

Seventy-Third Edition

Statistical Abstract of the United States 1952

Prepared under the Direction
of Morris B. Ullman in the Office of the
Assistant Director for Statistical Standards

*Bureau of the Census
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ACKNOWLEDGMENTS

The *Statistical Abstract of the United States* has been published annually for the past 73 years, and its present content and form are the result of the work of many persons during that period. Revisions are made each year to adapt it to meet current needs and uses, and to bring the various statistical series up to date.

The *Statistical Abstract* is prepared in the Office of Morris H. Hansen, Assistant Director for Statistical Standards. This issue was compiled by William Lerner under the supervision of Bruce L. Jenkinson and under the general direction of Morris B. Ullman, Chief, Statistical Reports Section. Elma D. Beynon is editorial supervisor.

The cooperation of many persons acting in either their official positions or as individuals, who contributed to the preparation of this volume, is gratefully acknowledged. The list of tables by source (pp. XII-XV), as well as the source note following each table, indicates the various government and private agencies cooperating in furnishing information, assisting in the selection and preparation of the material, or otherwise contributing to the preparation of the *Statistical Abstract*.

Bruce L. Jenkinson, Chief of the Statistical Abstract Unit, died on July 12. As Chief of the Abstract Unit since July 1946, Mr. Jenkinson had primary responsibility for the planning and preparation of the *Statistical Abstract* and its supplements. His devotion to the maintenance of standards difficult to achieve, and his insistence upon painstaking effort in regard to detail, accuracy, and clarity, improved markedly the quality of the issues with which he was associated and set a standard for future development.

SEPTEMBER 1952.

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PREFACE

The *Statistical Abstract of the United States*, published annually since 1878, is the standard summary of statistics on the industrial, social, political, and economic organization of the United States. It includes a selection of data from most of the important statistical publications, both governmental and private. Of necessity, it is limited primarily to the presentation of data for the country as a whole, and, to a much lesser extent, to data for regions and individual States. Data for cities or other small geographic units are shown only in a small number of instances.

This book is designed to fulfill two functions: *First*, to serve as a convenient volume for statistical reference; and *second*, to serve as a guide to other statistical publications and sources. The source of each table presented is given at the foot of the table. The publications cited usually contain additional statistical detail relating to the subject matter shown, and a more complete discussion of relevant definitions and concepts than can be presented here. Also, they may supply data for smaller geographic units. Where contributing agencies are cited as sources, without mention of publications, more detailed information frequently is available from their unpublished tabulations and records.

1952 edition.—This edition is the seventy-third annual issue. The statistics shown are the latest which were available in the early part of the 1952 calendar year. The year, 1952, used to designate this edition represents both the year during which compilation occurred and the year of publication.

Each year several sections are subjected to intensive review. This review introduces new subject material of current interest and eliminates data that are less timely or appear in greater detail than seems warranted.

This issue initiates a section entitled "Comparative International Statistics." This new section will enable the user of the *Statistical Abstract* to compare the United States currently in a number of significant respects with other leading countries of the world. New sections of the *Abstract* are necessarily experimental as to content and form. Comments and reactions from users are especially helpful and most welcome in determining their development in future issues.

Special efforts have been made to include as much material as was available, at the time the various sections were sent to print, from the 1950 Censuses of Agriculture, Population, and Housing. Statistics of these censuses will be found in the appropriate sections.

Other changes of importance in this edition involve particularly section 28, Mining and Mineral Products; section 9, Military Services and Veterans' Affairs; section 21, Transportation, Air and Land; and section 30, Manufactures. The Mining and Mineral Products section has been substantially revised and rearranged with the cooperation of the Bureau of Mines. Much completely new material has been added, as well as significant new detail to old material. Also, this section has now been brought into line with the material appearing in *Historical Statistics of the United States, 1789-1945* (see p. IV).

The Military Services and Veterans' Affairs section provides eight new tables including those on Federal expenditures for the military and for veterans, casualties in principal wars, status of Selective Service registrants, and others. In the Transportation section, material on civil aeronautics has been considerably expanded and now includes figures on air carrier revenues and expenses, and civil airplane output, air carrier personnel, and employment in aircraft industries. In the Manufactures

section, new material includes a substantial selection from the *Annual Survey of Manufactures: 1949 and 1950*. This new material brings to date much of the material from the 1947 Census of Manufactures previously included in this section.

Other significant additions are the tables showing disposable personal income in current and constant prices and distribution of income since 1919 among upper and lower income groups; both of these tables appear in section 11, Income and Expenditures. New material is also included in other sections on purchasing power of the dollar; on hourly and weekly earnings in constant and current dollars; on national farm product, and farm labor productivity; on sales of home appliances; on international investments; and on a number of other subjects.

With respect to content other than tabular, efforts to expand the general notes preceding each section were continued. A new feature is the inclusion, on the first page of text in each section, of the date on which the material for the section as a whole was sent to print. This date serves as a reference point both for those statistics which are subject to revision by the issuing agencies and also to indicate the approximate date on which the section was organized from the latest material available. In addition, 3 new charts have been added, making a total of 31 maps and charts now presented.

Integration with historical supplement.—The comparison and mutual adjustment of statistics in the annual *Statistical Abstract* and in *Historical Statistics of the United States, 1789-1945*, has now been completed in all major aspects. In consequence, this annual volume now stresses even more greatly materials of current interest. The practice of cross-referencing tables in this book (in headnotes) to time series in the historical supplement has been continued.

The historical appendix (see appendix I, tables A and B) continues to bring to date the statistical time series shown to 1945 in *Historical Statistics*. In this appendix the user of the annual volume will find the earliest date to which each series is carried in the historical supplement. For the supplement user, the appendixes, in addition to bringing each series to date (where possible), also indicate the table in the present *Statistical Abstract* in which the same or related data may be found. Where figures for 1945 and earlier years are known to have been revised from those shown in the supplement, the revisions have been listed in appendix I, table B. No attempt has been made to list specific sources of data in appendix I because of the space problem. In general, the source agencies are the same as for the same series specified in the supplement or noted at the bottom of the current *Statistical Abstract* table.

A statement on more detailed use of the historical appendixes will be found in the headnotes on the first page of each appendix table.

Supplements to the Abstract.—The *Statistical Abstract*, as an annual one-volume publication, is of necessity limited in amount of detail shown. Businessmen, teachers, librarians, public officials, professional workers, and others often require data for individual cities, counties, metropolitan areas, and other small areas as well as for States. Economists, teachers, students, and others frequently need more historical information. To meet such requests for more detail, a series of supplements to the *Abstract* has been issued.

The most recent supplement, the *County and City Data Book, 1949*, issued in June, 1952, represents both a revision (bringing to date) and a consolidation of two earlier supplements, the *County Data Book*, issued 1947, and the *Cities Supplement*, issued 1944. The *County and City Data Book, 1949*, brings together 101 items of information for each State, each county, and each standard metropolitan area and 92 items for each of about 400 cities having 25,000 or more inhabitants in 1940. Broad subject fields covered include the 1948 Census of Business, 1947 Census of Manufactures, 1945 Census of Agriculture, 1948 vital statistics, 1949 bank deposits, 1948 city government employment and finances and other items of economic and social importance. This volume is on sale by the Superintendent of Documents, Washington 25, D. C.; for \$3.50.

Historical Statistics of the United States, 1789-1945, a historical supplement, was published in July 1949. This volume brings together 3,000 statistical series which extend back through time. Data are shown for each year back to 1789 or to the earliest data available for the series. In the preparation of this supplement the Bureau had the cooperation of a special committee of the Social Science Research Council set up to advise the Director of the Census on a source book of historical statistics and of the Committee on Research in Economic History under the auspices of the Social Science Research Council. This volume is on sale by the Superintendent of Documents, Washington 25, D. C., for \$2.50. The statistics in this supplement are brought to date each year in the appendix of the annual *Statistical Abstract*, beginning with the 1949 edition.

Responsibility.—As implied in the title, the contents of this volume are taken from a large number of sources, as indicated in the list of agencies furnishing material. (See pages XII-XV.) 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. However, the responsibility for selection of the material for the general user and for proper presentation rests with the Bureau, even though carried out with the cooperation of many technicians who have given unselfishly of their time and knowledge in order to assist the Bureau's staff in making the presentation as meaningful and useful as possible.

The cooperation of the users must also be acknowledged. Many persons have written offering suggestions for improving the presentation of the material. These letters have been most helpful and users are urged to continue to make their needs known. All suggestions will be carefully considered in planning future editions.

FOR ADDITIONAL INFORMATION ON DATA PRESENTED

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

SUGGESTIONS AND COMMENTS

should be sent to
The Director
Bureau of the Census
Washington 25, D. C.

STATISTICAL ABSTRACT SUPPLEMENTS

County and City Data Book, 1949. A compact presentation of 101 items of statistical data for each county and standard metropolitan area in the United States and 92 items of statistical data for each of about 400 cities having 25,000 inhabitants or more in 1940. Washington, D. C., 1952. 500 pages. Represents both a revision and a consolidation of two earlier small-area supplements, the *County Data Book* issued in 1947, and the *Cities Supplement—Statistical Abstract of the United States* issued in 1944. Price \$3.50 (Buckram).

Historical Statistics of the United States, 1789-1945. A supplement to the *Statistical Abstract*, prepared with the cooperation of the Social Science Research Council. A compilation of about 3,000 statistical time series, largely annual, extending back through time to the earliest year for which figures are available. 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. 363 pages. Issued 1949. Third printing. Price \$2.50 (Buckram).

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

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Automobile Manufacturers' Association:
597 (part)

Bureau of Advertising of American
Newspaper Publishers Association:
1073

Bus Transportation:
638, 639

Commercial and Financial Chronicle:
441 (part), 500, 506

F. W. Dodge Corporation:
896, 897

Dun & Bradstreet, Inc.:
535-539

Edison Electric Institute:
577, 581

Electrical Merchandising:
985

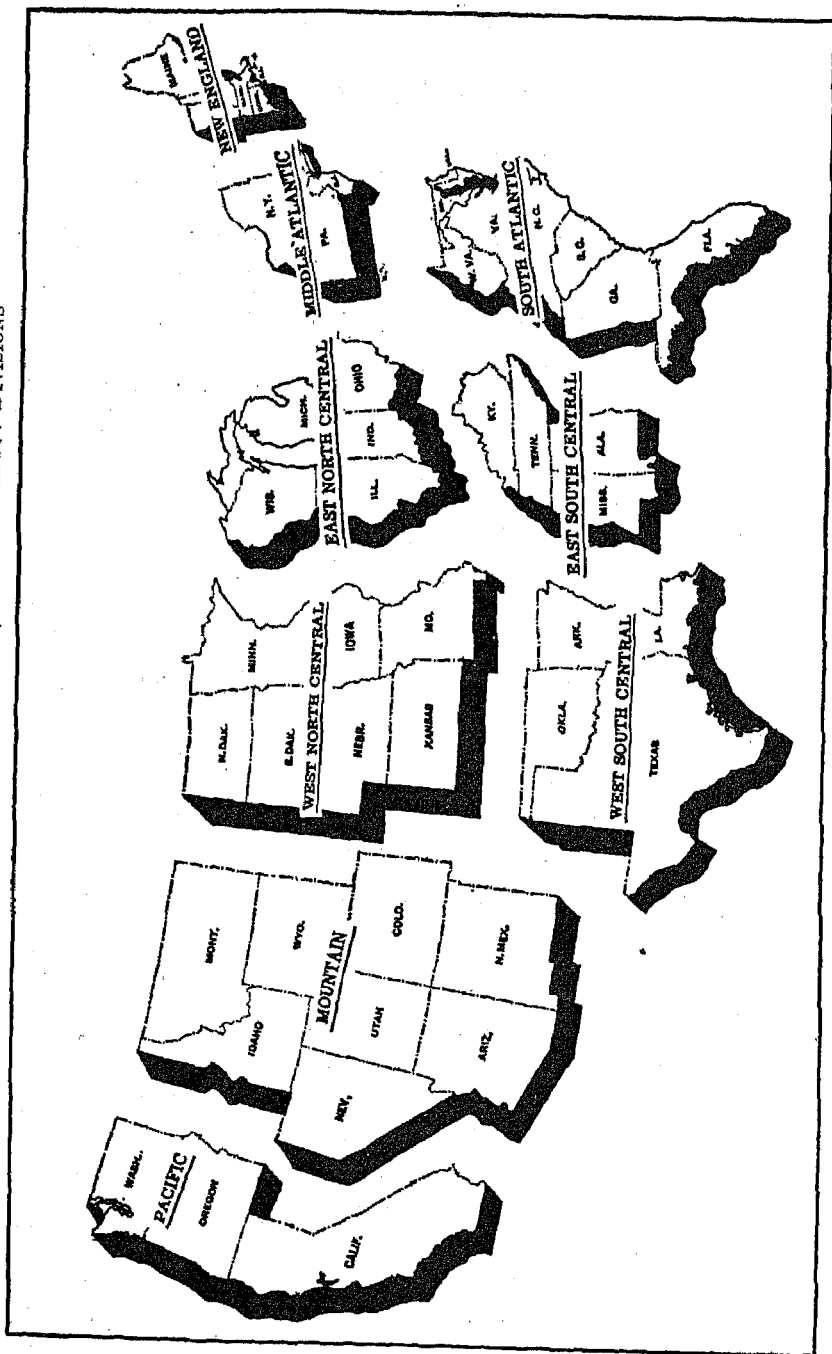
Engineering and Mining Journal:
843 (part)

Engineering News Record:
899, 900, 902

Federal Reserve Bank of New York:
332

Iron Age:	National Fertilizer Association:
978 (part)	718
Lloyds, London:	National Industrial Conference Board:
672, 673	334
Los Angeles Clearing House:	New York Stock Exchange:
441 (part)	496
Metal Statistics:	Petroleum Data Book:
843 (part)	843 (part)
Moody's Investors' Service:	Printers' Ink Publications:
498	1071, 1072
National Association of Hosiery Manu- facturers:	Publishers' Information Bureau, Inc.:
954	1075, 1076
National Board of Fire Underwriters:	Spectator:
515	508-514, 516, 517
National Bureau of Economic Research:	Steel:
314, 330 (part), 497 (part)	978 (part)
National Council of Churches of Christ in the United States of America:	Tanners' Council of America:
57	962
National Cannery Association:	United States Savings and Loan League:
936 (part)	476
	Western Union Telegraph Co.:
	550

FIG. I.—MAP OF THE UNITED STATES, SHOWING CENSUS DIVISIONS



Source: Department of Commerce, Bureau of the Census.

1. Area and Population

(Sent to print February 15, 1952)

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 once every ten years beginning with 1790. The data shown here were selected chiefly from the Sixteenth and Seventeenth Censuses (1940 and 1950), and from special census releases and reports, with the object of giving as complete a description of the population of the United States as space permits. Whenever practicable, a historical series is given in order to show changes that have occurred over periods of time. Most of the data presented apply to continental United States, but some figures for Territories and possessions are included.

Related materials are presented in other sections of this volume. Thus, statistics of marriage and divorce are presented in section 2, Vital Statistics, Health, and Nutrition; statistics on family income are given in section 11, Income and Expenditures; and Census data on employment and occupations are given in section 8, Labor Force, Employment, and Earnings. Data on the population in institutions as enumerated in 1940 are given in this section, but additional data on persons in mental institutions are given in section 2 and on prisoners in section 5, Law Enforcement and Federal Courts. Tables on nativity and citizenship are included in this section, but related data are included in section 3, Immigration, Emigration, and Naturalization.

1950 census data.—Figures shown here based on the 1950 Census of Population are those available at the time this section was sent to the printer. Data based on advance tabulations are so noted; these figures may differ slightly in some cases from the final figures.

Where 1950 preliminary sample data are shown, the figures are based on a sample of approximately 150,000 persons for the nation as a whole. For a description of the sample and an evaluation of sampling variability see the original releases indicated in the source notes.

1940 population samples.—Certain tables are based on tabulations of samples of the 1940 population. Sample B is a sample of all individuals from the 1940 Population Schedule; Sample C and Sample W are samples of individual women 15 years old and over from the 1940 and 1910 Population Schedules, respectively; Sample D, a sample of households from the 1940 Population Schedule; and Sample F, a sample of households based for some subjects on 1940 Population Schedule entries, and for other subjects on 1940 Housing Schedule entries. For Sample B, the sample size is 5 percent. Samples C, D, and F are 5 percent in most areas, but they include 2½ percent samples in the most populous areas. Sample W is an 8-percent sample for the North and the South, and about 12 percent for the West.

Exact agreement is not to be expected among the various samples, nor between them and the complete count, but the sample data may be used with confidence when large numbers are involved, and may be assumed to indicate patterns and relationships where small numbers are involved. Specifically, any number of the size of a million or over may be assumed to agree with a complete count within 1½ percent, though most numbers of this size will agree within ¾ of 1 percent. Any number of the size of 100,000 may be assumed to agree with a complete count within 4 percent, though most numbers of this size will agree within 2 percent. Most numbers as small as 10,000 will agree within 10 percent. The sampling errors in subtotals formed by addition of classes are covered by the same statements. More detailed statements regarding the sampling errors are given in the original sources.

Current Population Survey.—For years since 1940, several of the tables present statistics that are based on the Current Population Survey, conducted monthly by the Bureau of the Census. This survey covers a representative sample of about 25,000 households taken in selected areas throughout the United States. A statement indicating the sampling reliability of estimates based on this sample is given in the Sampling Note, p. 174.

Population estimates.—Population estimates for dates after April 1940 which are not the result of sample surveys are based on data from the 1940 Census and, in some cases, the 1950 Census; statistics and estimates of births and deaths provided by the National Office of Vital Statistics, United States 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. Intercensal estimates of State population are based on the same types of data and in addition make use of school statistics, war ration book registrations, and State censuses.

Urban and rural areas.—In the course of its history, the Bureau of the Census has employed several definitions of urban territory.

According to the new urban definition adopted for the 1950 Census, the urban population comprises all persons living in (a) places of 2,500 inhabitants or more incorporated as cities, boroughs, and villages, (b) incorporated towns of 2,500 inhabitants or more except in New England, New York, and Wisconsin, where "towns" are simply minor civil divisions of counties, (c) the densely settled urban fringe, including both incorporated and unincorporated areas, around cities of 50,000 or more, and (d) unincorporated places of 2,500 inhabitants or more outside any urban fringe. The remaining population is classified as rural.

According to the 1940 definition, the urban area was made up for the most part of cities and other incorporated places having 2,500 inhabitants or more. In addition, it included townships and other political subdivisions (not incorporated as municipalities nor containing any areas so incorporated) with a population of 10,000 or more and a population density of 1,000 or more per square mile; and in the States of Massachusetts, Rhode Island, and New Hampshire, those towns (townships) which contain a village of 2,500 or more, comprising either by itself or when combined with other villages within the same town, more than 50 percent of the total population of the town. The remaining area of the country was classified as rural. The definition of urban territory used in the 1940 Census was adopted substantially as stated above at the time of the 1910 Census.

In both the new definition of 1950 and the old definition of 1940, incorporated places of 2,500 or more inhabitants constitute the major component of urban territory. The new definition differs from the old definition in substituting specially delineated urban fringes and unincorporated places of 2,500 inhabitants or more for those political subdivisions which were specified as urban under the special rules given above.

In this edition, figures by urban and rural residence for all dates prior to the 1950 Census are in accordance with the old definition. Figures for 1950 are in accordance with the new definition unless otherwise stated. For dates between 1940 and 1950, figures by urban and rural residence reflect the classification of areas as urban and rural in 1940. Thus, the urban total for 1949 represents the population living in 1949 in areas which were classified as urban in 1940; it does not represent the total which would have been classified as urban had all areas been reclassified as urban or rural on the basis of their 1949 population.

The definition of urban territory used in the Current Population Survey for April 1951 was substantially the same as the 1950 Census definition, while that for March 1950 was similar to the 1950 Census definition with the main exception that unincorporated places of 2,500 or more inhabitants were classified as rural rather than urban.

Farm and nonfarm residence.—The rural population is subdivided into the rural-farm population, which comprises all rural residents living on farms, and the rural-nonfarm population, which comprises the remaining rural population. The method of determining farm and nonfarm residents used in the 1950 Census differs somewhat from that used in earlier surveys and censuses. Persons on "farms" who were paying cash rent for their house and yard only were classified as nonfarm; furthermore, persons in institutions, summer camps, motels, and tourist camps were classified as nonfarm. This definition was also used in the March 1950 survey.

Households.—A "household," according to present usage of the Census Bureau, comprises all persons who occupy a dwelling 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 dwelling unit who are related to the head) and also the lodgers, servants, or hired hands, if any, who regularly live in the house. The number of households, thus defined, is the same as the number of "private households" or "families" as used in 1940 census reports. A person living alone or a group of unrelated persons sharing the same living accommodations as partners is counted as a household.

The term "household," as used here, excludes the small number (about 80,000 in 1940) of institutions, hotels, large lodging houses, and other quasi households which are included as households in the census reports (and in figures shown in this edition) for 1920, 1910, 1890, and earlier years. The figures for 1900 and for 1930 and subsequent years, shown in this edition, are in conformance with the present usage of the term "household" as defined above.

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 quasi household (other than the negligible number of such groups among inmates of institutions) and related to each other. The two groups previously shown separately as "secondary family" and "family in a quasi household" are now combined in the category "secondary family." In a household, a secondary family is not related to the household head, but in a quasi household, a secondary family may include the head of the quasi household.

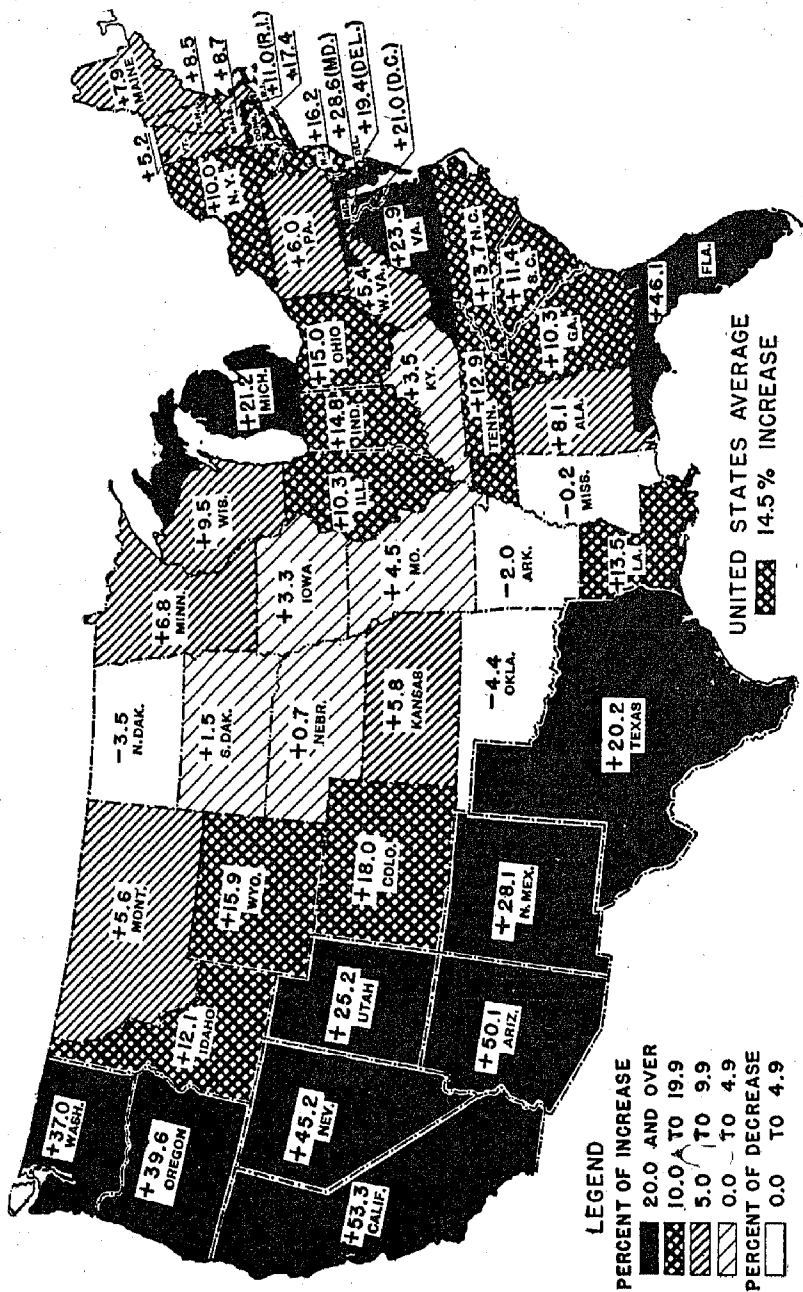
Subfamily.—A subfamily is a married couple with or without children, or one parent with one or more children under 18 years old, living in a household and related to, but not including, the head of the household or his wife. Members of a subfamily are also members of the primary family with which they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

Married couple.—A married couple is a husband and his wife living together.

Unrelated individuals.—The term "unrelated individuals" as used here refers to persons (other than inmates of institutions) who are not living with any relatives. This term has the same meaning as the term "individuals not in families" used previously. 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 a quasi household such as a guest, lodger or a resident employee (excluding inmates of institutions) who is not related to the head or to any other person in the household or quasi household. This group now includes the categories "secondary individual" and "individual in a quasi household" used in earlier issues of the *Abstract*.

Historical statistics.—See preface and historical appendix. Tabular headnotes (as "See also *Historical Statistics*, series B 24-25") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*.

FIG. II.—POPULATION CHANGE FOR STATES: 1940 TO 1950
[See table II]



Source: Department of Commerce, Bureau of the Census.

No. 1.—TERRITORIAL EXPANSION OF CONTINENTAL UNITED STATES AND ACQUISITIONS OF PRINCIPAL TERRITORIES, POSSESSIONS, ETC.

[Boundaries of all territories listed under "Continental 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. Adjustments have been made in the areas as remeasured in 1940. See also *Historical Statistics*, series B 24-25]

ACCESSION	Date	Gross area (land and water) sq. mi.	ACCESSION	Date	Gross area (land and water) sq. mi.
Total		3,628,130	Other:		
Continental United States.....		3,022,387	The Philippines ¹	1898	110,600
Territory in 1790 ¹		888,811	Puerto Rico.....	1899	3,435
Louisiana Purchase.....	1803	827,102	Guam.....	1899	206
By treaty with Spain:			American Samoa.....	1900	70
Florida.....	1819	58,560	Canal Zone ²	1904	553
Other areas.....	1819	13,443	Corn Islands.....	1914	4
Texas.....	1845	390,144	Virgin Islands of the U. S.....	1917	133
Oregon.....	1846	285,680	The Philippines ²	1940	110,600
Mexican Cession.....	1848	520,017	Trust Territory of the Pacific Islands ³	1947	8,475
Gadsden Purchase.....	1853	29,040	All other ⁴		38
Territories.....		502,823			
Alaska.....	1867	580,400			
Hawaii.....	1898	6,423			

¹ Includes that part of drainage basin of Red River of the North, south of 49th parallel, sometimes considered part of Louisiana Purchase.

² 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.

³ Under jurisdiction of United States in accordance with treaty of Nov. 18, 1903, with Republic of Panama.

⁴ Leased (1914) from Republic of Nicaragua for 99 years. ⁵ Under trusteeship. See table 3, footnote 17.

⁶ Includes following islands with gross areas as indicated: Midway (2), Wake (3), 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 Suena Bank, Roncador Cay, and Serrano Bank (each less than 0.5) and other islands specified in table 3, footnote 10, for which area figures are not available.

Source: Department of Commerce, Bureau of the Census; reports and records.

No. 2.—AREA AND POPULATION OF CONTINENTAL UNITED STATES: 1790 to 1950

[See also *Historical Statistics*, series B 20-30]

CENSUS DATE	AREA (SQUARE MILES) ¹			POPULATION			
	Gross	Land	Water	Number	Per square mile of land area	Increase over preceding census	
						Number	Percent
1790 (Aug. 2).....	802,135	867,980	24,155	3,029,214	4.5		
1800 (Aug. 4).....	802,135	867,980	24,155	5,308,483	6.1	1,379,269	35.1
1810 (Aug. 6).....	1,720,122	1,685,865	34,257	7,230,881	4.3	1,931,398	36.4
1820 (Aug. 7).....	1,792,223	1,753,588	38,635	9,638,463	5.5	2,398,572	23.1
1830 (June 1).....	1,792,223	1,753,588	38,635	12,860,020	7.3	3,227,557	33.5
1840 (June 1).....	1,792,223	1,753,588	38,635	17,069,453	9.7	4,203,433	32.7
1850 (June 1).....	2,007,110	2,044,337	52,782	23,191,876	7.9	6,122,423	35.9
1860 (June 1).....	3,026,780	2,973,965	52,824	31,443,321	10.6	8,251,445	35.6
1870 (June 1).....	3,026,780	2,973,965	52,824	30,818,449	13.4	8,375,128	26.6
1880 (June 1).....	3,026,780	2,973,965	52,824	50,155,783	16.9	10,337,334	26.0
1890 (June 1).....	3,026,780	2,973,965	52,824	62,947,714	21.2	12,791,931	25.5
1900 (June 1).....	3,026,780	2,974,150	52,630	75,994,575	25.6	13,046,861	20.7
1910 (Apr. 15).....	3,026,780	2,973,890	52,890	91,972,266	30.9	15,977,691	21.0
1920 (Jan. 1).....	3,026,780	2,973,770	53,013	105,710,620	35.5	13,738,354	14.9
1930 (Apr. 1).....	3,022,387	2,977,128	45,259	122,775,040	41.2	17,064,426	16.1
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	60.7	19,028,086	14.5

¹ Area figures for each census year represent all continental area under jurisdiction of United States on indicated date, including in some cases considerable areas not then organized or settled, and not covered by the census.

² Revised to include adjustments for under enumeration in Southern States; unrevised number is 38,558,371.

Source: Department of Commerce, Bureau of the Census; Reports of Fourteenth, Fifteenth, and Sixteenth Censuses, *Population*, Vol. I; 1950 Population Census releases; and other reports and records. See also *Sixteenth Census Reports, Areas of the United States, 1940*.

