 280	411	<sup>21</sup> 28.4	15.0	8.6
Switzerland.....	1960	3,430	<sup>44</sup> 81,631	10,909	-----	1,159	39.9	0.88	15.3
Syria.....	1960	<sup>a</sup> 175	483	2,240	-----	120	10.7	0.33	<sup>c</sup> 3.5
Thailand.....	1960	-----	-----	<sup>27</sup> 8,507	244	60	<sup>c</sup> <sup>46</sup> 0.44	-----	-----
Tunisia.....	1960	<sup>f</sup> 227	3,778	<sup>a</sup> <sup>27</sup> 2,325	<sup>b</sup> 17	-----	-----	-----	-----
Turkey.....	1960	4,621	8,322	<sup>a</sup> <sup>46</sup> 26,130	<sup>a</sup> 107	793	<sup>a</sup> 102.0	<sup>a</sup> 4.7	0.66
U.S.S.R.....	1960	<sup>a</sup> 68,050	650,917	244,800	3,363	10,800	1,288.6	<sup>a</sup> 234.1	117.5
United Kingdom.....	1960	13,331	1,145,714	<sup>b</sup> <sup>47</sup> 121,149	<sup>28</sup> 1,018	6,886	<sup>21</sup> 314.5	<sup>48</sup> 273.9	93.3
Uruguay.....	1960	862	14,820	-----	<sup>b</sup> 7	135	-----	-----	0.88
Venezuela.....	1960	<sup>c</sup> 416	63,693	<sup>27</sup> 6,840	94	132	8.6	-----	3.1
Viet-Nam, Republic of.....	1960	-----	13,579	-----	<sup>a</sup> 169	-----	-----	-----	-----
Yugoslavia.....	1960	2,770	43,061	20,160	<sup>28</sup> 34	404	55.8	22.7	3.4
World total.....	1960	373,800	10,609,400	<sup>49</sup> 1,839,000	41,600	122,600	-----	-----	1,260

<sup>1</sup> In general, refers to production of milk (cow, sheep, goat, etc.) for consumption fresh or for conversion into butter, cheese, condensed milk, etc. Excludes milk sucked by, but includes milk fed to, young animals.

<sup>2</sup> In general, covers malt liquors (beer, ale, stout, porter, etc.) of varying alcoholic strength. Excludes the production of tax-free malt beverages of very low alcoholic content.

<sup>3</sup> Includes cigarillos, except as noted.

<sup>4</sup> Covers both sea and inland fisheries, in terms of live weight. Includes shellfish; excludes whales, dolphins, etc. Except as noted, includes quantities landed by domestic craft in foreign ports, and excludes quantities landed by foreign craft in domestic ports.

<sup>5</sup> In place as of Dec. 31. For Australia, in place as of June 30. Data relate to three and four cylinder cotton system spinning spindles installed in cotton mills, including a number spinning rayon staple all or part of the time. Includes only ring spindles.

<sup>6</sup> Excludes tire cord yarn, except as noted.

<sup>7</sup> Represents weight of carded and combed (worsted) yarn.

<sup>8</sup> Refers to rayon and acetate filament yarn plus monofilaments.

<sup>9</sup> Excludes Alaska, Hawaii, and Puerto Rico, except as otherwise noted.

<sup>10</sup> Includes Alaska and Hawaii.

<sup>11</sup> For years ending June 30.

<sup>12</sup> Includes Alaska. Beginning 1955, includes Hawaii.

<sup>13</sup> Excludes worsted yarn spun on other systems.

<sup>14</sup> 53 weeks.

<sup>15</sup> Excludes tow converted to top.

<sup>16</sup> Includes milk sucked by young animals.

<sup>17</sup> Sao Paulo only.

<sup>18</sup> Includes cigars.

<sup>19</sup> Factory production only.

<sup>20</sup> Includes Newfoundland.

<sup>21</sup> Includes tire cord yarn.

<sup>22</sup> Home consumption plus exports.

<sup>23</sup> Excludes yarn made from waste.

<sup>24</sup> For fresh consumption only.

<sup>25</sup> Eritrea only.

<sup>26</sup> Excluding Eritrea. Year ending Sept. 30 of year stated.

<sup>27</sup> Excludes cigarillos.

<sup>28</sup> Excludes quantities landed by domestic craft in foreign ports and by foreign craft in domestic ports. France includes Algeria.

<sup>29</sup> Includes the Saar.

<sup>30</sup> Data based on standard barrels of 1,055 specific gravity; actual production greater. April 1 of year stated.

<sup>31</sup> Excludes quantities landed by domestic craft in foreign ports and includes quantities landed by foreign craft in domestic ports.

<sup>32</sup> Excludes milk fed to livestock.

<sup>33</sup> Includes Trieste.

<sup>34</sup> Excludes any yarn with wool content of 10 percent or more.

<sup>35</sup> Sales by factories.

<sup>36</sup> Excludes quantities caught by foreign craft under Mexican permits.

<sup>37</sup> Consumption of domestic beer.

<sup>38</sup> Includes Azores and Madeira.

<sup>39</sup> Excludes native beer.

<sup>40</sup> Excludes Walvis Bay area.

<sup>41</sup> Production for sale only.

<sup>42</sup> Includes Balearic and Canary Islands, Ceuta, and Melilla. Excludes molluscs cultivated in parks and viveros amounting to 75,800,000 short tons.

<sup>43</sup> Excludes fish caught in rivers and lakes.

<sup>44</sup> Sales by breweries.

<sup>45</sup> Government production only.

<sup>46</sup> For domestic sales only. Beginning March 1 of year stated.

<sup>47</sup> Sales. Excludes production in firms employing less than 25 persons.

<sup>48</sup> Weight of wool fiber consumed by spinners of woolen yarn.

<sup>49</sup> Excludes China (mainland) and North Korea.

Source: Statistical Office of the United Nations; Statistical Yearbook.

## No. 1254. GOLD AND FOREIGN EXCHANGE HOLDINGS: 1948 TO 1960

(In millions of U.S. dollars. Data refer to gross holdings of gold and short-term foreign assets of central banks, treasuries, exchange stabilization funds and other official institutions as of end of year, except as noted)

COUNTRY	GOLD HOLDINGS <sup>1</sup>				FOREIGN EXCHANGE HOLDINGS <sup>2</sup>			
	1948	1950	1955	1960	1948	1950	1955	1960
United States	24,399	22,820	21,753	17,804				
Australia	88	88	144	147	<sup>3</sup> 1,177	<sup>3</sup> 1,403	<sup>3</sup> 691	<sup>3</sup> 606
Austria	50	450	71	203	12	4 41	290	404
Belgium	624	587	928	1,170	314	148	219	252
Bolivia	22.7	22.8	0.1	0.0	6.2	6.0	7.1	4.8
Brazil	317	318	323	287	441	348	168	141
Burma					114	119	92	125
Canada	401	580	1,134	885	610	1,100	776	951
Chile	43.4	40.3	44.4	45.1	<sup>5</sup> 0.8	<sup>5</sup> 14.4	41.8	67.9
Colombia	51	74	80	78	32	27	50	76
Costa Rica	2.1	2.1	2.0	2.1	3.1	1.7	17.5	10.0
Cuba	<sup>7</sup> 289	<sup>8</sup> 271	<sup>8</sup> 136	<sup>8</sup> 1	28	147	357	143
Denmark	32	31.5	<sup>9</sup> 133	<sup>9</sup> 255	52	66	( <sup>9</sup> )	( <sup>9</sup> )
Dominican Republic	4.0	4.0	12.1	10.4	10.8	15.3	24.2	15.4
Ecuador	20.6	18.8	22.0	20.0	7.3	18.6	10.8	17.0
Egypt (U.A.R.)	54	98	174	174	1,353	881	407	117
El Salvador	14.5	23.0	28.4	30.0	15.2	17.9	10.3	3.1
Finland	6	12	35	41	93	72	183	284
France			942	1,611	205	274	970	429
Germany, Fed. Rep. of			920	2,971	205	274	2,015	3,766
Greece	6	2	11	76	183	186	190	147
Guatemala	27.2	27.2	27.2	23.6	18.8	10.1	27.1	26.7
Honduras	0.1	0.1	0.1	0.1	2.3	10.5	19.6	13.2
Iceland	1.0	1.0	1.0	1.0	12.0	7.2	12.6	16.9
India	256	247	247	247	3,090	1,752	1,619	423
Indonesia	178	209	81	58	29	147	226	280
Iran	<sup>10</sup> 140	<sup>10</sup> 139	138	180	<sup>10</sup> 134	<sup>10</sup> 113	67	53
Iraq			8	18	130	117	285	156
Ireland	17	17	18	18	192	228	313	293
Italy	96	256	352	2,203	443	622	<sup>11</sup> 815	<sup>11</sup> 876
Japan	<sup>12</sup> 3	<sup>12</sup> 7	23	247		<sup>12</sup> 557	746	1,577
Lebanon	2	20	74	119	72	<sup>12</sup> 10	13	18
Mexico	42	208	142	136	36	84	276	256
Netherlands	167	311	865	1,451	176	295	358	291
New Zealand	28	20	33	35	214	143	144	142
Nicaragua	2.9	2.8	2.8	0.4	0.2	0.3	11.1	8.6
Norway	<sup>13</sup> 53	<sup>13</sup> 50	<sup>13</sup> 45	<sup>13</sup> 30	88	72	120	252
Pakistan	14	27	48	52	<sup>14</sup> 785	<sup>14</sup> 480	<sup>14</sup> 349	<sup>14</sup> 363
Paraguay	0.2	0.2	0.2	0.1	<sup>15</sup> 6.2	<sup>15</sup> 12.3	5.4	0.9
Peru	20.0	31.0	34.9	42.4	24.3	22.6	17.0	25.2
Philippines	1	3	16	15	398	292	140	105
Portugal	236	192	428	552	273	279	302	242
South Africa	128	197	212	178	170	279	154	66
Spain	111	61	132	178			93	412
Sweden	81	90	276	170	152	199	<sup>16</sup> 194	<sup>16</sup> 320
Switzerland	1,387	1,470	1,597	2,185	273	109	250	139
Thailand	78	118	112	104	139	170	189	256
Turkey	162	150	144	134	30	65	64	118
United Kingdom <sup>17</sup>	1,856	3,300	2,050	2,800			70	431
Uruguay <sup>18</sup>	164	236	216	180	<sup>18</sup> 77	<sup>18</sup> 76	20	7
Venezuela	323	373	403	398	55	1	122	160
Yugoslavia		9	16	4		9	13	9

<sup>1</sup> Excludes gold used in payment of a country's subscriptions to International Monetary Fund or International Bank for Reconstruction and Development. Reported in United States dollars at \$35 per fine troy ounce.

<sup>2</sup> Foreign exchange holdings ordinarily include foreign currencies, bank deposits abroad, payment and clearing agreement balances, and short-term foreign bills and securities (generally those with an original maturity of 1 year or less) and, in those instances where information is available, foreign investments held by official institutions. Excludes subscriptions to International Monetary Fund, drawing rights in EPU or the EF, undrawn portions of foreign loans, and similar rights to incur foreign debts. Holdings have been converted into U.S. dollar equivalents at par value or, in absence of a par value, at official exchange rate.

<sup>3</sup> Includes holdings of cheque-paying banks. <sup>4</sup> Estimated.

<sup>5</sup> Includes net payments agreements balances.

<sup>6</sup> Excludes small amounts held by the Amortization Fund. <sup>7</sup> Treasury holdings.

<sup>8</sup> Holdings of the National Bank. <sup>9</sup> Foreign exchange holdings included with gold holdings.

<sup>10</sup> Figures relate to March 20 of the following year.

<sup>11</sup> Foreign exchange holdings comprise mainly convertible currencies. <sup>12</sup> Government holdings only.

<sup>13</sup> Excludes Government holdings. <sup>14</sup> Includes the State Bank's unsettled claim on India.

<sup>15</sup> Monetary Department of Bank of Paraguay. <sup>16</sup> Reported on a net basis.

<sup>17</sup> Includes convertible currencies (prior to 1953, U.S. and Canadian dollars only).

<sup>18</sup> Beginning 1951, revised foreign exchange system. <sup>19</sup> Net holdings.

Source: Statistical Office of the United Nations; *Statistical Yearbook*.

## No. 1255. FOREIGN EXCHANGE RATES: 1961

[National currency units per U.S. dollar. As of June 30. Selling or import rates are the rates at which monetary authorities, including banks, sell foreign exchange for national currency to those making payments abroad. Buying or export rates are the rates at which the authorities buy foreign exchange from those earning it. Free rates are those that fluctuate to some extent in response to private purchases and sales]

COUNTRY	Monetary unit	Exchange rate	COUNTRY	Monetary unit	Exchange rate
Argentina: Official and free...	Peso.....	82.71	Jordan:		
Australia: Selling.....	Pound.....	4.507	Official rate.....	Dinar.....	3.587
Austria: Selling.....	Schilling.....	25.98	Arab league trade rate.....	do.....	3.610
Belgium-Luxembourg: Midpoint rate.....	France.....	49.82	Korea, Rep. of: Official.....	Hwan.....	1,300
Bolivia: Selling.....	Boliviano.....	11,885	Laos: Official.....	Kip.....	80.00
Brazil: Free rate.....	Cruzeiro.....	261.52	Lebanon:		
Burma: Selling.....	Kyat.....	4.805	Official rate.....	Pound.....	2.19
Canada: Selling.....	Dollar.....	1.035	Free rate for U.S. dollar.....	do.....	3.09
Ceylon: Selling.....	Rupee.....	4.798	Mexico: Buying.....	Peso.....	12.49
Chile: <sup>1</sup> Selling rate.....	Eseudo.....	1.053	Morocco: Official.....	Dirham.....	5.06
China (Taiwan): Buying and selling rates.....	New Taiwan dollar.....	40.04	Netherlands: Midpoint rate.....	Guilder.....	3.592
Colombia:			New Zealand: Selling.....	Pound.....	3.635
Office export rate.....	Peso.....	5.76	Nicaragua:		
Other export rate.....	do.....	8.17	Selling rate.....	Córdoba.....	7.05
Principal selling rate.....	do.....	6.70	Principal buying rate.....	do.....	7.00
Free rate.....	do.....	8.36	Free rate.....	do.....	7.40
Costa Rica:			Nigeria: Selling.....	Pound.....	3.587
Principal export rate.....	Colón.....	5.60	Norway: Selling.....	Krone.....	7.18
Import rates.....	do.....	5.67-6.65	Pakistan: Selling.....	Rupee.....	4.805
Cuba: Official.....	Peso.....	1.00	Paraguay: Export and import.....	Guaraní.....	126.00
Denmark: Selling.....	Krone.....	6.939	Peru: Principal rate and other rates.....	Sol.....	26.81
Dominican Republic: Par value.....	Peso.....	1.00	Philippines: Selling.....	Peso.....	2.015-3.45
Ecuador:			Portugal: <sup>4</sup> Selling.....	Eseudo.....	20.01
Official selling rate.....	Sucre.....	15.15	Saudi Arabia: Official.....	Riyal.....	4.50
Free rate.....	do.....	21.24	South Africa: <sup>6</sup> Selling.....	Rand.....	7.205
Egypt (U.A.R.): Selling.....	Pound.....	3.524	Spain: Export and import.....	Peseta.....	60.45
El Salvador: Par value.....	Colón.....	2.50	Sudan: Official.....	Pound.....	3.482
Ethiopia: Selling.....	Dollar.....	2.525	Sweden: Selling.....	Krona.....	5.170
Fed. of Malaya: <sup>2</sup> Selling.....	do.....	3.07	Switzerland: Buying.....	Franc.....	4.315
Finland: Selling.....	Markka.....	321.8	Syria: Selling.....	Pound.....	3.58
France: <sup>3</sup> Midpoint rate.....	New Franc.....	4.900	Thailand:		
Germany, Fed. Rep. of: Midpoint rate.....	D. Mark.....	3.977	Selling rates.....	Baht.....	21.04
Ghana: Selling.....	Pound.....	3.587	Buying rates.....	do.....	20.85
Greece: Official.....	Drachma.....	30.00	Tunisia: Official.....	Dinar.....	42
Guatemala: Selling.....	Quetzal.....	1.0075	Turkey:		
Haiti: Par value.....	Gourde.....	5.00	Export rates.....	Lira.....	9.00
Honduras: Selling.....	Lempira.....	2.02	Import rates.....	do.....	9.04
Hong Kong:			Tourist rate.....	do.....	9.00
Official selling rate.....	Dollar.....	5.81	United Kingdom: <sup>5</sup> Selling.....	Pound.....	3.587
Free rate.....	do.....	5.82	Uruguay: Export and import and free rates.....	Peso.....	11.03
Iceland: Selling.....	Króna.....	38.10	Venezuela:		
India: Selling.....	Rupee.....	4.800	Petroleum exports.....	Bolívar.....	3.05-3.09
Indonesia:			Other export rate.....	do.....	2.33
Principal export rates.....	Rupiah.....	45.0	Import rate.....	do.....	3.35
Principal import rates.....	do.....	45.0-72.0	Viet-Nam, Rep. of:		
Other import rates.....	do.....	200.0	Principal rate.....	Plastre.....	35.00
Iran:			Invisible rate.....	do.....	73.50
Selling rates.....	Rial.....	76.50	Yugoslavia:		
Buying rates.....	do.....	75.00	Official rate.....		
Iraq: Par value.....	Dinar.....	3.571	Settlement rate for U.S. dollar.....	{ Dinar.....	750
Ireland: Selling.....	Pound.....	3.587			
Israel: Official.....	do.....	1.80			
Italy: Selling.....	Lira.....	620.6			
Japan: Selling.....	Yen.....	361.8			

<sup>1</sup> A new monetary unit, the Eseudo, equal to 1,000 Pesos, was established Jan. 1, 1960.

<sup>2</sup> Also applies to Brunei, North Borneo, Sarawak, and Singapore.

<sup>3</sup> The "New Franc," equal to 100 francs, was established Jan. 1, 1960. Also applies to Algeria, French Antilles, and French Guiana.

<sup>4</sup> Also applies to Angola and Mozambique.

<sup>5</sup> The Rand, equal to one half the former South African pound, was established February 14, 1961. 1 rand=100 cents (S.A.).

<sup>6</sup> Also applies to Bahama Islands, Bermuda, Falkland Islands, Gibraltar, and Malta.

Source: Statistical Office of the United Nations; *Statistical Yearbook*.