NO. 3.—AREA AND POPULATION OF THE UNITED STATES, TERRITORIES, POSSESSIONS, ETC.: 1930 TO 1950

[Areas within each group are listed in rank order of population in 1950. See also *Historical Statistics*, series B 1-12 and B 25]

AREA	Gross area (land and water) in square miles, 1950	POPULATION		
		1950	1940	1930
United States (aggregate)-----	3,628,130	154,233,234	150,622,754	138,439,069
Continental U. S.-----	3,022,387	150,697,361	131,609,275	122,775,040
Territories-----	592,823	628,437	495,294	427,578
Hawaii-----	6,423	499,794	2 422,770	3 308,300
Alaska-----	586,400	128,643	4 72,524	4 50,278
Possessions-----	3,888	2,316,922	1,920,902	1,594,525
Puerto Rico-----	3,435	2,210,703	1,869,255	1,543,913
Guam-----	206	59,498	22,290	18,509
Virgin Islands of the U. S.-----	133	26,665	24,889	22,012
American Samoa-----	76	18,937	12,908	10,055
Midway Islands-----	2	416	437	36
Wake Island-----	3	349		(⁹)
Canton Island and Enderbury Island-----	27	6 272	44	(⁹)
Johnston Island and Sand Island-----	(⁷)	8 46	8 60	(⁹)
Swan Islands-----	1	9 36	(⁹)	(⁹)
Other ¹⁰ -----	11 5	(¹²)	13 10	(¹²)
Canal Zone ¹⁴ -----	553	52,822	51,827	30,467
Corn Islands ¹⁶ -----	4	10 1,304	10 1,523	(⁹)
Trust Territory of the Pacific Islands ¹⁷ -----	18 8,475	19 54,843	(²⁰)	(²⁰)
Population abroad ²¹ -----		22 481,545	118,933	80,453
Members of the armed forces-----		301,695	118,933	80,453
Civilian citizens employed by the United States Govern- ment-----		26,910		
Families of armed forces personnel or of civilian citizen employees-----		107,350	(²³)	(²³)
Crews of merchant vessels-----		45,690	(²³)	(²³)

¹ Includes estimated population of the Philippine Islands (1940: 16,356,000; 1930: 13,513,000), not shown separately. Ceded by Spain in 1898, the Philippine Islands 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.

² Excludes inhabitants (560) of Baker, Canton and Enderbury, Howland, Jarvis, Johnston and Sand, and Midway Islands which were enumerated with Hawaii in 1940.

³ Excludes inhabitants (36) of Midway Islands which were enumerated with Hawaii in 1930.

⁴ Census taken as of Oct. 1 of preceding year.

⁵ Not enumerated.

⁶ Enderbury Island uninhabited at time of enumeration.

⁷ Less than 0.5 square miles.

⁸ Sand Island uninhabited at time of enumeration.

⁹ Little Swan Island uninhabited at time of enumeration.

¹⁰ Includes Caroline, Christmas, Danger (Pukapuka), Flint, Funafofi, Kingman Reef, Malden, Manihiki, Navassa, Nukufetau, Nukunono, Nurakita, Penrhyn, Quita Suena Bank, Rakahanga, Roncador Cay, Serrana Bank, Starbuck, Vostok, Phoenix Group (except Canton and Enderbury), and Union (Tokelau) Group, not enumerated in decennial censuses; and Baker, Howland, and Jarvis Islands.

¹¹ Area figure is for Navassa (area, 2 square miles), and Baker, Howland, and Jarvis (combined area 3 square miles); excludes Kingman Reef, Quita Suena Bank, Roncador Cay, and Serrana Bank (each less than 0.5 square mile). Area of other islands (listed in footnote 10) not available.

¹² Not enumerated or uninhabited at time of enumeration.

¹³ Population of Baker, Howland, and Jarvis Islands. Other islands not enumerated or uninhabited at time of enumeration.

¹⁴ Under jurisdiction of United States in accordance with treaty of Nov. 18, 1903, with Republic of Panama.

¹⁵ Leased (1914) from the Republic of Nicaragua for 99 years.

¹⁶ Figures are those of the 1950 and 1940 censuses of the Republic of Nicaragua, May 1950 and 1940. Little Corn Island uninhabited at time of both enumerations.

¹⁷ Under trusteeship with the United States as administering authority. See *Trusteeship Agreement for the Former Japanese Mandated Islands (Documentary Supplement No. 1)* of the Security Council of the United Nations which became effective on July 18, 1947.

¹⁸ U. S. Department of the Navy. *Handbook on the Trust Territory of the Pacific Islands*. Washington, D. C., U. S. Government Printing Office, 1948.

¹⁹ U. S. 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*. Washington, D. C., U. S. Government Printing Office, 1950.

²⁰ Population 1940, 131,258; 1930, 69,626 (Censuses of Japan).

²¹ Excludes United States citizens abroad on private business, travel, etc. Many of these were enumerated in the United States at their usual place of residence as absent members of households.

²² Based on 20 percent sample of reports received and consequently subject to sampling variability. Chances are about 2 out of 3 that the figure that would have been obtained from a complete count would have differed by less than 1,200 from figure shown here.

²³ Not available.

Source: Department of Commerce, Bureau of Census; U. S. Census of Population: 1950, Vol. I.

AREA AND POPULATION

7

No. 4.—AREA FOR STATES, TERRITORIES, ETC.: 1950

DIVISION AND STATE	AREA (SQUARE MILES)			DIVISION AND STATE	AREA (SQUARE MILES)		
	Gross	Land ¹	Inland water ²		Gross	Land ¹	Inland water ²
Continental United States	3,022,387	2,974,726	47,661	South Atlantic—Con.			
New England	66,608	63,189	3,449	Georgia.....	58,870	58,483	393
Maine.....	33,215	31,040	2,175	Florida.....	58,560	54,262	4,298
New Hampshire.....	9,304	9,017	287	East South Central	181,964	179,987	1,977
Vermont.....	9,609	9,278	331	Kentucky.....	40,305	39,864	441
Massachusetts.....	8,257	7,897	360	Tennessee.....	42,244	41,797	537
Rhode Island.....	1,214	1,058	156	Alabama.....	51,609	51,078	531
Connecticut.....	5,009	4,899	110	Mississippi.....	47,710	47,248	468
Middle Atlantic	102,745	100,511	2,234	West South Central	438,885	430,381	8,504
New York.....	49,576	47,944	1,632	Arkansas.....	53,104	52,675	429
New Jersey.....	7,836	7,522	314	Louisiana.....	48,523	45,162	3,361
Pennsylvania.....	45,333	45,045	288	Oklahoma.....	69,919	66,031	3,888
East North Central	248,283	244,867	3,416	Texas.....	267,339	263,513	3,826
Ohio.....	41,222	41,000	222	Mountain	863,887	857,296	6,591
Indiana.....	36,291	36,205	86	Montana.....	147,138	145,878	1,260
Illinois.....	60,400	55,935	465	Idaho.....	83,557	82,760	798
Michigan.....	58,216	57,022	1,194	Wyoming.....	97,814	97,506	408
Wisconsin.....	55,154	54,705	1,449	Colorado.....	104,247	103,922	325
West North Central	517,247	510,644	6,603	New Mexico.....	121,666	121,611	155
Minnesota.....	84,068	80,009	4,059	Arizona.....	118,909	113,876	5,033
Iowa.....	56,290	56,045	245	Utah.....	84,816	82,346	2,470
Missouri.....	69,674	69,226	448	Nevada.....	110,540	109,789	751
North Dakota.....	70,605	70,057	548	Pacific	323,886	319,841	4,025
South Dakota.....	77,047	76,536	511	Washington.....	68,192	66,786	1,406
Nebraska.....	77,227	76,063	564	Oregon.....	96,981	96,315	666
Kansas.....	82,276	82,108	168	California.....	168,693	156,746	11,953
South Atlantic	278,902	268,040	10,862	Other areas:			
Delaware.....	2,057	1,978	79	Hawaii.....	6,423	6,407	16
Maryland.....	10,577	9,881	696	Alaska.....	580,000	571,065	15,335
Dist. of Columbia.....	69	61	8	Puerto Rico.....	3,435	3,423	12
Virginia.....	40,816	39,893	922	Guam.....	206	203	3
West Virginia.....	24,181	24,080	101	Virgin Isl. of U. S.....	133	132	1
North Carolina.....	52,712	49,097	3,615	American Samoa.....	76	76	—
South Carolina.....	31,055	30,305	750	Canal Zone ³	553	362	191
				Trust Terr. of Pac. ⁴	8,475	—	—

¹ 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.

² Permanent inland water surface, such as lakes, reservoirs, and ponds having 40 acres or more of area; streams, sloughs, estuaries, and canals one-eighth 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.

³ See table 3, note 14.

⁴ See table 3, note 17.

Source: Department of Commerce, Bureau of the Census; reports and records.

No. 5.—ESTIMATES OF THE TOTAL AND CIVILIAN POPULATIONS OF ALASKA, HAWAII, AND PUERTO RICO: JULY 1, 1940 TO 1950

[Adjusted on basis of 1950 Census of Population. Civilian population estimates obtained by subtracting estimates of armed forces stationed in area]

YEAR	ALASKA		HAWAII		PUERTO RICO	
	Total	Civilian	Total	Civilian	Total	Civilian
1940.....	74,000	73,000	428,000	398,000	1,878,000	1,875,000
1941.....	83,000	74,000	459,000	411,000	1,927,000	1,904,000
1942.....	137,000	77,000	556,000	420,000	1,978,000	1,939,000
1943.....	226,000	74,000	629,000	429,000	2,013,000	1,976,000
1944.....	180,000	76,000	844,000	437,000	2,038,000	2,010,000
1945.....	138,000	78,000	815,000	490,000	2,071,000	2,040,000
1946.....	103,000	85,000	533,000	467,000	2,098,000	2,082,000
1947.....	117,000	91,000	528,000	489,000	2,140,000	2,131,000
1948.....	126,000	98,000	517,000	484,000	2,172,000	2,163,000
1949.....	134,000	104,000	510,000	479,000	2,193,000	2,184,000
1950.....	136,000	110,000	497,000	474,000	2,216,000	2,210,000

Source: Department of Commerce, Bureau of the Census; Current Population Reports, Series P-25, No. 52.

AREA AND POPULATION

No. 6.—POPULATION PER SQUARE MILE, BY STATES: 1800 TO 1950

[For United States, population of continental U. S. has been divided by total land area. For each State or Territory, 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. Areas of Indian reservations, outside Indian Territory, are included in areas of States and Territories for all years; however, populations of reservations were not ascertained and therefore were not taken into account in computing densities prior to 1890]

DIVISION AND STATE	1800	1870	1880	1890	1900	1910	1920	1930 ¹	1940	1950
United States	6.1	13.4	16.9	21.2	25.6	30.9	35.5	41.2	44.2	50.7
New England	19.9	56.8	64.7	75.8	90.2	105.7	119.4	129.2	133.5	147.6
Maine.....	5.1	21.0	21.7	22.1	23.2	24.8	25.7	25.7	27.3	29.4
New Hampshire.....	20.4	35.2	39.4	41.7	45.6	47.7	49.1	51.6	54.5	59.1
Vermont.....	16.0	36.2	36.4	36.4	37.7	39.0	38.6	38.8	38.7	40.7
Massachusetts.....	62.6	181.3	221.8	278.5	349.0	418.8	470.2	537.4	545.9	596.2
Rhode Island.....	64.8	203.7	252.2	323.8	401.6	508.5	560.4	649.8	674.2	748.6
Connecticut.....	62.1	111.5	129.2	154.8	188.5	231.3	280.4	328.0	348.9	400.7
Middle Atlantic	14.0	68.1	105.0	127.1	154.5	193.2	222.6	261.3	274.0	300.1
New York.....	12.4	62.0	106.7	126.0	152.5	191.2	217.9	262.6	281.2	309.3
New Jersey.....	28.1	120.0	150.5	192.3	250.7	337.7	420.0	537.3	553.1	642.8
Pennsylvania.....	13.4	78.6	95.5	117.3	140.6	171.0	194.5	213.8	210.8	233.1
East North Central	2	37.2	45.7	54.9	65.2	74.3	87.5	103.2	108.7	124.1
Ohio.....	1.1	65.4	78.5	90.1	102.1	117.0	141.4	161.6	188.0	193.8
Indiana.....	(^c)	46.8	55.1	61.1	70.1	74.9	81.3	89.4	94.7	109.7
Illinois.....		45.4	55.0	68.3	86.1	100.8	115.7	136.4	141.2	155.8
Michigan.....		20.6	28.5	36.4	42.1	48.9	63.8	84.9	92.2	111.7
Wisconsin.....		19.1	23.8	30.6	37.4	42.2	47.6	53.7	57.3	62.8
West North Central		7.6	12.1	17.5	20.3	22.8	24.6	26.0	26.5	27.5
Minnesota.....		5.4	9.7	10.2	21.7	25.7	29.5	32.0	34.9	37.3
Iowa.....		21.5	29.2	34.4	40.2	40.0	43.2	44.1	45.3	46.8
Missouri.....		25.0	31.0	39.0	45.2	47.9	49.5	52.4	54.6	57.1
North Dakota.....		(^d)	(^d)	2.7	4.5	8.2	9.2	9.7	9.2	8.8
South Dakota.....		(^d)	(^d)	4.5	5.2	7.6	8.3	9.1	8.4	8.6
Nebraska.....		1.6	5.9	13.8	13.9	15.5	16.9	18.0	17.2	17.3
Kansas.....		4.5	12.2	17.5	18.0	20.7	21.6	22.9	21.9	23.2
South Atlantic	8.6	21.8	28.2	32.9	38.8	45.3	52.0	58.8	66.4	79.0
Delaware.....	32.7	63.6	74.6	85.7	94.0	103.0	113.5	120.5	134.7	160.8
Maryland.....	34.4	78.0	94.0	104.9	119.5	130.3	145.8	165.0	184.2	237.1
Dist. of Columbia.....	156.6	2,270.7	3,062.5	3,972.3	4,045.3	5,292.9	7,292.9	7,981.5	10,870.3	13,150.5
Virginia.....	13.7	30.4	37.6	41.1	46.1	51.2	57.4	60.7	67.1	83.2
West Virginia.....		18.4	25.7	31.8	39.9	50.8	60.9	71.8	79.0	83.3
North Carolina.....	9.8	22.0	28.7	33.2	38.9	45.3	52.5	64.5	72.7	82.7
South Carolina.....	11.3	23.1	32.6	37.7	44.0	49.7	55.2	56.8	62.1	69.0
Georgia.....	1.5	20.2	26.3	31.3	37.7	44.4	49.3	49.7	53.4	58.0
Florida.....		3.4	4.9	7.1	9.6	13.7	17.7	27.1	35.0	51.1
East South Central	2.9	24.5	31.1	35.8	42.0	46.8	49.5	54.8	59.7	63.8
Kentucky.....	5.5	32.9	41.0	46.3	53.4	57.0	60.1	65.2	70.9	73.0
Tennessee.....	2.5	30.2	37.0	42.4	48.5	52.4	56.1	62.4	69.5	78.8
Alabama.....		19.4	24.6	29.5	35.7	41.7	45.8	51.8	55.5	59.9
Mississippi.....	.3	17.9	24.4	27.8	33.5	38.8	38.6	42.4	46.1	46.1
West South Central		5.6	9.3	11.0	15.2	20.4	23.8	28.3	30.3	33.8
Arkansas.....		9.2	15.3	21.5	25.0	30.0	33.4	35.2	37.0	36.3
Louisiana.....		16.0	20.7	24.6	34.0	36.5	39.0	46.5	52.3	59.4
Oklahoma.....				13.7	11.4	23.9	20.2	34.0	33.7	32.4
Texas.....		3.1	6.1	8.5	11.6	14.8	17.8	22.1	24.3	20.3
Mountain.....	.4	.8	1.4	1.9	3.1	3.9	4.3	4.8	5.9	
Montana.....	.1	.3	1.0	1.7	2.6	3.8	3.7	3.8	4.1	
Idaho.....	.2	.4	1.1	1.9	3.9	5.2	5.4	6.3	7.1	
Wyoming.....	.1	.2	.6	.9	1.5	2.0	2.3	2.6	3.0	
Colorado.....	.4	1.9	4.0	5.2	7.7	9.1	10.0	10.8	12.8	
New Mexico.....	.7	1.0	1.3	1.6	2.7	2.9	3.5	4.4	5.6	
Arizona.....	.1	.4	.8	1.1	1.8	2.9	3.8	4.4	6.0	
Utah.....	1.1	1.8	2.6	3.4	4.5	5.5	6.2	6.7	8.4	
Nevada.....	.4	.6	.4	.4	.7	.7	.8	1.0	1.5	
Pacific	2.1	3.5	5.9	7.6	13.2	17.5	25.6	30.4	45.3	
Washington.....	.4	1.1	5.3	7.8	17.1	20.3	23.3	25.9	25.6	
Oregon.....	1.0	1.8	3.3	4.3	7.0	8.2	9.9	11.3	15.8	
California.....	3.6	5.5	7.8	9.5	15.3	22.0	36.2	44.1	67.5	

¹ Based on 1940 land-area measurement.

² Revised. Census of Southern States considered incomplete, but there has been no revision of State figures.

³ Less than one-tenth of 1 person per square mile.

⁴ Dakota Territory: Less than one-tenth of 1 person per square mile in 1860, 0.1 in 1870, and 0.9 in 1880.

⁵ Oklahoma and Indian Territory combined. Separate data are as follows: Indian Territory 5.9 in 1890 and 12.7 in 1900; Oklahoma, 2.0 in 1890 and 10.3 in 1900.

Source: Department of Commerce, Bureau of the Census; *Reports of Fourteenth and Sixteenth Censuses, Population*, Vol. I, and *U. S. Census of Population: 1950*, Vol. I.

No. 7.—CENTERS OF POPULATION: 1790 TO 1950

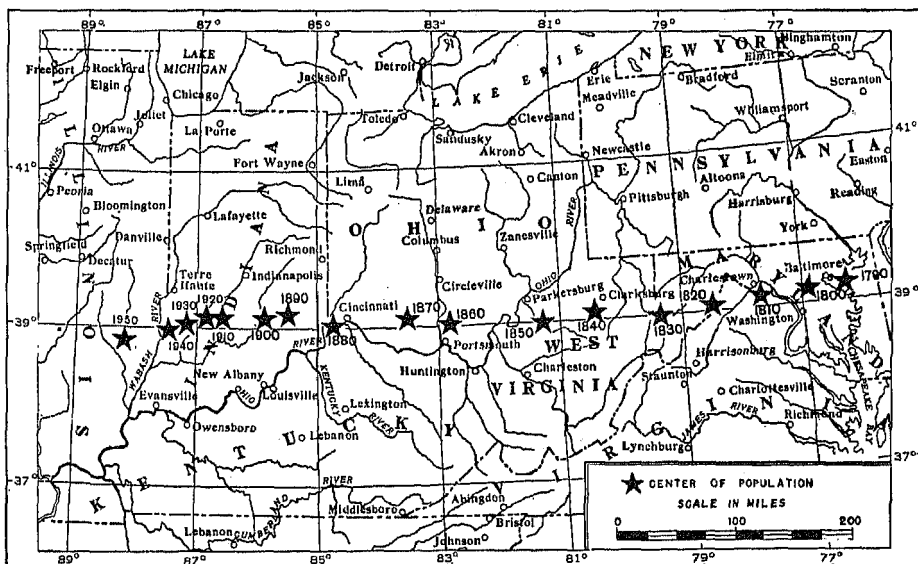
["Center of population" is that point which may be considered as center of population gravity of the U. S. or that point upon which the U. S. would balance, if it were a rigid plane without weight and the population distributed thereon with each individual being assumed to have equal weight and to exert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

YEAR	North latitude	West longitude	Approximate location
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. ¹
1830.....	38 57 54	79 16 54	19 miles west-southwest of Moorefield, W. Va. ¹
1840.....	39 2 0	80 18 0	16 miles south of Clarksburg, W. Va. ¹
1850.....	38 59 0	81 19 0	23 miles southeast of Parkersburg, W. Va. ¹
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.

¹ West Virginia was set off from Virginia Dec. 31, 1862, and admitted as a State June 19, 1863.

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

FIG. III.—CENTERS OF POPULATION: 1790 TO 1950



Source: Department of Commerce, Bureau of the Census.

NO. 8.—ESTIMATED POPULATION OF CONTINENTAL UNITED STATES: JULY 1, 1900 TO 1951

[Figures include armed forces stationed in continental United States but exclude U.S. residents serving overseas in armed forces. Estimates for 1900 to 1909 are sums of State estimates based on local data indicative of population change. Estimates for 1910 to 1951 are based on decennial censuses and statistics of births, deaths, immigration, emigration, and armed forces. Figures for 1940 to 1951 represent provisional estimates which take account of 1950 Census]

[In thousands]

YEAR	Number	YEAR	Number	YEAR	Number
1900.....	70,094	1917.....	103,266	1934.....	126,374
1901.....	77,585	1918.....	103,203	1935.....	127,260
1902.....	79,160	1919.....	104,512	1936.....	128,063
1903.....	80,632	1920.....	106,466	1937.....	128,825
1904.....	82,105	1921.....	108,541	1938.....	129,826
1905.....	83,820	1922.....	110,055	1939.....	130,880
1906.....	85,437	1923.....	111,050	1940.....	131,036
1907.....	87,000	1924.....	114,113	1941.....	133,058
1908.....	88,709	1925.....	115,832	1942.....	133,752
1909.....	90,492	1926.....	117,399	1943.....	133,071
1910.....	92,407	1927.....	119,038	1944.....	132,022
1911.....	93,808	1928.....	120,501	1945.....	132,137
1912.....	95,331	1929.....	121,770	1946.....	130,803
1913.....	97,227	1930.....	123,077	1947.....	133,375
1914.....	99,118	1931.....	124,040	1948.....	146,045
1915.....	100,549	1932.....	124,840	1949.....	148,558
1916.....	101,906	1933.....	125,579	1950.....	151,240
1917.....				1951.....	153,377

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-25, Nos. 48 and 49; and reports and records on population estimates.

NO. 9.—ESTIMATED POPULATION OF CONTINENTAL UNITED STATES, INCLUDING ARMED FORCES OVERSEAS, AND ESTIMATED CIVILIAN POPULATION: JULY 1, 1940 TO 1951

[In thousands. Estimates are based on 1940 and 1950 Censuses, and statistics of births, deaths, immigration, emigration, and armed forces. Figures are provisional]

YEAR	Total population including armed forces overseas	Civilian population	YEAR	Total population including armed forces overseas	Civilian population
1940.....	132,114	131,042	1946.....	141,308	138,304
1941.....	133,377	131,556	1947.....	144,129	142,595
1942.....	134,831	130,854	1948.....	146,621	145,171
1943.....	136,719	127,415	1949.....	149,149	147,512
1944.....	138,390	126,606	1950.....	151,689	160,208
1945.....	139,934	127,571	1951.....	154,353	151,672

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-25, Nos. 48 and 55.

No. 10.—PROVISIONAL ESTIMATES OF POPULATION BY STATES: JULY 1, 1941 TO 1950

[In thousands. Includes members of armed services stationed in continental United States, but excludes those overseas. Based on data from 1940 and 1950 Federal censuses, State censuses, school statistics, vital statistics, registrations for war ration books, immigration statistics, and data on armed forces. Subject to revision when additional intercensal data and more detailed data from the 1950 Population Census are available. For enumerated population, 1790 to 1950, see table 11]

DIVISION AND STATE	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
United States	133,058	133,752	133,971	132,622	132,137	133,893	143,375	146,045	148,558	151,240
New England	8,530	8,560	8,364	8,283	8,226	8,768	9,017	9,226	9,364	9,339
Maine.....	852	837	802	797	792	843	852	880	904	920
New Hampshire.....	495	491	465	454	450	491	497	508	523	536
Vermont.....	352	345	320	310	322	341	354	358	367	380
Massachusetts.....	4,374	4,355	4,244	4,165	4,108	4,449	4,604	4,710	4,772	4,701
Rhode Island.....	716	727	745	772	739	749	767	784	791	788
Connecticut.....	1,741	1,805	1,782	1,779	1,755	1,895	1,943	1,979	2,006	2,014
Middle Atlantic	27,530	27,115	26,323	26,028	25,610	27,776	28,555	29,266	29,944	30,335
New York.....	13,414	13,145	12,718	12,637	12,512	13,582	14,041	14,391	14,746	14,922
New Jersey.....	4,221	4,240	4,203	4,166	4,050	4,423	4,499	4,667	4,788	4,863
Pennsylvania.....	9,894	9,729	9,403	9,225	9,048	9,771	10,014	10,217	10,410	10,546
East North Central	26,817	26,842	26,530	26,421	26,391	28,293	29,052	29,693	30,114	30,512
Ohio.....	6,938	6,900	6,867	6,834	6,890	7,484	7,754	7,949	7,995	7,959
Indiana.....	3,455	3,481	3,477	3,434	3,432	3,657	3,729	3,820	3,896	3,953
Illinois.....	7,018	7,057	7,748	7,711	7,050	8,147	8,286	8,488	8,620	8,751
Michigan.....	5,371	5,380	5,425	5,465	5,483	5,867	6,004	6,175	6,270	6,307
Wisconsin.....	3,134	3,054	3,013	2,978	2,946	3,137	3,219	3,261	3,326	3,452
West North Central	13,260	13,072	12,775	12,298	12,181	12,882	13,136	13,360	13,723	14,149
Minnesota.....	2,742	2,606	2,556	2,521	2,534	2,713	2,789	2,850	2,916	3,002
Iowa.....	2,465	2,418	2,323	2,246	2,225	2,384	2,420	2,487	2,551	2,637
Missouri.....	3,814	3,853	3,711	3,536	3,481	3,713	3,807	3,832	3,907	3,970
North Dakota.....	616	587	550	523	522	541	553	562	583	625
South Dakota.....	612	584	583	549	547	553	571	591	618	660
Nebraska.....	1,204	1,226	1,239	1,197	1,192	1,227	1,236	1,243	1,284	1,337
Kansas.....	1,746	1,738	1,813	1,727	1,070	1,751	1,749	1,795	1,863	1,918
South Atlantic	18,552	18,983	19,343	19,217	19,034	19,741	20,187	20,340	20,719	21,235
Delaware.....	273	270	279	284	287	290	310	317	319	319
Maryland.....	1,038	2,021	2,003	2,111	2,103	2,288	2,317	2,295	2,339	2,352
District of Columbia.....	758	817	801	881	862	919	920	880	839	790
Virginia.....	2,840	3,000	3,100	3,170	3,068	3,171	3,197	3,257	3,297	3,314
West Virginia.....	1,897	1,865	1,769	1,711	1,712	1,831	1,890	1,909	1,938	2,011
North Carolina.....	3,625	3,607	3,623	3,551	3,515	3,650	3,748	3,836	3,944	4,081
South Carolina.....	1,950	1,983	1,942	1,929	1,907	1,894	1,962	1,968	2,004	2,121
Georgia.....	3,207	3,241	3,238	3,211	3,161	3,250	3,294	3,272	3,300	3,458
Florida.....	2,058	2,173	2,418	2,369	2,420	2,431	2,540	2,606	2,679	2,789
East South Central	10,846	10,760	10,815	10,497	10,327	10,718	11,023	11,101	11,210	11,497
Kentucky.....	2,787	2,745	2,705	2,633	2,580	2,721	2,798	2,822	2,862	2,956
Tennessee.....	2,968	2,920	2,962	2,885	2,878	3,064	3,182	3,236	3,267	3,297
Alabama.....	2,849	2,857	2,876	2,829	2,811	2,917	2,967	2,980	3,004	3,063
Mississippi.....	2,242	2,220	2,273	2,151	2,067	2,016	2,075	2,056	2,076	2,183
West South Central	12,981	13,119	13,579	13,130	13,071	13,612	13,898	14,101	14,266	14,552
Arkansas.....	1,905	1,892	1,836	1,771	1,746	1,702	1,815	1,811	1,835	1,913
Louisiana.....	2,460	2,508	2,561	2,513	2,438	2,504	2,500	2,500	2,633	2,688
Oklahoma.....	2,048	2,047	2,228	1,900	2,050	2,137	2,151	2,114	2,125	2,232
Texas.....	6,568	6,672	6,953	6,870	6,828	7,148	7,343	7,578	7,673	7,719
Mountain	4,215	4,294	4,443	4,303	4,227	4,446	4,561	4,684	4,854	5,121
Montana.....	544	522	487	462	463	495	515	535	562	598
Idaho.....	615	497	500	530	509	509	521	553	572	593
Wyoming.....	250	267	257	251	244	259	258	260	276	291
Colorado.....	1,138	1,136	1,171	1,148	1,118	1,186	1,201	1,201	1,249	1,339
New Mexico.....	631	636	541	532	539	556	574	592	632	691
Arizona.....	547	611	701	618	602	640	686	712	726	754
Utah.....	562	592	635	602	612	650	653	663	677	695
Nevada.....	118	133	144	151	148	145	153	159	159	180
Pacific	10,328	11,008	11,799	12,444	13,060	13,657	13,947	14,275	14,365	14,499
Washington.....	1,792	1,900	2,058	2,162	2,274	2,334	2,279	2,320	2,373	2,382
Oregon.....	1,131	1,147	1,233	1,282	1,294	1,398	1,473	1,482	1,493	1,525
California.....	7,405	7,951	8,508	9,001	9,491	9,925	10,194	10,467	10,490	10,592

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-25, Nos. 47 and 50.

No. 11.—POPULATION, BY STATES: 1790 TO 1950

[For regional totals, see *Historical Statistics*, series B 48-71]

DIVISION AND STATE	POPULATION						
	1790	1800	1810	1820	1830	1840	1850
United States.....	3,929,214	5,308,483	7,239,881	9,638,453	12,866,020	17,069,453	23,191,876
New England.....	1,009,408	1,233,011	1,471,973	1,660,071	1,954,717	2,234,822	2,728,116
Maine.....	96,540	151,719	228,705	208,335	309,455	501,793	583,169
New Hampshire.....	141,885	183,858	214,460	244,161	269,328	284,574	317,078
Vermont.....	85,425	154,465	217,895	235,981	280,552	291,948	314,130
Massachusetts.....	378,787	422,845	472,040	523,287	610,408	737,699	904,514
Rhode Island.....	68,825	69,122	76,931	83,059	97,199	108,830	147,545
Connecticut.....	237,946	251,002	261,942	275,248	297,675	309,978	370,702
Middle Atlantic.....	958,632	1,402,565	2,014,702	2,699,845	3,587,664	4,526,260	5,898,735
New York.....	340,120	589,051	950,049	1,372,812	1,918,608	2,428,921	3,097,394
New Jersey.....	184,139	211,149	245,562	277,675	320,823	373,306	489,655
Pennsylvania.....	434,373	602,365	810,091	1,040,458	1,348,233	1,724,033	2,311,780
East North Central.....		51,066	272,324	792,719	1,470,018	2,924,728	4,523,260
Ohio.....		45,305	230,780	581,434	937,003	1,519,407	1,980,329
Indiana.....		5,641	24,620	147,178	343,031	685,866	988,416
Illinois.....			12,282	55,211	157,445	476,183	851,470
Michigan.....			4,762	8,896	31,630	212,267	397,654
Wisconsin.....						30,945	305,301
West North Central.....			19,783	66,586	140,455	426,814	880,335
Minnesota.....							6,077
Iowa.....						43,112	102,214
Missouri.....			19,783	66,586	140,455	383,702	682,044
North Dakota.....							
South Dakota.....							
Nebraska.....							
Kansas.....							
South Atlantic.....	1,851,806	2,286,494	2,674,891	3,061,063	3,645,752	3,925,299	4,679,090
Delaware.....	69,006	64,273	72,674	72,749	76,748	78,085	91,532
Maryland.....	319,728	341,548	380,546	407,350	447,040	470,019	583,034
Dist. of Columbia ¹		14,083	24,023	33,030	39,834	43,712	51,687
Virginia ²	747,610	880,200	974,600	1,065,393	1,211,405	1,239,797	1,421,061
West Virginia ³							
North Carolina.....	398,751	478,103	555,500	638,829	737,087	753,419	866,630
South Carolina.....	249,073	345,691	415,115	502,741	581,185	594,398	668,507
Georgia.....	82,548	162,686	252,433	340,980	510,823	691,392	906,185
Florida.....					34,730	54,477	87,445
East South Central.....	109,368	335,407	708,590	1,190,489	1,815,969	2,575,445	3,363,271
Kentucky.....	73,677	220,955	406,511	664,317	987,917	779,828	982,405
Tennessee.....	35,691	105,602	261,727	422,823	681,904	829,210	1,002,717
Alabama ⁴				127,901	309,527	590,756	771,623
Mississippi ⁵		8,850	40,352	75,448	136,621	375,651	606,520
West South Central.....			77,618	167,680	246,127	449,985	940,251
Arkansas.....			1,062	14,273	30,388	97,574	209,697
Louisiana.....			76,556	153,407	215,739	352,411	517,702
Oklahoma.....							
Texas.....							212,662
Mountain.....							72,927
Montana.....							
Idaho.....							
Wyoming.....							
Colorado.....							
New Mexico.....							61,617
Arizona.....							
Utah.....							11,380
Nevada.....							
Pacific.....							105,891
Washington.....							
Oregon.....							13,204
California.....							92,687

¹ Includes persons (5,318 in 1830 and 6,100 in 1840) on public ships in service of the United States, not credited to any division or State.² Population of present area of District of Columbia: 1800, 8,144; 1810, 15,471; 1820, 23,336; 1830, 30,261; 1840, 33,745.³ Population of present area of Virginia: 1790, 691,737; 1800, 807,557; 1810, 877,683; 1820, 938,201; 1830, 1,044,054; 1840, 1,025,227; 1850, 1,119,348; 1860, 1,219,630.⁴ Population of present area of West Virginia: 1790, 55,873; 1800, 78,592; 1810, 105,469; 1820, 136,808; 1830, 170,024; 1840, 224,537; 1850, 302,313; 1860, 376,688.⁵ Population of area now in Alabama included in Mississippi territory: 1800, 1,250; 1810, 9,046.⁶ Includes 1,201, population of area comprising Washington and Idaho, and parts of Montana and Wyoming.