## No. 1256. TRANSPORTATION—SHIPPING, RAILWAY TRAFFIC, CIVIL AVIATION, AND MOTOR VEHICLES

[See text, p. 910, for general comments concerning quality of the data. Years for which data are shown may vary from column to column and from country to country. Figures which are not for the year shown in the "year" column are prefixed by a letter to indicate the year represented, as follows: a represents 1960; b, 1959; c, 1958; d, 1957; e, 1956; f, 1955; g, 1954; h, 1953; i, 1952; j, 1951; k, 1950]

COUNTRY	Year	SHIPPING				RAILWAY TRAFFIC <sup>4</sup>		Civil aviation: Miles flown <sup>5</sup>	Motor vehicles in use <sup>6</sup>
		Merchant shipping fleets <sup>1</sup>	Vessels entered <sup>2</sup>	Freight loaded <sup>3</sup>	Freight un- loaded <sup>3</sup>	Pas- senger miles	Short ton miles		
		1,000 gross tons	1,000 net tons	1,000 short tons	1,000 short tons	1,000,000	1,000,000		
United States <sup>7</sup>	1950	27,513	66,792	107,043	101,451	31,790	591,550	471,617	12,49,182
	1960	24,837	126,310	123,007	1210,773	21,261	572,216	13,997,941	12,14,72,925
	1961	24,238							
Argentina	1961	1,195	15,11,044	16,17,10,199	16,17,11,387	a 8,339	a 10,366	a 20,395	b 795
Australia	1961	593	a 12,447	a 18,12,425	a 18,10,782		a 19,8,018	a 60,403	a 123,212,732
Austria	1960					22,4,110	23,6,397	1,931	12,21,482
Belgium	1961	713	a 37,869	a 18,790	a 27,256	a 5,329	a 4,356	a 20,282	a 23,927
Bolivia	1960					d 147	d 205	2,360	12,39
Brazil	1961	1,201	b 15,24,43,459	a 25,23,11,693	a 25,25,17,207	a 9,090	a 37,8,691	a 75,403	b 938
Bulgaria	1960		2,284	942	1,609	2,247	4,782		
Burma	1960		1,928	2,694	1,090	949	27,532	2,156	37
Canada	1961	28,1,669	a 29,38,746	a 29,50,491	a 29,39,026	a 2,264	a 65,445	a 75,313	a 12,23,375,101
Ceylon	1960		6,207	807	4,433	1,065	213	1,407	12,23,120
Chile	1961	258	a 18,4,495	a 16,17,7,769	a 16,17,3,578	a 31,1,184	a 31,3,338	a 8,381	a 120
China									
(Taiwan)	1961	373	a 16,6,882	a 2,120	a 3,092	a 33,2,243	a 27,33,1,406	a 1,599	a 19
Colombia	1960		16,9,045	6,203	1,261	372	511	23,068	a 173
Costa Rica	1960	92	16,2,303	352	480	35	33		12,30,33
Cuba	1960		24,10,448	f 6,439	f 5,884	e 39,173	d 39,754	5,305	c 211
Czechoslovakia	1960					12,014	87,32,471	7,671	k 230
Denmark	1961	2,307	b 33,39,19,300	a 39,4,630	a 39,20,283	a 2,087	a 964	a 40,10,293	a 578
Dominican Republic	1960		1,270	3,365	550	e 70	e 73	3,449	b 17
Ecuador	1960	b	5,810	23,29,1,233	23,29,311	e 70	e 73	3,449	b 28
Egypt (U.A.R.)	1961	201	a	5,901	a 7,010	d 41,2,588	d 41,1,136	a 43,6,108	b 21,847
El Salvador	1960		1,289	155	402				b 26
Ethiopia	1960		16,33,44,2,415	43,44,263	43,44,263	45,33	27,45,111	3,531	45,24
Finland	1961	854	a 6,287	11,464	a 9,904	a 1,456	a 3,338	7,143	a 256
France	1961	5,117	a 61,365	20,989	a 60,088	a 19,909	a 35,964	78,458	a 31,477,184
Germany, Fed.									
Rep. of	1961	4,771	a 49,978	a 10,18,632	a 10,64,121	a 22,49,23,974	a 22,49,38,856	a 20,937	a 49,515,066
Greece	1961	5,439	a 16,33,9,697	a 2,544	a 4,988	a 840	a 53,249	a 5,051	a 47,80
Guatemala	1960	b	3,584	d 614	b 672		15,185		33
Haiti	1959	c	12,163	c 507	c 298				11
Honduras	1961	120		a 632	a 291				k 32
Hungary	1960					27,8,901	21,9,135		b 220
Iceland	1961	109		a 326	a 720			a 4,294	a 52
India	1961	955	a 14,512	d 16,34,550,1,57	d 43,65,18,707	b 46,304	b 47,843	a 25,078	a 12,20,520
Indonesia	1961	274	a 10,17,617,692	a 16,17,3,454	a 4,118	b 41,118	b 716	a 5,841	a 12,64,196
Iran	1960		16,57,58,414	57,33,306	57,1,007	b 1,241	b 1,473	3,030	a 136
Iraq	1960	b	3,714	b 323	b 1,240	b 408	b 69	1,486	a 44,47,220
Ireland	1961	145	a 8,248				a 60,236	a 6,611	a 53
Israel	1961	388	a 12,602	a 1,300	a 2,243	a 217	a 151	a 5,456	a 63
Italy	1961	5,319	b 38,450	a 12,818	a 65,349	a 41,17,044	a 41,50,10,798	a 23,037	a 21,23,2,451
Japan	1961	7,954	a 16,52,322	a 61,12,185	a 61,90,681	a 99,183	a 36,890	a 18,184	a 1,705
Korea, Re- public of	1960		15,5,120	445	59,2,740	a 3,066	a 2,085	559	12,47,31
Lebanon	1961	548	a 19,63,4,420	a 18,63,309	a 43,63,1,691	a 3	a 25	a 8,581	a 54
Liberia	1961	10,930	a 3,105	a 3,420	a 410				k 1
Luxembourg	1960					143	84,459		b 42
Mexico	1961	177	a 2,291	a 4,632	a 1,220	a 2,677	a 27,83,0,542	a 38,220	a 12,829
Netherlands	1961	4,910	a 66,580	a 10,65,27,238	a 10,65,89,188	a 4,706	a 36,2,356	a 47,708	a 12,47,700
New Zealand	1961	234	a 3,800	a 2,195	a 5,747		a 16,1,349	a 11,918	a 21,641
Nicaragua	1960	b	12,223	b 327	b 326		37	10	34,14
Norway	1961	12,025	a 8,462	a 16,21,464	a 16,10,289	a 67,1,077	a 1,037	a 40,12,347	a 369
Pakistan	1961	288	a 8,362	a 1,894	a 6,845	a 6,857	a 27,5,627	a 5,981	a 12,76
Panama	1961	4,049							a 24,24
Paraguay	1959								12,6
Peru	1961	136	b 15,43,19,289	a 17,23,64,8,893	a 17,23,1,781	b 161	b 27,258	a 63,5,173	a 144
Philippines	1961	317	b 7,598	b 5,937	b 4,093	b 51	b 59,63,148	a 8,306	b 12,140
Poland	1961	747	a 6,210	a 10,64,12,721	a 10,11,380	a 19,226	a 27,45,591	a 3,664	a 238
Portugal	1961	677	a 10,6,623	a 16,25,9,956	a 16,25,5,018	a 1,354		a 6,659	a 21,31,792,20
South Africa	1961	261	b 71,13,446	b 21,5,534	b 71,8,580		a 72,21,140	a 9,893	a 12,20,31,022
Spain	1961	1,958	b 72,18,226	b 73,8,374	b 73,15,594	a 874,4,561	a 74,75,4,150	a 16,241	a 7,431
Sweden	1961	3,996	a 31,13,059	a 20,028	a 26,722	a 3,223	a 7,486	a 40,19,202	a 12,1,202
Switzerland	1961	168				a 4,873	a 15,27,2,977	a 18,881	a 12,570
Syria	1960		b 15,21,43,2,908	a 26,063	a 11,482		73	(12)	31
Thailand	1960		77,3,652	77,2,916	77,2,215	a 1,462		a 2,164	a 38
Turkey	1961	668	a 4,870	a 78,2,444	a 78,3,080	a 2,782	a 2,900	a 5,042	a 114
U.S.S.R.	1961	4,066		b 16,33,219	b 16,5,149	a 106,130	a 10,1,030,428		
United Kingdom	1961	21,465	a 91,626	a 91,36,341	a 91,140,514	a 82,21,647	a 27,82,20,888	a 82,129,344	a 31,91,7,020

See footnotes at end of table.

# No. 1256. TRANSPORTATION—SHIPPING, RAILWAY TRAFFIC, CIVIL AVIATION, AND MOTOR VEHICLES—Continued

[See text, p. 910, for general comments concerning quality of the data. Years for which data are shown may vary from column to column and from country to country. Figures which are *not* for the year shown in the "year" column are prefixed by a letter to indicate the year represented, as follows: a represents 1960; b, 1959; c, 1958; d, 1957; e, 1956; f, 1955; g, 1954; h, 1953; i, 1952; j, 1951; k, 1950]

COUNTRY	Year	SHIPPING				RAILWAY TRAFFIC <sup>1</sup>		Civil aviation; Miles flown <sup>2</sup>	Motor vehicles in use <sup>3</sup>
		Mer- chant shipping fleets <sup>4</sup>	Vessels entered <sup>5</sup>	Freight loaded <sup>6</sup>	Freight un- loaded <sup>7</sup>	Pas- senger- miles	Short ton miles		
		1,000 gross tons	1,000 net tons	1,000 short tons	1,000 short tons	1,000,000	1,000,000	1,000	1,000
Uruguay.....	1960	b 70		a 16 177, 429	a 16 2, 475	a 16	a 14	a 2, 002	a 49
Venezuela.....	1961	324						a 14, 461	a 363
Viet-Nam, Rep. of.....	1960		15 43 50 3, 088	50 956	50 1, 806	337	97	a 3, 118	a 12 57
Yugoslavia.....	1961	832	a 3, 564	a 10 2, 864	a 10 4, 448	a 6, 492	a 9, 517	a 3, 117	a 21 47 93
World total....	1961	135, 916		a 1 1, 202, 000	a 1 2, 202, 000	a 2	a 182, 000	a 1, 926, 200	a 120, 870

<sup>1</sup> Figures relate to merchant fleets on June 30. They are given in gross registered tons (see text, p. 589). Only vessels of 100 gross tons and over are included. Excludes vessels without mechanical means of propulsion, but includes sailing vessels with auxiliary power. Excludes ships trading on Caspian Sea, not entered in Lloyd's register.

<sup>2</sup> In general, represents sum of net registered tonnage (see text, p. 589) of seagoing foreign and domestic merchant vessels (power and sailing) entered with cargo from a foreign port and refers to only one entrance for each foreign voyage. Excludes, if possible, "in ballast," i. e. entering without unloading goods.

<sup>3</sup> 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 in question. Excludes bunkers, ships' stores, ballast, and transshipment (goods transhipped from an importing vessel to an exporting vessel). Includes goods unloaded into or loaded from bonded warehouse.

<sup>4</sup> Relates to domestic and international traffic on all railway lines within each country shown except railways entirely within an urban unit and plantation, industrial, mining, funicular and cable railways. Passenger miles include all passengers except military, government, and railway personnel when carried without revenue; ton miles relate to freight net ton miles and include all goods whether carried by fast or ordinary trains except service traffic, mail, baggage and nonrevenue government stores.

<sup>5</sup> 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.

<sup>6</sup> For years in which a census of registration took place, census or registration figure is shown; for other years officially estimated number of vehicles in use is shown. Includes passenger cars and commercial vehicles. Excludes 2- or 3-wheeled cycles and motorcycles, trams, trolley buses, ambulances, hearses, military vehicles, police and special purpose or government security vehicles, trailers, and farm tractors.

<sup>7</sup> Excludes Alaska and Hawaii except as otherwise noted. Includes Great Lakes.

<sup>8</sup> U.S. customs area. Includes Great Lakes international traffic; includes Alaska, Hawaii, Puerto Rico.

<sup>9</sup> Includes transshipments. Excludes import shipments on Army and Navy transports.

<sup>10</sup> Includes police and government security organization vehicles. Includes Alaskan airlines.

<sup>11</sup> Excludes Alaska and Hawaii.

<sup>12</sup> Includes vessels in ballast. Excludes transit traffic and packing. For Norway, includes Swedish iron ore. Excludes reexports.

<sup>13</sup> Includes mail and passengers' baggage.

<sup>14</sup> Government railways. Includes ambulances and hearses. Australia and India include special purpose vehicles. Canada includes trolley buses, military, and special purpose vehicles. Excludes tractor and semitrailer combinations. Federal railways. Excludes vehicles exempt from taxation.

<sup>15</sup> All entrances counted. Excludes transit traffic, packing, and certain government goods.

<sup>16</sup> Includes goods imported and exported other than by sea.

<sup>17</sup> Includes service traffic. Brazil excludes small parcels. Includes vessels trading on Great Lakes (1,110,000 gross tons).

<sup>18</sup> Principal railways. Gross tons miles.

<sup>19</sup> Includes plantation, industrial, and mining railways.

<sup>20</sup> Excludes government vehicles.

<sup>21</sup> Ferrocarril del Norte only. Class I railways.

<sup>22</sup> Includes nonrevenue traffic.

<sup>23</sup> Excludes international ferry traffic.

<sup>24</sup> Excludes traffic with Faeroe Islands and Greenland.

<sup>25</sup> Includes apportionment of international operations of Scandinavian Airways System.

<sup>26</sup> State railways. Syria included with Egypt (U.A.R.).

<sup>27</sup> Includes coastwise shipping.

<sup>28</sup> Ports of Massawa and Assab.

<sup>29</sup> Includes French Somaliland portion of Djibouti-Addis Ababa line.

<sup>30</sup> Includes data for Eritrea.

<sup>31</sup> Excludes diplomatic vehicles. Excludes occupation traffic.

<sup>32</sup> Beginning 1960, includes the Saar.

<sup>33</sup> Includes trolley buses. Includes vehicles temporarily not in circulation.

<sup>34</sup> Port of Piræus only.

<sup>35</sup> Includes government traffic. Greece includes military.

<sup>36</sup> Includes bunkers and/or ships' stores.

<sup>37</sup> Ports of Bombay, Calcutta and Madras.

<sup>38</sup> Includes military vehicles, hearses, and 3-wheeled vehicles and ambulances.

<sup>39</sup> Includes Caspian Sea traffic.

<sup>40</sup> Excludes tankers and petroleum.

<sup>41</sup> Excludes livestock.

<sup>42</sup> Excludes minor railways.

<sup>43</sup> Excludes military and charity goods and transit traffic.

<sup>44</sup> Includes imports and exports by air, parcel post, and trade in ships delivered as goods without being loaded on other ships.

<sup>45</sup> Excludes civilian aid goods (582,000 tons) in 1959.

<sup>46</sup> Port of Beirut only. Excludes livestock and petroleum loaded in Sidon and Tripoli (23.5 million tons).

<sup>47</sup> Excludes livestock and express parcels.

<sup>48</sup> Includes floating appliances when delivered without being loaded on ships.

<sup>49</sup> Full carloads only.

<sup>50</sup> Excludes suburban railways.

<sup>51</sup> Includes non-revenue and nonscheduled flights.

<sup>52</sup> Excludes fast freight.

<sup>53</sup> Excludes Azores and Madeira Islands.

<sup>54</sup> Includes data for South-West Africa.

<sup>55</sup> Includes Buchanaland-Mahalapye line.

<sup>56</sup> Includes traffic with colonies and dependencies.

<sup>57</sup> National railways.

<sup>58</sup> Includes weight of mail and mail cars.

<sup>59</sup> Includes Balearic Islands, Ceuta, and Melilla.

<sup>60</sup> Bangkok.

<sup>61</sup> Excludes timber and livestock.

<sup>62</sup> May include service traffic.

<sup>63</sup> Excludes 607,000 tons registered in British Colonies and dependencies, excluding Hong Kong.

<sup>64</sup> Excludes packing.

<sup>65</sup> Includes non-sea exports and imports between Ireland (Rep.) and Northern Ireland.

<sup>66</sup> British Railways.

<sup>67</sup> Includes data for airlines based in territories and dependencies.

<sup>68</sup> Excludes Northern Ireland.

<sup>69</sup> Includes watering and cleansing vehicles and tower wagons.

<sup>70</sup> Commercial vehicles only.

<sup>71</sup> Saigon only.

<sup>72</sup> Excludes China (mainland), U.S.S.R., and other countries which were not members of International Civil Aviation Organization as of Dec. 31, 1961.

<sup>73</sup> Excludes Albania, Bulgaria, China (mainland), Czechoslovakia, Eastern Germany, Hungary, North Korea, North Viet-Nam, Romania, and U.S.S.R.

<sup>74</sup> Source: Statistical Office of the United Nations; Statistical Yearbook.

# No. 1257. COMMUNICATIONS—TELEPHONES, TELEGRAMS, MAIL, NEWSPAPERS, RADIO, AND TELEVISION

[See text, p. 910, for general comments concerning quality of the data. Years for which data are shown may vary from column to column and from country to country. Figures which are not for the year shown in the "year" column are prefixed by a letter to indicate the year represented, as follows: a represents 1959; b, 1958; c, 1957; d, 1956; e, 1955; f, 1954; g, 1953; h, 1952; i, 1951; j, 1950; k, 1949; l, 1948; m, 1947; n, 1946]