No. 11.—POPULATION, BY STATES: 1790 TO 1950—Continued

DIVISION AND STATE	POPULATION						
	1860	1870	1880	1890	1900	1910	1920
United States.....	31,443,321	39,818,449	50,155,783	62,947,714	75,994,575	91,972,266	105,710,620
New England.....	3,135,283	3,487,924	4,010,529	4,700,749	5,592,017	6,552,681	7,400,909
Maine.....	628,270	626,915	648,936	661,086	694,466	742,371	768,014
New Hampshire.....	326,073	318,300	346,991	376,530	411,588	430,672	443,083
Vermont.....	315,098	330,561	332,286	332,422	343,641	355,956	362,428
Massachusetts.....	1,231,066	1,457,351	1,783,085	2,238,947	2,805,346	3,360,416	3,862,356
Rhode Island.....	174,620	1,214,363	276,531	345,506	428,556	542,610	604,307
Connecticut.....	460,147	537,464	622,700	746,258	908,420	1,114,756	1,380,631
Middle Atlantic.....	7,458,985	8,810,806	10,496,878	12,706,220	15,454,678	19,315,892	22,261,141
New York.....	3,880,735	4,382,769	5,082,871	6,003,174	7,268,894	9,113,614	10,385,227
New Jersey.....	672,035	906,096	1,131,116	1,444,933	1,883,669	2,537,167	3,155,900
Pennsylvania.....	2,906,216	3,521,951	4,282,891	5,258,113	6,302,115	7,665,111	8,720,017
East North Central.....	6,926,884	9,124,517	11,206,668	13,478,305	15,985,581	18,250,621	21,475,543
Ohio.....	2,339,511	2,665,260	3,198,062	3,672,329	4,157,545	4,767,121	5,750,394
Indiana.....	1,850,428	1,680,637	1,978,301	2,192,404	2,516,462	2,700,876	2,930,390
Illinois.....	1,711,051	2,539,891	3,077,871	3,826,352	4,821,550	5,638,501	6,485,280
Michigan.....	740,118	1,184,059	1,636,937	2,093,890	2,420,982	2,810,173	3,698,412
Wisconsin.....	775,881	1,054,670	1,315,497	1,693,330	2,069,042	2,333,860	2,632,067
West North Central.....	2,169,832	3,856,594	6,157,443	8,932,112	10,347,423	11,637,921	12,544,249
Minnesota.....	172,623	470,778	780,773	1,310,283	1,751,394	2,075,708	2,387,125
Iowa.....	674,913	1,194,020	1,624,615	1,912,297	2,231,853	2,224,771	2,404,021
Missouri.....	1,182,012	1,721,295	2,168,380	2,670,185	3,106,065	3,293,335	3,404,056
North Dakota.....	(⁹)	⁹ 2,405	⁹ 36,909	190,983	319,146	577,056	648,872
South Dakota.....	⁹ 4,837	⁹ 11,776	⁹ 98,268	348,600	461,570	683,888	630,847
Nebraska.....	28,841	122,993	452,402	1,062,656	1,066,300	1,102,214	1,296,372
Kansas.....	107,206	364,399	906,096	1,428,108	1,470,495	1,600,949	1,700,267
South Atlantic.....	5,364,703	5,853,610	7,597,197	8,857,922	10,443,486	12,194,895	13,990,272
Delaware.....	112,216	125,015	146,608	168,493	184,735	202,322	223,047
Maryland.....	687,049	780,894	934,943	1,042,300	1,188,044	1,295,346	1,440,001
Dist. of Columbia.....	76,080	131,700	177,624	230,392	278,718	331,069	437,671
Virginia.....	1,606,318	1,226,193	1,512,505	1,655,980	1,854,184	2,061,612	2,309,187
West Virginia.....	992,622	442,014	618,457	762,704	958,800	1,221,119	1,463,701
North Carolina.....	992,622	1,071,361	1,309,750	1,617,949	1,893,810	2,206,287	2,550,123
South Carolina.....	703,708	705,606	905,677	1,151,149	1,340,316	1,515,400	1,683,724
Georgia.....	1,057,286	1,184,100	1,542,180	1,837,353	2,216,331	2,609,121	2,895,833
Florida.....	140,424	187,748	260,493	301,422	528,642	752,619	968,470
East South Central.....	4,020,991	4,404,445	5,585,151	6,429,154	7,547,757	8,409,901	8,893,207
Kentucky.....	1,155,884	1,321,011	1,648,690	1,858,635	2,147,174	2,289,905	2,416,630
Tennessee.....	1,109,801	1,258,520	1,542,350	1,767,618	2,020,616	2,184,789	2,337,885
Alabama.....	664,201	906,992	1,262,605	1,513,401	1,828,697	2,138,093	2,348,174
Mississippi.....	791,305	827,622	1,131,597	1,289,600	1,551,270	1,707,114	1,700,018
West South Central.....	1,747,667	2,029,965	3,334,220	4,740,983	6,532,290	8,784,534	10,242,224
Arkansas.....	435,450	484,471	802,525	1,128,211	1,311,564	1,574,440	1,752,204
Louisiana.....	708,002	726,915	939,946	1,118,588	1,331,625	1,556,888	1,798,560
Oklahoma.....				¹⁰ 258,657	¹⁰ 790,391	1,557,155	2,028,283
Texas.....	604,215	818,579	1,591,749	2,235,527	3,048,710	3,896,542	4,693,228
Mountain.....	174,923	315,385	653,119	1,213,935	1,674,657	2,633,517	3,336,101
Montana.....	20,595	20,595	39,150	142,924	243,329	376,053	548,689
Idaho.....	14,990	32,610	88,548	161,772	326,594	481,864	641,864
Wyoming.....	0,118	20,789	62,555	92,531	145,065	194,402	290,029
Colorado.....	34,277	39,804	104,327	413,240	530,700	799,024	930,029
New Mexico.....	93,516	91,874	119,555	160,282	195,310	327,301	360,354
Arizona.....		0,658	40,440	88,248	122,931	204,354	334,162
Utah.....	40,273	80,786	143,063	210,770	276,740	373,351	449,394
Nevada.....	6,857	42,491	62,266	47,355	42,335	81,875	77,407
Pacific.....	444,053	675,125	1,114,578	1,888,334	2,416,692	4,192,304	5,556,871
Washington.....	11,594	23,955	75,116	357,232	518,103	1,141,990	1,355,921
Oregon.....	52,465	90,923	174,768	317,704	413,536	672,765	783,959
California.....	376,994	560,247	864,694	1,213,398	1,485,053	2,377,549	3,420,801

³ See note 3, p. 12.⁴ See note 4, p. 12.⁵ Revised; unrounded figure is 38,558,371. Census of Southern States considered incomplete but there has been no revision of State figures, hence State figures do not add to total shown here.⁶ Includes 325,464, population of Indian Territory and Indian reservations, specially enumerated.⁷ Figure for 1860 for South Dakota represents entire Dakota Territory. Figures for 1870 and 1880 for North Dakota and South Dakota are for the parts of Dakota Territory which later constituted the respective States.¹⁰ Includes population of Indian Territory, as follows: 1890, 180,182; 1900, 392,000.

No. 11.—POPULATION, BY STATES: 1790 to 1950—Continued

[Minus sign (—) denotes decrease]

DIVISION AND STATE	POPULATION			Per- cent in- crease 1940 to 1950	POPULATION RANK	
	1930	1940	1950		1940	1950
United States.....	122,775,046	131,669,275	150,697,361	14.5	-----	-----
New England.....	8,166,341	8,437,290	9,314,453	10.4	-----	-----
Maine.....	797,423	847,226	913,774	7.9	35	35
New Hampshire.....	405,203	491,624	533,242	8.5	45	45
Vermont.....	369,611	350,231	377,747	5.2	46	46
Massachusetts.....	4,249,614	4,316,721	4,090,614	8.7	8	9
Rhode Island.....	687,497	713,346	791,896	11.0	36	37
Connecticut.....	1,606,903	1,709,242	2,007,280	17.4	31	28
Middle Atlantic.....	26,260,750	27,539,487	30,163,533	9.5	-----	-----
New York.....	12,588,006	13,479,142	14,830,192	10.0	1	1
New Jersey.....	4,041,334	4,160,165	4,835,329	16.2	9	8
Pennsylvania.....	9,631,350	9,900,180	10,498,012	6.0	2	3
East North Central.....	25,297,185	26,626,342	30,399,368	14.2	-----	-----
Ohio.....	6,046,987	6,907,612	7,940,627	15.0	4	5
Indiana.....	3,238,603	3,427,790	3,934,224	14.8	12	12
Illinois.....	7,050,054	7,897,241	8,712,176	10.3	3	4
Michigan.....	4,842,325	5,260,106	6,371,796	21.2	7	7
Wisconsin.....	2,939,006	3,137,587	3,434,575	9.5	13	14
West North Central.....	13,296,915	13,516,990	14,061,394	4.0	-----	-----
Minnesota.....	2,503,953	2,792,300	2,982,483	6.8	18	18
Iowa.....	2,470,339	2,538,268	2,621,073	3.3	20	22
Missouri.....	3,629,367	3,784,664	3,954,653	4.5	10	11
North Dakota.....	650,846	641,935	610,636	-3.5	39	42
South Dakota.....	692,849	642,961	652,740	1.6	38	41
Nebraska.....	1,377,953	1,315,834	1,325,610	.7	32	33
Kansas.....	1,880,909	1,801,028	1,906,299	5.8	29	31
South Atlantic.....	15,793,589	17,823,151	21,182,335	18.8	-----	-----
Delaware.....	238,880	256,505	318,085	10.4	47	47
Maryland.....	1,631,626	1,821,244	2,343,001	28.6	28	24
Dist. of Columbia.....	486,869	663,091	802,178	21.0	37	30
Virginia.....	2,421,851	2,677,773	3,318,680	23.9	19	15
West Virginia.....	1,729,205	1,901,974	2,005,562	5.4	25	20
North Carolina.....	3,170,276	3,671,623	4,061,929	13.7	11	10
South Carolina.....	1,738,765	1,899,804	2,117,027	11.4	20	27
Georgia.....	2,908,606	3,123,723	3,444,578	10.3	14	13
Florida.....	1,468,211	1,897,414	2,771,305	46.1	27	20
East South Central.....	9,887,214	10,778,225	11,477,181	6.5	-----	-----
Kentucky.....	2,614,689	2,845,627	2,944,806	3.5	16	19
Tennessee.....	2,610,556	2,915,841	3,291,718	12.9	15	16
Alabama.....	2,646,248	2,832,961	3,061,743	8.1	17	17
Mississippi.....	2,000,821	2,183,796	2,178,014	-.2	23	20
West South Central.....	12,176,830	13,064,525	14,537,572	11.3	-----	-----
Arkansas.....	1,854,482	1,949,387	1,909,611	-2.0	24	30
Louisiana.....	2,101,593	2,303,880	2,683,616	13.5	21	21
Oklahoma.....	2,306,040	2,336,434	2,233,351	-4.4	22	25
Texas.....	5,824,715	6,414,824	7,711,194	20.2	6	6
Mountain.....	3,701,789	4,160,003	5,074,998	22.3	-----	-----
Montana.....	537,606	559,450	501,024	5.6	40	43
Idaho.....	445,032	524,873	583,637	12.1	43	44
Wyoming.....	225,565	250,742	290,520	15.9	48	48
Colorado.....	1,035,791	1,123,296	1,325,089	18.0	33	34
New Mexico.....	423,317	531,818	681,187	28.1	42	40
Arizona.....	435,573	499,261	749,587	50.1	44	38
Utah.....	507,847	550,310	688,862	25.2	41	39
Nevada.....	91,058	110,247	160,083	45.2	49	40
Pacific.....	8,194,433	9,733,262	14,486,527	48.8	-----	-----
Washington.....	1,563,396	1,736,191	2,378,963	37.0	30	23
Oregon.....	953,786	1,089,684	1,521,341	39.6	34	32
California.....	5,677,251	6,907,387	10,586,223	53.3	5	2

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

No. 12.—ESTIMATED CHANGE IN THE CIVILIAN POPULATION, BY COMPONENTS, BY STATES: 1940 TO 1950.

DIVISION AND STATE	CIVILIAN POPULATION		POPULATION CHANGE, 1940 TO 1950				
	1940, Apr. 1	1950, Apr. 1	Net change	Births	Deaths	Net migration ¹	Net loss to armed forces
United States	131,391,000	149,634,000	+18,242,000	32,294,000	14,195,000	+1,611,000	1,468,000
New England	8,424,000	9,261,000	+837,000	1,781,000	993,000	+158,000	109,000
Maine.....	845,000	912,000	+67,000	106,000	102,000	-16,000	11,000
New Hampshire.....	491,000	531,000	+40,000	103,000	60,000	+6,000	8,000
Vermont.....	358,000	378,000	+20,000	82,000	43,000	-15,000	4,000
Massachusetts.....	4,312,000	4,666,000	+353,000	873,000	517,000	+55,000	58,000
Rhode Island.....	710,000	774,000	+65,000	151,000	81,000	+1,000	6,000
Connecticut.....	1,708,000	2,001,000	+293,000	377,000	190,000	+128,000	22,000
Middle Atlantic	27,505,000	30,083,000	+2,578,000	5,535,000	3,111,000	+448,000	294,000
New York.....	13,454,000	14,801,000	+1,346,000	2,625,000	1,539,000	+376,000	116,000
New Jersey.....	4,155,000	4,802,000	+647,000	853,000	473,000	+314,000	46,000
Pennsylvania.....	9,895,000	10,480,000	+585,000	2,057,000	1,099,000	-242,000	131,000
East North Central	26,604,000	30,337,000	+3,733,000	6,088,000	2,966,000	+900,000	290,000
Ohio.....	6,904,000	7,938,000	+1,034,000	1,607,000	700,000	+306,000	81,000
Indiana.....	3,425,000	3,932,000	+508,000	813,000	398,000	+133,000	40,000
Illinois.....	7,850,000	8,672,000	+822,000	1,635,000	808,000	+120,000	77,000
Michigan.....	5,253,000	6,061,000	+808,000	1,329,000	550,000	+392,000	63,000
Wisconsin.....	3,137,000	3,493,000	+356,000	704,000	321,000	-51,000	36,000
West North Central	13,506,000	14,032,000	+526,000	2,932,000	1,378,000	-891,000	138,000
Minnesota.....	2,790,000	2,981,000	+191,000	630,000	269,000	-143,000	27,000
Iowa.....	2,537,000	2,621,000	+84,000	544,000	250,000	-179,000	20,000
Missouri.....	3,724,000	3,953,000	+229,000	810,000	432,000	-168,000	41,000
North Dakota.....	642,000	620,000	-22,000	150,000	62,000	-115,000	6,000
South Dakota.....	643,000	650,000	+7,000	145,000	66,000	-79,000	8,000
Nebraska.....	1,314,000	1,322,000	+8,000	272,000	126,000	-126,000	13,000
Kansas.....	1,797,000	1,887,000	+90,000	351,000	184,000	-87,000	10,000
South Atlantic	17,747,000	20,860,000	+3,113,000	5,252,000	1,815,000	-134,000	100,000
Delaware.....	266,000	313,000	+47,000	64,000	33,000	+24,000	2,000
Maryland.....	1,812,000	2,306,000	+495,000	474,000	222,000	+201,000	18,000
District of Columbia.....	657,000	789,000	+132,000	183,000	82,000	+10,000	5,000
Virginia.....	2,650,000	3,220,000	+570,000	708,000	288,000	+106,000	16,000
West Virginia.....	1,902,000	2,005,000	+103,000	522,000	173,000	-217,000	29,000
North Carolina.....	3,556,000	4,014,000	+458,000	1,086,000	303,000	-296,000	20,000
South Carolina.....	1,894,000	2,096,000	+201,000	694,000	185,000	-201,000	16,000
Georgia.....	3,109,000	3,402,000	+293,000	944,000	297,000	-820,000	27,000
Florida.....	1,892,000	2,720,000	+828,000	547,000	230,000	+559,000	39,000
East South Central	10,767,000	11,412,000	+645,000	3,133,000	1,049,000	-1,325,000	113,000
Kentucky.....	2,838,000	2,913,000	+75,000	759,000	286,000	-872,000	26,000
Tennessee.....	2,916,000	3,281,000	+365,000	848,000	287,000	-100,000	50,000
Alabama.....	2,830,000	3,053,000	+223,000	806,000	268,000	-843,000	31,000
Mississippi.....	2,184,000	2,164,000	-19,000	660,000	208,000	-461,000	21,000
West South Central	13,029,000	14,380,000	+1,351,000	3,694,000	1,203,000	-988,000	152,000
Arkansas.....	1,948,000	1,908,000	-40,000	552,000	157,000	-413,000	22,000
Louisiana.....	2,361,000	2,670,000	+309,000	710,000	233,000	-141,000	27,000
Oklahoma.....	2,831,000	2,218,000	-613,000	540,000	196,000	-431,000	20,000
Texas.....	6,389,000	7,684,000	+1,295,000	1,893,000	617,000	-3,000	76,000
Mountain	4,140,000	5,021,000	+881,000	1,196,000	431,000	+172,000	56,000
Montana.....	559,000	589,000	+30,000	129,000	57,000	-35,000	7,000
Idaho.....	525,000	588,000	+63,000	138,000	47,000	-21,000	7,000
Wyoming.....	246,000	282,000	+36,000	64,000	22,000	-7,000	(²)
Colorado.....	1,120,000	1,307,000	+187,000	285,000	124,000	+40,000	14,000
New Mexico.....	532,000	608,000	+76,000	195,000	56,000	+7,000	9,000
Arizona.....	498,000	742,000	+244,000	173,000	60,000	+142,000	10,000
Utah.....	550,000	687,000	+137,000	180,000	49,000	+13,000	8,000
Nevada.....	110,000	157,000	+47,000	32,000	16,000	+33,000	2,000
Pacific	9,669,000	14,248,000	+4,579,000	2,683,000	1,250,000	+3,272,000	126,000
Washington.....	1,722,000	2,317,000	+595,000	470,000	213,000	+353,000	16,000
Oregon.....	1,089,000	1,519,000	+430,000	279,000	132,000	+303,000	21,000
California.....	6,858,000	10,413,000	+3,555,000	1,934,000	905,000	+2,615,000	90,000

¹ Net migration comprises both net immigration from abroad and net interdivisional or interstate migration.

² Estimated net loss to armed forces less than 500.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-25, No. 47.

NO. 13.—POPULATION OF STANDARD METROPOLITAN AREAS: 1940 AND 1950

[Minus sign (—) denotes decrease. For detailed explanation of standard metropolitan area concept and data for geographic components of each area, see source and *County and City Data Book, 1949*, a supplement to the *Statistical Abstract*]

STANDARD METROPOLITAN AREA	1940, Apr. 1	1950, Apr. 1	Per- cent in- crease 1940 to 1950	STANDARD METROPOLITAN AREA	1940, Apr. 1	1950, Apr. 1	Per- cent in- crease 1940 to 1950
CONTINENTAL UNITED STATES				CONTINENTAL UNITED STATES—continued			
Total, 168 areas.....	69,276,481	84,500,680	22.0	Grand Rapids (Mich.) area.....	246,338	288,292	17.0
Akron (Ohio) area.....	330,405	410,032	20.8	Green Bay (Wis.) area.....	83,109	98,314	18.3
Albany-Schenectady-Troy (N. Y.) area.....	466,043	514,490	10.5	Greensboro-High Point (N. C.) area.....	153,916	191,057	24.1
Albuquerque (N. Mex.) area.....	69,391	145,673	109.9	Greenville (S. C.) area.....	136,580	168,162	23.1
Allentown-Bethlehem-Easton (Pa.) area.....	396,673	437,824	10.4	Hamilton-Middleton (Ohio) area.....	120,249	147,203	22.4
Altoona (Pa.) area.....	140,358	139,614	— .6	Harrisburg (Pa.) area.....	252,216	292,241	15.9
Amarillo (Tex.) area.....	61,450	87,140	41.8	Hartford (Conn.) area.....	295,613	358,081	21.1
Asheville (N. C.) area.....	108,755	124,403	14.4	Houston (Tex.) area.....	528,961	806,701	52.5
Atlanta (Ga.) area.....	518,100	671,797	29.7	Huntington (W. Va.)-Ashland (Ky.) area.....	225,668	245,795	8.9
Atlantic City (N. J.) area.....	124,066	132,399	6.7	Indianapolis (Ind.) area.....	460,926	551,777	19.7
Augusta (Ga.) area.....	131,779	162,013	22.9	Jackson (Mich.) area.....	93,108	107,925	15.9
Austin (Tex.) area.....	111,053	160,980	45.0	Jackson (Miss.) area.....	107,273	142,164	32.5
Baltimore (Md.) area.....	1,083,309	1,337,373	23.5	Jacksonville (Fla.) area.....	210,143	304,029	44.7
Baton Rouge (La.) area.....	88,415	158,230	79.0	Johnstown (Pa.) area.....	298,410	291,354	— 2.4
Bay City (Mich.) area.....	74,981	88,461	18.0	Kalamazoo (Mich.) area.....	100,085	126,707	26.6
Beaumont-Port Arthur (Tex.) area.....	145,329	193,083	34.2	Kansas City (Kans.) area.....	686,043	814,357	18.6
Binghamton (N. Y.) area.....	165,740	184,698	11.4	Kenosha (Wis.) area.....	63,605	75,238	18.5
Birmingham (Ala.) area.....	490,630	558,928	21.5	Knoxville (Tenn.) area.....	246,088	337,105	37.0
Boston (Mass.) area.....	2,177,621	2,360,986	8.8	Lancaster (Pa.) area.....	212,504	234,717	10.5
Bridgeport (Conn.) area.....	212,669	259,137	21.4	Lansing (Mich.) area.....	136,616	172,941	32.4
Bridgton (Mass.) area.....	119,310	128,423	8.5	Laredo (Tex.) area.....	45,916	56,141	22.3
Buffalo (N. Y.) area.....	958,487	1,089,230	13.6	Lawrence (Mass.) area.....	124,349	125,935	.9
Canton (Ohio) area.....	234,887	283,194	20.6	Lexington (Ky.) area.....	78,809	100,746	27.7
Cedar Rapids (Iowa) area.....	89,142	104,274	17.0	Lima (Ohio) area.....	73,303	88,183	20.3
Charleston (S. C.) area.....	121,106	104,856	35.1	Lincoln (Nebr.) area.....	100,585	119,742	19.0
Charleston (W. Va.) area.....	276,247	322,072	16.6	Little Rock-North Little Rock (Ark.) area.....	156,085	166,685	6.6
Charlotte (N. C.) area.....	151,826	197,032	29.8	Lorain-Elyria (Ohio) area.....	112,390	148,162	31.0
Chattanooga (Tenn.) area.....	211,602	246,453	16.5	Los Angeles (Calif.) area.....	2,916,403	4,367,011	49.8
Chicago (Ill.) area.....	4,825,527	5,465,364	13.9	Louisville (Ky.) area.....	451,473	576,900	27.8
Cincinnati (Ohio) area.....	787,044	904,402	14.9	Lowell (Mass.) area.....	130,990	133,928	2.2
Cleveland (Ohio) area.....	1,267,270	1,465,511	15.6	Lubbock (Tex.) area.....	51,782	101,048	95.1
Columbia (S. C.) area.....	104,843	142,505	36.0	Macon (Ga.) area.....	95,086	135,043	42.0
Columbus (Ga.) area.....	126,407	170,641	34.9	Madison (Wis.) area.....	130,660	169,357	29.6
Columbus (Ohio) area.....	588,712	653,410	29.5	Manchester (N. H.) area.....	81,032	88,370	7.9
Corpus Christi (Tex.) area.....	92,661	105,471	17.8	Memphis (Tenn.) area.....	358,250	482,393	34.7
Dallas (Tex.) area.....	395,564	614,799	54.3	Miami (Fla.) area.....	267,739	495,084	82.9
Davenport (Iowa)-Rock Island-Moline (Ill.) area.....	195,071	234,256	18.3	Milwaukee (Wis.) area.....	706,885	871,047	18.6
Dayton (Ohio) area.....	331,343	457,333	38.0	Minneapolis-St. Paul (Minn.) area.....	940,937	1,116,509	18.7
Decatur (Ill.) area.....	84,693	98,853	16.7	Mobile (Ala.) area.....	141,074	231,105	62.8
Denver (Colo.) area.....	407,769	565,852	38.3	Montgomery (Ala.) area.....	114,420	138,965	21.5
Des Moines (Iowa) area.....	195,835	226,010	15.4	Muncie (Ind.) area.....	74,063	90,252	20.4
Detroit (Mich.) area.....	2,377,329	3,016,197	29.0	Nashville (Tenn.) area.....	267,267	321,758	25.1
Duluth (Minn.)-Superior (Wis.) area.....	254,036	252,777	— .5	New Bedford (Mass.) area.....	134,435	137,469	2.3
Durham (N. C.) area.....	30,244	101,639	26.7	New Britain-Bristol (Conn.) area.....	126,709	146,983	16.0
El Paso (Tex.) area.....	131,007	194,998	48.8	New Haven (Conn.) area.....	240,750	264,622	9.9
Erie (Pa.) area.....	180,859	219,388	21.3	New Orleans (La.) area.....	552,244	685,405	24.1
Evansville (Ind.) area.....	130,723	150,422	22.7	New York-Northeastern New Jersey area.....	11,660,830	12,911,994	10.7
Fall River (Mass.) area.....	135,137	137,238	1.6	Norfolk-Portsmouth (Va.) area.....	258,927	446,200	72.3
Flint (Mich.) area.....	227,944	279,933	18.9	Ogden (Utah) area.....	56,714	83,319	46.9
Fort Wayne (Ind.) area.....	155,034	183,762	18.5	Oklahoma City (Okla.) area.....	244,159	325,352	33.3
Fort Worth (Tex.) area.....	225,621	361,253	60.2	Omaha (Nebr.) area.....	325,153	366,395	12.7
Fresno (Calif.) area.....	178,555	270,515	54.9				
Gadsden (Ala.) area.....	72,680	93,892	29.4				
Galveston (Tex.) area.....	81,173	113,066	39.8				

No.13.—POPULATION OF STANDARD METROPOLITAN AREAS, CONTINENTAL UNITED STATES AND TERRITORIES: 1940 AND 1950—Continued

[Minus sign (—) denotes decrease]

STANDARD METROPOLITAN AREA	1940, Apr. 1	1950, Apr. 1	Percent increase 1940 to 1950	STANDARD METROPOLITAN AREA	1940, Apr. 1	1950, Apr. 1	Percent increase 1940 to 1950
CONTINENTAL UNITED STATES—continued				CONTINENTAL UNITED STATES—continued			
Orlando (Fla.) area.....	70, 074	114, 950	64. 0	Springfield-Holyoke (Mass.) area.....			
Peoria (Ill.) area.....	211, 736	250, 512	18. 3	Stamford-Norwalk (Conn.) area.....	364, 680	407, 255	11. 7
Philadelphia (Pa.) area.....	3,199,637	3,671,048	14. 7	Stockton (Calif.) area.....	160, 274	196, 023	22. 3
Phoenix (Ariz.) area.....	186, 193	331, 770	78. 2	Syracuse (N. Y.) area.....	134, 207	200, 750	49. 6
Pittsburgh (Pa.) area.....	2,082,656	2,213,236	6. 3	Tacoma (Wash.) area.....	205, 103	341, 719	15. 8
Pittsfield (Mass.) area.....	80, 996	66, 667	9. 1	Tampa-St. Petersburg (Fla.) area.....	182, 081	275, 870	51. 5
Portland (Maine) area.....	106, 556	119, 942	12. 6	Terre Haute (Ind.) area.....	272, 000	409, 143	50. 4
Portland (Oreg.) area.....	501, 275	704, 820	40. 6	Toledo (Ohio) area.....	99, 709	105, 160	5. 5
Providence (R. I.) area.....	676, 766	737, 823	8. 9	Topeka (Kans.) area.....	344, 333	395, 551	14. 9
Pueblo (Colo.) area.....	68, 870	90, 188	31. 0	Trenton (N. J.) area.....	91, 247	105, 418	15. 5
Racine (Wis.) area.....	94, 047	109, 585	16. 5	Tulsa (Okla.) area.....	197, 318	229, 781	16. 5
Raleigh (N. C.) area.....	109, 514	136, 450	24. 6	Utica-Rome (N. Y.) area.....	193, 363	251, 686	30. 2
Reading (Pa.) area.....	241, 854	255, 740	5. 7	Waco (Tex.) area.....	263, 163	284, 262	8. 0
Richmond (Va.) area.....	262, 991	328, 050	24. 7	Washington (D. C.) area.....	101, 898	130, 194	27. 8
Roanoke (Va.) area.....	112, 184	133, 407	18. 9	Waterbury (Conn.) area.....	967, 985	1,464,089	51. 3
Rochester (N. Y.) area.....	438, 230	487, 632	11. 3	Waterloo (Iowa) area.....	138, 779	154, 656	11. 4
Rockford (Ill.) area.....	121, 178	152, 385	25. 8	Wheeling (W. Va.)-Steubenville (Ohio) area.....	79, 946	100, 448	25. 6
Sacramento (Calif.) area.....	170, 333	277, 140	62. 7	Wichita (Kans.) area.....	364, 132	354, 092	—2. 8
Saginaw (Mich.) area.....	130, 468	163, 515	17. 7	Wichita Falls (Tex.) area.....	143, 311	222, 200	55. 1
St. Joseph (Mo.) area.....	94, 007	90, 826	2. 9	Wilkes-Barre-Hazleton (Pa.) area.....	73, 604	98, 493	33. 8
St. Louis (Mo.) area.....	1,432,088	1,681,281	17. 4	Wilmington (Del.) area.....	441, 518	392, 241	—11. 2
Salt Lake (Utah) area.....	211, 623	274, 895	30. 9	Winston-Salem (N. C.) area.....	221, 836	268, 387	21. 0
San Angelo (Tex.) area.....	39, 302	58, 929	49. 9	Worcester (Mass.) area.....	136, 475	146, 135	15. 5
San Antonio (Tex.) area.....	338, 176	500, 460	48. 0	York (Pa.) area.....	252, 752	276, 336	9. 3
San Bernardino (Calif.) area.....	161, 108	281, 642	74. 8	Youngstown (Ohio) area.....	178, 022	202, 737	13. 9
San Diego (Calif.) area.....	289, 348	550, 808	92. 4		473, 605	528, 498	11. 6
San Francisco-Oakland (Calif.) area.....	1,401,804	2,240,767	53. 3	HAWAII			
San Jose (Calif.) area.....	174, 049	290, 547	66. 1	Honolulu.....	258, 256	353, 020	36. 7
Savannah (Ga.) area.....	117, 970	151, 481	28. 4	PUERTO RICO			
Scranton (Pa.) area.....	301, 243	257, 396	—14. 6	Mayaguez.....	76, 487	87, 307	14. 1
Seattle (Wash.) area.....	604, 980	732, 092	45. 2	Ponce.....	105, 116	126, 810	20. 6
Shreveport (La.) area.....	150, 203	176, 547	17. 5	San Juan—Rio Piedras.....	302, 765	465, 741	53. 8
Sioux City (Iowa) area.....	103, 627	103, 917	. 3				
Sioux Falls (S. Dak.) area.....	57, 697	70, 010	22. 9				
South Bend (Ind.) area.....	101, 823	205, 058	26. 7				
Spokane (Wash.) area.....	164, 652	221, 561	34. 6				
Springfield (Ill.) area.....	117, 912	131, 434	11. 5				
Springfield (Mo.) area.....	90, 541	104, 823	15. 8				
Springfield (Ohio) area.....	95, 047	111, 661	16. 7				

Source: Department of Commerce, Bureau of Census; 1950 Census of Population, Series PC-3, No. 3.

No. 14.—POPULATION OF CITIES HAVING 50,000 INHABITANTS OR MORE IN 1950: 1890 TO 1950

[Increase from census to census includes that due to annexation of territory as well as to direct growth]

CITY	1890	1900	1910	1920	1930	1940	1950
Akron, Ohio	27,601	42,728	69,067	208,435	255,040	244,791	274,605
Alameda, Calif.	11,165	16,464	23,383	28,806	35,033	36,256	64,430
Albany, N. Y.	94,923	94,161	100,253	113,344	127,412	130,577	134,995
Albuquerque, N. Mex.	3,785	6,238	11,020	15,157	26,570	35,440	96,815
Alexandria, Va.	14,339	14,528	15,329	18,090	24,149	33,523	61,787
Alhambra, Calif.			5,021	9,006	20,472	38,935	51,359
Allentown, Pa.	25,228	35,416	51,913	73,502	92,593	96,904	109,759
Altoona, Pa.	30,337	38,973	52,127	60,931	82,054	80,214	77,177
Amarillo, Tex.	482	1,442	9,957	15,494	43,132	51,686	74,246
Asheville, N. C.	10,236	14,694	18,762	28,604	50,193	51,310	53,000
Atlanta, Ga.	65,533	89,872	154,839	200,616	270,366	302,288	331,314
Atlantic City, N. J.	13,055	27,538	46,150	50,707	66,198	64,094	61,657
Augusta, Ga.	33,300	30,441	41,040	52,648	60,342	65,910	71,503
Aurora, Ill.	19,688	24,147	29,807	30,397	46,589	47,170	50,576
Austin, Tex.	14,575	22,258	29,860	34,876	53,120	87,930	132,469
Baltimore, Md.	434,439	508,957	558,435	733,826	804,874	859,100	949,793
Baton Rouge, La.	10,478	11,260	14,897	21,782	30,729	34,710	125,629
Bay City, Mich.	27,839	27,628	45,166	47,554	47,355	47,956	52,523
Bayonne, N. J.	19,033	32,722	55,545	75,754	88,979	79,198	77,263
Beaumont, Tex.	3,296	9,427	20,640	40,422	57,732	59,061	94,014
Berkeley, Calif.	5,101	13,214	40,434	55,036	82,109	85,547	113,805
Berwyn, Ill.			5,841	14,150	47,027	48,451	51,280
Bethlehem, Pa.	6,762	7,293	12,837	50,358	57,892	58,490	66,340
Binghamton, N. Y.	35,005	39,647	48,443	60,800	76,662	78,309	80,674
Birmingham, Ala.	26,178	33,415	132,685	178,806	259,678	267,683	323,037
Boston, Mass.	448,477	560,892	670,585	748,050	781,188	770,816	801,444
Bridgeport, Conn.	48,806	70,996	162,054	143,555	146,716	147,121	158,700
Brockton, Mass.	27,294	40,063	55,878	60,254	65,797	62,343	62,869
Buffalo, N. Y.	255,604	352,387	423,715	506,775	573,076	575,901	580,132
Burbank, Calif.				2,913	16,662	34,337	78,677
Cambridge, Mass.	70,028	91,886	104,839	109,694	113,643	110,879	120,740
Camden, N. J.	58,313	75,935	94,538	116,309	118,700	117,536	124,555
Canton, Ohio	26,189	30,667	50,217	87,091	104,966	108,401	116,913
Cedar Rapids, Iowa	18,020	25,056	32,811	45,566	56,097	62,120	72,206
Charleston, S. C.	54,955	55,807	58,833	67,957	62,255	71,275	70,174
Charleston, W. Va.	6,742	11,099	22,996	39,608	60,408	67,914	73,501
Charlotte, N. C.	11,557	18,091	34,014	46,338	82,675	100,899	134,042
Chattanooga, Tenn.	29,100	30,154	44,604	57,895	110,798	128,163	131,041
Chester, Pa.	20,226	33,988	38,537	58,030	96,164	95,285	66,030
Chicago, Ill.	1,099,850	1,698,575	2,185,233	2,701,705	3,376,438	3,396,808	3,620,962
Cicero, Ill.	10,204	16,310	14,557	44,995	66,602	64,712	67,544
Cincinnati, Ohio	296,093	325,902	363,591	401,247	451,100	455,610	503,993
Cleveland, Ohio	261,353	381,768	560,663	796,841	900,429	878,336	914,893
Cleveland Heights, Ohio			2,956	15,236	50,945	54,992	69,141
Clifton, N. J.				23,470	48,875	48,827	54,511
Columbia, S. C.	15,353	21,108	26,310	37,524	51,581	62,396	86,014
Columbus, Ga.	17,303	17,614	20,554	31,125	43,131	53,280	79,611
Columbus, Ohio	38,150	125,560	181,511	237,031	290,564	306,087	375,901
Corpus Christi, Tex.	4,387	4,703	8,222	10,522	27,741	57,301	108,287
Covington, Ky.	37,371	42,938	53,270	57,121	65,252	62,018	64,452
Cranston, R. I.	8,099	13,343	21,107	20,407	42,911	47,085	55,060
Dallas, Tex.	38,067	42,638	92,104	158,976	260,475	294,734	434,462
Davenport, Iowa	26,872	30,254	43,028	56,727	60,751	66,039	74,549
Dayton, Ohio	61,220	85,333	116,577	152,559	200,982	210,718	243,872
Dearborn, Mich.		844	911	2,470	50,358	63,584	94,991
Decatur, Ill.	16,841	20,754	31,140	43,818	57,510	59,305	66,295
Denver, Colo.	106,713	133,859	213,381	256,491	287,861	322,412	415,736
Des Moines, Iowa	50,093	62,139	80,368	126,468	142,559	150,819	177,965
Detroit, Mich.	265,876	285,704	465,766	903,678	1,568,662	1,623,452	1,849,563
Duluth, Minn.	33,115	52,969	78,466	95,917	101,463	101,065	104,511
Durham, N. C.	5,485	6,679	18,241	21,719	52,037	60,195	71,311
East Chicago, Ind.	1,255	3,411	19,098	35,967	54,784	54,637	54,263
East Orange, N. J.	13,282	21,506	34,371	50,710	68,020	68,945	79,549
East St. Louis, Ill.	15,169	29,655	58,547	66,767	74,347	75,609	82,295
Elizabeth, N. J.	37,764	52,130	73,409	95,733	114,589	109,912	112,817
El Paso, Tex.	10,338	15,900	39,279	77,560	102,421	96,810	130,435
Erie, Pa.	40,634	52,733	66,525	93,372	115,967	116,955	130,803
Evanston, Ill.	9,000	19,259	24,978	37,234	63,833	65,389	73,641
Evansville, Ind.	50,756	59,007	69,647	85,264	102,249	97,062	125,639
Fall River, Mass.	74,993	104,863	119,295	120,485	115,274	115,428	111,963

For footnotes, see p. 21.

No. 14.—POPULATION OF CITIES HAVING 50,000 INHABITANTS OR MORE IN 1950:
1890 TO 1950—Continued

CITY	1890	1900	1910	1920	1930	1940	1950
Flint, Mich.....	9,803	13,103	38,550	91,590	156,492	151,543	163,143
Fort Wayne, Ind.....	35,393	45,115	63,933	86,549	114,946	118,410	133,607
Fort Worth, Tex.....	23,076	26,638	73,312	106,482	163,447	177,662	278,778
Fresno, Calif.....	10,818	12,470	24,892	45,086	52,513	60,685	91,669
Gadsden, Ala.....	2,901	4,282	10,557	14,737	24,042	36,975	55,725
Galveston, Tex.....	29,084	37,789	36,981	44,255	52,938	60,892	69,568
Gary, Ind.....	-----	-----	16,802	55,378	100,426	111,719	133,911
Glendale, Calif.....	-----	-----	2,746	13,536	62,736	82,582	95,702
Grand Rapids, Mich.....	60,278	87,555	112,571	137,634	168,592	164,292	176,515
Green Bay, Wis.....	9,069	13,684	25,236	31,017	37,416	46,235	52,735
Greensboro, N. C.....	3,317	10,035	15,895	19,861	53,569	59,319	74,889
Greenville, S. C.....	8,607	11,860	15,741	23,127	29,164	34,734	58,161
Hamilton, Ohio.....	17,565	23,914	35,279	39,675	52,176	50,592	57,951
Hammond, Ind.....	5,428	12,376	20,925	36,004	64,560	70,184	87,594
Harrisburg, Pa.....	39,385	50,167	64,186	75,917	80,339	83,893	89,544
Hartford, Conn.....	53,230	79,850	98,915	138,036	164,072	166,267	177,397
Hoboken, N. J.....	43,648	59,394	70,324	68,166	69,261	50,115	50,676
Holyoke, Mass.....	35,637	45,712	57,730	60,203	56,537	53,750	54,661
Houston, Tex.....	27,557	44,633	78,800	138,276	292,352	384,514	506,163
Huntington, W. Va.....	10,108	11,923	31,161	50,177	75,572	78,836	86,353
Indianapolis, Ind.....	105,436	169,164	233,650	314,194	364,161	386,072	427,173
Irrington, N. J.....	-----	5,255	11,877	25,480	56,733	55,328	59,201
Jackson, Mich.....	20,798	25,180	31,433	48,374	55,187	49,656	51,088
Jackson, Miss.....	5,920	7,816	21,262	22,817	48,282	62,107	98,271
Jacksonville, Fla.....	17,201	28,429	57,699	91,558	129,549	173,066	204,517
Jersey City, N. J.....	163,093	206,433	267,779	298,103	316,715	301,173	299,017
Johnstown, Pa.....	21,806	36,936	55,482	67,327	66,993	66,668	63,232
Joliet, Ill.....	23,264	29,353	34,670	38,442	42,993	42,365	51,601
Kalamazoo, Mich.....	17,853	24,404	30,437	48,487	54,780	54,067	57,704
Kansas City, Kans.....	38,316	51,418	82,331	101,177	121,857	121,458	129,553
Kansas City, Mo.....	132,710	163,752	248,381	324,410	399,746	399,178	456,622
Kenosha, Wis.....	6,532	11,606	21,371	40,472	50,292	48,765	54,368
Knoxville, Tenn.....	22,535	32,637	36,346	77,818	105,802	111,580	124,769
Lakewood, Ohio.....	-----	3,355	15,181	41,732	70,509	60,160	68,071
Lancaster, Pa.....	32,011	41,459	47,227	53,150	59,949	61,345	63,774
Lansing, Mich.....	13,102	16,485	31,229	67,327	78,397	78,753	92,129
Laredo, Tex.....	11,319	13,429	14,855	22,710	32,618	30,274	51,910
Lawrence, Mass.....	44,654	62,559	85,892	94,270	85,068	84,323	80,536
Lexington, Ky.....	21,567	26,369	35,099	41,534	45,736	49,304	55,534
Lima, Ohio.....	15,981	21,723	30,608	41,326	42,287	44,711	50,246
Lincoln, Nebr.....	55,164	40,169	43,973	54,048	75,933	81,984	98,884
Little Rock, Ark.....	25,874	38,307	45,941	65,142	81,679	88,039	102,213
Long Beach, Calif.....	564	2,252	17,809	55,593	142,032	164,271	250,767
Lorain, Ohio.....	4,863	16,023	28,883	37,295	44,512	44,125	51,202
Los Angeles, Calif.....	50,395	102,479	319,198	576,673	1,238,048	1,504,277	1,970,358
Louisville, Ky.....	161,129	204,731	223,928	234,891	307,745	319,077	369,129
Lowell, Mass.....	77,696	94,969	106,294	112,759	100,234	101,389	97,249
Lubbock, Tex.....	-----	-----	1,938	4,051	20,520	31,853	71,747
Lynn, Mass.....	55,727	68,513	89,336	99,148	102,320	98,123	99,738
Macon, Ga.....	22,746	23,272	40,665	52,995	53,829	57,865	70,252
Madison, Wis.....	13,426	19,164	25,531	38,738	57,899	67,447	96,056
Malden, Mass.....	23,031	33,664	44,404	49,103	58,036	58,010	59,804
Manchester, N. H.....	44,126	56,987	70,063	78,384	76,834	77,685	82,732
McKeesport, Pa.....	20,741	34,227	42,694	46,781	54,632	55,355	51,502
Medford, Mass.....	11,079	18,244	23,150	39,038	59,714	63,083	66,113
Memphis, Tenn.....	64,495	102,320	131,105	162,361	253,143	292,942	396,000
Miami, Fla.....	-----	1,681	5,471	29,571	110,637	172,172	249,276
Milwaukee, Wis.....	204,468	285,315	373,857	457,147	578,249	587,472	637,302
Minneapolis, Minn.....	164,738	202,718	301,408	380,582	464,356	492,370	521,718
Mobile, Ala.....	31,076	38,469	51,621	60,777	68,202	78,720	129,009
Montgomery, Ala.....	21,883	30,346	38,136	43,464	60,079	78,084	106,525
Mount Vernon, N. Y.....	10,830	21,228	30,919	42,726	61,409	67,362	71,899
Muncie, Ind.....	11,345	20,942	24,005	36,524	46,548	49,720	68,479
Nashville, Tenn.....	76,168	80,805	110,364	118,342	153,866	167,402	174,307
Newark, N. J.....	181,830	246,070	347,469	414,524	442,337	429,760	438,776
New Bedford, Mass.....	40,733	62,442	96,652	121,217	112,597	110,341	109,189
New Britain, Conn.....	16,519	25,998	43,916	59,316	68,128	68,685	73,726
New Haven, Conn.....	86,045	108,027	133,605	162,537	162,655	160,605	164,443
New Orleans, La.....	242,039	287,104	339,075	387,219	458,762	494,537	570,445
New Rochelle, N. Y.....	8,217	14,720	28,867	36,213	54,000	58,408	59,725
Newton, Mass.....	24,379	33,587	39,806	46,054	55,276	69,873	81,904

No. 14.—POPULATION OF CITIES HAVING 50,000 INHABITANTS OR MORE IN 1950:
1890 TO 1950—Continued

CITY	1890	1900	1910	1920	1930	1940	1950
New York, N. Y. ¹	2,507,414	3,437,202	4,766,883	5,620,048	6,930,446	7,454,905	7,801,957
Niagara Falls, N. Y.	5,502	19,467	30,446	50,760	75,400	78,029	90,872
Norfolk, Va.	34,871	46,624	67,452	115,777	129,710	144,332	213,513
Oakland, Calif.	48,982	66,960	150,174	216,261	284,003	302,163	384,575
Oak Park, Ill.	—	—	19,444	30,858	63,982	66,015	63,529
Ogden, Utah.	14,889	16,313	25,680	32,804	40,272	43,688	57,112
Oklahoma City, Okla.	4,151	10,037	64,205	91,295	185,389	204,424	243,504
Omaha, Nebr. ¹	140,452	102,555	124,096	191,601	214,006	223,844	251,117
Orlando, Fla.	2,856	2,481	3,894	9,282	27,330	36,736	52,367
Pasadena, Calif.	4,882	9,117	30,291	45,354	76,086	81,864	104,577
Passaic, N. J.	13,028	27,777	54,773	63,841	62,959	61,394	57,702
Pateron, N. J.	78,847	105,171	125,600	135,875	138,513	139,666	139,336
Pawtucket, R. I.	27,638	30,231	51,622	64,248	77,149	75,797	81,436
Peoria, Ill.	41,024	66,100	66,950	76,121	104,969	105,087	111,856
Philadelphia, Pa.	1,046,964	1,203,697	1,549,008	1,823,779	1,950,961	1,931,334	2,071,605
Phoenix, Ariz.	3,162	5,544	11,134	20,053	48,118	65,414	106,818
Pittsburgh, Pa.	343,904	451,512	533,905	588,343	669,817	671,659	676,806
Pittsfield, Mass.	17,281	21,706	32,121	41,763	49,677	49,684	53,348
Pontiac, Mich.	6,200	9,799	14,532	34,273	64,928	66,626	73,681
Port Arthur, Tex.	—	900	7,663	22,251	50,902	46,140	57,530
Portland, Maine.	36,425	50,145	58,571	60,272	70,810	73,643	77,634
Portland, Oreg.	46,385	90,426	207,214	268,288	301,815	305,394	373,628
Portsmouth, Va.	13,268	17,427	33,190	54,887	45,704	50,745	80,039
Providence, R. I.	132,146	175,597	224,326	237,695	252,981	253,504	248,674
Pueblo, Colo.	24,558	28,157	41,747	43,050	60,096	62,162	63,685
Quincy, Mass.	16,723	23,899	32,042	47,876	71,983	75,810	83,835
Racine, Wis.	21,014	29,102	38,002	58,593	67,542	67,195	71,103
Raleigh, N. C.	12,678	13,643	19,218	24,418	37,370	46,897	65,679
Reading, Pa.	58,661	78,961	96,071	107,784	111,171	110,598	109,320
Richmond, Calif.	—	—	6,802	16,843	20,093	23,642	90,545
Richmond, Va.	81,388	85,050	127,628	171,667	182,029	193,042	230,310
Roanoke, Va.	16,169	21,495	34,874	60,842	69,206	69,287	91,921
Rochester, N. Y.	133,896	162,608	218,149	295,750	328,132	324,975	332,488
Rockford, Ill.	23,584	31,051	45,491	65,651	85,864	84,637	92,927
Sacramento, Calif.	26,386	29,282	44,696	65,908	93,750	105,958	137,572
Saginaw, Mich.	46,322	42,345	50,510	61,903	80,715	82,794	92,918
St. Joseph, Mo.	52,324	102,979	77,403	77,939	80,935	75,711	78,588
St. Louis, Mo.	451,770	575,238	687,029	772,807	821,960	816,048	866,795
St. Paul, Minn.	133,156	163,065	214,744	234,698	271,606	287,736	311,343
St. Petersburg, Fla.	273	1,575	4,127	14,237	40,425	60,812	96,738
Salt Lake City, Utah.	44,843	53,531	92,777	118,110	140,267	149,934	182,121
San Angelo, Tex.	—	—	10,321	10,050	25,308	25,802	52,063
San Antonio, Tex.	37,673	53,321	96,614	161,379	231,542	253,864	408,442
San Bernardino, Calif.	4,012	6,150	12,779	18,721	37,481	43,646	63,058
San Diego, Calif.	16,169	17,700	39,578	74,361	147,995	203,341	334,367
San Francisco, Calif.	298,997	342,782	416,912	505,676	634,394	634,536	775,357
San Jose, Calif.	18,060	21,500	28,946	39,642	57,651	68,457	95,280
Santa Monica, Calif.	1,580	3,057	7,847	15,252	37,146	53,500	71,595
Savannah, Ga.	43,189	54,244	65,064	83,252	85,024	95,996	119,638
Schenectady, N. Y.	10,902	31,082	72,826	88,723	95,692	87,549	91,785
Scranton, Pa.	5,215	102,026	120,867	137,783	143,433	140,404	125,536
Seattle, Wash.	42,837	80,671	237,194	315,312	365,583	368,302	467,591
Shreveport, La.	11,979	16,013	28,015	43,874	76,655	98,167	127,206
Sioux City, Iowa.	37,806	33,111	47,828	71,227	79,183	82,364	83,991
Sioux Falls, S. Dak.	—	—	14,094	25,202	33,362	40,832	52,696
Somerville, Mass.	40,152	61,643	77,230	93,001	103,908	102,177	102,351
South Bend, Ind.	21,819	35,999	53,684	70,083	104,193	101,208	115,911
South Gate, Calif.	—	—	—	—	19,632	26,945	51,116
Spokane, Wash.	10,922	30,848	104,402	104,437	115,514	122,001	161,721
Springfield, Ill.	24,063	34,159	51,678	59,183	71,864	75,503	81,628
Springfield, Mass.	44,179	62,059	88,926	129,614	149,900	149,564	162,399
Springfield, Mo.	21,850	23,267	35,201	39,631	57,527	61,238	66,731
Springfield, Ohio.	31,895	38,253	46,921	60,840	68,743	70,662	78,608
Stamford, Conn.	10,396	15,997	25,138	35,096	46,346	47,938	74,293
Stockton, Calif.	14,424	17,506	23,263	40,296	47,963	54,714	70,555
Syracuse, N. Y.	88,143	108,374	137,249	171,717	209,326	205,967	220,583
Tacoma, Wash.	30,006	37,714	83,743	96,965	106,817	109,408	143,673
Tampa, Fla.	5,532	15,839	37,782	51,698	101,161	108,391	124,681
Terre Haute, Ind.	30,217	36,673	58,157	66,083	62,810	62,693	64,214
Toledo, Ohio.	81,434	131,822	168,497	243,164	290,718	282,349	303,616
Topeka, Kans.	31,007	33,608	43,684	50,022	64,120	67,833	78,791

For footnotes, see p. 21.

No. 14.—POPULATION OF CITIES HAVING 50,000 INHABITANTS OR MORE IN 1950:
1890 to 1950—Continued

CITY	1890	1900	1910	1920	1930	1940	1950
Trenton, N. J.-----	57,458	73,307	96,815	119,289	123,356	124,697	128,009
Troy, N. Y.-----	60,956	60,651	76,813	71,996	72,763	70,304	72,311
Tulsa, Okla.-----		1,390	18,182	72,075	141,268	142,157	182,740
Union City, N. J. ¹ -----	10,643	15,187	21,023	20,651	58,659	56,173	55,537
Utica, N. Y.-----	44,007	66,383	74,419	94,156	101,740	100,518	101,531
Waco, Tex.-----	14,445	20,686	26,425	38,500	52,848	55,982	84,706
Washington, D. C. ² -----	230,392	278,718	331,069	437,571	486,869	663,091	802,178
Waterbury, Conn.-----	28,646	45,859	73,141	91,715	99,902	99,314	104,477
Waterloo, Iowa-----	6,674	12,580	26,693	36,230	46,191	51,743	65,198
Wheeling, W. Va.-----	34,522	38,878	41,641	56,208	61,650	61,099	68,891
Wichita, Kans.-----	23,853	24,671	52,450	72,217	111,110	114,966	165,279
Wichita Falls, Tex.-----	1,987	2,480	8,200	40,079	43,690	45,112	68,042
Wilkes-Barre, Pa.-----	37,718	51,721	67,106	73,833	83,026	86,236	76,826
Wilmington, Del.-----	61,431	76,508	87,411	110,168	106,597	112,594	110,356
Winston-Salem, N. C.-----	10,729	13,650	22,700	48,395	75,274	79,815	87,811
Woonsocket, R. I.-----	20,830	28,204	38,125	43,490	49,376	49,303	50,211
Worcester, Mass.-----	84,655	118,421	145,986	170,754	195,311	193,694	203,486
Yonkers, N. Y.-----	32,033	47,031	70,803	100,176	134,646	142,698	152,798
York, Pa.-----	20,793	33,708	44,750	47,512	55,264	56,712	59,953
Youngstown, Ohio.-----	33,220	44,885	79,066	132,358	170,002	167,720	168,330

¹ Bethlehem and South Bethlehem boroughs consolidated as Bethlehem city between 1910 and 1920. Combined population, 1890, 19,823; 1900, 23,699; 1910, 32,810.

² Population prior to incorporation.

³ Estimated.

⁴ Population shown is for New York city as now constituted.

⁵ Omaha and South Omaha cities consolidated between 1910 and 1920. Combined population, 1890, 148,514; 1900, 128,556; 1910, 150,356.

⁶ Includes population of Allegheny, 1890, 105,287; 1900, 129,896.

⁷ Corrected figure; exclusive of population (2,048) of certain territory outside city limits.

⁸ Union and West Hoboken towns consolidated as Union City in 1925. Combined population, 1900, 38,281; 1910, 56,426; 1920, 60,725.

⁹ Population shown is for District of Columbia, with which the city has been considered coextensive since 1895.

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

**No. 15.—PROJECTIONS OF THE POPULATION, INCLUDING ARMED FORCES OVERSEAS,
By AGE AND SEX: JULY 1, 1955 AND 1960**

[In thousands. These projections are not based on any data from the 1950 Census of Population but on provisional estimates of population for July 1, 1949, and on assumptions concerning rates of births, deaths, and migration to 1960. For a complete statement of methods and assumptions used, see source. Italicized figures are based in whole or in part on projections of births and, hence, are likely to be less reliable than the remaining figures]

AGE AND SEX	LOW SERIES		MEDIUM SERIES		HIGH SERIES	
	1955	1960	1955	1960	1955	1960
Total	158,176	161,679	161,748	169,371	166,179	180,276
Under 5 years.....	13,042	10,450	14,940	13,121	17,705	17,992
5 to 9 years.....	17,284	18,633	17,439	16,093	17,580	18,078
10 to 14 years.....	13,910	17,245	13,956	17,439	13,999	17,616
15 to 19 years.....	11,292	13,860	11,568	13,567	11,421	14,003
20 to 24 years.....	10,568	11,221	10,727	11,425	10,873	11,602
25 to 29 years.....	11,588	10,490	11,700	10,803	11,965	11,076
30 to 34 years.....	12,081	11,492	12,251	11,826	12,401	12,114
35 to 39 years.....	11,314	11,944	11,463	12,237	11,600	12,499
40 to 44 years.....	10,749	11,122	10,890	11,380	11,024	11,639
45 to 49 years.....	9,762	10,468	9,891	10,719	10,015	10,967
50 to 54 years.....	8,811	9,363	8,919	9,485	9,020	9,814
55 to 59 years.....	7,717	8,277	7,808	8,470	7,906	8,684
60 to 64 years.....	6,748	7,039	6,825	7,205	6,916	7,403
65 to 69 years.....	5,353	5,849	5,410	5,980	5,478	6,144
70 to 74 years.....	3,604	4,321	3,741	4,428	3,801	4,575
75 years and over.....	4,263	4,898	4,340	5,083	4,466	5,408
Median age (years).....	30.6	31.7	30.3	31.0	29.8	30.0
Male	78,381	79,825	80,108	83,550	82,263	88,903
Under 5 years.....	6,657	5,338	7,628	6,704	8,046	8,203
5 to 9 years.....	8,837	6,969	8,910	8,026	8,990	9,561
10 to 14 years.....	7,099	8,812	7,123	8,913	7,146	9,006
15 to 19 years.....	5,738	7,066	5,768	7,117	5,796	7,165
20 to 24 years.....	5,240	5,692	5,394	5,768	5,443	5,838
25 to 29 years.....	5,813	5,201	5,880	5,406	5,959	5,509
30 to 34 years.....	5,940	5,755	6,019	5,895	6,092	6,021
35 to 39 years.....	5,480	5,880	5,566	6,003	5,626	6,133
40 to 44 years.....	5,226	5,365	5,301	5,504	5,372	5,634
45 to 49 years.....	4,777	5,055	4,846	5,187	4,911	5,316
50 to 54 years.....	4,296	4,525	4,350	4,638	4,403	4,752
55 to 59 years.....	3,747	3,957	3,789	4,046	3,832	4,142
60 to 64 years.....	3,250	3,324	3,292	3,398	3,327	3,471
65 to 69 years.....	2,560	2,720	2,589	2,765	2,608	2,814
70 to 74 years.....	1,727	1,976	1,742	2,008	1,758	2,045
75 years and over.....	1,878	2,120	1,907	2,179	1,954	2,293
Median age (years).....	20.7	30.6	29.4	30.9	20.0	28.3
Female	79,795	81,854	81,640	85,821	83,916	91,373
Under 5 years.....	6,385	5,118	7,311	6,418	8,659	8,790
5 to 9 years.....	8,448	6,663	8,629	7,667	8,590	9,118
10 to 14 years.....	6,811	8,433	6,833	8,520	6,853	8,610
15 to 19 years.....	5,553	6,794	5,600	6,850	5,625	6,898
20 to 24 years.....	5,228	5,530	5,333	5,657	5,430	5,764
25 to 29 years.....	5,775	5,199	5,901	5,397	6,006	5,567
30 to 34 years.....	6,141	5,737	6,231	5,931	6,310	6,093
35 to 39 years.....	5,834	6,085	5,907	6,234	5,974	6,305
40 to 44 years.....	5,523	5,757	5,589	5,885	5,653	6,005
45 to 49 years.....	4,986	5,413	5,045	5,532	5,104	5,651
50 to 54 years.....	4,515	4,837	4,569	4,947	4,625	5,062
55 to 59 years.....	3,960	4,320	4,019	4,424	4,074	4,542
60 to 64 years.....	3,480	3,715	3,534	3,812	3,589	3,933
65 to 69 years.....	2,784	3,129	2,822	3,215	2,870	3,330
70 to 74 years.....	1,967	2,345	1,999	2,421	2,043	2,531
75 years and over.....	2,385	2,777	2,433	2,904	2,512	3,115
Median age (years).....	31.4	32.8	31.1	32.1	30.6	30.8

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-25, No. 43, and records.