COUNTRY	Year	Tele- phones in use <sup>1</sup>	Tele- grams sent, do- mestic <sup>2</sup>	Letters sent, do- mestic <sup>3</sup>	DAILY NEWSPAPERS <sup>4</sup>			RADIO		Tele- vision receiving sets <sup>5</sup>
					Number	Circulation		Trans- mitting sta- tions <sup>7</sup>	Receiv- ing sets <sup>8</sup>	
						Total <sup>6</sup>	Copies per 1,000 popu- lation <sup>6</sup>			
		1,000	1,000	1,000,000		1,000			1,000	1,000
United States <sup>10</sup>	1950	43, 064	<sup>11</sup> 175, 077	<sup>12</sup> 45, 064				<sup>13</sup> 4, 195		
	1955	56, 243	<sup>11</sup> 153, 179	<sup>12</sup> 55, 234	<sup>14</sup> 1, 765	<sup>15</sup> 55, 072	<sup>16</sup> 339	<sup>17</sup> 3, 330	<sup>18</sup> 138, 700	<sup>19</sup> 36, 900
	1960	<sup>10</sup> 74, 341	<sup>11</sup> 113, 247	<sup>12</sup> 62, 072	<sup>14</sup> 17, 175	<sup>15</sup> 58, 300	<sup>16</sup> 328	<sup>17</sup> 3, 717	<sup>18</sup> 170, 000	<sup>19</sup> 53, 600
Afghanistan	1960	8			2	62	5	b	<sup>15</sup> 20	
Albania	1958				12	68	45	a	43	
Argentina	1960	1, 296	22, 316	1, 305	a 233	a 3, 186	a 155	b 78	a <sup>15</sup> 3, 350	<sup>19</sup> 450
Australia	1960	2, 164	19, 400	1, 698	b 54	b 3, 745	b 380	b 163	2, 284	1, 122
Austria	1960	701	2, 297	698	38	1, 470	208	b 84	1, 077	193
Belgium	1960	1, 137	3, 200	2, 091	a 47	a 2, 500	a 275	b 12	2, 428	618
Bolivia	1960	24			a 6	a 116	a 34	c	<sup>15</sup> 250	
Brazil	1960	1, 023		a 2, 286	a 252	a 3, 805	a 60	e 593	a <sup>15</sup> 4, 570	<sup>19</sup> 1, 200
Bulgaria	1960	i 54	m 5, 575	m 528	12	1, 514	192		<sup>15</sup> 1, 431	<sup>19</sup> 5. 0
Burma	1960	13	866	12	39	247	12	b	1	115
Cambodia	1960	3 a	52 g	1	9	28	6 e	1	<sup>15</sup> 32	
Canada	1960	5, 433	<sup>10</sup> 13, 247	3, 579	a <sup>20</sup> 107	a <sup>20</sup> 3, 867	a <sup>20</sup> 222	b 275	<sup>15</sup> 8, 050	<sup>19</sup> 3, 930
Ceylon	1960	37 a	4, 400	287 b	7 b	21 189	b 21 20	c 2	a <sup>15</sup> 279	
Chile	1960	193	6, 479 a	139 a	45 a	958 a	128 b	119 b	a <sup>15</sup> 700	
China (Taiwan)	1960	98 m	<sup>22</sup> 18, 424	354 a	30 a	580 a	49		a <sup>15</sup> 445	
Colombia	1960	295		58 a	39 a	742 a	54		<sup>16</sup> 1, 971	<sup>19</sup> 150
Costa Rica	1960	16			a 6	a 114	a 101	d 38	<sup>15</sup> 75	
Cuba	1960	202			d 58	d 796	d 129	c 160	<sup>18</sup> 1, 100	<sup>19</sup> 500
Czechoslovakia	1960	1, 016	m 5, 368	n 801	21	3, 216	236	m 15	3, 530	795
Denmark	1960	1, 072	<sup>23</sup> 1, 048	480 b	145 b	<sup>24</sup> 1, 614	b <sup>24</sup> 357	b 21	1, 523	542
Dominican Re- public	1960	20			a 5	a 73	a 25	b 50	a <sup>15</sup> 98	<sup>19</sup> 16
Ecuador	1960	29			a 23	a 226	a 54	b 54	<sup>15</sup> 170	
Egypt (U.A.R.)	1960	245	3, 703	221 b	46 b	500 b	20 b	29	1, 500	50
El Salvador	1960	16 g	2, 595	5, 966 b	12 b	116 b	48		a <sup>15</sup> 40	<sup>19</sup> 30
Ethiopia	1960	12	146 c	<sup>25</sup> 1 d	5 d	10 d	1 b	<sup>26</sup> 1 a	<sup>15</sup> 85	
Finland	1960	607	682	278	64	1, 697	358 b	32	1, 228	93
France	1960	4, 358	<sup>27</sup> 14, 479	5, 733 a	116 a	10, 911 a	243 b	<sup>28</sup> 51	10, 981	1, 902
Germany, Fed. Rep. of	1960	5, 994	<sup>29</sup> 19, 512	<sup>30</sup> 7, 730	<sup>31</sup> 32 473	<sup>31</sup> 33 17, 044	<sup>31</sup> 33 307	b 312	<sup>34</sup> 10, 442	<sup>34</sup> 4, 635
Greece	1960	a 148	4, 615	184 a	70 a	1, 000 a	125 b	18 a	743	
Guatemala	1960	18			7	117	31	j	20	<sup>15</sup> 35
Haiti	1960	4 i	217		a 6	a 35	a 10	h 17	21	<sup>15</sup> 1. 8
Honduras	1960	6 i	2, 401		a 6	a 46	a 25	a	45	<sup>15</sup> 2. 6
Hungary	1960	243 a	<sup>35</sup> 6, 917	532 a	23 a	1, 319 a	132		2, 224	104
Iceland	1960	40	279	12	5	77	439 e	4	50	
India	1960	437 c	<sup>38</sup> 28, 324	a 3, 378	<sup>36</sup> 465	<sup>36</sup> 37 4, 610	<sup>36</sup> 27 11 c	20	2, 148	
Indonesia	1960	122 b	3, 199	214 b	95 b	962 b	11 b	31 a	816	
Iran	1960	106 j	4, 825 d	125 a	24 a	301 a	5	c	<sup>15</sup> 800	<sup>15</sup> 38
Iraq	1960	54 g	365 j	17 c	16 c	66 c	10		100	<sup>15</sup> 35
Ireland	1960	160	680 a	249	8	691	244 b	3	494	<sup>15</sup> 75
Israel	1960	118	671	98 c	28 c	407 c	210 c	8 a	400	
Italy	1960	3, 655	35, 166	4, 867 b	109 b	5, 000 b	103 b	539	8, 005	2, 124
Japan	1960	5, 527	89, 625	<sup>38</sup> 6, 796	<sup>39</sup> 148	37, 039	397 b	297	14, 635	5, 992
Korea, Republic of	1960	199		a 132	b 42	b 1, 300	b 57	h 13	<sup>15</sup> 1, 009	<sup>15</sup> 8
Lebanon	1960	60	138	12 a	46 a	153 a	97		100	<sup>15</sup> 8
Liberia	1959				1	1	1		<sup>15</sup> 50	
Libya	1960	15		4 a	4 a	9 a	7	c	25 e	<sup>15</sup> 0. 3
Luxembourg	1960	51	183	41 a	5 a	102 a	500 b	3	98	<sup>15</sup> 7. 2
Mexico	1960	523 b	<sup>23</sup> 371	632	172	2, 712	79 b	417 a	<sup>16</sup> 3, 120	<sup>15</sup> 650
Netherlands	1960	1, 613	2, 290	1, 841 a	65 a	3, 148 a	277 b	9	3, 126	801
New Zealand	1960	745	7, 655	490 a	42 a	903 a	387 b	34	580	3. 4
Nicaragua	1960	8			a 8	a 94	66		<sup>15</sup> 35 a	<sup>15</sup> 6
Nigeria	1960	<sup>40</sup> 42		<sup>40</sup> 63 b	20 b	239 b	8 b	8	<sup>15</sup> 40 143	<sup>15</sup> 1. 0
Norway	1960	724	3, 441	372	82	1, 353	377 b	37	1, 022	49
Pakistan	1960	80 a	3, 980	541 e	80 e	723 e	9 b	9 a	250	

See footnotes at end of table.

# No. 1257. COMMUNICATIONS—TELEPHONES, TELEGRAMS, MAIL, NEWSPAPERS, RADIO, AND TELEVISION—Continued

[See text, p. 910, for general comments concerning quality of the data. Years for which data are shown may vary from column to column and from country to country. Figures which are *not* for the year shown in the "year" column are prefixed by a letter to indicate the year represented, as follows: a represents 1959; b, 1958; c, 1957; d, 1956; e, 1955; f, 1954; g, 1953; h, 1952; i, 1951; j, 1950; k, 1949; l, 1948; m, 1947; n, 1946]

COUNTRY	Year	Tele- phones in use <sup>1</sup>	Tele- grams sent, do- mestic <sup>2</sup>	Letters sent, do- mestic <sup>3</sup>	DAILY NEWSPAPERS <sup>4</sup>			RADIO		Tele- vision receiving sets <sup>9</sup>
					Num- ber	Circulation		Trans- mitting sta- tions <sup>7</sup>	Receiv- ing sets <sup>8</sup>	
						Total <sup>5</sup>	Copies per 1,000 population <sup>6</sup>			
		1,000	1,000	1,000,000		1,000			1,000	1,000
Panama.....	1960	29			a 10	a 106	a 104	b 64	a 15 163	15 11
Paraguay.....	1960	11	a 220	a 3	a 5	a 64	a 37	g 15	a 15 105	
Peru.....	1960	109	c 33 4, 928		a 58	d 41 750	d 41 76	b 95	a 15 820	15 33
Philippines.....	1960	113	a 5, 521		d 19	d 413	d 19		a 600	15 38
Poland.....	1960	881	9, 378	884	44	4, 304	145		5, 268	426
Portugal.....	1960	395	2, 322	346	28	730	80	b 33	848	46
Romania.....	1960			43 1, 344	32	2, 714	148		2, 008	55
Saudi Arabia.....	1960	27			c 2	15	c 2		15 74	15 6.5
S. Africa.....	1960	938	9, 391	b 752	a 19	a 897	a 61	b 11	996	
Spain.....	1960	1, 779	17, 800	2, 140	b 103	b 2, 095	b 70	b 78	a 2, 464	250
Sweden.....	1960	2, 637	41 3, 517	1, 090	a 123	a 3, 447	a 462	b 37	2, 744	1, 030
Switzerland.....	1960	1, 659	910	1, 367	120	1, 700	321	b 30	1, 445	120
Syria.....	1960	50	326		b 40	b 80	b 19	b 3	a 260	
Thailand.....	1960	43	2, 165			286	14	c 20	163	15 60
Tunisia.....	1960	42	114		a 5	a 67	a 17	g 1	170	
Turkey.....	1960	305	c 10, 707	173	a 506	1, 411	61	b 5	1, 341	15 1.0
U. S. S. R.....	1960		d 33 206, 000	d 43 3, 896	45 453	36, 870	46 172		45 40, 518	5, 000
United Kingdom.....	1960	8, 205	13, 567	10, 082	125	27, 000	514	b 68	47 15, 163	11, 076
Uruguay.....	1960	142	d 1, 587	a 52	a 26	a 594	a 215	b 85	a 15 800	15 28
Venezuela.....	1960	202	h 4, 105	a 72	a 27	a 632	a 97	b 71	15 1, 250	15 250
Viet-Nam.....										
Rep. of.....	1960	16	475	35	b 26	b 353	b 28	b 4	b 87	
Yugoslavia.....	1960	260	7, 289	871	a 20	a 1, 025	a 56	f 17	1, 563	20

<sup>1</sup> Comprises public and private telephones (including extension instruments) connected to a central exchange. Total number of telephones in use in the world in 1960 estimated to be 141,700,000.

<sup>2</sup> Comprises generally all types of telegrams including cablegrams and radiograms, but excludes messages in transit.

<sup>3</sup> Letters mailed for distribution within national territories. Comprises letters (airmail, ordinary mail and registered), postcards, printed matter, business papers, small merchandise samples, small packets, phonograph packets, and mail carried without charge, but excludes ordinary packages, and letters and packages with a declared value.

<sup>4</sup> 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. <sup>5</sup> Comprises copies sold both inside and outside the country.

<sup>6</sup> No adjustment made for copies sold outside the country. <sup>7</sup> Comprises stations broadcasting to the public; excludes television and service stations (e.g., aeronautical and naval stations). Data are believed to represent the number of stations but in some instances may refer to number of transmitters or of frequencies (wave lengths).

<sup>8</sup> Comprises for most countries number of licenses issued for receiving sets; figures which are estimates of number of sets in use are footnoted. In general, figures should be used with considerable caution as number of licenses falls, in varying degree from country to country, to represent full number in use. Data apply to all types of receivers for radio broadcasts to the public, including loud speakers connected to a "radio redistribution system" but excluding television sets. Total number of sets in use in the world in 1960 estimated to be 380,000,000.

<sup>9</sup> Figures which are estimates of number of sets in use are footnoted; all others relate to number of licenses issued for receiving sets. Total number of sets in use in world in 1960 estimated to be 99,000,000.

<sup>10</sup> Excludes Alaska and Hawaii, except as otherwise noted. <sup>11</sup> Includes messages to Canada, Mexico, St. Pierre, and Miquelon. <sup>12</sup> Domestic and foreign, including ordinary packages, and letters and packages with a declared value. <sup>13</sup> Includes Alaska, Hawaii, Puerto Rico, and Guam.

<sup>14</sup> Includes Alaska, Hawaii, Puerto Rico, and Virgin Islands. Data relate to commercial stations actually on the air. <sup>15</sup> Estimated number of receivers in use. <sup>16</sup> Includes Alaska and Hawaii. <sup>17</sup> English dailies only.

<sup>18</sup> Includes Alaska, Hawaii, and U.S. possessions.

<sup>19</sup> All telegrams sent by land are counted as domestic.

<sup>20</sup> English and French dailies only. <sup>21</sup> May exclude some dailies with circulations below 15,000.

<sup>22</sup> China (mainland). <sup>23</sup> Includes Faeroe Islands and Greenland. Beginning April 1 of year stated.

<sup>24</sup> Refers to 141 dailies only. <sup>25</sup> Eritrea only. <sup>26</sup> Excludes Eritrea.

<sup>27</sup> Includes Algeria, Guadeloupe, Martinique, French Guiana, and Réunion. <sup>28</sup> Includes Algeria.

<sup>29</sup> Includes telegrams sent to or received from Eastern Germany and Berlin.

<sup>30</sup> Includes Greater Berlin and the Saar. <sup>31</sup> Includes West Berlin, excludes the Saar.

<sup>32</sup> Excludes 698 regional editions. <sup>33</sup> Includes circulation of regional editions. <sup>34</sup> Includes West Berlin.

<sup>35</sup> Includes all telegrams dispatched.

<sup>36</sup> May include some specialized newspapers. <sup>37</sup> Refers to 313 dailies only. <sup>38</sup> Letters only.

<sup>39</sup> Includes 53 dailies having both morning and evening editions. <sup>40</sup> Includes Camerouns [Br.].

<sup>41</sup> Refers to 55 dailies only. <sup>42</sup> Includes the Azores and Madeira. <sup>43</sup> Domestic and foreign sent. All letters,

printed matter, and parcel post sent. <sup>44</sup> Revenue telegrams, excludes those transmitted exclusively over railway telegraph lines. For year ending June 30. <sup>45</sup> All letters sent.

<sup>46</sup> Includes specialized daily newspapers. In 1956, there were 36 such papers with a total circulation of 5,642,000 copies. <sup>47</sup> Includes 11,076,000 combined sound-television licenses.

Source: Statistical Office of the United Nations; *Statistical Yearbook*.



## No. 1258. EDUCATION AND HEALTH

[**Education:** Figures usually refer to both official (public) and independent (private) schools, to school year beginning in year stated, and generally exclude adult education, apprenticeship courses and correspondence schools; intercountry comparisons are subject to caution owing to variations in definitions and in scope of data; usually excludes (unless otherwise stated) nursery schools, kindergarten and other preschool education. **Health:** Data do not allow of a close comparison between countries which present a similar standard, whether high or low, in respect of strength and character of their medical facilities. However, they may be used to judge approximate difference in standard between advanced and less developed countries. See text, p. 910, for general comments concerning quality of the data. Years for which data are shown may vary from column to column and from country to country. Figures which are *not* for the year shown in the "year" column are prefixed by a letter to indicate the year represented, as follows: a represents 1959; b, 1958; c, 1957; d, 1956; e, 1955; f, 1954; g, 1953; h, 1952; i, 1951]

COUNTRY	Year	PRIMARY SCHOOLS <sup>1</sup>			SECONDARY SCHOOLS <sup>2</sup>			HEALTH		
		Schools	Teachers	Students enrolled	Schools	Teachers	Students enrolled	Physicians	Dentists	Pharmacists
United States <sup>3</sup>	1958	c <sup>4</sup> 108,531	1,000 46 816	1,000 46 23,428	e <sup>5</sup> 7 29,501	1,000 46 491	1,000 47 10,879	217,058	9 91,000	-----
Afghanistan	1959	803	3	141	29	1	8	c <sup>6</sup> 224	c <sup>7</sup> 28	-----
Albania	1958	2,685	7	212	35	(10)	5	c <sup>8</sup> 333	c <sup>9</sup> 20	0 64
Argentina	1959	17,081	116	2,801	653	18	136	d <sup>10</sup> 25,500	d <sup>11</sup> 10,083	d <sup>12</sup> 8,050
Australia	1959	6 7,250	11 69	1,548	-----	(11)	505	d <sup>13</sup> 11,035	d <sup>14</sup> 4,140	d <sup>15</sup> 7,350
Austria	1959	5,242	33	712	191	6 5	83	e <sup>16</sup> 11,308	e <sup>17</sup> 4,001	-----
Belgium	1959	9,324	40	900	1,242	130	218	f <sup>18</sup> 11,880	f <sup>19</sup> 12 1,342	f <sup>20</sup> 5,266
Bolivia	1957	d <sup>21</sup> 640	d <sup>22</sup> 7	d <sup>23</sup> 160	d <sup>24</sup> 13	d <sup>25</sup> 3	31	g <sup>26</sup> 850	g <sup>27</sup> 301	g <sup>28</sup> 321
Brazil	1960	100,000	229	7,700	3,698	58	868	h <sup>29</sup> 23,195	h <sup>30</sup> 15,532	h <sup>31</sup> 12,202
Bulgaria	1960	5,561	40	1,054	316	11	158	i <sup>32</sup> 10,527	i <sup>33</sup> 2,258	-----
Burma	1959	6 11,457	6 37	6 1,544	1,482	8	333	j <sup>34</sup> 708	j <sup>35</sup> 17	-----
Canada	1959	22,767	112	3,209	15 5,328	15 42	15 801	b <sup>36</sup> 18,400	b <sup>37</sup> 5,564	-----
Ceylon	1960	16 7,957	16 71	16 2,208	(16)	(16)	(16)	b <sup>38</sup> 1,997	b <sup>39</sup> 102	b <sup>40</sup> 1,021
Chile	1959	c <sup>41</sup> 6,376	c <sup>42</sup> 17 25	c <sup>43</sup> 1,048	c <sup>44</sup> 431	d <sup>45</sup> 8	c <sup>46</sup> 137	c <sup>47</sup> 3,800	c <sup>48</sup> 1,592	c <sup>49</sup> 1,700
China (Taiwan)	1959	1,767	38	1,777	226	10	232	d <sup>50</sup> 4,049	d <sup>51</sup> 774	d <sup>52</sup> 671
Colombia	1960	18,545	40	1,569	970	11	128	e <sup>53</sup> 4,500	e <sup>54</sup> 1,500	e <sup>55</sup> 2,464
Costa Rica	1959	1,818	7	184	60	1	26	c <sup>56</sup> 379	c <sup>57</sup> 113	c <sup>58</sup> 353
Cuba	1960	d <sup>59</sup> 8,046	d <sup>60</sup> 21	d <sup>61</sup> 1,232	d <sup>62</sup> 315	d <sup>63</sup> 4	62	c <sup>64</sup> 6,421	c <sup>65</sup> 2,100	c <sup>66</sup> 379
Czechoslovakia	1960	12,148	87	2,142	-----	18 5	79	a <sup>67</sup> 23,117	a <sup>68</sup> 12 2,392	a <sup>69</sup> 4,585
Denmark	1959	2,515	16	534	671	11	152	b <sup>70</sup> 5,526	b <sup>71</sup> 2,230	b <sup>72</sup> 1,271
Dominican Republic	1959	4,087	6	494	d <sup>73</sup> 66	-----	d <sup>74</sup> 10	d <sup>75</sup> 544	f <sup>76</sup> 10 138	f <sup>77</sup> 10 188
Ecuador	1959	5,340	14	567	181	4	37	c <sup>78</sup> 1,325	c <sup>79</sup> 351	-----
Egypt (U.A.R.)	1959	7,075	68	2,614	1,072	27	302	b <sup>80</sup> 8,854	b <sup>81</sup> 20 785	b <sup>82</sup> 20 2,281
El Salvador	1960	2,479	8	321	158	1	21	c <sup>83</sup> 437	c <sup>84</sup> 161	c <sup>85</sup> 271
Ethiopia	1959	681	6 21 5	6 171	b <sup>86</sup> 26	(21)	5	d <sup>87</sup> 12 207	d <sup>88</sup> 12 16	d <sup>89</sup> 47
Finland	1959	7,041	27	633	450	10	200	b <sup>90</sup> 2,599	b <sup>91</sup> 1,702	b <sup>92</sup> 851
France	1959	80,069	221	5,900	7,312	58	1,493	b <sup>93</sup> 2244,300	b <sup>94</sup> 24 14,837	b <sup>95</sup> 18,980
Germany, Fed. Rep. of	1959	30,824	23 139	4,998	2,558	23 54	1,170	24 72,785	24 30,572	24 15,646
Greece	1959	10,535	b <sup>96</sup> 22	b <sup>97</sup> 945	b <sup>98</sup> 571	b <sup>99</sup> 8	233	c <sup>100</sup> 0,942	c <sup>101</sup> 2,692	c <sup>102</sup> 1,850
Guatemala	1959	3,771	9	268	91	2	10	c <sup>103</sup> 542	c <sup>104</sup> 130	c <sup>105</sup> 201
Haiti	1959	1,494	5	238	72	1	14	c <sup>106</sup> 120	c <sup>107</sup> 25 52	c <sup>108</sup> 95
Honduras	1957	2,417	5	147	30	20 1	2	365	63	-----
Hungary	1959	6,322	56	314	253	6	103	e <sup>109</sup> 15,219	(12)	3,473
Iceland	1959	b <sup>110</sup> 234	b <sup>111</sup> 1	22	74	1	9	e <sup>112</sup> 179	e <sup>113</sup> 35	e <sup>114</sup> 20
India	1958	299,220	717	27 24,101	58,012	478	27 14,078	d <sup>115</sup> 76,916	d <sup>116</sup> 3,676	d <sup>117</sup> 30,536
Indonesia	1959	35,540	206	8,220	4,405	30	840	e <sup>118</sup> 954	e <sup>119</sup> 28 120	e <sup>120</sup> 3,904
Iran	1959	8,770	30	1,311	1,144	13 11	250	b <sup>121</sup> 4,358	b <sup>122</sup> 12 842	b <sup>123</sup> 3,904
Iraq	1959	3,228	20	1,643	362	6 3	120	f <sup>124</sup> 1,245	f <sup>125</sup> 0 137	f <sup>126</sup> 430
Ireland	1959	5,000	6 14	618	595	28 5	80	g <sup>127</sup> 2,021	g <sup>128</sup> 534	g <sup>129</sup> 1,800
Israel	1959	1,287	17	388	239	3	37	b <sup>130</sup> 4,766	b <sup>131</sup> 1,450	b <sup>132</sup> 1,612
Italy	1958	45,878	192	4,676	3,304	66	847	d <sup>133</sup> 69,850	d <sup>134</sup> (12)	d <sup>135</sup> 26,107
Japan	1960	26,858	361	12,591	17,584	338	9,126	b <sup>136</sup> 97,300	b <sup>137</sup> 31,814	b <sup>138</sup> 56,518
Korea, Re. public of	1959	4,576	61	3,550	1,356	(13)	618	b <sup>139</sup> 6,405	b <sup>140</sup> 1,035	b <sup>141</sup> 1,613
Lebanon	1959	1,939	11 10	229	227	b <sup>142</sup> 24	39	b <sup>143</sup> 1,212	b <sup>144</sup> 451	b <sup>145</sup> 376
Liberia	1959	577	2	54	24	(16)	2	d <sup>146</sup> 62	d <sup>147</sup> 10	d <sup>148</sup> h
Luxembourg	1959	448	6 1	31	7	(18)	5	b <sup>149</sup> 824	b <sup>150</sup> 119	b <sup>151</sup> 157
Mexico	1958	c <sup>152</sup> 29,755	100	4,437	1,040	d <sup>153</sup> 14	169	c <sup>154</sup> 18,058	c <sup>155</sup> 1,801	c <sup>156</sup> 20 3,025
Netherlands	1959	7,672	42	1,448	2,124	22	460	b <sup>157</sup> 12,526	b <sup>158</sup> 2,554	b <sup>159</sup> 800
New Zealand	1959	2,504	13	416	7 361	7 5	108	c <sup>160</sup> 2,800	c <sup>161</sup> 906	c <sup>162</sup> 1,550
Nicaragua	1958	4 1,831	4 4	129	g <sup>163</sup> 39	(10)	6	c <sup>164</sup> 464	c <sup>165</sup> 73	c <sup>166</sup> 266
Norway	1959	6 6,581	22	478	331	0	84	b <sup>167</sup> 3,703	b <sup>168</sup> 2,228	b <sup>169</sup> 753

See footnotes at end of table.