No. 16.—POPULATION, SUMMARY OF CHARACTERISTICS: 1790 TO 1950

[See also *Historical Statistics*, series B 13-23, and B 72-80]

YEAR	SEX		RACE			RESIDENCE		MEDIAN AGE	
	Male	Female	White	Negro	Other	Urban	Rural	All classes	White
1790.....	-----	-----	3, 172, 000	757, 208	-----	201, 655	3, 727, 559	-----	-----
1800.....	-----	-----	4, 306, 446	1, 002, 037	-----	322, 371	4, 986, 112	-----	16.0
1810.....	-----	-----	5, 802, 073	1, 377, 808	-----	525, 459	6, 714, 422	-----	16.0
1820.....	4, 890, 005	4, 741, 848	7, 869, 797	1, 771, 656	-----	693, 255	8, 945, 198	16.7	16.5
1830.....	6, 532, 489	6, 333, 531	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, 060	11, 354, 210	19, 653, 098	3, 638, 808	-----	3, 543, 710	19, 048, 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, 004, 806	33, 589, 377	4, 880, 009	88, 985	9, 902, 301	28, 666, 010	20.2	20.4
1880.....	25, 518, 820	24, 636, 993	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, 205	40, 841, 449	22.0	22.5
1900.....	38, 816, 448	37, 178, 127	66, 800, 196	8, 833, 994	351, 385	30, 159, 921	45, 834, 654	22.9	23.4
1910.....	47, 832, 277	44, 639, 989	81, 731, 957	9, 827, 763	412, 646	41, 998, 632	49, 973, 334	24.1	24.5
1920.....	53, 900, 431	51, 810, 188	94, 820, 915	10, 463, 131	426, 674	54, 157, 973	51, 552, 647	25.3	25.6
1930.....	62, 137, 080	60, 637, 066	110, 286, 740	11, 891, 143	597, 163	68, 954, 823	53, 820, 223	26.5	26.9
1940.....	66, 061, 592	65, 607, 683	118, 214, 870	12, 866, 518	588, 887	74, 423, 702	57, 245, 573	29.0	29.5
1950 ¹	74, 633, 000	76, 094, 000	135, 215, 000	14, 594, 000	588, 000	96, 028, 000	54, 669, 000	30.1	30.7

¹ Estimates based on sample of 1950 Census returns. See original sources for sampling variability. For complete 1950 Census data by sex and residence, see tables 19 and 22.

Source: Department of Commerce, Bureau of the Census; *Fifteenth Census Reports, Population*, Vol. II; *Seventeenth Census Reports, Population*, Vol. II, Part 1, and Vol. IV, Part 1, and 1950 Census of Population, Series PC-7, No. 1.

No. 17.—ESTIMATES OF THE FARM POPULATION: APRIL 1910 TO 1951

[In thousands. Figures represent revised estimates to accord with new definition of farm population adopted for the 1950 Census of Population and for current surveys of the Bureau of the Census and the Bureau of Agricultural Economics. New definition excludes from farm population certain groups formerly included. Most important of these groups is population living in houses located on farms, occupants of which pay cash rent for house and yard only without any farm land. Majority of such families have no connection with agriculture and receive no income from agriculture. See also *Historical Statistics*, series B 231]

YEAR	Farm population	YEAR	Farm population	YEAR	Farm population
1910.....	32, 077	1924.....	30, 493	1938.....	29, 573
1911.....	32, 110	1925.....	30, 440	1939.....	29, 388
1912.....	32, 210	1926.....	30, 162	1940.....	29, 047
1913.....	32, 270	1927.....	29, 647	1941.....	28, 786
1914.....	32, 320	1928.....	29, 509	1942.....	27, 895
1915.....	32, 440	1929.....	29, 564	1943.....	25, 757
1916.....	32, 530	1930.....	29, 447	1944.....	24, 647
1917.....	32, 326	1931.....	29, 723	1945.....	24, 342
1918.....	31, 741	1932.....	30, 229	1946.....	25, 543
1919.....	30, 886	1933.....	31, 108	1947.....	26, 147
1920.....	31, 556	1934.....	31, 071	1948.....	25, 093
1921.....	31, 638	1935.....	30, 887	1949.....	25, 134
1922.....	31, 558	1936.....	30, 420	1950.....	24, 335
1923.....	30, 873	1937.....	28, 903	1951.....	23, 276

Source: Department of Commerce, Bureau of the Census and Department of Agriculture, Bureau of Agricultural Economics; cooperative report, Census-BAE, Series No. 17, and records.

**No. 18.—POPULATION, BY AGE AND SEX, 1920 TO 1950, AND BY COLOR
AND RURAL FARM, 1950**

[See also *Historical Statistics*, series B 72-144]

AGE AND SEX	1920	1930	1940	1950 ¹			
				Total	White	Nonwhite	Rural-farm population ²
Total	105,710,620	122,775,046	131,669,275	150,697,000	135,215,000	15,482,000	23,577,000
Under 5 years.....	11,673,230	11,444,890	10,541,824	16,234,000	14,371,000	1,063,000	2,691,000
5 to 9 years.....	11,398,075	12,607,600	10,684,622	13,241,000	11,677,000	1,564,000	2,617,000
10 to 14 years.....	10,641,137	12,004,877	11,745,935	11,261,000	9,858,000	1,503,000	2,545,000
15 to 19 years.....	9,430,556	11,552,115	12,332,523	10,732,000	9,432,000	1,300,000	2,184,000
20 to 24 years.....	9,277,021	10,870,378	11,587,835	11,327,000	10,028,000	1,298,000	1,481,000
25 to 29 years.....	9,086,491	9,833,608	11,006,638	12,063,000	10,708,000	1,295,000	1,328,000
30 to 34 years.....	8,071,193	9,120,421	10,242,388	11,601,000	10,534,000	1,067,000	1,417,000
35 to 39 years.....	7,775,281	9,208,645	9,545,377	11,103,000	10,007,000	1,186,000	1,572,000
40 to 44 years.....	6,345,567	7,600,195	8,787,843	10,058,000	9,043,000	1,015,000	1,395,000
45 to 49 years.....	5,763,620	7,042,279	8,255,225	8,990,000	8,173,000	817,000	1,303,000
50 to 54 years.....	4,734,873	5,575,804	7,256,846	8,274,000	7,508,000	706,000	1,252,000
55 to 59 years.....	3,549,124	4,645,677	5,843,865	7,230,000	6,696,000	534,000	1,087,000
60 to 64 years.....	2,982,545	3,751,221	4,728,340	5,950,000	5,582,000	368,000	952,000
65 to 69 years.....	2,008,475	2,770,605	3,806,667	5,060,000	4,625,000	435,000	755,000
70 to 74 years.....	1,355,038	1,950,004	2,569,632	3,425,000	3,196,000	229,000	466,000
75 years and over.....	1,469,704	1,913,196	2,643,125	3,837,000	3,022,000	215,000	534,000
Not reported.....	148,699	94,022					
Median age.....	25.3	26.5	29.0	30.1	30.7	25.5	26.0
Male	53,900,431	62,137,089	66,061,592	74,633,000	66,961,000	7,672,000	12,337,000
Under 5 years.....	5,857,461	5,806,174	5,354,308	8,301,000	7,318,000	983,000	1,351,000
5 to 9 years.....	5,763,001	6,391,108	5,418,823	6,825,000	5,974,000	851,000	1,432,000
10 to 14 years.....	5,369,806	6,068,777	5,952,329	5,680,000	4,952,000	748,000	1,256,000
15 to 19 years.....	4,673,702	5,757,825	6,180,153	5,302,000	4,674,000	628,000	1,176,000
20 to 24 years.....	4,527,045	5,336,815	5,692,392	5,457,000	4,840,000	617,000	737,000
25 to 29 years.....	4,538,233	4,960,180	5,450,662	5,924,000	5,303,000	621,000	668,000
30 to 34 years.....	4,130,783	4,501,786	5,070,812	5,735,000	5,220,000	515,000	703,000
35 to 39 years.....	4,074,861	4,679,860	4,745,659	5,476,000	4,901,000	575,000	792,000
40 to 44 years.....	3,285,543	4,130,459	4,419,135	5,029,000	4,530,000	499,000	741,000
45 to 49 years.....	3,117,560	3,671,924	4,209,269	4,620,000	4,131,000	389,000	693,000
50 to 54 years.....	2,535,645	3,131,645	3,752,750	4,036,000	3,686,000	350,000	629,000
55 to 59 years.....	1,880,065	2,425,902	3,011,364	3,608,000	3,344,000	264,000	587,000
60 to 64 years.....	1,581,800	1,941,508	2,397,816	3,029,000	2,830,000	199,000	540,000
65 to 69 years.....	1,070,517	1,417,812	1,896,083	2,364,000	2,155,000	209,000	423,000
70 to 74 years.....	706,801	901,647	1,270,967	1,610,000	1,488,000	122,000	255,000
75 years and over.....	696,963	915,752	1,239,065	1,737,000	1,636,000	101,000	293,000
Not reported.....	92,875	51,816					
Median age.....	25.8	26.7	29.1	29.9	30.4	25.1	26.2
Female	51,810,189	60,638,956	65,607,683	76,064,000	68,254,000	7,810,000	11,240,000
Under 5 years.....	5,715,769	5,638,216	5,186,716	8,023,000	7,053,000	970,000	1,341,000
5 to 9 years.....	5,645,074	6,226,501	5,265,799	6,416,000	5,703,000	713,000	1,184,000
10 to 14 years.....	5,271,831	5,936,100	5,793,606	5,681,000	4,926,000	755,000	1,289,000
15 to 19 years.....	4,756,764	5,794,290	6,153,370	5,431,000	4,759,000	672,000	1,008,000
20 to 24 years.....	4,749,976	5,533,563	5,895,443	5,870,000	5,189,000	681,000	694,000
25 to 29 years.....	4,548,258	4,973,428	5,445,976	6,169,000	5,495,000	674,000	660,000
30 to 34 years.....	3,940,410	4,558,635	5,172,076	5,866,000	5,314,000	552,000	714,000
35 to 39 years.....	3,700,920	4,628,785	4,799,718	5,717,000	5,106,000	611,000	780,000
40 to 44 years.....	3,060,014	3,858,736	4,368,708	5,029,000	4,513,000	516,000	654,000
45 to 49 years.....	2,646,070	3,370,355	4,045,956	4,470,000	4,042,000	428,000	610,000
50 to 54 years.....	2,199,328	2,844,159	3,504,090	4,238,000	3,882,000	356,000	622,000
55 to 59 years.....	1,660,069	2,219,685	2,832,501	3,622,000	3,353,000	269,000	501,000
60 to 64 years.....	1,400,748	1,809,713	2,330,524	2,921,000	2,753,000	168,000	412,000
65 to 69 years.....	988,068	1,352,793	1,910,560	2,696,000	2,471,000	225,000	330,000
70 to 74 years.....	688,735	965,357	1,298,565	1,815,000	1,706,000	106,000	201,000
75 years and over.....	772,751	997,444	1,404,060	2,100,000	1,986,000	114,000	241,000
Not reported.....	55,824	42,206					
Median age.....	24.7	26.2	29.0	30.4	30.9	25.8	25.8

¹ Estimates based on sample of 1950 Census returns; see original sources for sampling variability.

² Based on new urban definition (see text, p. 2, for explanation).

Source: Department of Commerce, Bureau of the Census; U. S. Census of Population: 1950, Vol. II, Part 1, and 1950 Census of Population, Series PC-7, No. 1.

SEX BY STATES

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No. 19.—POPULATION, BY SEX, BY STATES: 1930, 1940, AND 1950

[For U. S. totals, see also *Historical Statistics*, series B 13-15]

DIVISION AND STATE	1930			1940			1950		
	Male	Female	Males per 100 fe- males	Male	Female	Males per 100 fe- males	Male	Female	Males per 100 fe- males
United States..	62,137,080	60,637,966	102.5	66,061,592	65,607,683	100.7	74,832,626	75,864,735	98.6
New England.....	4,024,657	4,141,684	97.2	4,154,760	4,282,530	97.0	4,553,640	4,760,813	95.6
Maine.....	401,285	306,138	101.3	425,821	421,405	101.0	454,145	459,629	98.9
New Hampshire..	231,769	233,534	99.2	244,009	246,615	99.3	262,424	270,818	98.9
Vermont.....	183,266	176,345	103.9	182,224	177,007	102.9	187,754	189,993	98.8
Massachusetts..	2,071,672	2,177,942	95.1	2,102,479	2,214,242	95.0	2,270,367	2,420,147	93.8
Rhode Island....	335,372	352,125	95.2	349,404	363,942	96.0	390,453	401,443	97.3
Connecticut.....	801,303	805,600	99.6	840,923	859,319	98.9	988,497	1,018,783	97.0
Middle Atlantic....	13,188,681	13,072,069	100.9	13,710,692	13,828,795	99.1	14,793,127	15,370,406	96.2
New York.....	6,312,520	6,275,546	100.6	6,600,326	6,788,816	98.5	7,239,078	7,500,214	95.4
New Jersey.....	2,030,644	2,010,690	101.0	2,069,150	2,091,006	99.0	2,382,738	2,452,591	97.2
Pennsylvania....	4,845,517	4,785,833	101.2	4,951,207	4,948,973	100.0	5,170,411	5,327,601	97.0
E. North Central..	12,904,783	12,392,402	104.1	13,438,325	13,188,017	101.9	15,145,263	15,254,105	99.3
Ohio.....	3,361,141	3,285,556	102.3	3,461,072	3,446,540	100.4	3,928,634	4,018,093	97.8
Indiana.....	1,640,061	1,508,442	102.6	1,725,201	1,702,595	101.3	1,958,516	1,975,708	99.1
Illinois.....	3,873,457	3,757,197	103.1	3,957,149	3,940,092	100.4	4,319,252	4,302,924	98.3
Michigan.....	2,519,389	2,323,016	108.4	2,694,727	2,561,370	105.2	3,212,119	3,166,747	101.7
Wisconsin.....	1,510,815	1,428,191	105.8	1,600,176	1,537,411	104.1	1,726,842	1,707,733	101.1
W. North Central..	6,785,442	6,511,473	104.2	6,829,335	6,687,655	102.1	7,033,303	7,028,091	100.1
Minnesota.....	1,316,571	1,247,382	105.5	1,427,545	1,346,755	104.6	1,501,354	1,481,120	101.4
Iowa.....	1,255,101	1,215,838	103.2	1,280,494	1,257,774	101.8	1,310,025	1,311,048	99.9
Missouri.....	1,822,866	1,806,601	100.9	1,881,252	1,903,412	98.8	1,940,863	2,013,790	96.4
North Dakota....	350,615	321,230	111.9	335,402	303,593	109.4	322,944	296,692	108.3
South Dakota....	363,650	329,199	110.5	332,514	310,447	107.1	337,251	315,439	106.9
Nebraska.....	706,348	671,615	105.2	665,788	650,046	102.4	667,332	658,178	101.4
Kansas.....	961,291	919,708	104.5	906,340	894,688	101.8	953,534	951,765	100.2
South Atlantic.....	7,880,634	7,912,955	99.6	8,870,589	8,952,562	99.1	10,496,471	10,685,864	98.2
Delaware.....	121,257	117,123	103.5	134,333	132,172	101.6	157,344	160,741	97.9
Maryland.....	821,009	810,517	101.3	915,088	906,206	101.0	1,166,603	1,176,398	99.2
Dist. of Col....	231,883	254,806	90.9	317,522	345,560	91.9	377,879	424,290	89.1
Virginia.....	1,216,046	1,205,805	100.8	1,349,004	1,328,769	101.6	1,675,129	1,643,551	101.9
West Virginia..	889,871	839,334	106.0	968,582	933,392	103.8	1,006,287	999,265	100.7
North Carolina..	1,575,208	1,595,068	98.8	1,772,990	1,798,633	98.6	2,017,105	2,044,824	98.6
South Carolina..	853,158	885,607	96.3	935,239	964,565	97.0	1,040,540	1,076,487	96.7
Georgia.....	1,434,527	1,473,979	97.3	1,534,768	1,588,965	96.6	1,688,667	1,755,911	96.2
Florida.....	737,075	730,636	101.0	943,123	954,291	98.8	1,366,917	1,404,388	97.3
E. South Central..	4,947,502	4,939,712	100.2	5,366,024	5,412,201	99.1	5,677,212	5,799,969	97.9
Kentucky.....	1,322,793	1,291,796	102.4	1,435,812	1,409,815	101.8	1,475,092	1,469,714	100.4
Tennessee.....	1,304,559	1,311,997	99.4	1,445,829	1,470,012	98.4	1,623,106	1,608,612	97.3
Alabama.....	1,315,009	1,331,239	98.8	1,399,901	1,433,060	97.7	1,502,223	1,559,620	96.3
Mississippi.....	1,005,141	1,004,080	100.0	1,084,482	1,099,314	98.7	1,076,791	1,102,123	97.7
W. South Central..	6,186,924	5,989,906	103.3	6,558,293	6,506,232	100.8	7,249,431	7,288,141	99.5
Arkansas.....	930,843	914,639	102.8	982,916	966,471	101.7	951,534	957,977	99.3
Louisiana.....	1,047,823	1,053,770	99.4	1,172,382	1,191,498	98.4	1,319,160	1,304,356	96.7
Oklahoma.....	1,233,264	1,162,776	106.1	1,181,892	1,154,542	102.4	1,115,595	1,117,756	99.8
Texas.....	2,965,994	2,858,721	103.8	3,221,103	3,193,721	100.9	3,863,142	3,848,052	100.4
Mountain.....	1,949,798	1,751,991	111.3	2,149,398	2,000,605	107.4	2,591,918	2,483,080	104.4
Montana.....	293,228	244,378	120.0	299,009	260,447	114.8	309,423	281,601	109.9
Idaho.....	237,347	207,685	114.3	276,579	248,294	111.4	303,237	285,400	106.2
Wyoming.....	124,785	100,780	123.8	135,055	115,687	116.7	154,853	135,676	114.1
Colorado.....	530,752	505,039	105.1	568,778	554,518	102.6	665,149	659,940	100.8
New Mexico.....	219,222	204,095	107.4	271,846	259,972	104.6	347,544	333,643	104.2
Arizona.....	231,904	204,269	113.2	258,170	241,091	107.1	379,059	370,528	102.3
Utah.....	259,999	247,845	104.9	278,620	271,690	102.6	347,636	341,226	101.9
Nevada.....	53,161	37,897	140.3	61,341	48,906	125.4	85,017	75,066	113.3
Pacific.....	4,268,659	3,925,774	108.7	4,984,176	4,749,086	105.0	7,202,261	7,194,266	101.4
Washington.....	826,892	737,004	112.1	905,757	830,434	109.1	1,223,856	1,155,107	106.0
Oregon.....	499,672	454,114	110.0	582,689	526,995	106.8	772,776	748,555	103.2
California.....	2,942,595	2,734,656	107.6	3,515,730	3,391,657	103.7	5,205,629	5,200,594	100.1

Source: Department of Commerce, Bureau of Census; *Sixteenth Census Report, Population*, Vol. II, and 1950 Census of Population, advance tabulations.

No. 20.—POPULATION, BY AGE, BY STATES: 1950

[For totals for all ages, see table 11, p. 14. For U. S. totals by age groups, see *Historical Statistics*, series B 81-144]

DIVISION AND STATE	Under 5 years	5 to 14 years	15 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over	Median age
United States.....	16,162,563	24,304,585	22,101,745	23,761,618	21,459,554	17,344,241	13,297,877	12,271,178	30.4
New England.....	916,216	1,349,815	1,315,634	1,459,471	1,312,199	1,123,376	930,782	906,960	32.4
Maine.....	99,080	153,783	137,089	128,201	117,394	101,324	82,738	93,565	30.2
New Hampshire.....	54,540	81,174	75,365	76,135	71,720	63,700	52,624	57,894	32.3
Vermont.....	41,041	63,948	56,178	52,269	48,360	41,278	34,239	39,534	30.1
Massachusetts.....	448,651	659,620	660,182	731,862	660,275	578,771	482,434	468,719	32.0
Rhode Island.....	76,827	109,194	120,748	130,734	112,198	94,910	76,867	70,418	31.8
Connecticut.....	104,577	282,090	266,072	340,270	302,252	243,003	201,880	176,830	32.7
Middle Atlantic.....	2,849,699	4,248,370	4,168,789	4,904,550	4,594,888	3,878,631	2,981,105	2,539,561	32.8
New York.....	1,364,575	1,985,200	1,989,383	2,380,683	2,322,194	2,016,128	1,513,343	1,258,686	33.7
New Jersey.....	458,817	601,908	646,449	819,341	761,778	623,897	479,088	394,051	32.0
Pennsylvania.....	1,026,307	1,601,262	1,530,957	1,704,526	1,520,916	1,238,606	988,674	886,764	31.4
E. North Central.....	3,187,488	4,680,490	4,258,457	4,849,018	4,322,010	3,610,869	2,895,014	2,596,022	31.3
Ohio.....	846,077	1,205,861	1,101,323	1,284,084	1,118,318	927,058	753,725	708,881	31.4
Indiana.....	422,060	631,154	568,975	612,778	534,080	443,345	359,015	361,017	30.6
Illinois.....	842,853	1,248,940	1,181,954	1,404,095	1,301,148	1,008,449	880,309	754,428	32.7
Michigan.....	703,842	1,040,001	922,363	1,043,005	898,021	736,251	566,574	461,619	30.0
Wisconsin.....	372,066	554,444	483,842	604,456	490,643	405,766	334,491	309,977	31.1
W. North Central.....	1,488,944	2,256,996	2,021,997	2,033,556	1,879,588	1,634,479	1,368,851	1,377,983	31.2
Minnesota.....	332,232	491,179	421,202	433,674	395,213	347,088	292,586	269,300	30.7
Iowa.....	280,234	425,098	373,984	373,011	336,375	298,905	259,371	273,195	31.2
Missouri.....	384,344	601,553	552,924	573,136	559,408	485,027	390,866	407,395	32.7
North Dakota.....	75,408	116,771	90,029	86,906	79,838	62,518	50,970	48,196	27.1
South Dakota.....	76,632	113,003	101,202	94,011	80,668	70,906	60,431	55,287	28.7
Nebraska.....	140,219	208,561	196,131	189,755	174,759	153,336	132,370	130,979	31.2
Kansas.....	190,875	299,231	277,525	282,163	253,327	216,699	182,257	194,222	31.2
South Atlantic.....	2,479,468	3,852,942	3,444,297	3,426,010	2,935,904	2,158,197	1,488,142	1,397,375	27.4
Delaware.....	33,237	48,719	44,050	53,548	46,881	37,346	27,984	26,320	31.2
Maryland.....	258,204	397,336	342,990	413,236	347,673	265,290	184,684	163,588	29.9
Dist. of Col.....	71,254	80,370	117,196	158,956	134,962	104,478	60,146	56,816	32.8
Virginia.....	381,547	583,336	558,952	561,230	490,347	331,769	228,825	214,572	27.4
West Virginia.....	240,092	396,333	326,072	301,163	259,068	198,972	144,750	138,512	26.8
North Carolina.....	501,582	810,124	721,655	643,899	534,510	376,725	248,102	225,332	25.0
South Carolina.....	279,695	450,370	371,283	321,740	267,424	183,395	122,205	115,014	23.7
Georgia.....	422,517	686,407	568,979	531,612	473,866	335,955	226,416	219,726	26.2
Florida.....	291,439	434,945	394,920	440,636	411,573	324,257	236,030	237,495	31.0
E. South Central.....	1,389,218	2,247,478	1,881,559	1,667,728	1,513,266	1,147,764	898,768	821,406	26.3
Kentucky.....	346,020	562,424	478,995	423,079	373,920	301,408	228,116	234,026	27.1
Tennessee.....	379,702	609,262	535,777	506,794	450,002	337,073	237,251	234,957	27.4
Alabama.....	380,108	619,322	508,447	447,821	409,889	297,437	200,148	198,571	25.5
Mississippi.....	283,379	456,470	368,340	289,134	278,516	211,846	143,253	152,046	24.6
W. South Central.....	1,704,451	2,635,208	2,297,629	2,201,144	2,020,061	1,556,899	1,088,918	1,033,262	27.9
Arkansas.....	228,271	381,563	294,656	255,794	249,945	199,831	150,552	148,099	27.0
Louisiana.....	334,522	610,028	422,042	404,520	368,765	279,341	186,609	176,780	26.8
Oklahoma.....	240,472	398,908	345,347	321,527	302,411	245,658	185,140	193,888	29.1
Texas.....	901,186	1,344,709	1,234,784	1,219,303	1,098,940	832,069	566,617	518,586	28.1
Mountain.....	621,265	932,513	776,700	789,392	685,637	512,196	398,416	358,879	27.6
Montana.....	68,175	101,857	82,352	89,503	80,619	60,873	56,761	50,884	29.8
Idaho.....	72,633	114,016	86,203	88,154	79,200	67,031	46,962	43,638	27.4
Wyoming.....	34,207	50,245	46,122	47,045	40,259	30,396	23,600	18,165	28.0
Colorado.....	148,247	215,791	190,188	200,277	180,158	141,765	115,072	115,691	29.7
New Mexico.....	94,071	142,237	114,771	107,666	86,813	60,563	41,214	33,052	24.0
Arizona.....	92,074	146,246	114,223	115,490	106,235	76,778	53,695	44,246	26.9
Utah.....	93,310	137,654	112,883	105,129	85,938	64,079	47,452	42,417	25.1
Nevada.....	10,958	24,467	20,453	27,228	26,915	19,811	13,760	10,956	31.7
Pacific.....	1,525,814	2,101,773	1,938,683	2,430,749	2,190,001	1,721,830	1,337,881	1,239,796	31.9
Washington.....	263,263	363,169	333,335	383,820	339,900	264,703	219,204	211,460	31.0
Oregon.....	163,918	239,770	201,808	234,600	222,905	179,334	146,078	133,023	31.6
California.....	1,098,643	1,498,834	1,403,490	1,812,429	1,627,187	1,277,793	972,530	895,308	32.1

Source: Department of Commerce, Bureau of the Census; 1950 Census of Population, advance tabulations.

No. 21.—POPULATION 21 YEARS OLD AND OVER, BY STATES: 1940 AND 1950

[Minus sign (—) denotes decrease. See also *Historical Statistics*, series B 244, 258, 272]

DIVISION AND STATE	TOTAL			MALE			FEMALE		
	1940	1950	Percent increase, 1940 to 1950	1940	1950	Percent increase, 1940 to 1950	1940	1950	Percent increase, 1940 to 1950
United States	83,996,629	97,416,365	16.0	42,004,816	47,860,228	13.9	41,991,813	49,556,137	18.0
New England:									
Maine.....	533,230	576,832	8.2	265,681	283,500	6.3	266,549	293,332	10.0
New Hampshire.....	325,206	352,074	8.4	160,697	170,907	6.4	164,509	181,767	10.5
Vermont.....	228,037	237,650	4.2	115,233	116,597	1.2	112,804	120,953	7.2
Massachusetts.....	2,916,202	3,208,869	10.0	1,395,170	1,520,933	9.0	1,521,023	1,685,936	10.8
Rhode Island.....	374,195	538,100	13.5	227,801	250,505	13.9	246,394	278,595	13.1
Connecticut.....	1,169,601	1,382,528	10.2	571,712	670,565	17.3	587,889	711,963	21.1
Middle Atlantic:									
New York.....	9,350,026	10,376,277	11.0	4,603,673	4,995,267	8.5	4,746,353	5,381,010	13.4
New Jersey.....	2,834,600	3,354,549	18.3	1,309,512	1,628,591	10.4	1,435,083	1,725,007	20.3
Pennsylvania.....	6,361,408	6,998,643	10.2	3,161,065	3,409,794	7.9	3,190,343	3,583,849	12.5
East North Central:									
Ohio.....	4,583,907	5,280,602	15.2	2,287,736	2,586,542	13.1	2,296,171	2,694,060	17.3
Indiana.....	2,235,350	2,556,080	14.4	1,121,475	1,201,209	12.5	1,113,875	1,295,480	16.3
Illinois.....	5,331,944	6,059,138	10.7	2,685,444	2,925,530	8.9	2,696,500	3,033,053	12.5
Michigan.....	3,374,373	4,107,151	21.7	1,740,712	2,007,197	18.8	1,633,661	2,039,954	24.9
Wisconsin.....	2,018,581	2,222,525	10.1	1,031,000	1,112,792	7.9	987,581	1,109,733	12.4
West North Central:									
Minnesota.....	1,706,857	1,910,633	6.3	921,443	958,601	4.0	875,414	951,942	8.7
Iowa.....	1,639,266	1,695,155	3.4	824,442	840,416	1.9	814,824	854,739	4.9
Missouri.....	2,501,472	2,843,447	6.7	1,233,772	1,281,349	3.9	1,267,700	1,302,098	7.4
North Dakota.....	373,165	366,886	-1.8	190,413	194,437	7.4	173,803	172,149	-1.0
South Dakota.....	338,165	401,269	8.4	203,283	209,408	3.0	184,882	191,801	3.7
Nebraska.....	836,581	860,291	2.8	422,251	431,080	2.1	414,330	429,211	3.6
Kansas.....	1,161,868	1,242,669	6.9	581,889	616,073	5.9	579,979	620,496	8.0
South Atlantic:									
Delaware.....	177,635	210,919	18.7	89,250	103,149	15.6	88,385	107,770	21.9
Maryland.....	1,185,654	1,527,355	28.8	593,401	752,971	26.9	592,253	774,385	30.8
Dist. of Col.....	484,738	583,839	20.4	229,341	268,880	17.2	255,397	314,650	23.2
Virginia.....	1,575,481	2,025,697	28.6	790,060	1,011,661	28.0	785,421	1,014,036	29.1
West Virginia.....	1,066,732	1,171,860	9.9	547,120	587,407	7.4	519,612	584,453	12.5
North Carolina.....	1,929,051	2,311,222	19.8	948,954	1,130,136	10.1	980,097	1,181,086	20.5
South Carolina.....	991,536	1,250,841	16.1	481,576	554,074	15.1	509,960	599,767	17.0
Georgia.....	1,772,936	2,008,812	13.3	860,838	964,122	12.0	912,098	1,044,690	14.5
Florida.....	1,218,660	1,823,017	49.6	604,796	837,485	46.7	613,864	935,532	52.4
East South Central:									
Kentucky.....	1,635,781	1,742,931	6.6	823,129	864,549	5.0	812,652	878,382	8.1
Tennessee.....	1,707,760	1,979,015	15.9	838,035	961,395	14.6	868,825	1,017,629	17.1
Alabama.....	1,569,680	1,748,551	12.1	763,045	844,032	10.6	796,635	904,519	13.5
Mississippi.....	1,197,017	1,208,028	.9	592,557	587,312	- .9	605,060	620,716	2.6
West South Central:									
Arkansas.....	1,101,860	1,112,872	1.0	557,023	550,166	-1.2	544,837	562,706	3.3
Louisiana.....	1,374,947	1,587,418	15.5	678,502	779,608	13.6	696,445	816,769	17.3
Oklahoma.....	1,369,196	1,382,084	.9	692,236	682,987	-1.3	676,960	699,097	3.3
Texas.....	3,861,721	4,738,002	22.7	1,938,380	2,352,233	21.4	1,923,341	2,385,769	24.0
Mountain:									
Montana.....	356,066	372,417	4.6	195,376	198,376	1.5	160,720	174,041	8.3
Idaho.....	312,965	349,032	11.5	168,848	181,681	7.6	144,117	167,351	16.1
Wyoming.....	155,433	178,552	14.9	85,979	96,131	11.8	69,454	82,451	18.7
Colorado.....	713,968	844,790	18.3	362,506	420,884	16.1	351,373	423,906	20.6
New Mexico.....	284,296	375,321	32.0	147,842	192,511	30.2	136,454	182,510	34.0
Arizona.....	288,265	442,004	53.0	151,897	223,333	47.0	136,368	218,671	60.4
Utah.....	308,439	389,855	26.4	155,907	196,189	25.8	152,532	193,666	27.0
Nevada.....	75,362	107,174	42.2	43,662	57,811	32.4	31,710	49,363	55.7
Pacific:									
Washington.....	1,192,082	1,559,004	30.7	629,463	799,828	27.1	563,519	759,776	34.8
Oregon.....	743,212	1,001,680	33.9	380,674	509,709	30.8	358,538	491,981	37.2
California.....	4,885,541	7,213,565	47.7	2,490,027	3,670,114	43.4	2,395,514	3,643,451	52.1

Source: Department of Commerce, Bureau of the Census; 1950 Census of Population, Series PC-14, No. 1.

No. 22.—POPULATION IN URBAN AND RURAL TERRITORY, BY SIZE OF PLACE: 1940 AND 1950

[Refer to p. 2 for description of old and new urban definitions. See also *Historical Statistics*, series B 29, 145-164]

CLASS AND SIZE	OLD URBAN DEFINITION				NEW URBAN DEFINITION, 1950		PERCENT OF TOTAL POPULATION		
	1940		1950				Old urban definition		New urban definition, 1950
	Number of places	Population	Number of places	Population	Number of places	Population			
							1940	1950	
United States.....		131,669,275		150,697,361		150,697,361	100.0	100.0	100.0
Urban territory.....	3,464	74,423,702	4,018	88,927,464	4,741	96,467,686	56.5	59.0	64.0
Urban places.....	3,464	74,423,702	4,018	88,927,464	4,284	88,545,868	56.5	59.0	58.8
Places of 1,000,000 or more.....	5	15,910,866	5	17,404,450	5	17,404,450	12.1	11.5	11.5
Places of 500,000 to 1,000,000.....	9	6,456,059	13	9,186,945	13	9,186,945	4.9	6.1	6.1
Places of 250,000 to 500,000.....	23	7,827,514	23	8,241,560	23	8,241,560	5.9	5.5	5.5
Places of 100,000 to 250,000.....	55	7,792,650	66	9,614,111	65	9,478,662	5.9	6.4	6.3
Places of 50,000 to 100,000.....	107	7,343,917	128	9,073,363	126	8,930,823	5.6	6.0	5.9
Places of 25,000 to 50,000.....	213	7,417,093	271	9,495,862	252	8,807,721	5.6	6.3	5.8
Places of 10,000 to 25,000.....	665	9,966,898	809	12,467,229	778	11,866,505	7.6	8.3	7.9
Places of 5,000 to 10,000.....	965	6,681,894	1,133	7,878,675	1,176	8,138,596	5.1	5.2	5.4
Places of 2,500 to 5,000.....	1,422	5,025,911	1,570	5,565,269	1,846	6,490,406	3.8	3.7	4.2
Other urban territory.....						7,922,018			5.2
Places under 2,500.....					457	577,992			.4
Unincorporated parts of urbanized areas.....						7,344,026			4.9
Rural territory.....	13,288	57,246,673	13,235	61,769,897	13,807	54,229,676	43.5	41.0	36.0
Places of 1,000 to 2,500.....	3,205	5,026,834	3,408	5,382,637	4,158	6,473,315	3.8	3.6	4.3
Places under 1,000.....	10,083	4,315,843	9,827	4,129,049	9,649	4,031,148	3.3	2.7	2.7
Other rural territory.....		47,902,896		52,258,211		43,725,212	36.4	34.7	29.0

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

No. 23.—MEDIAN AGE OF URBAN AND RURAL POPULATION, BY RACE AND SEX: 1930 AND 1940

[DEFINITION OF MEDIAN.—The median may be defined as that item which is in the middle of a series arranged according to size. Thus, the median age is that age which divides a population group into two equal parts, one half being older, and one half younger, than the median. For definition of urban and rural population, see p. 2. See also *Historical Statistics*, series B 72-80]

RACE AND YEAR	TOTAL			URBAN			RURAL NONFARM			RURAL FARM		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1930												
All classes.....	26.5	26.7	26.2	28.4	28.7	28.2	25.8	26.4	25.1	21.6	22.1	21.1
White.....	26.0	27.1	26.6	28.6	28.7	28.4	26.1	26.7	25.5	22.4	22.0	21.8
Negro.....	23.5	23.7	23.3	27.4	28.0	26.8	23.6	24.3	22.9	18.6	18.6	18.7
Other.....	23.3	25.9	18.6	27.6	20.8	19.7	22.7	24.7	10.4	19.6	21.4	17.6
1940												
All classes.....	29.0	29.1	29.0	31.0	31.0	31.1	27.7	28.1	27.3	24.4	24.7	23.9
White.....	29.5	29.5	29.5	31.3	31.2	31.4	28.0	28.3	27.6	25.4	25.8	25.0
Negro.....	25.3	25.3	25.3	28.9	29.2	28.7	25.0	25.6	24.5	19.8	19.9	19.6
Other.....	24.1	27.6	19.9	29.3	32.0	21.0	22.3	24.5	19.9	20.9	23.2	18.7

Source: Department of Commerce, Bureau of the Census; *Sixteenth Census Reports, Population*, Vol. II, Part 1.

No. 24.—POPULATION, URBAN AND RURAL (FARM AND NONFARM), BY STATES: 1950

[For explanation of old and new urban definitions, see p. 2. For U. S. totals see also *Historical Statistics*, series B10-17]

DIVISION AND STATE	1950, NEW URBAN DEFINITION				OLD URBAN DEFINITION			
	Urban	Rural			1950		1940	
		Total	Nonfarm	Farm	Urban	Rural	Urban	Rural
United States	96,467,686	54,229,675	31,128,388	23,101,287	88,927,464	61,769,897	74,423,702	57,245,573
New England	7,101,511	2,212,942	1,809,842	403,100	6,922,733	2,391,720	6,420,642	2,016,748
Maine.....	472,000	441,774	319,946	121,828	374,507	539,267	343,057	504,169
New Hampshire.....	306,806	226,436	179,266	47,170	301,249	231,993	283,225	208,299
Vermont.....	137,612	240,135	159,003	81,132	137,612	210,135	123,230	235,092
Massachusetts.....	3,959,239	731,275	651,209	79,976	4,122,138	568,376	3,860,470	457,245
Rhode Island.....	607,212	124,684	114,346	10,338	700,410	91,486	653,383	99,963
Connecticut.....	1,558,642	448,938	385,982	62,656	1,286,817	720,463	1,158,162	561,080
Middle Atlantic	24,271,689	5,891,844	4,503,683	1,388,161	22,643,772	7,519,761	21,147,543	6,391,944
New York.....	12,682,446	2,147,746	1,670,092	577,654	11,880,008	2,941,184	11,165,893	2,313,249
New Jersey.....	4,186,207	649,122	543,822	105,300	3,847,771	987,558	3,894,773	765,302
Pennsylvania.....	7,403,036	3,094,976	2,389,769	705,207	6,906,993	3,591,010	6,686,877	3,313,303
East North Central	21,185,713	9,213,655	5,444,418	3,769,237	19,982,717	10,416,651	17,444,359	9,181,983
Ohio.....	5,678,274	2,368,353	1,515,265	853,088	5,273,206	2,673,421	4,612,986	2,294,626
Indiana.....	2,357,196	1,577,028	909,874	667,154	2,217,468	1,716,756	1,887,712	1,540,084
Illinois.....	6,750,271	1,952,905	1,122,100	830,805	6,486,073	2,226,503	5,809,650	2,087,591
Michigan.....	4,603,084	1,808,682	1,176,042	692,640	4,090,607	2,272,769	3,454,867	1,801,239
Wisconsin.....	1,987,888	1,446,987	721,137	725,650	1,906,363	1,528,212	1,679,144	1,468,443
West North Central	7,305,219	6,756,175	3,027,117	3,729,058	7,018,000	7,043,394	5,993,124	7,523,866
Minnesota.....	1,624,914	1,357,569	617,774	739,795	1,907,446	1,376,037	1,300,098	1,402,202
Iowa.....	1,250,938	1,370,135	587,529	782,606	1,229,433	1,301,604	1,084,231	1,454,037
Missouri.....	2,432,715	1,521,938	658,437	863,501	2,200,149	1,604,540	1,090,696	1,823,968
North Dakota.....	164,817	454,819	200,332	264,487	164,817	454,819	131,923	510,012
South Dakota.....	216,710	436,030	182,535	253,495	216,157	436,583	158,087	484,874
Nebraska.....	621,005	703,605	312,170	391,435	606,530	718,980	514,148	801,686
Kansas.....	993,220	912,079	468,340	443,739	903,468	1,001,831	753,941	1,047,087
South Atlantic	10,391,163	10,791,172	6,158,080	4,633,092	8,997,310	12,185,025	6,921,726	10,901,425
Delaware.....	199,122	118,963	84,738	34,225	147,890	170,195	139,432	127,073
Maryland.....	1,615,902	727,099	543,617	183,482	1,274,618	1,068,383	1,080,351	740,893
Dist. of Columbia.....	802,178	.....	.....	.....	802,178	.....	693,091	.....
Virginia.....	1,650,115	1,753,565	1,026,618	731,947	1,335,944	1,982,736	944,676	1,733,098
West Virginia.....	694,487	1,311,065	900,143	410,922	640,006	1,361,946	534,292	1,097,682
North Carolina.....	1,368,101	2,093,828	1,317,164	1,376,664	1,233,193	2,823,736	974,175	2,697,448
South Carolina.....	777,921	1,339,106	638,495	700,611	609,226	1,607,802	406,111	1,433,693
Georgia.....	1,559,447	1,885,131	922,696	962,435	1,381,868	2,062,710	1,073,808	2,049,915
Florida.....	1,813,890	957,415	724,609	232,806	1,560,788	1,204,517	1,045,791	861,623
East South Central	4,484,771	6,992,410	2,943,943	4,048,467	4,079,879	7,397,302	3,165,356	7,612,869
Kentucky.....	1,084,070	1,860,736	888,526	974,210	985,739	1,950,067	849,327	1,900,300
Tennessee.....	1,452,602	1,859,116	822,012	1,037,104	1,264,159	2,027,559	1,027,205	1,888,635
Alabama.....	1,340,937	1,720,806	759,909	960,896	1,238,209	1,893,534	855,841	1,977,020
Mississippi.....	607,162	1,571,752	474,545	1,097,207	601,772	1,577,142	432,852	1,780,914
West South Central	8,079,828	6,457,744	3,243,156	3,214,588	7,700,860	6,836,712	5,203,401	7,861,124
Arkansas.....	630,591	1,278,920	477,093	801,827	617,153	1,292,358	431,910	1,517,477
Louisiana.....	1,471,696	1,211,820	644,365	567,455	1,363,789	1,319,727	980,439	1,383,441
Oklahoma.....	1,139,481	1,063,870	540,831	553,039	1,107,252	1,126,009	879,663	1,456,771
Texas.....	4,838,060	2,873,134	1,580,867	1,292,267	4,612,666	3,098,528	2,911,889	3,503,435
Mountain	2,785,888	2,289,110	1,430,607	858,503	2,476,628	2,598,370	1,771,742	2,378,261
Montana.....	258,034	332,900	197,051	135,939	252,900	338,118	211,635	347,021
Idaho.....	252,649	336,088	171,128	164,960	234,138	351,469	170,708	448,165
Wyoming.....	144,818	145,911	89,206	56,705	144,618	145,911	93,577	157,165
Colorado.....	831,818	493,771	295,590	198,181	759,939	565,150	590,756	632,540
New Mexico.....	341,889	339,298	207,575	131,723	314,636	360,551	176,401	355,417
Arizona.....	416,000	333,587	256,678	76,914	273,794	475,793	173,981	325,280
Utah.....	440,855	239,007	158,387	80,620	412,518	276,344	305,493	244,817
Nevada.....	91,625	68,458	54,997	13,461	84,079	76,004	43,291	66,956
Pacific	10,861,904	3,624,623	2,567,542	1,057,081	9,105,565	5,380,962	6,355,909	3,377,353
Washington.....	1,603,166	875,797	602,026	273,771	1,274,152	1,104,811	921,969	814,222
Oregon.....	819,818	702,023	473,788	228,235	732,247	789,094	531,675	558,000
California.....	8,639,420	2,046,803	1,491,728	555,075	7,099,166	3,487,057	4,902,265	2,006,122

Source: Department of Commerce, Bureau of the Census; 1950 Census of Population, advance tabulations.

No. 25.—POPULATION, URBAN AND RURAL, BY STATES: 1920, 1930, AND 1940

[Urban-rural classification in accordance with 1940 definitions; see p. 2. For U. S. totals, see also *Historical Statistics*, series B 10-17]

DIVISION AND STATE	1920		1930		1940		PERCENT URBAN		
	Urban	Rural	Urban	Rural	Urban	Rural	1920	1930	1940
United States	54,157,973	51,552,647	63,954,823	53,820,223	74,423,702	57,245,573	51.2	56.2	56.5
New England	5,620,384	1,780,525	6,311,976	1,854,365	6,420,542	2,016,748	75.9	77.3	76.1
Maine.....	299,569	468,445	321,506	475,917	343,057	504,169	38.0	40.3	40.5
New Hampshire.....	260,438	192,645	273,079	192,214	283,225	208,299	56.5	58.7	57.6
Vermont.....	109,976	242,452	118,766	240,845	123,239	235,992	31.2	33.0	34.3
Massachusetts.....	3,408,916	383,440	3,831,426	418,188	3,859,476	457,245	90.0	90.2	89.4
Rhode Island.....	555,146	40,261	635,429	52,068	653,383	50,963	91.9	92.4	91.6
Connecticut.....	936,330	444,202	1,181,770	475,133	1,158,162	551,080	67.8	70.4	67.8
Middle Atlantic	16,783,474	5,477,670	20,394,707	5,866,043	21,147,543	6,391,944	75.4	77.7	76.8
New York.....	8,588,596	1,706,041	10,521,962	2,060,114	11,165,893	2,313,249	82.7	83.6	82.8
New Jersey.....	2,522,435	633,465	3,330,244	702,090	3,394,773	765,392	79.9	82.6	81.6
Pennsylvania.....	5,072,453	3,047,564	6,533,511	3,097,839	6,586,877	3,313,303	65.1	67.8	66.6
East North Central	13,050,086	8,425,457	16,794,908	8,502,277	17,444,359	9,181,983	60.8	66.4	65.5
Ohio.....	3,077,136	2,082,268	4,507,371	2,130,325	4,612,986	2,294,626	63.8	67.8	66.8
Indiana.....	1,482,855	1,447,535	1,795,892	1,442,611	1,887,712	1,540,084	50.6	55.5	53.1
Illinois.....	4,403,677	2,081,608	5,635,727	1,994,927	5,809,650	2,087,591	67.9	73.9	73.6
Michigan.....	2,241,500	1,420,852	3,302,075	1,540,250	3,454,867	1,801,230	61.1	68.2	65.7
Wisconsin.....	1,244,858	1,687,209	1,553,843	1,385,163	1,679,144	1,458,443	47.3	52.9	53.5
West North Central	4,725,880	7,818,369	5,556,181	7,740,734	5,993,124	7,523,866	37.7	41.8	44.3
Minnesota.....	1,051,693	1,335,632	1,257,616	1,308,337	1,300,098	1,402,202	44.1	49.0	49.8
Iowa.....	875,495	1,629,526	979,292	1,491,467	1,084,231	1,454,037	36.4	39.6	42.7
Missouri.....	1,580,903	1,817,152	1,859,119	1,770,248	1,960,696	1,823,968	46.6	51.2	51.8
North Dakota.....	88,239	558,633	113,306	507,539	131,923	510,012	13.6	16.6	20.6
South Dakota.....	101,872	334,675	130,907	551,942	168,087	484,874	16.0	18.9	24.6
Nebraska.....	405,203	891,079	486,107	891,856	514,148	801,686	31.3	35.3	39.1
Kansas.....	616,486	1,152,772	729,834	1,151,165	768,941	1,047,087	34.8	38.8	41.9
South Atlantic	4,336,482	9,653,790	5,698,122	10,095,467	6,921,726	10,901,425	31.0	36.1	38.8
Delaware.....	120,767	102,236	123,146	115,234	139,432	127,073	54.2	51.7	52.3
Maryland.....	869,422	680,239	974,869	656,667	1,080,351	740,893	60.0	50.8	50.3
Dist. of Columbia.....	437,671		486,869		663,091		100.0	100.0	100.0
Virginia.....	673,984	1,635,203	786,537	1,636,314	944,675	1,733,098	29.2	32.4	35.3
West Virginia.....	369,007	1,094,694	491,504	1,237,701	584,292	1,367,682	25.2	28.4	28.1
North Carolina.....	490,370	2,086,763	800,847	2,360,420	974,175	2,597,448	19.2	25.5	27.3
South Carolina.....	293,987	1,359,737	371,080	1,367,685	466,111	1,453,693	17.5	21.3	24.5
Georgia.....	727,859	2,167,073	895,492	2,013,014	1,073,808	2,049,915	25.1	30.8	34.4
Florida.....	353,515	614,955	759,778	708,433	1,045,791	851,623	36.5	51.7	55.1
East South Central	1,984,207	6,899,100	2,778,687	7,108,527	3,165,356	7,612,869	22.4	28.1	29.4
Kentucky.....	633,543	1,783,087	799,026	1,815,553	849,327	1,906,300	26.2	30.6	29.8
Tennessee.....	611,226	1,726,659	895,538	1,720,018	1,027,206	1,888,635	26.1	34.3	35.2
Alabama.....	509,317	1,838,857	744,273	1,901,975	855,941	1,977,020	21.7	28.1	30.2
Mississippi.....	240,121	1,580,497	338,850	1,670,971	432,882	1,750,914	13.4	16.9	19.8
West South Central	2,969,366	7,272,858	4,427,439	7,749,391	5,203,401	7,861,124	29.0	36.4	39.8
Arkansas.....	290,497	1,461,707	382,878	1,471,604	431,910	1,517,477	16.6	20.6	22.2
Louisiana.....	628,163	1,170,346	833,532	1,268,061	980,439	1,383,441	34.9	39.7	41.5
Oklahoma.....	538,017	1,490,266	821,681	1,574,359	879,603	1,555,771	26.5	34.3	37.6
Texas.....	1,512,689	3,150,589	2,389,348	3,435,307	2,911,389	3,503,435	32.4	41.0	45.4
Mountain	1,217,988	2,118,113	1,457,922	2,243,867	1,771,742	2,378,261	36.5	39.4	42.7
Montana.....	172,011	876,178	181,036	356,570	211,535	347,921	31.3	33.7	37.8
Idaho.....	119,037	312,829	129,697	315,525	176,708	348,165	27.6	29.1	33.7
Wyoming.....	57,095	137,807	70,097	155,468	93,577	157,165	29.4	31.1	37.3
Colorado.....	453,259	486,870	519,882	515,009	500,756	532,640	48.2	50.2	52.6
New Mexico.....	64,960	295,890	106,816	316,501	176,401	355,417	18.0	25.2	33.2
Arizona.....	120,788	213,374	149,856	285,717	173,981	325,280	36.1	34.4	34.8
Utah.....	215,534	233,812	266,264	241,683	305,493	244,817	48.0	52.4	55.5
Nevada.....	16,264	62,153	34,464	56,594	43,291	66,056	19.7	37.8	39.3
Pacific	3,460,166	2,196,765	5,534,881	2,659,552	6,355,909	3,377,353	62.2	67.5	65.3
Washington.....	742,801	619,820	884,539	678,857	921,969	814,222	54.8	58.6	53.1
Oregon.....	390,846	393,043	489,746	464,040	531,675	558,009	49.8	51.3	48.8
California.....	2,326,959	1,099,902	4,160,596	1,516,655	4,902,265	2,005,122	67.9	73.3	71.0

Source: Department of Commerce, Bureau of the Census; *Sixteenth Census Reports, Population*, Vol. I.

No. 26.—POPULATION, URBAN AND RURAL, BY RACE AND SEX: 1930 AND 1940

[Urban-rural classification in accordance with 1940 definitions; see p. 2. For further statistics on farm population, see table 17, p. 23, and table 24, p. 29. For historical data, see *Historical Statistics*, series B 13-23, B 40-47, B 165-170]

AREA AND RACE	1930			1940		
	Total	Male	Female	Total	Male	Female
Total.....	122,775,046	62,137,080	60,637,966	131,669,275	66,061,592	65,607,683
White.....	110,286,740	55,922,528	54,304,212	118,214,870	59,448,548	58,766,322
Native.....	98,303,335	48,420,037	47,883,208	106,795,732	53,437,533	53,358,199
Foreign-born.....	13,983,405	7,502,491	6,480,914	11,419,138	6,011,015	5,408,123
Negro.....	11,891,143	5,855,069	6,035,474	12,865,518	6,209,038	6,656,480
Other races.....	597,163	358,883	238,280	588,887	344,006	244,881
Indian.....	332,897	170,350	162,047	333,969	171,427	162,542
Chinese.....	74,954	59,802	15,152	77,604	57,380	20,115
Japanese.....	138,834	81,771	57,063	126,947	71,967	54,980
All other.....	50,978	46,960	4,018	50,467	43,223	7,244
Urban.....	68,954,823	34,154,760	34,800,063	74,423,702	36,363,706	38,059,996
White.....	63,560,033	31,538,288	32,021,745	67,972,823	33,304,701	34,668,122
Negro.....	5,193,913	2,470,168	2,714,755	6,253,688	2,929,423	3,324,165
Other races.....	200,877	137,314	63,563	197,291	129,582	67,709
Rural-nonfarm.....	23,662,710	12,117,945	11,544,765	27,629,385	13,757,516	13,271,869
White.....	21,500,462	11,012,709	10,487,663	24,778,585	12,627,240	12,151,345
Negro.....	2,016,707	1,022,066	994,441	2,109,630	1,063,699	1,045,931
Other races.....	146,541	83,080	62,461	141,170	76,577	64,593
Rural-farm.....	30,157,513	15,864,375	14,293,138	30,216,188	15,940,370	14,275,818
White.....	25,226,245	13,371,441	11,854,804	25,463,462	13,516,607	11,946,855
Negro.....	4,680,523	2,354,445	2,326,078	4,502,300	2,285,916	2,216,384
Other races.....	250,745	138,489	112,256	250,426	137,847	112,579

No. 27.—POPULATION, BY RACE AND NATIVITY, WITH INDIVIDUAL MINOR RACES: 1880 TO 1940

[See also *Historical Statistics*, series B 13-23, B 41-47]

CLASS	1880	1890	1900	1910	1920	1930	1940
All classes.....	50,155,783	62,947,714	75,994,575	91,972,266	105,710,620	122,775,046	131,669,275
White.....	43,402,070	55,101,258	66,809,196	81,731,957	94,820,915	110,286,740	118,214,870
Negro.....	6,580,793	7,488,676	8,833,994	9,827,763	10,463,131	11,891,143	12,865,518
Indian.....	196,407	248,253	237,196	205,683	244,437	332,397	333,969
Chinese.....	105,465	107,488	89,863	71,531	61,639	74,954	77,604
Japanese.....	148	2,039	24,320	72,167	111,010	138,834	126,947
All other.....				3,175	9,488	50,978	50,467
Native (all races).....	43,475,840	53,693,154	65,653,209	78,456,380	91,789,928	108,570,897	120,074,379
Foreign-born (all races).....	6,679,943	9,249,560	10,341,276	13,515,886	13,920,692	14,204,149	11,594,896
Native white.....	36,843,201	45,979,391	56,505,379	68,386,412	81,108,161	96,303,335	106,795,732
Foreign-born white.....	6,559,679	9,121,867	10,213,817	13,345,545	13,712,764	13,989,405	11,419,138
Percent of total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White.....	86.5	87.5	87.9	88.9	89.7	89.8	89.8
Negro.....	13.1	11.9	11.6	10.7	9.0	9.7	9.8
Indian.....	.1	.4	.3	.3	.2	.3	.3
Chinese.....	.2	.2	.1	.1	.1	.1	.1
Japanese.....	(³)	(³)	(³)	(³)	(³)	(³)	(³)
All other.....							
Native (all races).....	86.7	85.3	86.4	85.3	86.8	88.4	91.2
Foreign-born (all races).....	13.3	14.7	13.6	14.7	13.2	11.6	8.8
Native white.....	73.5	73.0	74.5	74.4	76.7	78.4	81.1
Foreign-born white.....	13.1	14.6	13.4	14.5	13.0	11.4	8.7

¹ Excludes Indians in Indian territory and on Indian reservations.

² Comprises Asiatic Indians, Koreans, Polynesians, and other Asiatics.

³ Less than one-tenth of 1 percent.

Source of tables 26 and 27: Department of Commerce, Bureau of the Census; *Sixteenth Census Reports*, Population, Vol. II, Part 1.

NO. 28.—POPULATION, BY RACE, BY STATES: 1920, 1930, AND 1940

DIVISION AND STATE	1920			1930			1940		
	White	Negro	Other races	White	Negro	Other races	White	Negro	Other races
U. S.	94,820,915	10,468,131	426,574	110,286,740	11,891,143	597,163	118,214,870	12,865,518	588,887
New England	7,316,079	79,051	5,779	8,065,220	94,086	7,035	8,329,146	101,599	5,635
Maine.....	765,095	1,310	1,009	795,185	1,096	1,142	844,543	1,304	1,379
New Hampshire.....	442,331	621	131	464,361	790	152	490,980	414	121
Vermont.....	351,817	672	39	358,066	568	77	358,806	384	41
Massachusetts.....	3,893,524	45,465	3,366	4,192,992	52,365	4,257	4,267,596	55,391	3,734
Rhode Island.....	693,980	10,036	381	677,026	9,913	568	701,805	11,024	517
Connecticut.....	1,358,732	21,466	853	1,576,700	20,354	1,679	1,675,407	32,992	843
Mid. Atlantic	21,641,840	600,183	19,121	25,178,861	1,052,899	28,990	26,237,622	1,268,366	33,499
New York.....	10,172,027	198,483	14,717	12,153,191	412,814	22,061	12,879,546	671,221	28,375
New Jersey.....	3,037,087	117,132	1,681	3,829,693	208,828	2,843	3,931,087	226,973	2,105
Pennsylvania.....	8,432,726	284,568	2,723	9,190,007	431,257	4,086	9,426,980	470,172	3,019
E. N. Central	20,938,862	514,554	22,127	24,335,980	930,450	30,755	25,528,451	1,069,326	28,565
Ohio.....	5,571,893	186,187	1,314	6,335,173	309,304	2,220	6,560,531	339,461	1,620
Indiana.....	2,849,071	80,810	609	3,125,778	111,982	743	3,305,323	121,916	557
Illinois.....	6,209,333	182,274	3,673	7,295,267	328,972	6,415	7,504,202	387,440	5,593
Michigan.....	3,601,627	60,082	6,703	4,063,507	169,453	9,365	4,039,643	268,345	8,118
Wisconsin.....	2,616,938	5,201	9,928	2,916,255	10,739	12,012	3,112,752	12,158	12,677
W. N. Central	12,225,387	278,521	49,341	12,913,292	331,784	51,839	13,111,519	350,992	54,479
Minnesota.....	2,368,936	8,809	9,380	2,542,599	9,445	11,909	2,768,982	9,928	13,390
Iowa.....	2,334,181	10,005	835	2,452,677	17,380	882	2,520,691	16,694	883
Missouri.....	3,225,044	178,241	770	3,403,876	223,840	1,651	3,539,187	244,386	1,091
North Dakota.....	639,954	467	6,451	671,851	377	8,617	631,464	201	10,270
South Dakota.....	619,147	832	16,568	670,269	646	21,934	619,075	474	23,412
Nebraska.....	1,279,219	13,242	3,911	1,360,023	13,762	4,188	1,297,024	14,771	4,039
Kansas.....	1,708,906	67,925	2,426	1,811,997	66,344	2,658	1,734,496	65,138	1,394
S. Atlantic	9,648,940	4,325,120	16,212	11,349,975	4,421,368	22,222	13,095,227	4,698,863	29,061
Delaware.....	192,615	30,335	53	205,718	32,602	60	230,528	35,876	101
Maryland.....	1,204,737	244,479	445	1,364,226	276,379	921	1,518,481	301,931	832
Dist. of Col.....	326,860	109,955	745	353,981	132,068	820	474,326	187,266	1,499
Virginia.....	1,617,900	690,017	1,261	1,770,441	650,155	1,245	2,015,583	661,440	741
West Virginia.....	1,377,235	85,345	121	1,614,191	114,893	121	1,784,102	117,754	118
North Carolina.....	1,783,779	763,407	11,937	2,234,058	918,047	16,671	2,567,685	981,298	22,690
South Carolina.....	818,638	864,719	407	944,049	793,681	1,036	1,084,308	814,104	1,332
Georgia.....	1,689,114	1,206,365	353	1,837,021	1,071,125	390	2,038,278	1,084,927	518
Florida.....	638,163	329,487	830	1,035,390	431,828	993	1,381,986	514,198	1,230
E. S. Central	6,367,547	2,523,532	2,228	7,225,017	2,658,238	2,959	7,993,755	2,780,635	3,335
Kentucky.....	2,180,600	235,938	132	2,888,452	225,040	97	2,931,425	214,031	171
Tennessee.....	1,885,993	461,768	134	2,138,644	477,646	266	2,406,906	508,736	199
Alabama.....	1,447,032	900,652	490	1,700,844	944,834	570	1,849,097	983,290	674
Mississippi.....	853,952	935,184	1,472	998,077	1,009,718	2,026	1,106,327	1,074,578	2,891
W. S. Central	8,115,727	2,063,579	62,918	9,795,977	2,281,951	98,902	10,569,596	2,425,121	69,808
Arkansas.....	1,279,767	472,220	227	1,375,315	478,433	704	1,466,084	482,578	725
Louisiana.....	1,096,611	700,257	1,641	1,322,712	770,326	2,555	1,511,739	849,303	2,338
Oklahoma.....	1,821,194	140,408	57,681	2,130,778	172,198	93,064	2,104,228	168,849	63,357
Texas.....	3,018,165	741,694	3,369	4,007,172	584,904	2,579	5,487,545	924,391	2,888
Mountain	3,212,899	30,801	92,401	3,552,900	30,225	118,664	3,978,913	36,411	134,679
Montana.....	534,260	1,658	12,071	519,898	1,256	10,452	540,468	1,120	17,868
Idaho.....	425,068	920	5,278	435,640	698	5,524	519,292	595	4,980
Wyoming.....	190,146	1,376	2,881	221,241	1,250	3,074	246,597	956	3,189
Colorado.....	924,193	11,818	4,208	1,015,793	11,820	5,170	1,105,507	12,176	4,618
New Mexico.....	334,673	5,733	19,944	391,095	2,850	29,372	492,312	4,672	34,834
Arizona.....	201,449	8,005	34,708	373,651	10,749	46,723	420,702	14,993	57,476
Utah.....	441,901	1,446	6,049	499,987	1,108	6,772	542,920	1,235	6,155
Nevada.....	70,690	346	5,362	84,515	516	0,122	104,030	664	5,553
Pacific	5,353,634	47,790	165,447	7,868,518	90,122	235,793	9,370,641	134,295	228,326
Washington.....	1,319,777	6,853	29,061	1,521,661	6,840	34,895	1,698,147	7,424	30,620
Oregon.....	709,140	2,144	12,099	988,597	2,234	12,955	1,075,731	2,565	11,388
California.....	3,204,711	38,793	123,387	5,408,260	81,048	187,948	6,596,763	124,306	185,318

Source: Department of Commerce, Bureau of the Census; *Sixteenth Census Reports, Population*, Vol. II.