## No. 1258. EDUCATION AND HEALTH—Continued.

[See text, p. 910, for general comments concerning quality of the data. Years for which data are shown may vary from column to column and from country to country. Figures which are not for the year shown in the "year" column are prefixed by a letter to indicate the year represented, as follows: a represents 1959; b, 1958; c, 1957; d, 1956; e, 1955; f, 1954; g, 1953; h, 1952; i, 1951]

COUNTRY	Year	PRIMARY SCHOOLS <sup>1</sup>			SECONDARY SCHOOLS <sup>2</sup>			HEALTH		
		Schools	Teachers	Students enrolled	Schools	Teachers	Students enrolled	Physicians	Dentists	Pharmacists
Pakistan	1958	44,222	1,000	1,000	6,030	1,000	1,000	5,497		
Panama	1959	1,239	121	4,469	54	1,346	f	358	80	
Paraguay	1960	2,271	5	156	27	1	26	b	297	549
Peru	1959	14,102	11	302	78	a	113	b	29	213
Philippines	1958	20,802	38	1,392	441	b	122	b	1,119	1,804
Poland	1959	25,825	102	3,970	1,554	c	720	b	25	213
Portugal	1959	16,980	140	4,556	833	12	206	e	26,296	8,823
Romania	1959	11,615	24	869	743	c	75	00	12,844	12,122
South Africa	1958	11,615	28	2,135	(11) (29)	29 30 10	29 30 203	d	1,919	d
Spain	1959	4,69,319	101	3,920	1,417	c	19	454	e	23,731
Sweden	1959	8,464	44	848	403	15	215	b	12,790	b
Switzerland	1960	3,011	d	549	g	d	126	b	29 7,227	2,196
Syria	1959	3,261	13	424	313	3	70	b	988	229
Thailand	1959	22,036	101	3,433	1,723	19	483	b	3,098	b
Turkey	1959	21,323	61	2,564	805	14	312	b	11,580	b
United Kingdom <sup>23</sup>	1959	25,965	152	4,355	7,595	153	3,172	b	33,442	500
Uruguay	1958	2,038	c	9	310	147	64	c	3,116	c
Venezuela	1959	9,910	30	1,074	337	5	88	c	3,689	c
Yugoslavia	1959	14,417	71	2,590	210	4	79	b	12,476	b

<sup>1</sup> Schools providing basic training and education to children within compulsory or customary ages of full-time education; length of this education may vary from 4 to 9 years from country to country.

<sup>2</sup> Middle schools, secondary schools, high schools, providing general instruction more advanced than that given at primary level.

<sup>3</sup> Includes Alaska and Hawaii, except as otherwise noted.

<sup>4</sup> Includes preschool education.

<sup>5</sup> Excludes Alaska and Hawaii.

<sup>6</sup> Public schools only.

<sup>7</sup> Includes technical education.

<sup>8</sup> Includes physicians not authorized to practice outside hospital.

<sup>9</sup> Excludes those described as not fully qualified, interns, aids, assistants, volunteers, and similar non-qualified personnel.

<sup>10</sup> Less than 500.

<sup>11</sup> Secondary schools included with primary schools.

<sup>12</sup> Stomatologists and physicians, practicing as dentists, included with physicians and not with dentists.

<sup>13</sup> Technical included with secondary.

<sup>14</sup> A new Register commenced Jan. 1, 1953. It is thought that a certain number of doctors registered in previous Register have not reregistered but are still practicing.

<sup>15</sup> Secondary includes public schools offering technical courses and programs at secondary level.

<sup>16</sup> Secondary and d technical included with primary.

<sup>17</sup> Excludes primary classes attached to schools of other levels.

<sup>18</sup> Includes teaching staff of courses for workers.

<sup>19</sup> Active personnel only.

<sup>20</sup> Registered personnel only.

<sup>21</sup> Secondary, technical, teacher-training, and higher schools included with primary schools.

<sup>22</sup> In private practice only, excludes those engaged in teaching, administration, etc.

<sup>23</sup> In addition there were about 32,000 part-time teachers in primary schools, and 10,000 in secondary schools.

<sup>24</sup> Includes the Saar.

<sup>25</sup> Government services only.

<sup>26</sup> Includes technical and teacher-training schools.

<sup>27</sup> Secondary includes the enrollment of primary departments attached to middle and high schools.

<sup>28</sup> Recognized schools only.

<sup>29</sup> Includes evening and correspondence schools.

<sup>30</sup> Includes teacher-training.

<sup>31</sup> Standards (grades) 6 to 10.

<sup>32</sup> England and Wales only.

<sup>33</sup> Includes assistant medical practitioners.

<sup>34</sup> Includes assistant dental practitioners.

Source: Statistical Office of the United Nations; Statistical Yearbook.

**NO. 1259. UNITED NATIONS AND CERTAIN SPECIALIZED AGENCIES—MEMBER ASSESSMENTS: 1962**

COUNTRY	UNITED NATIONS (UN)		FOOD AND AGRICULTURE ORGANIZATION (FAO)		U. N. EDUCATIONAL, SCIENTIFIC AND CULTURAL ORGANIZATION (UNESCO)		WORLD HEALTH ORGANIZATION (WHO)	
	Percent	Amount	Percent	Amount	Percent	Amount	Percent	Amount
Gross budget.....		\$82,144,740		\$14,595,400		\$16,497,846		\$24,048,320
Other income.....		8,020,623		255,400		949,266		500,000
<b>Total member assessments.....</b>	<b>100.00</b>	<b>\$74,124,117</b>	<b>100.00</b>	<b>14,340,000</b>	<b>100.00</b>	<b>15,548,580</b>	<b>100.00</b>	<b>24,148,320</b>
Afghanistan.....	.05	37,062	.07	10,038	.06	9,328	.06	14,490
Albania.....	.04	29,660			.04	6,220	.04	9,660
Argentina.....	1.01	748,663	1.35	193,590	1.07	160,370	1.00	241,480
Australia.....	1.66	1,280,400	2.22	318,348	1.73	268,991	1.62	391,200
Austria.....	.45	333,558	.60	80,040	.42	65,304	.39	94,180
Belgium.....	1.20	889,489	1.61	230,874	1.26	195,912	1.18	284,050
Bolivia.....	.04	29,660	.04	5,736	.04	6,220	.04	9,660
Brazil.....	1.03	763,478	1.38	197,892	.99	153,931	.92	222,170
Bulgaria.....	.20	148,248			.15	23,323	.14	33,810
Burma.....	.07	51,887	.09	12,906	.08	12,439	.07	16,900
Byelorussian SSR.....	.52	385,445			.45	60,009	2.42	101,420
Cambodia.....	.04	29,660	.04	5,736	.04	6,220	.04	9,660
Cameroon.....	.04	29,660	.04	5,736	( <sup>3</sup> )	( <sup>3</sup> )	.04	9,660
Canada.....	3.12	2,312,672	4.18	599,412	3.01	468,012	2.82	680,980
Central African Republic.....	.04	29,660	.04	5,736	( <sup>3</sup> )	( <sup>3</sup> )	.04	9,660
Ceylon.....	.09	66,712	.12	17,208	.10	15,549	.09	21,730
Chad.....	.04	29,660	.04	5,736	( <sup>3</sup> )	( <sup>3</sup> )	.04	9,660
Chile.....	.26	192,723	.35	50,190	.26	40,427	.24	57,960
China.....	4.57	3,387,472			2.50	388,715	4.54	1,086,340
Colombia.....	.26	192,723	.35	50,190	.30	46,646	.28	67,610
Congo (Brazzaville).....	.04	29,660	.04	5,736	( <sup>3</sup> )	( <sup>3</sup> )	.04	9,660
Congo (Leopoldville).....	.07	51,887	.09	12,906	( <sup>3</sup> )	( <sup>3</sup> )		
Costa Rica.....	.04	29,660	.04	5,736	.04	6,220	.04	9,660
Cuba.....	.22	163,073	.30	43,020	.24	37,317	.23	55,540
Cyprus.....	.04	29,660	.04	5,736			.04	9,660
Czechoslovakia.....	1.17	867,252			.84	130,608	.79	190,770
Dahomey.....	.04	29,660	.04	5,736	( <sup>3</sup> )	( <sup>3</sup> )	.04	9,660
Denmark.....	.58	429,920	.78	111,852	.58	90,182	.54	130,400
Dominican Republic.....	.05	37,062	.07	10,038	.05	7,774	.05	12,070
Ecuador.....	.06	44,474	.08	11,472	.06	9,328	.06	14,490
El Salvador.....	.04	29,660	.04	5,736	.05	7,774	.05	12,070
Ethiopia.....	.05	37,062	.07	10,038	.06	9,328	.06	14,490
Finland.....	.37	274,259	.50	71,700	.35	54,420	.32	77,270
France.....	5.94	4,402,972	7.96	1,141,464	6.19	962,457	5.80	1,400,600
Gabon.....	.04	29,660	.04	5,736	( <sup>3</sup> )	( <sup>3</sup> )	.04	9,660
Germany, Federal Republic.....			7.64	1,095,576	5.16	802,307	4.83	1,166,360
Ghana.....	.09	66,712	.12	17,208	.07	10,884	.06	14,490
Greece.....	.23	170,485	.31	44,454	.22	34,207	.21	50,710
Guatemala.....	.05	37,062	.07	10,038	.05	7,774	.05	12,070
Guinea.....	.04	29,660	.04	5,736	( <sup>3</sup> )	( <sup>3</sup> )	.04	9,660
Haiti.....	.04	29,660	.04	5,736	.04	6,220	.04	9,660
Honduras.....	.04	29,660	.04	5,736	.04	6,220	.04	9,660
Hungary.....	.56	415,095			.41	63,749	2.38	91,760
Iceland.....	.04	29,660	.04	5,736			.04	9,660
India.....	2.03	1,504,720	2.72	390,048	2.38	370,056	2.23	538,510
Indonesia.....	.45	333,558	.60	80,040	.45	69,969	.42	101,420
Iran.....	.20	148,248	.27	38,718	.20	31,094	.19	45,880
Iraq.....	.09	66,712	.12	17,208	.09	13,964	.08	19,320
Ireland.....	.14	103,774	.19	27,246			.14	33,810
Israel.....	.15	111,186	.20	28,680	.13	20,213	.13	31,390
Italy.....	2.24	1,660,380	3.00	430,200	2.18	338,959	2.04	492,630
Ivory Coast.....	.04	29,660	.04	5,736	( <sup>3</sup> )	( <sup>3</sup> )	.06	14,490
Japan.....	2.27	1,682,617	3.04	435,036	2.12	329,630	1.98	478,140
Jordan.....	.04	29,660	.04	5,736	.04	6,220	.04	9,660
Korea.....			.25	35,850	.20	31,094	.10	45,880

See footnotes at end of table.

No. 1259. UNITED NATIONS AND CERTAIN SPECIALIZED AGENCIES—MEMBER  
ASSESSMENTS: 1962—Continued

COUNTRY	UNITED NATIONS (UN)		FOOD AND AGRICUL- TURE ORGANIZATION (FAO)		U. N. EDUCATIONAL, SCIENTIFIC AND CUL- TURAL ORGANIZATION (UNESCO)		WORLD HEALTH OR- GANIZATION (WHO)	
	Percent	Amount	Percent	Amount	Percent	Amount	Percent	Amount
Kuwait.....			.04	\$5,736	( <sup>2</sup> )	( <sup>2</sup> )	.04	\$0,660
Laos.....	.04	\$29,050	.04	5,736	.04	\$6,220	.04	9,660
Lebanon.....	.05	37,062	.07	10,038	.05	7,774	.05	12,070
Liberia.....	.04	29,650	.04	5,736	.04	6,220	.04	9,660
Libya.....	.04	29,650	.04	5,736	.04	6,220	.04	9,660
Luxembourg.....	.05	37,062	.07	10,038	.06	9,328	.06	14,490
Madagascar.....	.04	29,650	.04	5,736				
Malagasy.....					( <sup>2</sup> )	( <sup>2</sup> )	.06	14,490
Malaya.....	.13	96,361	.17	24,378	.16	24,878	.16	30,220
Mali.....	.04	29,650	.04	5,736	( <sup>2</sup> )	( <sup>2</sup> )	.04	9,660
Mauritania.....	( <sup>3</sup> )	( <sup>3</sup> )	.04	5,736				
Mexico.....	.74	548,518	.99	141,966	.69	107,285	.64	154,550
Monaco.....					.04	6,220	.04	9,660
Mongolia.....	( <sup>3</sup> )	( <sup>3</sup> )						
Morocco.....	.14	103,774	.19	27,246	.13	20,213	.13	31,390
Nepal.....	.04	29,650	.04	5,736	.04	6,220	.04	9,660
Netherlands.....	1.01	748,653	1.35	193,590	.98	182,376	.91	219,750
New Zealand.....	.41	303,909	.55	78,870	.41	63,749	.38	91,760
Nicaragua.....	.04	29,650	.04	5,736	.04	6,220	.04	9,660
Niger.....	.04	29,650	.04	5,736	( <sup>2</sup> )	( <sup>2</sup> )	.04	9,660
Nigeria.....	.21	155,661	.28	40,152	( <sup>2</sup> )	( <sup>2</sup> )	.19	45,880
Norway.....	.45	333,558	.60	86,040	.47	73,079	.44	106,250
Pakistan.....	.42	311,321	.56	80,304	.39	60,640	.36	86,930
Panama.....	.04	29,650	.04	5,736	.04	6,220	.04	9,660
Paraguay.....	.04	29,650	.04	5,736	.04	6,220	.04	9,660
Peru.....	.10	74,124	.13	18,642	.11	17,104	.10	24,150
Philippines.....	.40	296,496	.54	77,436	.42	65,304	.39	84,180
Poland.....	1.28	948,789	1.72	246,648	1.32	205,241	1.24	299,440
Portugal.....	.16	118,508	.21	30,114			.18	43,470
Rhodesia and Nyasaland.....							.02	4,830
Romania.....	.32	237,197	.43	61,662	.33	51,311	.31	74,860
Saudi Arabia.....	.07	51,887	.09	12,906	.06	9,328	.06	14,490
Senegal.....	.05	37,062	.07	10,038	( <sup>2</sup> )	( <sup>2</sup> )	.06	14,490
Sierra Leone.....	( <sup>3</sup> )	( <sup>3</sup> )	.04	5,736			.02	4,830
Somalia.....	.04	29,650	.04	5,736	( <sup>2</sup> )	( <sup>2</sup> )	.04	9,660
South Africa.....	.53	392,858	.71	101,814			.51	123,160
Spain.....	.86	637,467	1.15	164,010	.90	139,937	.84	202,850
Sudan.....	.07	51,887	.09	12,906	.06	9,328	.06	14,490
Sweden.....	1.30	963,613	1.74	249,516	1.34	208,351	1.26	304,270
Switzerland.....			1.27	182,118	.94	146,157	.88	212,510
Tanganyika.....	( <sup>3</sup> )	( <sup>3</sup> )						
Thailand.....	.16	118,598	.21	30,114	.15	23,323	.14	33,810
Togo.....	.04	29,650	.04	5,736	( <sup>2</sup> )	( <sup>2</sup> )	.04	9,660
Tunisia.....	.05	37,062	.07	10,038	.05	7,774	.05	12,070
Turkey.....	.40	296,496	.54	77,436	.57	88,627	.53	127,990
Ukrainian S.S.R.....	1.98	1,467,657			1.74	270,545	<sup>2</sup> 1.63	393,620
U.S.S.R.....	14.97	11,096,380			13.18	2,049,303	12.34	2,979,900
United Arab Republic.....								
United Kingdom.....	.30	222,372	.40	57,360	.31	48,201	.29	70,030
United States.....	7.58	5,618,608	10.15	1,455,510	7.53	1,170,808	7.05	1,702,490
United States.....	32.02	23,734,542	32.02	4,591,668	31.46	4,801,584	31.71	7,657,430
Upper Volta.....	.04	29,650	.04	5,736	( <sup>2</sup> )	( <sup>2</sup> )	.04	9,660
Uruguay.....	.11	81,536	.15	21,510	.12	18,658	.11	26,590
Venezuela.....	.52	385,445	.70	100,380	.48	74,633	.45	108,670
Viet-Nam.....			.21	30,114	.19	29,542	.18	43,470
Yemen.....	.04	29,650	.04	5,736			.04	9,660
Yugoslavia.....	.38	281,672	.51	73,134	.34	52,895	.32	77,270

<sup>1</sup> Exclusive of U.N. Emergency Force assessments and Congo Assessments.

<sup>2</sup> Inactive members included although they have announced they no longer consider themselves members.

<sup>3</sup> Members admitted to membership subsequent to the adoption of the 1962 Scale of Assessments.

<sup>4</sup> Less credits of \$117,213, or \$23,617,329.

<sup>5</sup> Plus Working Capital Fund reimbursement of \$77,049, or \$4,668,717.

<sup>6</sup> Less credits of \$187,860, or \$4,703,724.

Source: Department of State, Office of International Administration.