No. 29.—POPULATION, BY RACE AND SEX, BY STATES: 1940

[For U. S. totals, see also *Historical Statistics*, series B 13-23]

DIVISION AND STATE	NATIVE WHITE			FOREIGN-BORN WHITE			NEGRO			OTHER RACES	
	Male	Female	Males per 100 fe- males	Male	Female	Males per 100 fe- males	Male	Female	Males per 100 fe- males	Male	Fe- male
U. S.-----	53,437,533	53,358,199	100.1	6,011,015	5,408,123	111.1	6,269,038	6,596,480	95.0	344,006	244,881
N. E.-----	3,367,347	3,463,558	97.2	733,032	765,209	95.8	49,795	51,714	96.3	4,586	2,049
Maine-----	382,605	378,297	101.1	41,722	41,919	99.5	725	579	125.2	769	610
N. H.-----	210,877	211,816	99.6	33,731	34,565	97.6	222	192	115.6	70	42
Vt.-----	165,572	161,501	102.5	16,403	15,324	107.0	220	104	134.1	29	12
Mass.-----	1,666,162	1,742,582	95.6	406,353	442,499	91.8	27,240	28,161	96.8	2,724	1,010
R. I.-----	276,638	287,383	96.3	67,006	70,778	94.7	5,384	5,640	95.6	376	141
Conn.-----	685,493	681,973	97.6	167,817	160,124	104.8	16,004	16,988	94.2	609	234
M. A.-----	10,746,864	10,968,158	98.0	2,337,516	2,185,084	107.0	601,648	666,718	90.2	24,664	8,835
N. Y.-----	4,946,869	5,079,147	97.4	1,461,323	1,392,207	105.0	261,306	309,915	84.3	20,328	7,547
N. J.-----	1,600,433	1,634,844	97.9	357,272	338,638	105.5	109,865	117,108	93.8	1,589	616
Pa.-----	4,199,562	4,264,167	98.7	518,921	454,339	114.2	230,477	239,995	96.2	2,247	772
E. N. C.-----	11,505,557	11,451,820	100.5	1,388,584	1,182,490	117.4	526,830	542,496	97.1	17,354	11,211
Ohio-----	3,010,664	3,036,601	99.1	280,416	238,850	117.4	168,849	170,612	99.0	1,143	477
Ind.-----	1,602,300	1,592,302	100.6	62,316	48,815	129.0	60,105	61,811	97.2	300	167
Ill.-----	3,250,881	3,283,948	99.0	515,822	453,551	113.7	186,097	201,379	92.4	4,379	1,214
Mich.-----	2,214,069	2,142,544	103.3	370,390	312,640	118.5	105,491	102,864	102.6	4,777	3,341
Wis.-----	1,427,553	1,366,425	102.2	159,640	129,134	123.6	6,318	5,840	108.2	6,665	6,012
W. N. C.-----	6,197,487	6,136,169	101.0	430,121	347,742	123.7	173,118	177,874	97.3	28,609	25,870
Minn.-----	1,250,159	1,223,919	102.1	165,010	129,894	127.0	6,185	4,743	109.3	7,191	6,199
Iowa-----	1,206,759	1,166,887	100.8	64,744	52,601	123.3	8,467	8,227	102.9	524	359
Mo.-----	1,690,786	1,725,276	98.5	61,153	52,972	115.4	119,554	124,832	95.8	759	332
N. Dak.-----	288,034	269,158	107.0	42,013	32,259	130.2	128	73	175.3	5,227	5,043
S. Dak.-----	295,126	279,897	105.4	25,062	18,990	132.0	263	211	124.6	12,663	11,849
Nebr.-----	612,252	603,519	101.4	44,415	37,438	118.6	7,099	7,102	99.5	2,052	1,987
Kans.-----	845,371	837,713	100.9	27,724	23,688	117.0	32,462	32,686	99.3	793	601
S. A.-----	6,401,749	6,402,409	100.0	159,248	131,821	120.8	2,294,031	2,404,832	95.4	15,561	13,560
Del.-----	107,787	107,908	99.9	8,019	6,814	117.7	18,449	17,427	105.9	78	23
Md.-----	720,043	716,723	100.5	42,758	38,957	109.8	151,617	150,314	100.9	620	212
D. C.-----	209,828	230,484	91.0	17,920	16,094	111.3	88,672	98,594	89.9	1,102	397
Va.-----	1,005,138	987,458	101.8	12,981	10,006	129.7	330,378	331,071	99.8	507	234
W. Va.-----	881,718	860,602	102.5	26,188	15,694	167.9	60,595	57,159	106.0	81	37
N. C.-----	1,276,525	1,282,064	99.6	5,237	3,809	137.5	479,816	501,482	95.7	11,412	11,278
S. C.-----	537,764	541,629	99.3	2,833	2,082	136.1	393,958	420,200	93.8	684	648
Ga.-----	1,009,843	1,016,519	99.3	6,845	5,071	135.0	517,747	567,180	91.3	323	195
Fla.-----	653,103	669,022	99.1	36,467	33,394	109.2	252,799	261,399	96.7	754	476
E. S. C.-----	3,986,516	3,962,343	100.6	25,842	19,054	135.6	1,351,501	1,429,134	94.6	2,165	1,670
Ky.-----	1,320,826	1,294,968	102.0	8,799	6,832	128.8	106,066	107,965	98.2	7	50
Tenn.-----	1,193,198	1,202,388	99.2	6,882	4,938	139.2	246,129	262,607	93.7	120	79
Ala.-----	919,996	917,144	100.3	7,000	4,957	141.2	472,590	510,700	92.5	815	250
Miss.-----	552,496	547,843	100.8	3,661	2,827	167.3	526,716	547,862	96.1	1,909	1,282
W. S. C.-----	5,182,474	5,097,411	101.7	153,660	136,051	112.9	1,186,011	1,239,198	95.7	36,146	33,662
Ark.-----	739,805	718,587	103.0	4,433	3,259	136.0	238,236	244,342	97.5	442	283
La.-----	741,633	742,834	99.8	15,746	11,626	136.6	413,322	435,981	94.8	1,681	1,157
Okla.-----	1,054,799	1,029,070	102.5	11,459	8,900	128.8	83,465	85,384	97.8	32,169	31,188
Tex.-----	2,646,237	2,600,920	101.5	122,022	112,366	108.6	460,900	473,401	95.3	1,854	1,034
Mt.-----	1,911,456	1,805,428	105.9	148,141	113,848	130.1	19,187	17,224	111.4	70,574	64,105
Mont.-----	255,904	228,922	111.8	33,071	22,571	146.5	647	473	136.8	9,387	8,481
Idaho-----	259,055	236,121	109.7	14,457	9,659	149.7	342	253	135.2	2,725	2,261
Wyo.-----	122,407	107,411	114.0	10,375	6,404	162.0	492	464	106.0	1,781	1,408
Colo.-----	521,002	515,029	101.2	39,200	31,151	126.2	5,832	6,344	91.9	2,624	1,994
N. Mex.-----	243,004	234,061	103.8	8,513	6,734	126.4	2,406	2,266	106.2	17,923	16,911
Ariz.-----	201,171	188,784	106.6	18,787	18,050	104.1	8,423	6,570	128.2	20,789	27,687
Utah-----	258,015	252,607	102.1	16,672	15,726	105.4	682	553	123.3	3,851	2,804
Nev.-----	50,938	42,493	119.9	7,046	3,553	198.3	363	301	120.6	2,994	2,559
Pac.-----	4,138,043	4,070,903	101.6	634,871	526,824	120.5	66,915	67,380	99.3	144,847	83,979
Wash.-----	768,247	726,737	105.7	115,441	87,722	131.6	4,321	3,103	139.3	17,748	12,872
Oreg.-----	504,832	483,260	104.5	49,887	37,752	132.1	1,884	1,181	117.2	6,586	4,802
Calif.-----	2,864,964	2,860,906	100.1	469,643	401,350	117.0	61,210	63,096	97.0	120,013	66,305

Source: Department of Commerce, Bureau of Census; *Sixteenth Census Reports, Population*, Vol. II.

No. 30.—WHITE POPULATION, BY NATIVITY AND PARENTAGE: 1880 TO 1940

[1940 data for native white by parentage based on Sample B; those for foreign-born white from complete count and those for total white, involving addition of native and foreign-born, are composite and therefore differ from corresponding figures presented elsewhere. See p. 1]

CLASS	1880	1890	1900	1910	1920	1930	1940
Total white.....	43,402,970	55,101,258	66,809,196	81,731,957	94,820,915	110,286,740	118,701,558
Native white.....	36,843,291	45,979,301	56,595,379	68,386,412	81,108,161	96,303,335	107,282,420
Native parentage.....	28,558,424	34,475,716	40,949,362	49,488,876	58,421,957	70,400,952	84,124,840
Foreign or mixed parentage.....	8,274,867	11,503,585	15,646,017	18,897,537	22,686,204	25,902,383	23,157,680
Foreign.....	6,893,769	8,085,019	10,632,280	12,916,311	15,694,539	17,407,627	15,183,740
Mixed.....	1,381,098	3,418,566	5,013,737	5,981,226	6,991,665	8,494,856	7,973,940
Foreign-born white.....	6,550,679	9,121,867	10,213,817	13,346,545	16,712,751	13,983,405	11,419,138
PERCENT OF TOTAL							
Total white.....	86.5	87.5	87.9	88.9	89.7	89.8	89.8
Native white.....	73.5	73.0	74.5	74.4	76.7	78.4	81.2
Native parentage.....	57.0	54.8	53.0	53.8	55.3	57.3	63.7
Foreign or mixed parentage.....	16.5	18.3	20.6	20.5	21.5	21.1	27.3
Foreign.....	12.7	12.8	14.0	14.0	14.8	14.2	11.5
Mixed.....	3.8	5.4	6.6	6.5	6.6	6.9	6.0
Foreign-born white.....	13.1	14.5	13.4	14.5	13.0	11.4	8.6

Source: Department of Commerce, Bureau of the Census; 15th Census Reports, Population, Vol. II, and special report of 16th Census, *Nativity and Parentage of the White Population—General Characteristics*.

No. 31.—WHITE POPULATION, BY MOTHER TONGUE: 1930 AND 1940

[1940 data based on Sample B; see p. 1]

REGION AND MOTHER TONGUE	NUMBER				PERCENT DISTRIBUTION				
	1940				1930				1930
	Total	Foreign born	Native		Foreign born	Total	Foreign born	Native	
			Foreign or mixed parentage	Native parentage				For. or mixed par.	Native par.
Total.....	118,392,040	11,109,620	23,157,580	84,124,840	13,983,405	100.0	100.0	100.0	100.0
Northwestern Europe:									
English.....	83,030,640	2,506,420	12,181,040	78,352,180	3,007,021	78.6	22.6	52.6	93.1
Norwegian.....	668,220	232,820	344,240	81,160	345,522	.6	2.1	1.5	.1
Swedish.....	830,900	423,200	374,040	33,660	615,466	.7	3.8	1.6	.4
Danish.....	236,740	122,180	95,460	9,100	178,944	.2	1.1	.4	.1
Dutch.....	207,140	102,700	103,240	61,200	133,142	.2	.9	.4	.1
Flemish.....	54,840	31,900	17,840	4,600	42,263	-----	.3	.1	.3
French.....	1,412,000	350,520	533,760	518,780	523,207	1.2	3.2	2.3	.6
Central Europe:									
German.....	4,049,780	1,589,040	2,435,700	925,040	2,188,066	4.2	14.3	10.5	1.1
Polish.....	2,416,820	801,680	1,428,820	186,820	906,809	2.0	7.2	6.2	.6
Czech.....	620,440	159,640	279,040	81,760	201,138	.4	1.4	1.2	.1
Slovak.....	484,360	171,580	233,520	20,260	240,190	.4	1.5	1.2	.1
Hungarian.....	453,060	241,220	108,600	13,180	250,303	.4	2.2	.9	.1
Serbian.....	37,040	18,060	18,300	1,280	30,121	-----	.2	.1	.1
Croatian.....	116,440	52,640	58,980	3,020	79,802	.1	.5	.3	.6
Slovenian.....	178,040	76,560	97,300	6,780	77,671	.2	.7	.4	.6
Eastern Europe:									
Russian.....	585,080	356,940	214,160	13,980	315,721	.5	3.2	.9	.2
Ukrainian.....	83,000	35,540	45,280	2,780	58,685	.1	.3	.2	.4
Armenian.....	65,320	40,000	25,440	1,880	51,741	.1	.4	.1	.4
Lithuanian.....	272,680	122,660	140,620	6,400	165,053	.2	1.1	.6	.1
Finnish.....	230,420	97,080	118,460	14,880	124,904	.2	.9	.5	.9
Rumanian.....	65,520	43,120	20,340	2,060	56,904	.1	.4	.1	.4
Yiddish.....	1,761,100	924,440	773,680	52,980	1,222,068	1.5	8.3	3.3	.1
So. Europe:									
Greek.....	273,520	165,220	102,140	6,160	180,066	.2	1.5	.4	.1
Italian.....	3,756,820	1,561,100	2,080,680	125,040	1,808,289	3.2	14.1	9.0	.1
Spanish.....	1,861,400	428,300	714,060	718,980	743,286	1.6	3.9	3.1	.9
Portuguese.....	215,860	83,780	120,500	11,580	110,197	.2	.8	.5	.3
Arabic.....	107,420	50,940	52,760	3,720	67,830	.1	.5	.2	.6
All other.....	109,480	63,880	34,520	11,080	57,808	.1	.6	.1	.4
Not reported.....	3,356,160	248,500	264,060	2,843,600	42,233	2.8	2.2	1.1	.3

Source: Department of Commerce, Bureau of the Census; special report of Sixteenth Census, *Nativity and Parentage of the White Population—Mother Tongue*.

No. 32.—NATIVE WHITE POPULATION, BY PARENTAGE, BY STATES: 1920, 1930, AND 1940

[1940 data based on Sample B; see p. 1]

DIVISION AND STATE	Total native white, 1940	NATIVE PARENTAGE			FOREIGN OR MIXED PARENTAGE		
		1920	1930	1940	1920	1930	1940
United States.....	107,282,420	68,421,957	70,400,952	84,124,840	22,686,204	25,902,383	23,157,580
New England.....	6,872,580	2,803,149	3,167,091	4,024,080	2,642,276	3,063,751	2,848,500
Maine.....	764,340	405,780	515,244	500,060	162,566	179,573	174,280
New Hampshire.....	424,680	225,512	239,438	285,040	125,586	142,252	130,040
Vermont.....	328,740	228,325	234,090	257,660	78,966	81,814	71,180
Massachusetts.....	3,427,440	1,230,773	1,429,791	1,868,220	1,495,217	1,708,524	1,569,220
Rhode Island.....	566,700	173,553	210,963	288,360	246,928	295,343	1,327,320
Connecticut.....	1,360,680	449,206	537,565	734,240	533,013	656,245	626,440
Middle Atlantic.....	21,818,600	9,631,012	11,460,123	14,107,240	7,098,253	8,454,467	7,711,360
New York.....	10,076,960	3,668,266	4,474,067	5,796,840	3,717,649	4,485,182	4,280,120
New Jersey.....	3,256,260	1,212,675	1,671,558	1,980,720	1,085,799	1,413,321	1,275,540
Pennsylvania.....	8,485,380	4,760,071	5,404,498	6,320,680	2,204,806	2,555,904	2,166,700
East North Central.....	23,061,860	11,790,370	14,501,781	17,445,560	5,925,213	6,569,062	5,616,300
Ohio.....	6,076,080	3,669,122	4,325,406	4,944,040	1,224,074	1,362,679	1,131,040
Indiana.....	3,203,800	2,329,544	2,605,883	2,920,140	368,659	377,350	283,660
Illinois.....	6,554,400	3,066,593	3,766,466	4,590,540	2,025,819	2,287,574	1,963,860
Michigan.....	4,388,120	1,670,447	2,364,482	3,060,800	1,204,545	1,449,728	1,327,320
Wisconsin.....	2,840,460	1,054,694	1,436,544	1,930,040	1,102,116	1,091,731	910,420
West North Central.....	12,376,960	7,475,548	8,549,047	9,709,740	3,377,878	3,282,568	2,667,220
Minnesota.....	2,483,940	827,627	1,114,485	1,576,120	1,055,145	1,037,834	908,820
Iowa.....	2,417,220	1,528,563	1,697,689	1,953,880	629,981	587,008	463,340
Missouri.....	3,428,380	2,586,936	2,776,434	3,063,220	502,082	475,033	365,160
North Dakota.....	560,680	207,966	256,715	311,320	300,485	309,656	249,360
South Dakota.....	576,120	308,598	375,666	398,780	228,158	228,661	177,340
Nebraska.....	1,220,000	757,064	874,217	929,060	372,503	367,049	290,940
Kansas.....	1,690,620	1,308,804	1,453,941	1,478,360	289,524	277,328	212,660
South Atlantic.....	12,844,940	8,779,416	10,412,419	12,259,320	553,604	632,819	585,620
Delaware.....	216,180	139,876	155,026	185,040	32,929	33,785	31,140
Maryland.....	1,448,260	893,088	1,039,798	1,264,480	200,472	219,287	183,780
Dist. of Columbia.....	444,460	239,488	262,432	378,160	58,824	61,593	66,300
Virginia.....	1,903,380	1,584,494	1,692,707	1,942,380	52,630	53,864	51,000
West Virginia.....	1,744,500	1,232,857	1,461,560	1,655,080	82,472	100,952	89,420
North Carolina.....	2,550,820	1,765,203	2,208,567	2,543,540	11,477	17,597	16,280
South Carolina.....	1,080,800	799,418	925,445	1,069,820	12,719	13,335	10,980
Georgia.....	2,034,860	1,642,697	1,792,508	2,009,200	30,231	30,570	25,660
Florida.....	1,322,680	582,295	874,376	1,211,620	62,850	101,836	111,060
East South Central.....	7,968,640	6,092,782	6,972,148	7,835,080	202,826	195,525	133,560
Kentucky.....	2,621,160	2,039,134	2,269,546	2,690,460	110,646	97,008	60,700
Tennessee.....	2,405,620	1,832,757	2,087,386	2,375,760	37,758	38,171	29,760
Alabama.....	1,843,100	1,394,120	1,646,347	1,817,000	35,241	38,748	26,100
Mississippi.....	1,068,860	826,762	968,860	1,081,860	19,181	21,598	17,000
West South Central.....	10,317,480	6,959,785	8,503,918	9,652,820	696,609	854,369	764,660
Arkansas.....	1,458,080	1,226,692	1,320,246	1,432,480	39,690	35,687	25,800
Louisiana.....	1,487,380	941,724	1,175,459	1,403,700	110,016	111,262	83,880
Oklahoma.....	2,089,700	1,679,107	1,995,209	2,011,740	102,119	105,320	77,960
Texas.....	5,282,320	3,112,262	4,004,004	4,704,900	445,384	602,100	577,420
Mountain.....	3,736,480	2,002,508	2,381,452	3,018,500	757,166	797,038	711,980
Montana.....	486,340	275,803	283,715	341,320	164,837	161,535	145,020
Idaho.....	490,920	294,262	320,268	417,320	92,453	87,269	79,600
Wyoming.....	230,740	122,884	150,669	186,260	42,007	47,903	44,480
Colorado.....	1,038,760	603,041	702,062	849,220	204,108	218,609	189,540
New Mexico.....	478,800	273,317	328,339	439,500	32,279	38,976	38,800
Arizona.....	390,760	151,145	229,202	304,780	62,205	85,903	85,980
Utah.....	514,160	245,781	319,414	407,720	130,665	134,564	106,440
Nevada.....	94,600	36,285	47,783	72,380	19,012	22,379	22,120
Pacific.....	8,290,880	2,887,387	4,462,973	6,172,500	1,432,379	2,062,784	2,118,380
Washington.....	1,505,260	711,706	873,664	1,116,620	358,016	403,331	388,640
Oregon.....	998,420	497,726	630,036	804,780	169,259	201,846	193,640
California.....	5,787,200	1,677,955	2,959,273	4,251,100	905,094	1,447,607	1,536,100

Source: Department of Commerce, Bureau of the Census; special report of Sixteenth Census, *Nativity and Parentage of the White Population—General Characteristics*.

No. 33.—FOREIGN-BORN WHITE POPULATION, 1910 TO 1940, AND TOTAL FOREIGN BORN, 1900, BY COUNTRY OF BIRTH

[All classifications of 1940 population according to country of birth based on political boundaries of Jan. 1, 1938. Classification of population at earlier censuses based for most part on political boundaries of those years. For most countries of Europe, total foreign-born population given for 1900 is almost entirely white. See also *Historical Statistics*, series B 270-303]

COUNTRY OF BIRTH	Total foreign-born, 1900	FOREIGN-BORN WHITE				PERCENT DISTRIBUTION		Percent urban, 1940
		1910	1920	1930	1940	1930	1940	
All countries.....	10,341,276	13,345,545	13,712,754	13,983,405	11,419,138	100.0	100.0	89.1
Northwestern Europe:								
England.....	840,613	876,455	812,828	808,684	621,975	5.8	5.4	78.1
Scotland.....	233,624	261,034	254,507	354,323	279,321	2.5	2.4	82.0
Wales.....	93,586	82,479	67,000	60,205	35,360	.4	.3	78.0
Northern Ireland.....	1,615,450	1,352,155	1,037,233	178,832	106,416	1.3	.9	83.0
Irish Free State (Eire).....	336,388	403,858	363,862	744,810	572,031	5.3	5.0	89.0
Norway.....	582,014	665,183	625,580	347,852	262,088	2.5	2.3	68.0
Sweden.....	153,690	181,021	189,154	595,250	445,070	4.3	3.9	68.0
Denmark.....	94,031	120,053	131,766	170,474	138,175	1.3	1.2	60.0
Iceland.....	29,757	49,397	62,688	2,764	2,104	(1)	(1)	54.0
Netherlands.....	3,031	3,068	12,585	131,133	111,064	1.0	1.0	60.0
Belgium.....	115,593	124,834	118,659	64,194	53,958	.5	.5	72.0
Luxembourg.....	104,197	117,236	162,890	9,048	6,886	.1	.1	64.0
Switzerland.....				113,010	88,293	.8	.8	60.0
France.....				135,265	102,930	1.0	.9	77.0
Central Europe:								
Germany.....	2,663,418	2,311,085	1,686,102	1,038,814	1,237,772	11.5	10.8	74.0
Poland.....	383,407	937,884	1,139,978	1,208,683	903,479	9.1	8.7	86.0
Czechoslovakia.....			362,436	401,638	319,971	3.5	2.8	71.0
Austria.....	432,798	845,506	676,625	370,914	479,906	2.7	4.2	79.0
Hungary.....	145,714	495,600	397,246	274,460	290,228	2.0	2.5	82.0
Yugoslavia.....			169,437	211,416	101,093	1.5	1.4	74.0
Eastern Europe:								
Russia (U. S. S. R.).....	423,726	1,184,382	1,400,480	1,153,624	1,040,884	8.2	9.1	90.0
Latvia.....				20,678	18,636	.1	.2	89.0
Estonia.....				3,650	4,178	(1)	(1)	83.0
Lithuania.....			135,068	193,606	165,771	1.4	1.5	85.0
Finland.....	62,641	120,069	149,824	142,478	117,210	1.0	1.0	54.0
Rumania.....	15,032	65,920	102,823	146,393	115,940	1.0	1.0	90.0
Bulgaria.....		11,453	10,477	9,399	8,888	.1	.1	77.0
Turkey in Europe.....	9,910	32,221	6,284	2,257	4,412	(1)	(1)	85.0
Southern Europe:								
Greece.....	8,515	101,264	175,972	174,526	163,252	1.2	1.4	91.0
Italy.....	494,027	1,843,070	1,610,109	1,790,424	1,623,550	12.8	14.2	88.0
Spain.....	7,050	21,977	67,453	59,093	47,707	.4	.4	79.0
Portugal.....	30,608	67,023	67,453	59,093	62,347	.5	.5	75.0
Other Europe.....	2,261	12,851	11,609	25,065	19,819	.2	.2	88.0
Asia:								
Palestine.....	(1)	50,702	3,202	6,135	7,047	(1)	.1	94.0
Syria.....			51,000	57,227	50,859	.4	.4	90.0
Turkey in Asia.....			11,014	40,651	52,470	.3	.5	93.0
Other Asia.....	120,248	4,612	44,334	47,507	39,624	.3	.3	85.0
America:								
Canada—French.....	395,126	385,083	307,786	370,852	273,366	2.7	2.4	78.0
Canada—Other.....	784,766	810,987	810,092	907,660	770,753	6.5	6.7	75.0
Newfoundland.....	(1)	5,076	13,242	23,971	21,361	.2	.2	59.0
Mexico.....	103,303	219,802	478,383	639,017	377,433	4.6	3.3	63.0
Cuba.....	11,081	12,869	12,843	16,089	15,277	.1	.1	92.0
Other West Indies.....	14,354	10,300	13,526	15,511	15,267	.1	.1	87.0
Central America.....	8,897	1,507	4,074	7,791	7,638	.1	.1	39.0
South America.....	4,733	7,562	16,855	30,333	28,770	.2	.3	87.0
All other:								
Australia.....	6,807	8,938	10,801	12,720	10,998	.1	.1	78.0
Azores.....	9,768	15,795	33,788	35,432	25,751	.3	.2	61.0
Other Atlantic Islands.....			5,196	4,053	3,232	(1)	(1)	76.0
Other and not reported.....	15,293	15,424	17,727	18,716	18,649	.1	.2	78.3

¹ Less than one-tenth of 1 percent.

² Listed as Holland prior to 1910.

³ Persons reported in 1910 as of Polish mother tongue born in Austria, Germany, and Russia have been deducted from their respective countries and combined as Poland.

⁴ Turkey in Asia included with Turkey in Europe prior to 1910.

⁵ Includes 4,635 persons born in Serbia and 5,363 persons born in Montenegro, which became part of Yugoslavia in 1918.

⁶ Turkey in Asia included Armenia, Palestine, and Syria in 1910. Subsequent to 1910 Armenia included with "Other Asia."

⁷ Newfoundland included with Canada in 1900.

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

No. 34.—NATIVITY AND PARENTAGE OF THE FOREIGN WHITE STOCK BY COUNTRY OF ORIGIN: 1930 AND 1940

[1940 statistics for native white of foreign or mixed parentage based on Sample B; those for foreign-born white from complete count; those for total foreign white stock are composite. See page 1 for statement on population samples]

COUNTRY OF ORIGIN	1930				1940			
	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	Per cent			Number	Per cent		
All countries.....	39,885,788	100.0	13,983,405	25,902,383	34,576,718	100.0	11,419,138	23,157,580
Northwestern Europe:								
England.....	2,522,278	6.3	808,684	1,713,594	1,975,975	5.7	621,975	1,354,000
Scotland.....	890,591	2.3	354,323	536,268	725,861	2.1	279,321	446,540
Wales.....	236,667	.6	60,205	176,462	148,260	.4	35,360	112,900
Northern Ireland.....	695,999	1.7	178,832	517,167	377,236	1.1	106,416	270,820
Irish Free State (Eire).....	3,086,522	7.7	744,810	2,341,712	2,410,951	7.0	572,031	1,838,920
Norway.....	1,100,098	2.8	347,852	752,246	924,088	2.7	262,088	662,600
Sweden.....	1,662,703	3.9	595,250	967,453	1,301,390	3.8	445,070	856,320
Denmark.....	529,142	1.3	179,474	349,668	443,815	1.3	138,175	305,640
Iceland.....	7,413	—	2,764	4,649	6,554	—	2,104	4,450
Netherlands.....	413,966	1.0	133,133	280,833	372,384	1.1	111,964	261,320
Belgium.....	147,091	.4	64,194	82,897	130,358	.4	53,958	76,400
Luxembourg.....	34,869	.1	9,048	25,821	27,166	.1	6,886	20,280
Switzerland.....	374,003	.9	113,010	260,993	293,973	.9	88,298	205,680
France.....	471,638	1.2	135,265	336,373	349,050	1.0	102,930	246,120
Central Europe:								
Germany.....	6,873,103	17.2	1,608,814	5,264,289	5,236,612	15.1	1,237,772	3,998,840
Poland.....	3,342,198	8.4	1,208,583	2,073,615	2,065,859	8.4	993,479	1,072,380
Czechoslovakia.....	1,382,079	3.5	491,638	890,441	984,501	2.8	319,971	664,520
Austria.....	954,648	2.4	370,914	583,734	1,261,246	3.6	479,006	781,340
Hungary.....	590,768	1.5	274,450	316,318	662,068	1.9	290,228	371,840
Yugoslavia.....	469,395	1.2	211,416	257,979	383,393	1.1	161,093	222,300
Eastern Europe:								
Russia (U. S. S. R.).....	2,069,838	6.7	1,153,624	1,516,214	2,610,244	7.5	1,040,884	1,569,360
Latvia.....	38,091	.1	20,673	17,418	34,656	.1	18,030	16,020
Estonia.....	6,317	—	3,650	1,787	6,658	—	4,178	2,480
Lithuania.....	439,195	1.1	103,606	245,689	394,811	1.1	165,771	229,040
Finland.....	320,536	.8	142,478	178,058	284,290	.8	117,210	167,080
Rumania.....	293,453	.7	140,898	147,060	247,700	.7	115,940	131,760
Bulgaria.....	14,929	—	9,399	5,530	15,688	—	8,888	6,800
Turkey in Europe.....	3,676	—	2,267	1,419	8,372	—	4,412	3,960
Southern Europe:								
Greece.....	303,751	.8	174,526	129,225	326,672	.9	163,252	163,420
Italy.....	4,546,877	11.4	1,790,424	2,756,453	4,554,780	13.8	1,623,580	2,931,200
Spain.....	111,338	.3	59,033	52,305	109,407	.3	47,707	61,700
Portugal.....	167,910	.4	60,993	97,917	176,407	.5	62,347	114,060
Other Europe¹.....	70,113	.2	25,065	45,048	41,459	.1	10,819	21,640
Asia:								
Palestine.....	10,446	—	6,135	4,311	12,807	—	7,047	5,760
Syria.....	137,676	.3	57,227	80,249	138,609	.4	50,859	87,740
Turkey in Asia.....	77,283	.2	46,651	30,632	65,839	.3	52,479	43,360
Other Asia.....	84,622	.2	47,567	37,055	85,924	.2	39,524	46,400
America:								
Canada—French.....	1,106,159	2.8	370,852	735,307	908,386	2.6	273,366	635,020
Canada—Other.....	2,231,277	5.6	907,660	1,323,617	2,001,773	5.8	770,753	1,231,020
Newfoundland.....	45,733	.1	23,971	21,762	47,001	.1	21,361	25,640
Mexico.....	1,222,439	3.1	639,017	583,422	1,076,063	3.1	377,433	698,620
Cuba.....	32,685	.1	16,089	16,596	32,257	.1	16,277	16,380
Other West Indies.....	31,137	.1	15,611	15,526	33,457	.1	15,257	18,200
Central America.....	10,822	—	7,791	3,031	12,738	—	7,638	5,100
South America.....	48,638	.1	30,333	18,205	54,830	.2	28,770	26,060
All other:								
Australia.....	30,849	.1	12,720	18,129	26,898	.1	10,098	15,800
Azores.....	91,719	.2	35,432	56,287	74,351	.2	26,751	48,600
Other Atlantic Islands.....	9,712	—	4,053	5,659	8,562	—	3,232	5,330
All other and not reported.....	35,601	.1	18,716	16,885	194,008	.6	18,649	175,360

¹ Includes Albania.