**No. 1260. QUOTAS IN THE INTERNATIONAL MONETARY FUND, AND SUBSCRIPTIONS IN THE INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPMENT, THE INTERNATIONAL FINANCE CORPORATION, AND THE INTERNATIONAL DEVELOPMENT ASSOCIATION, BY MEMBERS: 1962**

[In millions of U.S. dollars. As of March 31. The International Finance Corporation and the International Development Association are affiliates of the International Bank for Reconstruction and Development. Countries that are not members of the IBRD, IFC, or IDA are so indicated by a dash (-) in the respective columns]

MEMBER	Fund quota	Bank subscription	IFC subscription	IDA subscription	MEMBER	Fund quota	Bank subscription	IFC subscription	IDA subscription
<b>Total</b> .....	<b>15,056.9</b>	<b>20,484.8</b>	<b>96.5</b>	<b>916.4</b>	Japan.....	500.0	666.0	2.8	33.6
Afghanistan.....	22.5	30.0	.1	1.0	Jordan.....	6.3	15.0	(1)	.3
Argentina.....	280.0	373.3	1.7	---	Korea.....	18.8	25.0	---	1.3
Australia.....	400.0	533.0	2.2	20.2	Laos.....	7.5	10.0	---	---
Austria.....	75.0	100.0	.6	5.0	Lebanon.....	6.8	9.0	.1	---
Belgium.....	337.5	450.0	2.5	---	Liberia.....	11.3	15.0	.1	.8
Bolivia.....	22.5	21.0	.1	1.1	Libya.....	11.0	20.0	.1	1.0
Brazil.....	280.0	373.3	1.2	---	Luxembourg.....	12.0	20.0	.1	---
Burma.....	30.0	40.0	.2	---	Malaya.....	32.5	50.0	.3	2.5
Canada.....	550.0	750.0	3.6	37.8	Mexico.....	180.0	173.3	.7	8.7
Ceylon.....	45.0	60.0	.2	3.0	Morocco.....	52.5	70.0	---	3.5
Chile.....	100.0	93.3	.4	3.5	Nepal.....	7.5	10.0	---	---
China.....	550.0	750.0	---	30.3	Netherlands.....	412.5	550.0	3.0	27.7
Colombia.....	100.0	93.3	.4	3.5	New Zealand.....	125.0	166.7	.9	---
Costa Rica.....	15.0	8.0	(1)	.2	Nicaragua.....	11.3	6.0	(1)	.3
Cuba.....	50.0	---	---	---	Nigeria.....	50.0	60.7	.4	3.4
Cyprus.....	11.3	15.0	.1	.8	Norway.....	100.0	133.3	.6	6.7
Denmark.....	130.0	173.3	.8	8.7	Pakistan.....	150.0	200.0	1.1	10.1
Dominican Republic.....	15.0	8.0	(1)	---	Panama.....	.5	.4	(1)	(1)
Ecuador.....	15.0	12.8	(1)	.7	Paraguay.....	11.3	6.0	(1)	.3
El Salvador.....	11.3	6.0	(1)	.5	Peru.....	32.5	35.0	.2	1.8
Ethiopia.....	11.4	10.0	(1)	---	Philippines.....	75.0	100.0	.2	5.0
Finland.....	57.0	76.0	.4	3.8	Portugal.....	60.0	80.0	---	---
France.....	787.5	1,050.0	5.8	53.0	Saudi Arabia.....	55.0	73.3	---	3.7
Germany.....	787.5	1,050.0	3.7	53.0	South Africa.....	56.0	200.0	1.1	10.1
Ghana.....	35.0	46.7	.2	2.4	Spain.....	150.0	200.0	1.1	10.1
Greece.....	60.0	50.0	.3	2.5	Sudan.....	160.0	20.0	.1	1.0
Guatemala.....	15.0	8.0	(1)	.4	Sweden.....	15.0	200.0	1.1	10.1
Haiti.....	11.3	15.0	(1)	.8	Syrian Arab Republic.....	15.0	20.0	---	---
Honduras.....	11.3	6.0	(1)	.3	Thailand.....	150.0	60.0	.1	3.0
Iceland.....	11.3	15.0	(1)	.1	Tunisia.....	45.0	30.0	---	1.5
India.....	600.0	800.0	4.4	40.4	Turkey.....	16.2	115.0	.5	5.8
Indonesia.....	165.0	220.0	---	---	United Arab Republic.....	90.0	106.6	.7	6.0
Iran.....	70.0	90.0	.4	4.5	United Kingdom.....	1,950.0	2,600.0	14.4	131.1
Iraq.....	15.0	15.0	.1	.8	United States.....	4,125.0	6,350.0	35.2	320.3
Ireland.....	45.0	60.0	.3	3.0	Uruguay.....	30.0	10.5	---	---
Israel.....	25.0	33.3	.1	1.7	Venezuela.....	150.0	140.0	.1	---
Italy.....	270.0	360.0	2.0	18.2	Viet-Nam.....	18.5	30.0	---	1.5
					Yugoslavia.....	120.0	106.7	---	4.0

<sup>1</sup> Less than \$50,000.

Source: International Bank for Reconstruction and Development and International Monetary Fund.

# **No. 1261. INTER-AMERICAN DEVELOPMENT BANK—SUBSCRIPTIONS AND PAYMENTS, ORDINARY CAPITAL AND FUND FOR SPECIAL OPERATIONS, BY MEMBERS: 1960-62**

[In thousands of U.S. dollars. Subscriptions equal amounts authorized when Bank was organized, in 1960. Paid-in capital subscriptions payable in 3 installments, 1960, 1961, and 1962; callable capital subject to call only when required to meet liabilities arising out of borrowings of Bank or guarantees issued by Bank. Fund for Special Operations completely separate from ordinary capital; payments made in 2 installments, 1960 and 1961]

MEMBER	ORDINARY CAPITAL RESOURCES					Fund for special operations <sup>3</sup>
	Total capital subscribed	Paid-in capital			Callable capital, subscribed	
		Subscribed	Payments received <sup>1</sup>	Payments due <sup>2</sup>		
Total.....	813, 160	381, 580	227, 298	152, 632	431, 580	145, 765
Argentina.....	103, 140	51, 570	30, 942	20, 628	51, 570	10, 314
Bolivia.....	8, 280	4, 140	2, 484	1, 656	4, 140	828
Brazil.....	103, 140	51, 570	30, 942	20, 628	51, 570	10, 314
Chile.....	28, 320	14, 160	8, 496	5, 664	14, 160	2, 832
Colombia.....	28, 300	14, 150	8, 490	5, 660	14, 150	2, 830
Costa Rica.....	4, 140	2, 070	1, 242	828	2, 070	414
Dominican Republic.....	5, 520	2, 760	1, 656	1, 104	2, 760	552
Ecuador.....	5, 520	2, 760	1, 656	1, 104	2, 760	552
El Salvador.....	4, 140	2, 070	1, 242	828	2, 070	414
Guatemala.....	5, 520	2, 760	1, 656	1, 104	2, 760	552
Haiti.....	4, 140	2, 070	1, 242	828	2, 070	414
Honduras.....	4, 140	2, 070	1, 242	828	2, 070	414
Mexico.....	66, 300	33, 150	19, 890	13, 260	33, 150	6, 630
Nicaragua.....	4, 140	2, 070	1, 242	828	2, 070	414
Panama.....	4, 140	2, 070	1, 242	828	2, 070	414
Paraguay.....	4, 140	2, 070	1, 242	828	2, 070	414
Peru.....	13, 820	6, 910	4, 146	2, 784	6, 910	1, 382
United States.....	350, 000	150, 000	90, 000	60, 000	200, 000	100, 000
Uruguay.....	11, 060	5, 530	3, 318	2, 212	5, 530	1, 106
Venezuela.....	55, 260	27, 630	16, 578	11, 052	27, 630	5, 526

<sup>1</sup> As of October 31, 1961.

<sup>2</sup> Final installment, due October 31, 1962.

<sup>3</sup> Payments received as of October 31, 1961; represents 99.6 percent of total amount then due.

<sup>4</sup> Did not meet payments due as of Sept. 30, 1960, and Oct. 31, 1961.

Source: Inter-American Development Bank; *Second Annual Report, 1961*.

## **No. 1262. COST-OF-LIVING OF UNITED NATIONS PERSONNEL IN SELECTED CITIES AS REFLECTED BY INDEXES OF RETAIL PRICES: 1961**

[New York City=100. Relates to U.N. specialized agencies. Based on price comparisons weighted according to pattern of expenditures in New York City and selected cities. Some indexes computed with Geneva as base and switched to New York City by Geneva-New York relationship; therefore, weighting pattern for base city not identical for all cities listed. Since indexes relate to U.N. personnel only, they cannot be considered representative of the native population in the cities shown]

CITY	Month	Exchange Rate <sup>1</sup>	Index	CITY	Month	Exchange Rate <sup>1</sup>	Index
Addis Ababa, Ethiopia.....	July	2.484 Eth. dollars.	100	La Paz, Bolivia.....	July	12,000 bolivianos.	78
Ankara, Turkey.....	Sept.	9 Tur. lira.....	79	Lima, Peru.....	July	26.75 soles.....	86
Athens, Greece <sup>2</sup> .....	June	30 drachma.....	88	Manila, Philippines.....	May	3 pesos.....	97
Baghdad, Iraq.....	July	1 dinar=\$2.80.....	93	Mexico City, Mexico.....	May	12.40 pesos.....	91
Beirut, Lebanon.....	Feb.	L.L. 3.13.....	86	Mogadiscio, Somalia.....	Aug.	7.14 somalos.....	96
Bogotá, Colombia.....	July	8,532 pesos.....	73	Montevideo, Uruguay.....	Aug.	10.95 pesos.....	88
Brazzaville, Congo.....	Mar.	245 CFA francs.....	100	Montreal, Canada.....	Sept.	.9705 dollars.....	94
Buenos Aires, Argentina.....	Sept.	82.88 pesos.....	97	New Delhi, India.....	July	4.76 rupees.....	91
Cairo, U.A.R. Egypt.....	Apr.	E £1s=2.252.....	64	Paris, France <sup>2</sup> .....	Sept.	4.90 new francs.....	95
Caracas, Venezuela.....	June	4.70 bolivares.....	106	Rabat, Morocco.....	Mar.	5.06 dirham.....	83
Colombo, Ceylon.....	July	4.78 rupees.....	81	Rio de Janeiro, Brazil.....	Oct.	298.57 cruzeiros.....	82
Geneva, Switzerland.....	Sept.	4.30 francs.....	86	Rome, Italy <sup>2</sup> .....	June	621 lire.....	83
Guatemala City, Guatemala.....	Apr.	1 quetzal.....	103	San Jose, Costa Rica.....	Sept.	6.63 colones.....	83
The Hague, Netherlands <sup>2</sup> .....	Aug.	3.8 guilders.....	76	Santiago, Chile.....	Aug.	1,050 escudos.....	100
Istanbul, Turkey.....	June	9 Tur. lira.....	81	Teheran, Iran.....	May	75 rials.....	94
Karachi, Pakistan.....	Aug.	4.76 rupees.....	84	Tripoli, Libya.....	Apr.	L £1=\$2.80.....	92
Khartoum, Sudan.....	Aug.	L.S.1=\$2.872.....	84	Tunis, Tunisia.....	Apr.	0.42 dinar.....	86
				Vienna, Austria <sup>2</sup> .....	Apr. <sup>3</sup>	25.83 schillings.....	75
				Washington, D.C.....	Aug.	.....	94

<sup>1</sup> National currency units per U.S. dollar used in calculation of cost-of-living indexes for international officials.

<sup>2</sup> Computed by International Labour Office. <sup>3</sup> Year 1960.

Source: Statistical Office of the United Nations, *Monthly Bulletin*, various issues and *Statistical Paper*, series M14, Add. 2.

# NO. 1263. UNITED STATES CONTRIBUTIONS TO INTERNATIONAL ORGANIZATIONS AND PROGRAMS: 1962

[For year ending June 30. In some cases differences exist between U.S. assessment and contribution paid because of statutory limitations on the amount authorized to be appropriated annually. Excludes International Bank for Reconstruction and Development, International Monetary Fund, International Finance Corporation, and Inter-American Development Bank, which are financed by capital subscriptions from member governments and income from operations]

ORGANIZATION	Total assessments	U.S. contribution	Percent of total assessments
<b>Total contributions</b> .....	<b>\$468,855,675</b>	<b>\$219,845,449</b>	<b>46.9</b>
<b>Total, assessed budgets</b> .....	<b>268,137,616</b>	<b>110,384,442</b>	<b>41.6</b>
United Nations and specialized agencies.....	130,297,424	40,374,764	31.0
United Nations.....	68,695,203	22,332,810	32.5
Food and Agriculture Organization.....	9,225,500	2,999,210	32.5
Intergovernmental Maritime Consultative Organization.....	9,232,500	32,877	14.1
International Civil Aviation Organization.....	4,057,000	1,370,782	33.0
International Labor Organization.....	9,857,110	2,448,967	25.0
International Telecommunication Union.....	2,936,380	298,503	10.1
U.N. Educational, Scientific, and Cultural Organization.....	15,070,703	4,676,765	31.5
Universal Postal Union.....	636,329	126,680	4.3
World Health Organization.....	18,920,520	6,070,273	31.7
World Meteorological Organization.....	660,179	117,897	19.0
United Nations Emergency Force.....	19,000,000	7,915,519	32.5
United Nations Operations in the Congo.....	84,694,404	47,500,657	32.5
Inter-American Organizations.....	15,557,134	10,284,667	66.1
Pan American Union.....	9,775,000	6,451,500	66.0
Exchange of Frequency Notifications.....	19,000	6,419	33.8
Inter-American Children's Institute.....	80,000	32,000	40.0
Inter-American Indian Institute.....	27,660	4,800	17.4
Inter-American Institute of Agricultural Sciences.....	345,187	227,644	66.0
Inter-American Tropical Tuna Commission.....	402,790	400,715	99.5
Pan American Health Organization.....	4,700,000	3,102,000	66.0
Pan American Institute of Geography and History.....	139,400	50,000	35.9
Pan American Railway Congress Association.....	11,914	5,000	42.0
Postal Union of the Americas and Spain.....	50,243	4,589	8.2
<b>Other regional organizations</b> .....	<b>8,872,268</b>	<b>1,970,619</b>	<b>22.2</b>
Caribbean Commission.....	204,082	78,368	38.4
Central Treaty Organization.....	767,696	163,540	20.0
Colombo Plan Council for Technical Cooperation in South and Southeast Asia.....	581,400	32,300	5.6
North Atlantic Treaty Organization, civilian headquarters.....	5,785,000	1,399,970	24.2
North Atlantic Treaty Organization, Parliamentary Conference.....	40,000	9,680	24.2
Southeast Asia Treaty Organization.....	880,000	220,000	25.0
South Pacific Commission.....	614,090	76,761	12.5
<b>Other international organizations</b> .....	<b>9,716,386</b>	<b>2,329,216</b>	<b>24.0</b>
Central Commission for Navigation of the Rhine.....	525,100	75,015	14.3
Coffee Study Group.....	70,000	14,266	20.4
International Atomic Energy Agency.....	6,168,000	1,941,575	32.4
International Bureau of Education.....	137,162	2,500	5.5
International Bureau for the Permanent Court of Arbitration.....	100,300	4,401	4.1
International Bureau for the Publication of Customs Tariffs.....	501,850	26,500	5.3
International Bureau of Weights and Measures.....	413,134	45,000	10.9
International Commission for Northwest Atlantic Fisheries.....	14,050	1,600	9.8
International Cotton Advisory Committee.....	125,234	19,374	15.6
International Council of Scientific Unions and its associated unions.....	182,950	44,583	24.4
International Criminal Police Commission.....	196,793	10,935	5.0
International Hydrographic Bureau.....	381,600	30,600	8.0
International Lead and Zinc Study Group.....	54,000	6,525	12.1
International North Pacific Fisheries Commission.....	55,980	18,669	33.5
International Rubber Study Group.....	42,840	5,530	12.9
International Seed Testing Association <sup>13</sup> .....	17,519	1,050	6.1
International Sugar Council.....	162,400	19,894	12.3
International Union of Official Travel Organizations.....	68,658	1,991	2.9
International Union for the Protection of Industrial Property.....	139,889	6,916	5.0
International Whaling Commission.....	11,200	700	6.3
International Wheat Council.....	134,400	22,863	17.0
Interparliamentary Union.....	141,262	20,648	14.6
North Pacific Fur Seal Commission.....	7,000	1,000	25.0
Permanent International Association of Navigation Congresses.....	9,465	1,500	16.9

See footnotes at end of table.

# APPENDIX I

## HISTORICAL APPENDIX—INDEX TO TABLES IN WHICH HISTORICAL STATISTICS SERIES APPEAR

Listed below are those statistical time series (identified by number) appearing in *Historical Statistics of the United States, Colonial Times to 1857*, for which tables in the *Statistical Abstract* present comparable figures. Historical series are listed only where comparable data are available for a year or years later than 1957. 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*.

Historical Statistics series	1962 Abstract table number	Historical Statistics series	1962 Abstract table number	Historical Statistics series	1962 Abstract table number	Historical Statistics series	1962 Abstract table number
<b>A</b>							
A 1-3	2	C 162-164	137	F 67-103	423	H 213	410
A 4-6	4	C 166-168	137	F 107-216	457	H 215	405
A 9-16	4	C 170	134	F 219-221	457	H 217	405
A 17-21	1	C 185-283	28	F 223-239	458	H 224-225	154
A 34-51	22			F 246	458	H 226-227	155
A 53	22	<b>D</b>		F 253	429	H 228	164
A 56	22	D 2		F 262-303	437	H 229-231	164
A 57	22	D 4-8	280			H 232	168
A 59	22	D 10-11	280	<b>G</b>		H 235-240	154
		D 13	280	G 1-28		H 243-244	140
A 61-65	22	D 14-25	281	G 75-98	444		
A 67-70	22	D 33-34	294	G 90-112	445	H 247-249	157
A 71-94	18	D 46-47	284	G 118	443	H 252-254	154
A 123-180	7	D 48-56	290	G 120-121	446	H 255-261	158
A 181-209	13	D 627	306	G 122	443	H 316-319	170
A 210-227	32	D 630	306	G 124	446	H 321	170
A 228-229	79	D 633	306	G 126-130	446	H 325-326	167
A 242-247	38	D 635-640	306	G 147-165	447	H 327	178
A 255	37	D 642-653	315	G 191	425	H 330	178
A 257-260	37	D 660-677	306	G 193-194	425	H 331-332	168
				G 196	425	H 333	178
<b>B</b>							
B 6	50	D 681-684	306	G 198	425	H 336	178
B 7-9	49	D 696-707	466	G 204-207	425	H 339-362	170
B 10-18	57	D 737-738	319	G 209-212	425	H 363	170
B 19-21	50	D 741	319	G 215-218	425	H 383-384	143
B 22-23	50	D 745	319	G 546-551	111	H 388-387	143
B 31-36	56	D 764-769	319	G 552-572	112	H 389-394	143
B 76-81	51	D 770-773	323	G 574-584	112	H 407-408	153
B 82-100	65	D 774	323			H 411	153
B 101-112	63	D 775-778	324	<b>H</b>		H 412-417	209
B 114-128	70	D 779-780	316	H 5-6	367		
		D 782-783	316	H 8-12	367	H 418	210
		D 785	317	H 13	366	H 421	210
<b>C</b>							
C 1-2	20	<b>E</b>		H 14-15	367	H 432-444	216
C 8	20	E 25-41	461	H 18	367	H 455-456	262
C 10	20	E 42-64	463	H 20-21	367	H 467	262
C 25-73	9	E 101-102	464	H 24	367	H 468-470	262
C 74-78	838	E 104-112	464	H 27-28	367	H 472-474	263
C 80-87	34	E 113	465	H 29	366	H 475-476	264
C 88-114	120	E 114-120	473	H 31-32	366	H 478	264
C 115-124	122	E 121-122	465				
C 133	122	E 124-128	465	H 34	366	H 481-487	264
C 135-137	122	E 133	465	H 37	366	H 488-499	266
C 139	117	E 136-139	465	H 40	366	H 500-515	275
C 140-151	128	E 140-147	466	H 43-45	366	H 516-517	269
C 152-155	126	E 149-170	472	H 48	366	H 519-522	269
C 158-189	134	E 172-175	472	H 55-67	376	H 523-524	270
C 160-161	135	E 177-180	472	H 69-114	373	H 525	269
		E 183	476	H 118-120	377	H 531	47
		E 184-185	476	H 123	362	H 536-537	47
				H 124	384		
				H 125-126	378		
<b>D</b>							
				H 129	378	<b>J</b>	
				H 132-136	378	J 1-2	218
				H 137-148	379	J 6-9	244
				H 140-161	380	J 10	254
				H 162	393	J 11-18	251
				H 166	393	J 20	260
				H 168	393	J 32-33	258
				H 171-174	393	J 49-57	855
				H 175-185	400	J 60-62	855
				H 186-198	401	J 65-79	856
						J 84-85	860
						J 91-102	228



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SERIES APPEAR—Continued

Historical Statistics series	1962 Abstract table number	Historical Statistics series	1962 Abstract table number	Historical Statistics series	1962 Abstract table number	Historical Statistics series	1962 Abstract table number
<b>K</b>		L 131.....	981	M 199.....	994	Q 73-80.....	784
K 1.....	839	L 133.....	981	M 200-201.....	1027	Q 81-84.....	777
K 4-5.....	839	L 135-137.....	981	M 211.....	1028	Q 86.....	777
K 7.....	839	L 140.....	981	M 213-214.....	1029	Q 87-89.....	786
K 8-27.....	852	L 145-147.....	981	M 215-216.....	1030	Q 92.....	777
K 20-33.....	852	L 149-150.....	981	M 217-218.....	1032	Q 93.....	783
K 35-39.....	852	L 155.....	983	M 221.....	1031	Q 95-97.....	777
K 41-45.....	852	L 158-160.....	983			Q 101-102.....	777
K 53-60.....	854	L 160.....	980	M 223-224.....	1031	Q 103-105.....	782
K 61-62.....	841	L 162.....	988	M 225-230.....	1036	Q 106-107.....	777
K 65-72.....	841	L 165.....	989	M 232-234.....	1038	Q 110-111.....	777
K 73-80.....	310	L 167.....	989	M 237-238.....	1038	Q 113.....	777
K 81.....	871	L 177.....	984	M 239-240.....	1040	Q 115-116.....	777
		L 179.....	984	M 246-247.....	1033	Q 117.....	782
K 102-103.....	891	L 181.....	984	M 249.....	1042	Q 124.....	777
K 104-115.....	894	L 183.....	984	M 251-255.....	1043	Q 125-127.....	790
K 116-118.....	886	L 185.....	984	M 256-257.....	1044		
K 120-121.....	886	L 187.....	984	M 259-274.....	1003	Q 138-140.....	788
K 122-128.....	871	L 189.....	984			Q 141-142.....	787
K 120-138.....	874	L 193.....	984	<b>N</b>		Q 143-152.....	789
K 150-158.....	885	L 196-197.....	985	N 1-10.....	1045	Q 153-155.....	834
K 160.....	867			N 13-28.....	1045	Q 161-166.....	834
K 162-167.....	502	<b>M</b>		N 29-54.....	1046	Q 172-174.....	834
K 170-172.....	502	M 2.....	995	N 55-69.....	1048	Q 178-180.....	833
K 173.....	501	M 4-5.....	995	N 68-74.....	1056	Q 192-203.....	825
K 175-177.....	501	M 8.....	995	N 75-84.....	1059	Q 210-215.....	811
K 181-189.....	887	M 13-14.....	990	N 85-92.....	1053	Q 216.....	809
K 190-194.....	890	M 15-19.....	996	N 95-98.....	1053	Q 218-223.....	809
		M 20.....	990	N 101-102.....	1053	Q 225-228.....	809
K 195-202.....	937	M 21-22.....	996	N 106.....	1063	Q 235-237.....	823
K 205-212.....	938	M 24-28.....	996	N 109-113.....	1063	Q 246.....	748
K 214-215.....	940	M 30.....	990	N 116-117.....	1063	Q 248-249.....	749
K 216.....	941	M 31-37.....	996			Q 255-259.....	757
K 217-218.....	940	M 39-50.....	993	N 139.....	1071	Q 261-264.....	752
K 219.....	941	M 51-53.....	991	N 141-146.....	1071	Q 266.....	759
K 220-221.....	940	M 57.....	991	N 154-155.....	597	Q 270-271.....	759
K 222.....	941			N 159.....	598	Q 273-277.....	759
K 223-224.....	940	M 72-76.....	712	N 161.....	1083	Q 279.....	756
K 225.....	941	M 79-80.....	712	N 173-178.....	1082	Q 310-315.....	765
K 226-232.....	945	M 85.....	712	N 179.....	1084	Q 319-320.....	761
		M 88.....	1004	N 181-185.....	1084	Q 321-327.....	764
K 240-241.....	1120	M 91.....	1004	N 186-187.....	598	Q 328-329.....	700
K 242-244.....	946	M 95-96.....	1004	N 188.....	599	Q 330-340.....	791
K 246-251.....	946	M 98.....	1004	N 189.....	1192	Q 342.....	807
K 253.....	946	M 102.....	1004	N 190-194.....	1183	Q 343-344.....	808
K 254-264.....	890	M 106.....	1004	N 196-199.....	602	Q 352-357.....	797
K 265-267.....	905	M 108-116.....	1006	N 201.....	602	Q 359-362.....	797
K 269-271.....	905	M 117.....	1007			Q 363-375.....	799
K 272-273.....	908	M 118.....	1004	<b>P</b>		Q 376-383.....	796
K 274-294.....	905			P 1-2.....	1000	Q 384.....	797
K 296-297.....	928	M 120-123.....	1004	P 4-5.....	1090	Q 388-389.....	797
K 298-303.....	905	M 125.....	1004	P 7-8.....	1090	Q 393.....	797
K 305-315.....	904	M 129.....	1004	P 24-26.....	1100	Q 394.....	796
K 317-328.....	934	M 131-132.....	1004	P 190-191.....	1106	Q 396.....	796
		M 133.....	1011	P 192.....	1110		
<b>L</b>		M 134.....	994	P 194-196.....	1112	<b>R</b>	
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L 7-22.....	960	M 137.....	1010	P 198.....	1121	R 6-13.....	689
L 45-48.....	963	M 138-139.....	1013	P 203-207.....	1143	R 14-15.....	690
L 50-51.....	963	M 142.....	1015	P 208.....	1139	R 17-21.....	690
L 54-60.....	963	M 143-144.....	1013	P 210-211.....	1139	R 23-27.....	690
L 61.....	971	M 148.....	1014	P 212.....	1137	R 28-36.....	691
L 64.....	971	M 150.....	1014	P 233.....	1140	R 38-42.....	691
L 67.....	971	M 152-155.....	1012	P 234.....	1143	R 53.....	696
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		M 157-166.....	1012	<b>Q</b>		R 58-59.....	696
L 72-84.....	966	M 168.....	1011	Q 4.....	773	R 64-65.....	696
L 85-88.....	967	M 171.....	1011	Q 6.....	773	R 68-71.....	698
L 91.....	967	M 178-179.....	1019	Q 8.....	773	R 72-74.....	698
L 92-96.....	968	M 180.....	1024	Q 10.....	773	R 76.....	698
L 100-105.....	961	M 181-182.....	1023	Q 44.....	777	R 78.....	698
L 106-109.....	962	M 183.....	1021	Q 47-51.....	779	R 80.....	698
L 110-111.....	977	M 185.....	1025	Q 55-59.....	779	R 84-85.....	698
L 114-123.....	981	M 188-189.....	1026	Q 60-61.....	777	R 86-89.....	698
L 125-129.....	981	M 190.....	1026	Q 63.....	779	R 90-102.....	1188
		M 193.....	1027	Q 64-72.....	777	R 103.....	702
		M 198.....	1027				

**HISTORICAL APPENDIX—INDEX TO TABLES IN WHICH HISTORICAL STATISTICS  
SERIES APPEAR—Continued**

Historical Statistics series	1962 Abstract table number	Historical Statistics series	1962 Abstract table number	Historical Statistics series	1962 Abstract table number	Historical Statistics series	1962 Abstract table number
R 104-105	704	<b>U</b>		X 251	580	Y 315-316	519
R 110-113	1188			X 283	580	Y 319-323	510
R 114-117	703	U 1-3	1209	X 262-265	583	Y 325-326	510
R 120-126	699	U 4-9	1208	X 281	572	Y 329	510
R 139-141	681	U 10-14	1209	X 283-284	572	Y 331	510
R 148	681	U 15-20	1220	X 286-293	573	Y 333-336	523
R 146-147	683	U 21-44	1215	X 295	573	Y 338-342	522
		U 61-72	1214	X 297-298	573	Y 346-347	522
R 148	687	U 75	1212	X 305-309	610	Y 350-355	500
R 149-150	687	U 77	1212	X 311	610	Y 356-367	505
R 151	683	U 80-93	1212	X 312-313	581	Y 368-369	525
R 162-163	683	U 96	1213	X 322-325	611	Y 372	525
R 164	687	U 100	1213	X 330-331	621	Y 375	525
R 155-156	683	U 102	1213	X 334	621	Y 379	525
R 157	687	U 104-106	1213	X 339-342	621	Y 380-383	503
R 159-159	683	U 108-115	1213	X 344-347	621	Y 384-385	544
R 160	687			X 348-354	620	Y 386-391	543
R 161	688	U 116-121	1218	X 355	624	Y 401-409	544
R 165-167	710	U 123-126	1218	X 358	623	Y 410	550
R 169-172	708	U 128	1218	X 358	623	Y 412-414	546
R 173-186	706	U 130	1218	X 361-362	623	Y 416-422	546
<b>S</b>		U 132-139	1218	X 363-365	622	Y 426-431	546
S 1-14		U 141-144	1218	X 373-377	614	Y 433-437	546
S 15	713	U 140	1218	X 378-380	618	Y 440-445	546
S 16	715	U 148	1218			Y 446-447	544
S 19-23	716	U 150-151	1218	X 403-405	605	Y 448-451	543
S 27-29	716	U 169-171	1195	X 409-414	605	Y 452-460	544
S 32-33	716	U 174-185	1195	X 415-422	607		
S 35	715	U 189-192	1195	X 423-434	624	Y 463	544
S 36-43	723	U 193-206	1196	X 435	628	Y 469-470	540
S 44-47	716	U 208-209	1198	X 436-440	620	Y 480	544
S 49	715	U 211	1198	X 441-468	628	Y 484	544
S 50	717			X 469	636	Y 486-491	547
S 53-57	715	<b>V</b>		X 470-473	635	Y 492	544
S 61-63	715	V 1-3	675	X 474	636	Y 493-494	547
S 66-67	715	V 4-10	645	X 475-478	635	Y 496-499	547
S 69	715	V 30	671	X 479	636	Y 505	547
<b>T</b>		V 33	653	X 480-482	635	Y 508	547
T 1-11	1160	V 65-74	653	X 483-500	385	Y 511	544
T 12-22	1161	V 79-82	653	<b>Y</b>		Y 517	551
T 23-30	1163	V 85	653	Y 28-31	482	Y 519-532	551
T 32-46	1163	V 98-99	650	Y 32-79	485	Y 535-554	551
T 48	1163	V 100-111	656	Y 80-128	484	Y 558-567	551
T 49-50	1165	V 113-114	656	Y 129-133	492	Y 570-574	555
T 62-69	1165	V 124-126	650	Y 136	492	Y 575-578	555
T 71	1165	V 128-130	724	Y 139-145	491	Y 579-580	544
T 72-77	1169	V 135-138	724	Y 146-148	482	Y 581-590	555
T 84-101	1169	V 141	724	Y 155-204	487	Y 591-592	544
T 108-116	1169	<b>W</b>		Y 205-207	560	Y 593-595	555
		W 9-11	301	Y 210	560	Y 601-610	555
T 120-179	1169	W 14-16	302	Y 213	560	Y 611	544
T 208-210	1174	W 18	302	Y 223-224	560	Y 612	555
T 211-212	1177	W 20	302	Y 225-228	564	Y 614-616	555
T 214-216	1177	W 25	302	Y 231	564	Y 622	555
T 218	1177	W 27-32	302	Y 234	564	Y 639	555
T 227-228	1177	W 44	302	Y 236	564	Y 643-644	555
T 230-232	1177	W 48-50	393	Y 238-239	564	Y 648	544
T 234-236	1177	W 62-53	711	Y 241	532	Y 652-661	544
T 238-240	1177	W 65-65	711	Y 245-250	532	Y 660-667	544
T 242-244	1177	W 66-75	744	Y 254	499	Y 670-680	550
T 246	1177	W 77-78	744	Y 255	500	Y 681	544
T 251-252	1177			Y 256	499	Y 683-684	544
T 254	1177	<b>X</b>		Y 257	500	Y 706	544
T 259-260	1177	X 143-151	587	Y 258-262	499	Y 711-712	544
T 279-280	1177	X 166-166	590	Y 264	507	Y 739	343
T 282	1177	X 176-173	590	Y 266	507	Y 741	343
T 291-302	1177	X 177-178	590	Y 268	507	Y 757-762	342
T 310-319	1180	X 181-183	589	Y 270-272	507	Y 763-775	337
T 322-345	1180	X 196-188	589			Y 776	352
T 346-351	1188	X 240-244	606	Y 273-277	608	Y 782-785	352
T 352-355	879	X 245	580	Y 280-283	518	Y 787-800	353
T 359-360	1173	X 247	580	Y 285-289	518	Y 801	355
T 361-365	668			Y 291	518	Y 805-810	355
T 366-367	668			Y 293	511	Y 812-825	356
T 371	668			Y 296-297	511	Y 826-827	358
T 375-386	668			Y 299	511	Y 850	363
				Y 312-313	519	Y 851-852	360

## APPENDIX II

### Weights and measures

#### UNITED STATES UNITS WITH METRIC EQUIVALENTS

1 inch=2.540 centimeters.

1 foot=0.3048 meter.

1 yard=0.9144 meter.

1 mile=1.609 kilometers.

1 square yard=0.8361 square meter.

1 acre=0.4047 hectare.

1 square mile=2.590 square kilometers.

1 cubic inch=16.39 cubic centimeters.

1 cubic foot=0.02832 cubic meter.

1 cubic yard=0.7646 cubic meter.

1 liquid quart=0.9463 liter.

1 gallon=231 cubic inches=3.785 liters.

1 bushel (measured)=2,150.4 cubic inches=35.24 liters.

1 avoirdupois ounce=28.35 grams.

1 troy ounce=31.10 grams.

1 pound=0.4536 kilogram.

1 long ton=2,240 pounds=1.0160 metric tons of 1,000 kilograms.

1 short ton=2,000 pounds=0.9072 metric ton.

#### UNITED STATES GALLON AND BUSHEL WITH BRITISH EQUIVALENTS

1 United States gallon=231 cubic inches=0.8331 imperial gallon.

1 United States bushel=2,150.4 cubic inches=0.9694 imperial bushel.

#### OFFICIAL WEIGHTS OF THE BARREL OF NONLIQUID PRODUCTS

ITEM	Pounds	Kilograms
Wheat flour, barley flour, rye flour, and corn meal (net) <sup>1</sup> .....	196	88.90
Resin, tar and pitch (gross).....	500	226.80
Fish, pickled (net).....	200	90.72
Lime (net).....	200	90.72
Cement (4 bags counted as 1 barrel) (net) <sup>1</sup> .....	376	170.55

<sup>1</sup> Except as noted in the tables.

#### OFFICIAL WEIGHTS OF THE UNITED STATES BUSHEL

ITEM	Pounds	Kilograms
Wheat, beans, peas, potatoes (Irish or white).....	60	27.22
Rye, corn (maize), linseed (flaxseed), maslin (mixed grain).....	56	25.40
Barley, buckwheat.....	48	21.77
Onions.....	57	25.85
Rough rice.....	45	20.41
Malt.....	34	15.42
Oats.....	32	14.51
Peanuts, green, in shell.....	22	9.95
Castor beans.....	50	22.68
Sorghums for grain.....	56	25.40

#### APPROXIMATE WEIGHT OF PETROLEUM AND PRODUCTS

In the United States petroleum and its products are measured by bulk, not weight. Whether handled in containers or without them the quantities are customarily reduced to the equivalent of barrels of 42 United States gallons (barrel thus equals 158.984 liters). In many foreign countries these commodities are measured by weight. The specific gravity of the different grades of crude petroleum and of the finished products varies materially. On the basis of approximate averages the Department of Commerce in converting foreign weight statistics to gallons or barrels of 42 gallons uses the factors shown in the following table:

ITEM	WEIGHT OF UNITED STATES GALLON		WEIGHT OF BARREL OF 42 GALLONS	
	Pounds	Kilograms	Pounds	Kilograms
Crude petroleum.....	7.3	3.311	306.6	139.07
Lubricating oils.....	7.0	3.175	294.0	133.36
Illuminating oils (kerosene).....	6.6	2.994	277.2	125.74
Gasoline and related products (motor spirit, benzine, etc.).....	6.1	2.767	256.2	116.21
Fuel and gas oils.....	7.7	3.493	323.4	146.69

## 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 therein is presented in a particularly convenient form or if primary sources are not readily available. Nonrecurrent publications presenting compilations or estimates for several years or new types of data not available in regular series are also included.

Much valuable information may also be found in State reports (see pp. 986-988) and in reports for particular commodities, industries, or similar segments of our economic and social structure. Because of the large number of such references, they are not included here.

Section references on the right-hand side of each page indicate where data from the report cited appear in the *Statistical Abstract*. Where both current reports and a summary volume are cited, the section reference often appears opposite the summary volume only. Reference to the sections indicated will enable the user to ascertain the type of information presented in the original source. It should not be assumed that all of the subjects from the original source are summarized in the *Abstract*.

Publications listed under each subject are divided into two main groups: "United States Government" and "Other." The location of the publisher of each report is given except for Federal governmental agencies located in Washington.

Major reports, such as the Census of Population, which consist of many volumes, are listed by their general, all-inclusive titles. Specific volume numbers and subtitles of the major census publications are listed at the end of the guide.

Note.—In April 1961, the economic research and statistical reporting functions of the Department of Agriculture were reorganized, affecting the Agricultural Marketing Service, the Agricultural Research Service, and the Foreign Agricultural Service. Some of the work formerly conducted in parts of these three services has been brought together in two agencies, the Economic Research Service and the Statistical Reporting Service. Many of the current reports shown below as issued by AMS, ARS, and FAS are now issued by the two new agencies.

### Accidents—see also Health; Insurance; and Vital Statistics

Abstract  
Sec. No.

#### *United States Government*

##### Bureau of Labor Statistics

Monthly Labor Review. (Accident data.)----- 8, 12

Work Injuries in the United States. Annual. (Separate bulletins issued also on frequency, severity, and kinds of injuries and types and causes of accidents in selected major industries.)----- 8

##### Bureau of Mines

Coal-Mine Fatalities. Monthly.

Coal-Mine Injuries and Employment. Monthly.

Information Circular series. (Periodic publications on injury experience in the coal, metal, nonmetal—except stone and coal—and quarrying industries in the United States.)

Mineral Industry Surveys; Health and Safety Series. (Periodic publications on injury experience in the oil and gas, coking, and slag industries in the United States.)

##### Federal Aviation Agency

FAA Statistical Handbook of Aviation. Annual.

##### Interstate Commerce Commission

Accident Bulletin—Summary and Analysis of Accidents on Railroads in United States. Annual----- 21

Summary of Accidents Reported by All Line-Haul and Switching and Terminal Railroad Companies. Monthly containing quarterly summaries.

##### Public Health Service

Accidental Injury Statistics. Annual.

#### *Other*

##### National Safety Council, Chicago

Accident Facts. Annual.

Accident Rate Pamphlet; Industrial. Annual.

Accident Rate Pamphlet; Motor Transportation. Annual.

Advertising—see Service Establishments.

Agriculture—see also Construction; Irrigation; Labor; Money and Banking;  
and Population*United States Government*

Agricultural Marketing Service (see text note, p. 947)

Trends and Patterns in Levels of Living of Farm Families in the  
U.S. 1958. (Agriculture Information Bulletin No. 181.)

Agricultural Marketing Service and Bureau of the Census

Farmers' Expenditures in 1960, by Regions, for Production and  
Farm Living, With Tables on Off-Farm Income, 1959. (In process.)Supplement to Published Reports on Survey of Farmers' Expendi-  
tures in 1955; Production Expenses; Family Living Expenses; Ex-  
penditures for Motor Vehicles and Machines. 1959. (AMS-354.)

Agricultural Research Service (see text note, p. 947)

Family Farms in a Changing Economy. 1957. (Agriculture Infor-  
mation Bulletin No. 171.)----- 23Index Numbers of Agricultural Production, by Regions, 1939-58.  
1960. (Statistical Bulletin No. 273.)Major Uses of Land in the United States; Summary for 1959. 1962.  
(Agriculture Information Bulletin No. 168.)----- 23

Bureau of the Census

Census of Agriculture. Quinquennial. (1959, most recent)----- 23, 24, 32

Cotton Production and Distribution. Annual----- 24, 29

Cotton Production in the United States. Annual.

Raw Materials in the United States Economy: 1900-1957. 1960.  
(Working Paper No. 6.)----- 27United States Commodity Exports and Imports as Related to Output.  
Annual. (Series ES2.)

Commodity Exchange Authority

Commodity Futures Statistics. Annual----- 16

Crop Reporting Board

Crop Production. (Acreage, production, and average yield of prin-  
cipal crops, by States.) Monthly with annual summary----- 24Crop Values; Season Average Prices Received by Farmers and Value  
of Production, by States. Annual----- 24

Number of Farms, by States, 1950-59. 1962

Production of Manufactured Dairy Products. Annual----- 24

Department of Agriculture

Agricultural Land Resources in the United States, with Special Refer-  
ence to Present and Potential Cropland and Pasture (with List  
of Literature Cited). 1955. (Agriculture Information Bulletin  
No. 140.)Department of Agriculture, Economic Research Service (see text note,  
p. 947)

Agricultural Economics Research. Quarterly----- 29

Agricultural Finance Review. Annual with supplement----- 16, 23

The Balance Sheet of Agriculture. Annual----- 23

Changes in Farm Production and Efficiency. Annual----- 24

Costs and Returns on Commercial Farms; Long-Term Study, 1930-57.  
1961. (Statistical Bulletin No. 297.)Farm Costs and Returns; Commercial Farms by Type, Size, and  
Location. Annual. (Agriculture Information Bulletin.)Farm-Retail Spreads for Food Products; Costs, Prices. Annual sup-  
plements to the 1957 report issued by the Agricultural Marketing  
Service. (Miscellaneous Publication No. 741.)

Foreign Agricultural Trade. Monthly and annual----- 24

Measuring the Supply and Utilization of Farm Commodities, New  
Indexes, 1924-54. Annual supplements to the 1955 report issued  
by the Agricultural Marketing Service. (Agricultural Handbook  
No. 91.)Situation Reports. (Separate reports on various commodities and  
on aspects of agriculture such as farm income, marketing, trans-  
portation, etc.) Monthly, quarterly, annual----- 23, 24

**Agriculture—Continued**Abstract  
Sec. No.*United States Government—Continued*

Department of Agriculture, Statistical Reporting Service (see text note, p. 947)	
Agricultural Statistics. Annual.....	2, 8, 18, 19, 23, 24, 29, 32
Agricultural Prices. Monthly with annual summary.....	23
Crop and Livestock Reports. (Farm production and disposition of principal crops, meat animals, milk, chickens, eggs, turkeys, etc.)	
Monthly, quarterly, annual.....	24
Farmer Cooperative Service	
Statistics of Farmer Cooperatives. Annual.....	23
Federal Aviation Agency	
Aircraft in Agriculture, 1959. June 1961. Annual.....	23
Foreign Agricultural Service (see text note, p. 947)	
Quantity Indexes of U.S. Agricultural Exports and Imports. Revised January 1960. (FAS-M-76.)	

*Other*

- National Bureau of Economic Research, New York  
 Capital in Agriculture: Its Formation and Financing Since 1870, by Alvin S. Tostlebe. 1957. (Studies in Capital Formation and Financing 2.)
- Social Science Research Council, New York (John Wiley and Sons)  
 American Agriculture; Its Structure and Place in the Economy, by Ronald L. Mighell. (A volume in Census Monograph Series; prepared for Social Science Research Council in cooperation with Bureau of the Census and the Agricultural Research Service.) 1955.

Air Force—see Military Services.

Airports—see Land and Air Transportation.

Aliens—see Immigration.

American Samoa—see Outlying Areas.

Area—see Geography.

Army—see Military Services.

Aviation—see Land and Air Transportation.

Banks and Banking—see Money.

Births—see Vital Statistics.

Broadcasting—see Communications.

Building Permits—see Construction.

**Business**—see also Economic Indexes; Investments; Manufactures; Scientific Research and Development; Service Establishments; and Wholesale and Retail Trade

*United States Government*

Administrative Office of the United States Courts	
Tables of Bankruptcy Statistics. Annual.....	17
Board of Governors of the Federal Reserve System	
Federal Reserve Bulletin. Monthly.....	11, 14, 16, 17, 20, 27-31
Bureau of the Census	
Census of Business. (1930; 1933; 1935; 1937-38; 1939; 1948; 1954; 1958, most recent.).....	30, 32
Bureau of the Census and Bureau of Old-Age and Survivors Insurance	
County Business Patterns. Annually, 1946 to 1951; 1953; 1956; and 1959; for First Quarter.....	17
Federal Trade Commission	
Report on Corporate Mergers and Acquisitions. 1955.....	17
Federal Trade Commission and Securities and Exchange Commission	
Quarterly Financial Report for Manufacturing Corporations.....	17
Internal Revenue Service	
Statistics of Income. (Annual report on Corporation Income Tax Returns).....	10, 14, 17, 30
Office of Business Economics	
Survey of Current Business. Monthly. Supplemented by Business Statistics, weekly and biennial.....	7, 9, 11, 12, 14, 16, 17, 22, 25, 29-31

**Business—Continued**Abstract  
Sec. No.*United States Government—Continued**President*

Economic Report of the . . . together with the Annual Report of the Council of Economic Advisers. Annual----- 11

*Securities and Exchange Commission*

Net Working Capital of U.S. Corporations. Quarterly----- 17

Plant and equipment expenditure survey releases of U.S. business. Quarterly----- 17

*Small Business Administration*

Semiannual Report.

*Other**Dun & Bradstreet, New York*

Dun's Review and Modern Industry. Monthly. The Failure Record Through 1960. Annual----- 17

*Fortune (Time, Inc.), New York*

The Fortune Directory (of industrial corporations, banks, etc. Annual supplement to Fortune)----- 17

*National Bureau of Economic Research, New York.*

Industrial Demands Upon the Money Market: A Study in Fund-Flow Analysis, by Wilson F. Payne, 1961. (Technical Paper 14.)

Merger Movements in American Industry, 1895-1956, by Ralph L. Nelson. 1959. (General Series 66.)

Output, Input, and Productivity Measurement. 1961. (Studies in Income and Wealth 25.)

Canal Zone—see Outlying Areas.

Child Welfare—see Education; and Social Insurance.

City Government—see State and Local Government.

Civil Aeronautics—see Land and Air Transportation.

Civil Service—see Federal Government; and State and Local Government.

**Climate***United States Government**Weather Bureau*

Climatological Data. National Summary; also issued in sections for States and outlying areas. Monthly with annual summary.

Daily River Stages. Annual.

Hourly Precipitation Data. Monthly with annual summary.

Local Climatological Data. Monthly with annual summary.

Monthly Weather Review.

Weekly Weather and Crop Bulletin, National Summary.

**Commodity Prices***United States Government**Board of Governors of the Federal Reserve System*

Federal Reserve Bulletin. Monthly----- 11, 14, 16, 17, 20, 27-31

*Bureau of Labor Statistics*

Average Retail Prices, 1955. 1956. (Bulletin No. 1197.)

Consumer Price Index. Monthly.

Consumer Price Index. Price Indexes for Selected Items and Groups. Quarterly----- 12

Consumer Prices in the United States, 1953-58; Price Trends and Indexes. 1959. (Bulletin No. 1256.)

Daily Spot Market Price Indexes and Prices, January 1, 1957-December 31, 1959. 1961; also daily and weekly releases----- 12

Monthly Labor Review----- 8, 12

Retail Food Prices by Cities. Monthly and annual averages----- 12

Retail Prices of Food; Indexes and Average Prices. Biennial. 12

Retail Prices of Fuels and Electricity. Monthly----- 12

Wholesale Prices and Price Indexes. Monthly and annual----- 12, 27

*Crop Reporting Board*

Crop Values; Season Average Prices Received by Farmers and Value of Production, by States. Annual----- 24

**Commodity Prices—Continued**Abstract  
Sec. No.*United States Government—Continued*

- Department of Agriculture, Statistical Reporting Service  
 Agricultural Prices. Monthly with annual summary----- 23  
 Agricultural Statistics. Annual----- 2, 8, 18, 19, 23, 24, 29, 32

*Other*

- Commodity Research Bureau, New York  
 Commodity Yearbook. Annual.  
 Morgan Guaranty Trust Company of New York, New York  
 The Morgan Guaranty Survey. Monthly. (Wholesale price index.)  
 National Bureau of Economic Research, New York  
 The Price Statistics of the Federal Government. Report of Price  
 Statistics Review Committee. 1961. (General Series 73.)  
 Wall Street Journal. (Dow Jones & Company, New York) Daily except  
 Saturdays, Sundays, and holidays.

**Communications—see also Newspapers***United States Government*

- Bureau of the Census  
 Households with Television Sets in the United States. Irregular.  
 (Current Housing Reports, H-121, Housing Characteristics.)----- 18  
 Congress. House Committee on Interstate and Foreign Commerce  
 Network Broadcasting. 1958. (85th Congress, 2d Session. House  
 Report No. 1297.)  
 Department of Commerce  
 Survey of Economic Effects of Third-Class Bulk Mail Increase.  
 Submitted by the Secretary of Commerce to the Senate and House  
 of Representatives. 1960. Statistical Supplement. 1961.  
 Federal Communications Commission  
 Annual Report----- 18  
 Operating Data From Monthly Reports of Large Telegraph, Cable,  
 and Radio-Telegraph Carriers, Each Having Annual Operating  
 Revenues in Excess of \$250,000. Monthly.  
 Operating Data from Monthly Reports of Telephone Carriers Filing  
 Annual and Monthly Reports. Monthly.  
 Statistics of Communications Common Carriers. Annual----- 18  
 Post Office Department  
 Annual Report of the Postmaster General----- 18  
 Cost Ascertainment Report. Annual----- 18

*Other*

- Advertising Research Foundation, New York  
 National Survey of Television Sets in U.S. Households. Annual.  
 American Telephone and Telegraph Company, New York  
 The World's Telephones. Annual.  
 National Bureau of Economic Research, New York  
 Capital in Transportation, Communications, and Public Utilities:  
 Its Formation and Financing, by Melville J. Ulmer. 1959. (Stud-  
 ies in Capital Formation and Financing 4.)  
 United States Independent Telephone Association, Washington, D.C.  
 Statistics of the Independent Telephone Industry. Annual----- 18

**Construction, Housing, and Real Estate—see also Roads***United States Government*

- Board of Governors of the Federal Reserve System  
 Federal Reserve Bulletin. Monthly----- 11, 14, 16, 17, 20, 27-31  
 Bureau of the Census  
 Census of Housing. Decennial. (1960)----- 28, 32  
 Congressional District Data Book (Districts of the 87th Congress).  
 1961 (A Statistical Abstract Supplement)----- 28  
 Construction Reports. Monthly series on Housing Starts, C-20;  
 Value of New Construction Put in Place, C-30; New Dwelling  
 Units Authorized by Local Building Permits, C-40; New Residential  
 Construction Authorized in Permit-Issuing Places, C-42; Expendi-  
 tures for Residential Additions and Alterations, C-50----- 28



**Construction, Housing, and Real Estate—Continued**Abstract  
Sec. No.*United States Government—Continued***Bureau of the Census—Continued**

New Residential Construction Authorized in Permit-Issuing Places:  
Revised Data for April 1960 and Prior Periods. 1960. (Construction Reports, C-49, Building Permits.)

1956 National Housing Inventory..... 28

Vacant Housing Units in the United States. Quarterly. (Current Housing Reports, H-111, Housing Vacancies.)..... 28

**Bureau of Labor Statistics**

Construction Cost Indexes; Annual Indexes, 1915-53; Monthly Indexes, January 1949-July 1954, 1954. (Report No. 73.)..... 28

Construction During Five Decades: Historical Statistics, 1907-52. 1954. (Bulletin No. 1146.)

Consumer Price Index. Monthly release. (Housing rent indexes.)

Monthly Labor Review..... 8, 12, 26

New Housing and Its Materials, 1940-56. 1958. (Bulletin No. 1231.)

Nonfarm Housing Starts, 1889-1958. 1959. (Bulletin No. 1260.)..... 28

Trends in Building Permit Activity. 1959. (Bulletin No. 1243.)

Union Wages and Hours: Building Trades. Quarterly and Annual.

**Bureau of Labor Statistics and Business and Defense Services Administration**

Construction Volume and Costs, 1915-1956..... 28

Value of New Construction Put in Place, 1945-1958 (New Construction Expenditures). 1959..... 28

**Business and Defense Services Administration**

Construction Materials Statistics, 1947-1957. 1959.

Construction Review. Monthly and Statistical Supplement.. 12, 20, 25, 28

**Department of Agriculture, Economic Research Service**

Current Developments in the Farm Real Estate Market. Three times a year..... 23

**Federal Home Loan Bank Board**

Annual Report..... 28

Mortgage Investment of Life Insurance Companies. Annual.

Savings and Home Financing Source Book. Annual..... 16, 28

**Federal Housing Administration**

Annual Report.

**Housing and Home Finance Agency**

Annual Report..... 28

Housing Statistics. Monthly. Historical Supplement, October 1961.

**Office of Business Economics**

Survey of Current Business. Monthly. Supplemented by Business Statistics, weekly and biennial..... 7, 9, 11, 12, 14, 16, 17, 22, 25, 29-31

**Office of Education**

Financing Public School Facilities. 1959. (Miscellaneous No. 32.)

**Urban Renewal Administration**

Annual Report..... 28

**Other**

Construction Daily. (McGraw-Hill, New York)..... 28

**Dodge, F. W., Corporation, New York**

Dodge Construction Contract Statistics Services. Monthly. (Construction data.)..... 28

**Dun & Bradstreet, New York**

Dun's Review and Modern Industry. Monthly. (Building permit data.)

Engineering News Record. Weekly. (Construction cost index.) (McGraw-Hill, New York)..... 28

**National Bureau of Economic Research, New York**

Capital Formation in Residential Real Estate: Trends and Prospects, by Leo Grebler, David M. Blank, and Louis Winnick. 1956. (Studies in Capital Formation and Financing 1.)

**Construction, Housing, and Real Estate—Continued**Abstract  
Sec. No.*Other—Continued*

- National Bureau of Economic Research, New York—Continued  
 Housing Issues in Economic Stabilization Policy, by Leo Grebler.  
 1960. (Occasional Paper 72.)  
 The Postwar Residential Mortgage Market, by Saul B. Klamman.  
 1961. (Studies in Capital Formation and Financing 8.)  
 The Postwar Rise of Mortgage Companies, by Saul B. Klamman.  
 1959. (Occasional Paper 60.)  
 Urban Mortgage Lending: Comparative Markets and Experience,  
 by J. E. Morton. 1956. (Studies in Urban Mortgage Financing  
 6.)  
 The Volume of Mortgage Debt in the Postwar Decade, by Saul B.  
 Klamman, 1958. (Technical Paper 13.)  
 Social Science Research Council, New York (John Wiley and Sons)  
 Census Monograph Series; prepared for Social Science Research  
 Council in cooperation with Bureau of the Census  
 American Housing and Its Use; the Demand for Shelter Space, by  
 Louis Winnick with the assistance of Ned Shilling. 1957.  
 Farm Housing, by Glenn H. Beyer and J. Hugh Rose. 1957.  
 Residential Finance, 1950, by Richard U. Rateliff, Daniel B.  
 Rathbun, and Junia H. Honnold. 1958.----- 28

**Consumer Income and Expenditures—see also Agriculture; Economic In-  
 dexes; Investments; and National Income***United States Government*

- Bureau of the Census  
 Current Population Reports. (Series P-60, consumer income.)  
 Periodic----- 4, 10, 11  
 Bureau of Labor Statistics  
 Monthly Labor Review----- 8, 12  
 Survey of Consumer Expenditures in 1950.  
 Family Income, Expenditures, and Savings in 1950. (91 urban  
 places.) Bulletin No. 1097 (revised).  
 Study of Consumer Expenditures, Incomes, and Savings; Statisti-  
 cal Tables, Urban U.S.—1950, Vols. I-XVIII, in cooperation  
 with University of Pennsylvania, Wharton School of Finance  
 and Commerce.  
 Department of Agriculture  
 Household Food Consumption Survey 1955. 1956-62. (Reports 1-17).  
 Internal Revenue Service  
 Statistics of Income. (Annual report on Individual Income Tax  
 Returns.)----- 10, 14, 17, 30  
 Office of Business Economics  
 Income Distribution in the United States, by Size, 1944-1950. (Supple-  
 ment to Survey of Current Business.) 1953. Updated and pub-  
 lished annually in the April issue----- 11  
 Personal Income by States Since 1929. (Supplement to Survey of  
 Current Business.) 1958. Updated and published annually in the  
 August issue----- 11  
 Survey of Current Business. Monthly statistics and special ar-  
 ticles----- 7, 9, 11, 12, 14, 16, 17, 22, 25, 29-31  
 Securities and Exchange Commission  
 Statistical Bulletin. Monthly----- 11, 16  
 Volume and Composition of Individuals' Saving. Quarterly----- 11

*Other*

- Friend, I., with the assistance of Natrella, V. (John Wiley and Sons)  
 Individuals' Saving: Volume and Composition. 1954.  
 Goldsmith, R. W. (Princeton, N. J., Princeton University Press)  
 A Study of Saving in the United States, Vol. III. 1956----- 11  
 Michigan, University, Survey Research Center, Ann Arbor  
 Survey of Consumer Finances. Annual----- 11, 14, 16, 17, 20, 28, 31  
 National Bureau of Economic Research, New York  
 Consumer Expectations, Plans, and Purchases; A Progress Report,  
 by F. Thomas Juster. 1959. (Occasional Paper 70.)

## Consumer Income and Expenditures—Continued

*Other*—Continued

## National Bureau of Economic Research—Continued

Personal Income During Business Cycles, by Daniel Creamer assisted by Martin Bernstein. 1956. (Studies in Business Cycles 6.)

The Quality and Economic Significance of Anticipations Data: A Conference of the Universities National Bureau Committee for Economic Research. 1960. (Special Conference Series 10.)

Shares of Upper Income Groups in Income and Savings, 1950, by Simon Kuznets. 1953. (General Series 55.)

National Industrial Conference Board, New York

Conference Board Business Record. Monthly.

The Economic Almanac. Biennial.

Pennsylvania, University, Philadelphia

Consumption and Saving; Conference Proceedings, 1959. 1960.

Consumption Patterns of the Aged, by Sidney Goldstein. 1960.

Methodology of the Survey of Consumer Expenditures in 1950, by Helen Humes Lamale. 1959.

Study of Consumer Expenditures, Incomes, and Savings.

Social Science Research Council, New York. (John Wiley and Sons)

Income of the American People, by Herman P. Miller. (A volume in

Census Monograph Series; prepared for Social Science Research Council in cooperation with Bureau of the Census.) 1955.

Consumer Prices—*see* Commodity Prices.

Corporations—*see* Business; and Manufactures.

Correctional Institutions—*see* Law Enforcement.

Cost of Living—*see* Commodity Prices.

County Government—*see* State and Local Government.

Courts—*see* Law Enforcement.

Crime—*see* Law Enforcement.

Crops—*see* Agriculture; and Climate.

Deaths—*see* Vital Statistics.

Debt—*see* Agriculture; Construction; Federal Government; Money; and State and Local Government.

Divorce—*see* Vital Statistics.

Drainage—*see* Irrigation.

Economic Indexes—*see also* Agriculture; Business; Commodity Prices; and Manufactures

*United States Government*

Board of Governors of the Federal Reserve System

Federal Reserve Bulletin. Monthly. (Also monthly releases on business and industrial production indexes.)----- 11, 14, 16, 17, 20, 27-31

Federal Reserve Chart Book on Financial and Business Statistics.

Monthly with Historical Supplement issues annually in September.

Industrial Production; 1959 Revision. 1960.

Industrial Production; Chart Book. 1959 Revision. 1961.

Bureau of the Census

Business Cycle Developments. Monthly.

Bureau of Labor Statistics

Monthly Labor Review----- 8, 12

Council of Economic Advisers

Economic Indicators. Monthly. Historical supplement issued irregularly. Latest 1960.

Office of Business Economics

Survey of Current Business. Monthly. Supplemented by Business Statistics, weekly and biennial----- 7, 9, 11, 12, 14, 16, 17, 22, 25, 29-31

President

Economic Report of the . . . together with the Annual Report of the Council of Economic Advisers. Annual----- 11

*Other*

Business Week. (McGraw-Hill, New York.) (Index of business activity.)

Federal Reserve banks

Monthly review published by each bank with special reference to its own Federal Reserve district.

**Economic Indexes—Continued**Abstract  
Sec. No.*Other—Continued*

- National Bureau of Economic Research, New York  
 The Average Workweek as an Economic Indicator, by Gerhard Bry.  
 1959. (Occasional Paper 69.)  
 Business Cycle Indicators, Geoffrey H. Moore, ed. 1961. (Studies  
 in Business Cycles 10.)  
 Productivity Trends in the United States, by John W. Kendrick.  
 1961. (General Series 71.)  
 Signals of Recession and Recovery: An Experiment with Monthly  
 Reporting, by Julius Shiskin. 1961. (Occasional Paper 77.)  
 National Industrial Conference Board, New York  
 Conference Board Business Record. Monthly.  
 The Economic Almanac. Biennial.  
 Management Record. Monthly.

**Education—see also Scientific Research and Development***United States Government*

## Bureau of the Census

- Census of Population. Decennial. (1960, most recent.)— 1, 2, 4, 6, 8, 13, 32  
 Current Population Reports. (Series P-20, P-25, and P-27, popula-  
 tion characteristics.)— 1, 2, 4, 10  
 Public School Systems in 1960. 1960. (State and Local Govern-  
 ment Special Studies, No. 44.)

## Bureau of Labor Statistics

- School and Early Employment Experience of Youth—A Report on  
 Seven Communities, 1952-57. 1960. (Bulletin No. 1277.)— 4  
 Special Labor Force Reports. Irregular— 4

## Congress. House. Committee on Appropriations.

- Comparison of United States and U.S.S.R. Science Education; Hear-  
 ings Before the Subcommittee of the . . . 1960. (86th Congress,  
 2d Session. At head of title: National Science Foundation.)

## Department of Health, Education, and Welfare

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International Satellite and Space Probe Summary----- 19  
Satellite Situation Report. March 27, 1962----- 19  
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Waterborne Commerce of the United States. Annual..... 22

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Summary of Passport Statistics. Quarterly with cumulative issue in December..... 3

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*United States Government*

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nual releases on department stores; monthly releases on furniture  
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old Barger. 1955. (General Series No. 58.)

Wholesale Prices—see Commodity Prices.

Workmen's Compensation—see Social Insurance.

Work Relief—see Social Insurance.

Work Stoppages—see Labor.

## PUBLICATIONS OF MAJOR CENSUSES

Listed below are major reports of the 1960 Censuses of Population and Housing, the 1959 Census of Agriculture, the 1958 Censuses of Business and Manufactures and Mineral Industries, and the 1957 Census of Governments. In most cases separate reports are available for each State, subject, industry, etc. Preliminary reports which have been issued are not included in the list.

Complete information on publications of all the censuses appears in the *Catalog of United States Census Publications*, which is published quarterly and cumulated to the annual issue. A sample copy is available from the Bureau of the Census on request. The annual subscription price is \$1.25 for 4 quarterly issues and 12 monthly supplements.

## 1960 CENSUS OF POPULATION

- Vol. I. Characteristics of the Population. Separate reports for the United States, each State, the District of Columbia, Puerto Rico, Guam, Virgin Islands, American Samoa, and Canal Zone. First issued in four separate, paperbound chapters, designated as A, B, C, and D, for each area. The four chapters for each area will then be assembled and issued in buckram as numbered parts of Vol. I. In addition, all of the 57 chapters A have been assembled and issued in buckram as Part A, of Vol. I.
- Chapter A. Number of Inhabitants. Final population counts for States and counties and their urban and rural parts, and for standard metropolitan statistical areas, urbanized areas, all incorporated places, unincorporated places of 1,000 or more inhabitants, and minor civil divisions.
- Chapter B. General Population Characteristics. Sex, age, marital status, color or race, and relationship to head of household.
- Chapter C. General Social and Economic Characteristics. Statistics on nativity and parentage, State of birth, mobility, education, families and their composition, employment status, occupation, income, and other subjects.
- Chapter D. Detailed Characteristics. (Scheduled to be issued March–December 1962.) These reports will present most of the subjects covered in chapter C, above, cross-classified by age, color, and other characteristics, with additional information on families, single years of age, occupation, and industry.
- Vol. II. Subject Reports. Comprising 34 reports, scheduled to be issued in 1962 and 1963. Devoted essentially to detailed cross-relationships for the United States and regions and, in some cases, standard metropolitan statistical areas, for such subjects as national origin and race, fertility, families, marital status, migration, education, employment, unemployment, occupation, industry, and income.
- Vol. III. Selected Area Reports. (Scheduled to be issued in 1962 and 1963.) Three reports showing selected characteristics of the population (1) for State economic areas, (2) according to size of place and metropolitan status, and (3) for Americans overseas.
- Vol. IV. Summary and Analytical Report. (Scheduled to be issued December 1962.) A review of the results of the 1960 Census for each major subject field.
- Census Tract Reports. One report for each of 180 tracted areas in the United States and Puerto Rico. Information on population and housing subjects.

## 1960 CENSUS OF HOUSING

- Vol. I. States and Small Areas. (States issued December 1961–May 1962. U.S. Summary scheduled to be issued September 1962.) Separate reports for the United States, each State, the District of Columbia, Puerto Rico, Guam, and Virgin Islands. Information on tenure, color, vacancy status, population per occupied housing unit, number of persons per room, number of rooms, type of structure, condition and plumbing facilities, equipment and facilities, financial characteristics and other subjects, for the State as a whole, counties, urbanized areas, standard metropolitan statistical areas, and places of 1,000 inhabitants or more.
- Vol. II. Metropolitan Housing. (Scheduled to be issued July–October 1962; some advance reports available earlier.) 202 reports; one for the United States, one for each geographic division, one for each standard metropolitan statistical area with 100,000 or more inhabitants, and separate reports for the San Juan and Ponce SMSA's in Puerto Rico.
- Vol. III. City Blocks. 421 reports; one for each city with 50,000 inhabitants or more in the 1950 Census or in subsequent special censuses, and reports covering about 200 places that requested inclusion in the block statistics program.

## 1960 CENSUS OF HOUSING—Continued

## Vol. IV. Components of Inventory Change.

Part 1A. 1950 to 1959 Components, United States and selected metropolitan areas. 18 reports, one each for the United States (scheduled to be issued July 1962) and for 17 large metropolitan areas (15 standard metropolitan statistical areas, and 2 standard consolidated areas; issued December 1961–May 1962), on the source of the 1959 inventory and the disposition of the 1950 inventory in terms of such changes as new construction, conversion, merger, and demolition, and of units which remained the same. Characteristics shown for all units.

Part 1B. Inventory Characteristics, United States and selected metropolitan areas. (Scheduled to be issued May–July 1962.) 18 reports (same as part 1A) on characteristics of the inventory and of households involved in moves in 1958–1959.

Part 2. 1957 to 1959, United States and selected metropolitan areas. (Scheduled to be issued August–December 1962.) 10 reports, one each for the United States and for 9 of the selected areas (those covered in the 1956 National Housing Inventory). Measurements and characteristics of the components of change since 1956.

## Vol. V. Residential Finance.

Part 1. Homeowner Properties, United States and selected metropolitan areas. (Scheduled to be issued July 1962.) Data on financing and characteristics, for the United States by region and for each of 17 large metropolitan areas.

Part 2. Rental and Vacant Properties, United States. (Scheduled to be issued December 1962.) Data similar to those in Part 1, for the United States.

## Vol. VI. Rural Housing, Economic Subregions. (Scheduled to be issued November 1962.) Analytical tables for 121 subregions and the United States, showing interrelationships between selected housing and household characteristics of occupied units.

## Vol. VII. Housing of Senior Citizens. (Scheduled to be issued August 1962.) Cross tabulations of housing and household characteristics of units occupied by persons 60 years old and over, for the United States, each State, the District of Columbia, and selected standard metropolitan statistical areas.

## 1959 CENSUS OF AGRICULTURE

## Vol. I. Counties. 54 reports; one for each State, Puerto Rico, Guam, Virgin Islands, and American Samoa. Data on number of farms, farm characteristics, acreage, land use, land-use practices, irrigation, facilities and equipment, labor, expenditures, fertilizer, livestock, crops, value of farm products, etc.

## Vol. II. General Report—Statistics by Subjects. 13 reports. Data for the United States, regions and divisions, and States. The subject-matter chapters, issued separately, are:

Chap.	Title	Chap.	Title
	Introduction	VII	Field Crops and Vegetables
I	Farms and Land in Farms	VIII	Fruits and Nuts, Horticultural Specialties, and Forest Products
II	Age, Residence, Years on Farm, Work Off Farm	IX	Value of Farm Products
III	Farm Facilities, Farm Equipment	X	Color, Race, and Tenure of Farm Operator
IV	Farm Labor, Use of Fertilizer, Farm Expenditures, Cash Rent	XI	Economic Class of Farm
V	Size of Farm	XII	Type of Farm
VI	Livestock and Livestock Products		

## Vol. III. Irrigation of Agricultural Lands. Data for the 17 western States and Louisiana and for the conterminous United States, by drainage basins, on number of establishments, water conveyed, area served, number of farm water users served, number of enterprises by size and type of organization, sources of water, and area irrigated. Also includes data on land irrigated and acres and production of crops on irrigated land in the 18 States in conterminous U.S. and Hawaii.

## Vol. IV. Drainage of Agricultural Lands. Data for States, counties, and the conterminous United States on number and area of projects, areas drained and used for agriculture, costs for construction of drainage works and services, and new drainage works constructed, enlarged, or installed.



## 1959 CENSUS OF AGRICULTURE—Continued

Vol. V. Special Reports. This volume comprises 6 parts:

- Part 1. Horticultural Specialties. Data by States for the conterminous United States on number and kinds of operations; gross receipts and/or sales; sales of individual nursery products, flower seed, vegetables grown under glass, bulb crops and propagated mushrooms; number of container-grown plants; inventory of selected growing stock; employment; structures and equipment.
- Part 2. Irrigation in Humid Areas. Data for 30 eastern States on acres irrigated, number of constructed ponds and reservoirs, source of water, method of application, type of power, acreage of individual crops irrigated, and frequency of irrigation by States and counties.
- Part 3. Ranking Agricultural Counties. Data on selected items of inventory and agricultural production for the leading counties in the United States.
- Part 4. Farm Taxes and Farm Mortgage. A cooperative report by the Economic Research Service of the Department of Agriculture and the Bureau of the Census. Data by States on farm and ranch taxes, number of mortgaged farms, mortgage debt held by principal lending agencies, interest paid, etc.
- Part 5. 1960 Sample Survey of Agriculture. Data by economic class and type of farm on income of farm families from off-farm sources, value of farm products sold, cash farm operating expenses, number of selected types of farm equipment and acres on which used, wheel tractors by year of manufacture and kind of fuel used, construction of new buildings, number of farmers having contracts for the production and marketing of 15 farm products, and real estate and non-real-estate debt of farm operators and landlords.
- Part 6. A Graphic Summary of Agriculture, 1959. A cooperative report by the Economic Research Service of the Department of Agriculture and the Bureau of the Census. Presents graphically some of the significant uses made of agricultural land, the extent and nature of the various farm tenures, and changes and developments in agricultural resources and production.

## 1958 CENSUS OF BUSINESS

## Retail Trade

- Vol. I. Summary Statistics. Reports on each of 4 subjects: Sales size, employment size, single units and multiunits, and legal form of organization.
- Vol. II. Area Statistics. A separate report for each State, the District of Columbia, and the United States. Statistics for the State, standard metropolitan statistical areas, counties, and cities, by kind of business.

## Wholesale Trade

- Vol. III. Summary Statistics. 5 reports on: Sales size and employment size; receivables and bad debt losses; sales by class of customer; commodity-line sales; petroleum bulk stations and terminals.
- Vol. IV. Area Statistics. A separate report for each State, the District of Columbia, and the United States. Statistics for the State, standard metropolitan statistical areas, counties, and cities, by kind of business.

## Selected Services

- Vol. V. Summary Statistics. 7 reports on: Receipts size; employment size; single units and multiunits; legal form of organization; laundry, cleaning, and related services; hotels, motels, and tourist courts; and motion pictures.
- Vol. VI. Area Statistics. A separate report for each State, the District of Columbia, and the United States. Statistics for the State, standard metropolitan statistical areas, counties, and cities, by kind of business.

Public Warehousing. 1 report. Presents measures of space, revenue, employment, and payroll of the various types of public warehouses, for the United States, each State, and the larger standard metropolitan statistical areas.

Central Business District Statistics. 98 reports, one for each of 97 standard metropolitan statistical areas and a summary report. Data for central business districts, and for major retail centers, central cities, central cities exclusive of the CBD's, the SMSA, and the SMSA exclusive of CBD's.

Company Statistics. Basic statistics collected in the 1958 economic censuses for establishments, but aggregated to company totals.

Puerto Rico Census of Business. Conducted jointly with the Puerto Rico Planning Board, Government of the Commonwealth of Puerto Rico.

**1958 CENSUS OF MANUFACTURES**

- Vol. I. Summary Statistics.** 12 reports. Detailed statistics for size of establishments, inventories, new capital expenditures, fuels and electric energy, distribution of manufacturers' sales by class of customer, and other subjects.
- Vol. II. Industry Statistics and Major Groups.** 80 separate reports presenting data for each of the approximately 425 manufacturing industries on product shipments, materials consumption, cost of fuels and electric energy, value added by manufacture, employment, payrolls, man-hours, inventories, new capital expenditures, number of establishments, and number of companies.
- Vol. III. Area Statistics.** Separate reports for each State and the District of Columbia. Statistics for the State, standard metropolitan statistical areas, counties, and cities with 10,000 inhabitants or more.
- Company Statistics.** (See 1958 Census of Business, on page 984.)
- Puerto Rico Census of Manufactures.** Conducted jointly with the Puerto Rico Planning Board, Government of the Commonwealth of Puerto Rico.

**1958 CENSUS OF MINERAL INDUSTRIES**

- Vol. I. General Summary and Industry Statistics.** 25 reports.  
About 7 subject reports providing detailed statistics, by industry and generally by geographic area, for: Size of establishment, employment and related statistics, company characteristics, energy and selected supplies, and type of operation.  
18 reports, 1 for each of 18 industries or groups of industries, including statistics on number of establishments, quantity and value of shipments and receipts, number of employees, man-hours, principal expenses, and capital expenditures, by States and types of operation.
- Vol. II. Area Statistics.** A separate report for each State, including statistics on number of establishments, value of shipments and receipts, number of employees, man-hours, wages and salaries, cost of supplies, and capital expenditures, by counties and industry.

**1957 CENSUS OF GOVERNMENTS**

- Vol. I: Governmental Organization.**  
No. 1. Governments in the United States.  
No. 2. Local Government in Standard Metropolitan Areas.  
No. 3. Local Government Structure.  
No. 4. Elective Offices of State and Local Governments.
- Vol. II: Governmental Employment.**  
No. 1. Summary of Public Employment.  
No. 2. Compendium of Public Employment.  
No. 3. Local Government Employment in Standard Metropolitan Areas.
- Vol. III: Governmental Finances.**  
No. 1. Finances of School Districts.  
No. 2. Finances of Special Districts.  
No. 3. Finances of Municipalities and Township Governments.  
No. 4. Finances of County Governments.  
No. 5. Compendium of Government Finances.  
No. 6. Local Government Finances in Standard Metropolitan Areas.
- Vol. IV: Topical Studies.**  
No. 1. Employee-Retirement Systems of State and Local Governments.  
No. 2. State Payments to Local Governments.  
No. 3. Historical Summary of Governmental Finances in the United States.  
No. 4. Graphic Summary of the 1957 Census of Governments.
- Vol. V: Taxable Property Values in the United States.**
- Vol. VI: State Bulletins.** A series of separately published bulletins for each State; No. 49 covers the District of Columbia, Alaska, Hawaii, and Puerto Rico. (These bulletins not bound in a single publication.)

## GUIDE TO STATE STATISTICAL ABSTRACTS

This bibliography includes all known State statistical abstracts published since 1956 plus those now in preparation that will be issued in the latter part of 1962. When a statistical abstract does not exist for a particular State, a near equivalent has been listed wherever possible. For some States two such publications have been listed. All sources contain, under one cover, statistics on a variety of subjects for the State as a whole, or its component parts, or both.

### Alabama

University of Alabama, University, Bureau of Business Research  
*Statistical Abstract of Alabama.* (forthcoming)

### Alaska

Department of Commerce, Juneau  
*Alaska's Population and Economy—Regional Growth, Development and Future Outlook, Volume II, Statistical Handbook.* 1962. 229 pp.

### Arizona

University of Arizona, Tucson, Bureau of Business and Public Research  
*Arizona County Base Book.* 4th ed. (forthcoming)  
Valley National Bank, Phoenix  
*Arizona Statistical Review.* 18th ed. (forthcoming)

### California

Economic Development Agency, Sacramento  
*California Statistical Abstract, 1961.* 1961. 218 pp.

### Colorado

State Planning Division, Denver  
*Colorado Year Book, 1959-1961.* 25th ed. 1962. 916 pp.

### Connecticut

Connecticut Development Commission, Hartford, Economic Research Division  
*Connecticut Market Data.* 1962. 121 pp.

### Delaware

University of Delaware, Newark, Bureau of Economic and Business Research  
*The Delaware Economy 1939-1958.* 1961. 95 pp.

### Florida

University of Florida, Gainesville, Bureau of Economic and Business Research  
*Statistics of Personal Income, Population, Construction, Businesses, and Manufacturing for Florida Counties.* 4th ed. 1961. 75 pp. (State Economic Studies No. 13.)

### Georgia

University of Georgia, Athens, Bureau of Business Research  
*Georgia Statistical Abstract, 1961.* 3d ed. 1961. 333 pp.

### Hawaii

Department of Planning and Research, Honolulu  
*Statistical Abstract of Hawaii.* 1st ed. (forthcoming)

### Idaho

Department of Commerce and Development, Boise City  
*Idaho Economic Report.* 1960.  
University of Idaho, Moscow, Bureau of Business and Economic Research  
*Idaho Handbook of Population, Agriculture, and Business Data.* 1960.

### Indiana

Indiana State Chamber of Commerce, Indianapolis  
*Statistical Abstract of Indiana Counties.* (forthcoming)

### Iowa

City Council, Sioux City  
*City and Community Measurement; A Statistical Reference for 20 Iowa Cities.* 1960.

**Kentucky**

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## SOURCE AGENCIES AND TABLE NUMBERS

This listing presents the names of all government and nongovernment agencies supplying the data comprising this volume, together with the numbers of the tables in which each agency's data appear. Table numbers followed by "co-op." indicate that the statistics were compiled by the agency listed, in cooperation with another agency; those followed by "part" indicate that statistics from another source appear in the same table.

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