Source: Department of Commerce, Bureau of the Census; special report of Sixteenth Census, *Nativity and Percentage of the White Population—Country of Origin of the Foreign Stock*.

NO. 35.—NATIVE POPULATION, BY STATE OF BIRTH AND BY STATE OF RESIDENCE: 1940

[Excludes small number of native persons born outside continental United States and persons for whom State of birth not reported. For related historical data, see *Historical Statistics*, series B 182-230]

STATE	BORN IN SPECIFIED STATE ¹			Born in and living in specified State ¹	LIVING IN SPECIFIED STATE		
	Total	Living in other States			Total	Born in other States ¹	
		Number	Percent			Number	Percent
United States.....	119,515,740	26,905,986	22.5	62,609,754	119,515,740	26,905,986	22.5
New England:							
Maine.....	880,216	199,348	22.6	680,868	757,475	76,607	10.1
New Hampshire.....	444,171	140,691	31.7	303,480	420,073	116,593	27.8
Vermont.....	415,221	150,287	36.2	264,934	324,477	59,543	18.4
Massachusetts.....	3,569,556	618,000	17.3	2,951,556	3,438,211	486,655	14.2
Rhode Island.....	570,412	120,907	21.2	449,505	572,062	122,547	21.4
Connecticut.....	1,284,480	251,031	19.5	1,033,449	1,371,501	338,052	24.6
Middle Atlantic:							
New York.....	10,268,418	1,477,192	14.4	8,781,226	10,424,237	1,043,011	15.8
New Jersey.....	2,874,093	481,538	16.8	2,392,555	3,442,039	1,049,484	30.5
Pennsylvania.....	9,760,527	1,799,884	18.4	7,963,043	8,904,568	940,925	10.6
East North Central:							
Ohio.....	6,148,880	1,127,977	18.3	5,020,912	6,368,964	1,348,052	21.2
Indiana.....	3,458,564	861,055	24.9	2,597,509	3,309,947	712,438	21.5
Illinois.....	6,991,297	1,558,089	23.7	5,333,208	6,903,476	1,570,268	22.7
Michigan.....	3,986,867	604,365	15.2	3,382,442	4,552,287	1,169,845	25.7
Wisconsin.....	3,139,933	685,698	21.8	2,454,285	2,842,420	388,135	13.7
West North Central:							
Minnesota.....	2,587,104	634,633	24.5	1,952,171	2,486,655	534,484	21.5
Iowa.....	3,044,997	1,083,689	35.6	1,961,328	2,413,120	451,792	18.7
Missouri.....	4,154,126	1,382,026	33.3	2,772,100	3,600,153	888,053	24.3
North Dakota.....	582,795	258,306	37.8	424,489	565,092	140,603	24.9
South Dakota.....	683,049	268,483	39.3	414,566	597,000	182,434	30.6
Nebraska.....	1,496,036	575,172	38.4	920,864	1,231,181	310,317	25.2
Kansas.....	2,057,307	857,085	41.7	1,200,272	1,745,069	544,797	31.2
South Atlantic:							
Delaware.....	237,358	66,139	27.9	171,219	250,825	79,606	31.7
Maryland.....	1,627,716	332,846	20.4	1,295,370	1,730,175	434,805	25.1
Dist. of Columbia.....	347,601	127,536	36.7	220,065	622,698	402,633	64.7
Virginia.....	3,021,138	808,983	26.8	2,212,205	2,648,297	436,092	16.5
West Virginia.....	1,952,875	427,373	21.9	1,525,502	1,856,613	331,111	17.8
North Carolina.....	3,823,637	611,096	16.0	3,212,441	3,556,035	343,594	9.7
South Carolina.....	2,206,080	538,762	23.8	1,727,268	1,892,646	165,378	8.7
Georgia.....	3,698,183	924,883	25.0	2,773,300	3,108,477	335,177	10.7
Florida.....	1,112,093	172,214	15.5	939,879	1,800,430	869,551	48.1
East South Central:							
Kentucky.....	3,479,789	946,669	27.2	2,533,120	2,825,782	292,662	10.4
Tennessee.....	3,289,749	847,723	25.8	2,442,026	2,899,062	457,036	15.8
Alabama.....	3,305,311	763,986	22.8	2,541,325	2,817,227	265,902	9.4
Mississippi.....	2,018,246	641,110	24.5	1,977,136	2,174,349	197,213	9.1
West South Central:							
Arkansas.....	2,286,874	780,748	34.1	1,506,126	1,938,441	432,315	22.3
Louisiana.....	2,435,189	404,893	16.6	2,030,796	2,332,116	301,320	12.9
Oklahoma.....	2,040,185	690,207	33.7	1,358,978	2,307,838	948,860	41.1
Texas.....	5,929,746	893,196	15.1	5,036,550	6,168,438	1,129,888	18.3
Mountain:							
Montana.....	422,312	153,639	36.4	268,673	500,144	231,471	46.3
Idaho.....	388,342	143,475	36.9	244,867	496,838	251,971	50.7
Wyoming.....	167,123	72,658	43.5	94,465	232,754	138,289	59.4
Colorado.....	824,373	209,956	36.4	524,417	1,046,758	522,341	49.9
New Mexico.....	445,696	123,460	27.7	322,136	514,531	192,395	37.4
Arizona.....	312,242	92,974	29.8	219,268	457,506	238,298	52.1
Utah.....	606,716	173,238	28.6	433,478	515,020	81,551	15.8
Nevada.....	66,912	31,650	47.3	35,262	98,057	62,795	64.0
Pacific:							
Washington.....	937,059	220,911	23.6	716,148	1,508,469	790,321	52.5
Oregon.....	680,695	177,395	28.1	453,201	991,809	538,608	54.3
California.....	2,745,801	216,630	7.9	2,629,171	5,891,339	3,362,168	57.1

¹ Revised.

Source: Department of Commerce, Bureau of the Census; special report of Sixteenth Census, *State of Birth of the Native Population*, and records.

No. 36.—MIGRATION STATUS OF THE POPULATION AND TYPE OF MIGRATION, BY SEX, FOR SELECTED PERIODS: 1947 TO 1951

[Migrants defined: In 1948-1951—Persons one year old and over who lived in different counties on these dates and one year earlier. Figures based on Current Population Survey, see Sampling Note, p. 174]

MIGRATION STATUS AND TYPE OF MIGRATION	NUMBER			PERCENT		
	Total	Male	Female	Total	Male	Female
APRIL 1947 TO APRIL 1948						
Total civilian population, April 1948.....	145,087,000	71,825,000	73,262,000	-----	-----	-----
Born on or before Apr. 1, 1947.....	141,698,000	70,094,000	71,604,000	100.0	100.0	100.0
Nonmigrants.....	132,228,000	65,181,000	67,046,000	93.3	93.0	93.6
Same house.....	113,026,000	55,656,000	57,370,000	79.8	79.4	80.1
Different house in same county.....	19,202,000	9,525,000	9,676,000	13.6	13.6	13.5
Migrants.....	9,008,000	4,587,000	4,421,000	6.4	6.5	6.2
Within a State.....	4,698,000	2,319,000	2,379,000	3.3	3.3	3.2
Between contiguous States.....	1,740,000	895,000	845,000	1.2	1.3	1.2
Between noncontiguous States.....	2,621,000	1,372,000	1,250,000	1.8	2.0	1.7
Persons abroad on Apr. 1, 1947.....	462,000	326,000	136,000	.3	.5	.2
APRIL 1948 TO APRIL 1949						
Total civilian population, April 1949.....	147,415,000	72,814,000	74,601,000	-----	-----	-----
Born on or before Apr. 1, 1948.....	144,101,000	71,118,000	72,983,000	100.0	100.0	100.0
Nonmigrants.....	135,289,000	66,524,000	68,765,000	93.9	93.5	94.2
Same house.....	116,498,000	57,321,000	59,177,000	80.8	80.6	81.1
Different house in same county.....	18,792,000	9,204,000	9,588,000	13.0	12.9	13.1
Migrants.....	8,335,000	4,301,000	4,034,000	5.8	6.0	5.5
Within a State.....	3,902,000	2,008,000	1,894,000	2.8	2.8	2.7
Between contiguous States.....	1,782,000	902,000	880,000	1.2	1.4	1.1
Between noncontiguous States.....	2,562,000	1,331,000	1,231,000	1.8	1.9	1.7
Persons abroad on Apr. 1, 1948.....	476,000	292,000	184,000	.3	.4	.3
MARCH 1949 TO MARCH 1950						
Total civilian population, March 1950.....	150,193,000	74,319,000	75,875,000	-----	-----	-----
Born on or before March 1, 1949.....	146,864,000	72,618,000	74,246,000	100.0	100.0	100.0
Nonmigrants.....	138,124,000	68,037,000	70,087,000	94.0	93.7	94.4
Same house.....	118,840,000	58,518,000	60,331,000	80.9	80.6	81.3
Different house in same county.....	19,276,000	9,519,000	9,757,000	13.1	13.1	13.1
Migrants.....	8,250,000	4,250,000	4,000,000	5.6	5.9	5.4
Within a State.....	4,380,000	2,278,000	2,082,000	3.0	3.1	2.8
Between contiguous States.....	1,658,000	865,000	792,000	1.1	1.2	1.1
Between noncontiguous States.....	2,231,000	1,106,000	1,125,000	1.5	1.5	1.5
Persons abroad on March 1, 1949.....	491,000	331,000	160,000	.3	.5	.2
APRIL 1950 TO APRIL 1951						
Total population, April 1951.....	151,772,000	74,340,000	77,432,000	-----	-----	-----
Born on or before April 1, 1951.....	148,400,000	72,618,000	75,782,000	100.0	100.0	100.0
Nonmigrants.....	137,630,000	67,238,000	70,392,000	92.7	92.6	92.9
Same house.....	116,936,000	56,908,000	59,968,000	78.8	78.4	79.1
Different house in same county.....	20,694,000	10,270,000	10,424,000	13.9	14.1	13.8
Migrants.....	10,464,000	5,200,000	5,264,000	7.1	7.2	6.9
Within a State.....	5,276,000	2,620,000	2,656,000	3.6	3.6	3.5
Between contiguous States.....	2,250,000	1,174,000	1,076,000	1.5	1.6	1.4
Between noncontiguous States.....	2,938,000	1,406,000	1,532,000	2.0	1.9	2.0
Persons abroad on April 1, 1950.....	306,000	180,000	126,000	.2	.2	.2

Source: Department of Commerce, Bureau of Census; *Current Population Reports*, Series P-20, Nos. 22, 28, and 36, and records.

No. 37.—MIGRATION STATUS OF THE CIVILIAN POPULATION BORN ON OR BEFORE MAR. 1, 1949, AND TYPE OF MIGRATION, BY SOCIAL AND ECONOMIC CHARACTERISTICS, MARCH 1950

[In thousands. See headnote, table 36]

CHARACTERISTIC	Total civilian population March 1950 ¹	NONMIGRANTS			MIGRANTS				
		Total	Same house	Different house in same county	Total	Percent of total population	Within a state	Between contiguous States	Between noncontiguous States
Total, 1 year and over.....	146,864	138,124	118,849	19,276	8,260	5.6	4,360	1,658	2,231
AGE									
1 to 13.....	35,942	33,731	28,500	5,231	2,115	5.9	1,199	414	502
14 to 17.....	8,436	7,982	7,011	971	423	5.1	249	87	91
18 and 19.....	4,144	3,791	3,154	637	320	7.0	150	72	106
20 to 24.....	11,408	10,061	7,454	2,607	1,262	11.1	618	247	397
25 to 34.....	23,545	21,390	17,300	4,090	1,993	8.5	1,002	387	604
35 to 44.....	20,049	19,020	17,421	2,599	837	4.6	507	233	195
45 to 64.....	30,965	29,982	27,570	2,405	931	3.0	495	165	281
65 and over.....	11,516	11,260	10,433	827	256	2.2	152	61	53
Median age.....	30.7	31.3	32.7	25.5	25.0	-----	24.7	26.2	25.3
COLOR (PERCENT)									
White.....	100.0	93.9	81.0	12.9	5.7	5.7	3.0	1.2	1.6
Nonwhite.....	100.0	96.1	79.9	15.2	4.7	4.7	3.0	.8	.9
URBAN-RURAL RESIDENCE									
Urban.....	92,054	87,448	75,149	12,299	4,845	5.2	2,312	905	1,563
Rural nonfarm.....	30,940	28,498	24,214	4,285	2,339	7.6	1,260	557	532
Rural farm.....	23,262	22,179	19,486	2,692	1,066	4.6	798	137	131
Total, 14 years and over.....	110,922	104,394	90,349	14,045	6,135	5.5	3,161	1,244	1,729
MARITAL STATUS									
Single.....	25,338	23,825	21,419	2,406	1,379	5.4	660	323	388
Married, spouse present.....	71,850	67,682	57,760	9,922	3,939	5.5	2,007	764	1,162
Other marital status.....	13,734	12,888	11,171	1,718	817	5.9	487	167	173
EMPLOYMENT STATUS									
In labor force.....	62,221	58,674	50,265	8,409	3,308	5.3	1,727	642	939
Employed.....	57,551	54,624	47,062	7,562	2,794	4.9	1,548	545	701
Unemployed.....	4,123	3,735	3,017	718	341	8.3	137	80	124
In armed forces ²	547	315	186	129	173	31.6	42	17	114
Not in labor force.....	48,701	45,720	40,084	5,636	2,827	5.8	1,435	602	790
MAJOR OCCUPATION GROUP									
Males employed.....									
Professional and semiprofessional.....	40,877	38,714	33,424	5,290	2,051	5.0	1,138	399	514
Farmers and farm managers.....	2,590	2,343	1,992	351	236	9.1	106	40	89
Proprietors, managers, and officials.....	4,341	4,189	3,865	324	148	3.4	108	17	23
Clerical, sales, and kindred workers.....	5,354	5,079	4,543	537	263	4.9	161	53	49
Craftsmen, foremen, and kindred workers.....	5,494	5,191	4,474	716	296	5.4	147	61	87
Operatives and kindred workers.....	7,329	7,000	6,059	941	309	4.2	159	67	84
Service workers.....	8,463	8,074	6,722	1,352	372	4.4	208	68	95
Farm laborers and farm foremen.....	2,740	2,578	2,210	368	154	5.6	103	25	27
Laborers, except farm and mine.....	1,512	1,384	1,169	216	114	7.5	76	25	13
Females employed.....	16,674	15,910	13,638	2,272	743	4.5	410	146	187
Professional and semiprofessional.....	1,805	1,695	1,474	221	110	6.1	48	27	36
Farmers and farm managers.....	182	180	172	8	2	1.1	2	-----	-----
Proprietors, managers, and officials.....	938	907	805	103	30	3.2	10	6	15
Clerical, sales, and kindred workers.....	5,868	5,617	4,740	877	248	4.2	130	42	76
Craftsmen, foremen, and kindred workers.....	185	182	166	15	4	2.2	2	2	-----
Operatives and kindred workers.....	3,250	3,132	2,676	456	112	3.4	76	17	19
Service workers.....	3,891	3,660	3,115	545	220	5.7	130	49	49
Farm laborers and farm foremen.....	501	484	444	40	17	3.4	13	4	-----
Laborers, except farm and mine.....	55	55	48	8	-----	-----	-----	-----	-----

¹ Persons abroad on March 1, 1949, not shown separately but included in total.

² Includes only those living off post or with families on post.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 36.

No. 38.—NATIVE POPULATION, BORN IN STATE OF RESIDENCE AND BORN ELSEWHERE: 1850 TO 1940

[See also *Historical Statistics*, series B 183-194]

YEAR	Total	Born in State of residence	BORN IN OTHER STATES		State of birth not reported	Born in outlying possessions	American citizens born abroad or at sea
			Number	Percent			
1850.....	¹ 17,742,961	13,457,049	4,251,250	24.0	34,662	-----	-----
1860.....	¹ 23,353,386	17,527,069	5,774,434	24.7	49,265	-----	2,618
1870.....	32,991,142	25,321,340	7,667,320	23.2	12,262	51	169
1880.....	43,475,840	33,882,734	9,592,764	22.1	-----	51	291
1890.....	² 53,372,703	41,871,611	11,094,108	20.8	396,652	322	10,010
1900.....	65,653,299	51,901,722	13,501,045	20.6	180,458	2,023	67,151
1910.....	78,456,380	61,185,305	16,910,114	21.6	285,085	7,365	67,911
1920.....	91,789,928	71,071,013	20,274,460	22.1	313,582	38,020	92,893
1930.....	108,570,897	82,677,619	25,388,100	23.4	238,460	136,032	130,677
1940.....	120,074,379	³ 92,609,754	³ 26,905,986	22.4	279,514	156,956	122,169

¹ White and free colored population only.

² Exclusive of population of Indian Territory and Indian reservations, specially enumerated in 1890, with a native population of 325,451 not distributed by State of birth. These areas were not enumerated prior to 1890.

³ Revised.

Source: Department of Commerce, Bureau of the Census; special report of the Sixteenth Census, *State of Birth of the Native Population*, and records

No. 39.—WOMEN, 15 TO 49 YEARS OLD, AND NUMBER OF OWN CHILDREN UNDER 5 YEARS OLD: APRIL 1940, 1947, AND 1949

[Statistics for 1940 based on Sample C (see p. 1); statistics for 1947 and 1949 based on Current Population Survey (see Sampling Note, p. 174)]

AREA AND AGE OF WOMAN	1949		CHILDREN UNDER 5 PER 1,000 WOMEN		
	Number of women, married, husband present	Number of children under 5 years old	1940	1947	1949
UNITED STATES					
Total, 15 to 49 years.....	26,204,000	14,537,000	452	526	555
15 to 24 years.....	4,598,000	3,747,000	720	741	816
25 to 29 years.....	4,039,000	4,543,000	736	908	920
30 to 39 years.....	9,352,000	5,316,000	457	557	568
40 to 49 years.....	7,315,000	931,000	117	120	127
URBAN					
Total, 15 to 49 years.....	15,671,000	7,886,000	369	477	503
15 to 24 years.....	2,643,000	1,977,000	614	662	748
25 to 29 years.....	2,974,000	2,540,000	620	834	857
30 to 39 years.....	6,653,000	2,910,000	380	522	515
40 to 49 years.....	4,401,000	450,000	80	94	102
RURAL NONFARM					
Total, 15 to 49 years.....	6,081,000	3,844,000	516	568	632
15 to 24 years.....	1,170,000	1,035,000	796	808	885
25 to 29 years.....	1,205,000	1,197,000	803	970	993
30 to 39 years.....	2,210,000	1,418,000	486	545	642
40 to 49 years.....	1,496,000	194,000	124	139	130
RURAL FARM					
Total, 15 to 49 years.....	4,452,000	2,807,000	618	641	631
15 to 24 years.....	785,000	735,000	864	904	936
25 to 29 years.....	760,000	797,000	980	1,096	1,049
30 to 39 years.....	1,480,000	988,000	665	699	664
40 to 49 years.....	1,418,000	287,000	212	183	202

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 26.

NO. 40.—NUMBER OF CHILDREN EVER BORN PER 1,000 NATIVE WHITE WOMEN OF COMPLETED FERTILITY (45 TO 54 YEARS OLD) EVER MARRIED AND REPORTING ON CHILDREN, BY SELECTED SOCIAL AND ECONOMIC CHARACTERISTICS: 1940

[Statistics based on Sample C; see p. 1]

ITEM	WOMEN EVER MARRIED, REPORTING ON CHILDREN EVER BORN			CHILDREN EVER BORN		
	Total women	Percent child- less ¹	Mothers	Number	Per 1,000 women	Per 1,000 mothers
United States.....	4, 414, 560	15. 9	3, 713, 740	13, 097, 576	2, 967	3, 527
RESIDENCE						
Urban.....	2, 530, 020	19. 1	2, 040, 040	6, 147, 498	2, 430	3, 005
Cities of 250,000 inhabitants or more.....	910, 300	22. 6	704, 460	1, 969, 346	2, 163	2, 796
Places of 25,000 to 250,000.....	994, 920	18. 3	788, 800	2, 390, 422	2, 477	3, 030
Places of 2,500 to 25,000.....	654, 800	15. 6	552, 780	1, 787, 730	2, 730	3, 234
Rural-nonfarm.....	883, 486	14. 3	767, 200	2, 816, 200	3, 188	3, 719
Rural-farm.....	1, 001, 060	9. 0	910, 500	4, 133, 878	4, 130	4, 540
YEARS OF SCHOOL COMPLETED						
No school years completed.....	53, 580	8. 6	48, 000	258, 191	4, 819	5, 274
Grade school: 1 to 4 years.....	282, 120	9. 4	255, 500	1, 286, 312	4, 559	5, 034
5 and 6 years.....	495, 920	10. 9	441, 640	1, 970, 009	3, 972	4, 461
7 and 8 years.....	1, 787, 820	14. 7	1, 525, 600	5, 471, 144	3, 060	3, 586
High school: 1 to 3 years.....	729, 080	17. 4	599, 600	1, 903, 828	2, 622	3, 175
4 years.....	639, 400	21. 2	501, 600	1, 304, 540	2, 050	2, 601
College: 1 to 3 years.....	269, 540	20. 2	215, 060	563, 273	2, 090	2, 619
4 years or more.....	135, 060	24. 5	101, 880	248, 721	1, 842	2, 441
School years not reported.....	28, 100	14. 9	23, 900	91, 549	3, 258	3, 831
MONTHLY RENTAL VALUE OF HOME						
Less than \$5.....	316, 180	7. 5	292, 420	1, 504, 601	4, 759	5, 145
\$5 to \$9.....	481, 020	9. 4	435, 880	2, 007, 913	4, 174	4, 607
\$10 to \$14.....	488, 440	11. 7	431, 300	1, 771, 531	3, 627	4, 167
\$15 to \$19.....	429, 660	13. 7	370, 700	1, 365, 400	3, 178	3, 683
\$20 to \$29.....	782, 860	15. 5	661, 700	2, 202, 764	2, 814	3, 329
\$30 to \$39.....	607, 220	18. 7	493, 680	1, 471, 398	2, 423	2, 980
\$40 to \$49.....	375, 740	19. 0	302, 120	888, 117	2, 231	2, 771
\$50 to \$74.....	458, 320	20. 8	335, 080	936, 254	2, 043	2, 579
\$75 to \$99.....	133, 360	21. 9	104, 100	262, 012	1, 965	2, 517
\$100 and over.....	150, 180	20. 2	119, 800	302, 083	2, 011	2, 522
Rental not reported.....	191, 580	27. 5	138, 960	435, 503	2, 273	3, 134
MARITAL STATUS						
Married, husband present.....	3, 571, 980	15. 5	3, 018, 280	10, 799, 126	3, 023	3, 573
Married once.....	3, 114, 620	15. 2	2, 642, 080	9, 548, 725	3, 066	3, 614
Married more than once.....	432, 100	18. 2	353, 380	1, 166, 070	2, 700	3, 301
Married unknown times.....	25, 260	9. 7	22, 820	83, 731	3, 315	3, 669
Married, husband absent.....	151, 700	18. 2	124, 020	417, 847	2, 754	3, 369
Widowed and divorced.....	690, 880	17. 3	571, 440	1, 880, 603	2, 722	3, 291
AGE AT MARRIAGE						
(For women married once, husband present)						
Less than 18 years.....	251, 440	3. 8	241, 980	1, 317, 032	5, 242	5, 446
18 and 19 years.....	553, 300	6. 2	519, 260	2, 252, 062	4, 070	4, 337
20 and 21 years.....	681, 800	10. 4	610, 800	2, 225, 595	3, 204	3, 644
22 to 24 years.....	715, 620	13. 6	615, 600	1, 998, 689	2, 793	3, 231
25 and 26 years.....	326, 820	19. 6	262, 780	742, 284	2, 271	2, 825
27 to 29 years.....	228, 360	24. 2	175, 140	447, 739	1, 961	2, 586
30 to 34 years.....	102, 600	35. 2	105, 380	229, 923	1, 414	2, 182
35 to 39 years.....	55, 360	59. 8	22, 240	38, 036	687	1, 710
40 years or more.....	38, 260	88. 1	4, 540	9, 781	255	2, 169
Age at marriage not reported.....	101, 060	17. 5	83, 360	286, 704	2, 837	3, 439

¹ For number of childless women, deduct number of "mothers" from number of "total women."

Source: Department of Commerce, Bureau of the Census; special report of Sixteenth Census, *Differential Fertility, 1940 and 1910—Women by Number of Children Ever Born*.

No. 41.—GROSS AND NET REPRODUCTION RATES, BY COLOR, URBAN AND RURAL RESIDENCE, AND REGIONS: 1905 TO 1910, 1930 TO 1935, 1935 TO 1940, 1942 TO 1947, AND 1944 TO 1949

[Statistics for 1905 to 1910 based on Sample W, and those for 1930 to 1935 and 1935 to 1940 based on Sample C (see p. 1); statistics for 1942 to 1947 and for 1944 to 1949 based on Current Population Survey made in April 1947 and April 1949, see Sampling Note, p. 174. Urban-rural classification is in accordance with 1940 definitions; see p. 2. 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, no improvement in mortality alone would prevent a potential decline in population]

COLOR AND AREA	NET REPRODUCTION RATE					GROSS REPRODUCTION RATE			
	1905-10	1930-35	1935-40	1942-47	1944-49	1905-10	1930-35	1935-40	1942-47
COLOR									
All classes.....	1,336	984	978	1,292	1,385	1,793	1,108	1,101	1,402
White.....	1,339	972	957	1,269	(¹)	1,740	1,080	1,093	1,365
Nonwhite.....	1,329	1,074	1,137	1,459	(¹)	2,240	1,336	1,413	1,713
AREA									
United States.....	1,336	984	978	1,292	1,385	1,793	1,108	1,101	1,402
Urban.....	937	747	726	1,085	1,186	1,298	839	815	1,177
Rural-nonfarm.....	1,499	1,150	1,150	1,465	1,628	1,956	1,296	1,204	1,586
Rural-farm.....	2,022	1,632	1,661	1,859	1,806	2,663	1,844	1,878	2,029
The Northeastern States ²	1,120	828	794	1,123	(¹)	1,476	919	881	1,203
The North Central States ³	1,308	942	944	1,267	(¹)	1,626	1,044	1,046	1,356
The South ⁴	1,614	1,197	1,182	1,447	(¹)	2,393	1,382	1,363	1,610
The West ⁵	1,166	892	941	1,332	(¹)	1,479	1,003	1,067	1,440

¹ Not available.

² New England and Middle Atlantic.

³ East and West North Central.

⁴ South Atlantic and East and West South Central.

⁵ Mountain and Pacific.

Source: Department of Commerce, Bureau of the Census; special report of Sixteenth Census, *Differential Fertility, 1940 and 1910—Standardized Fertility Rates and Reproduction Rates*; and *Current Population Reports*, Series P-20, Nos. 18 and 27.

No. 42.—ANNUAL GROSS AND NET REPRODUCTION RATES, BY COLOR: 1940 TO 1949

[Statistics based on births reported by National Office of Vital Statistics, adjusted for under registration, and on annual life tables and population estimates by age. For meaning of gross and net reproduction rates, see head-note, table 41. For earlier annual gross reproduction rates, see *Historical Statistics*, series C 37]

YEAR	NET REPRODUCTION RATE			GROSS REPRODUCTION RATE		
	All classes	White	Nonwhite	All classes	White	Nonwhite
1940.....	1,023	1,000	1,205	1,116	1,079	1,414
1941.....	1,076	1,054	1,252	1,169	1,133	1,408
1942.....	1,190	1,173	1,316	1,282	1,252	1,511
1943.....	1,233	1,214	1,385	1,320	1,297	1,584
1944.....	1,171	1,141	1,385	1,258	1,216	1,577
1945.....	1,144	1,111	1,382	1,224	1,180	1,564
1946.....	1,359	1,340	1,515	1,443	1,411	1,688
1947.....	1,524	1,502	1,693	1,613	1,578	1,875
1948.....	1,462	1,415	1,798	1,542	1,484	1,975
1949.....	1,474	1,419	1,878	1,551	1,485	2,063

Source: 1940-45, Department of Commerce, Bureau of the Census; *Population—Special Reports*, Series P-47, No. 2. 1946-49, Federal Security Agency, Public Health Service, National Office of Vital Statistics; annual report, *Vital Statistics of the United States*.

No. 43.—MARITAL STATUS OF THE POPULATION 14 YEARS OLD AND OVER, BY SEX, 1890 TO 1951, AND BY URBAN AND RURAL, 1951

[1940 figures for "single" include unknown marital status. 1947-1951 based on Current Population Survey (see Sampling Note, p. 174) and relate primarily to civilian population]

SEX, YEAR AND AREA	POPULATION 14 YEARS OLD AND OVER						PERCENT OF TOTAL			
	Total	Single	Married	Widowed	Di- vorced	Un- known	Single	Mar- ried	Wid- owed	Di- vorced
MALE										
1890.....	21,501,030	8,378,726	11,205,228	815,437	49,101	52,538	43.6	52.1	3.8	0.2
1900.....	26,413,739	11,090,214	13,956,314	1,178,008	84,237	104,966	42.0	52.8	4.5	.3
1910.....	33,361,779	13,485,109	18,093,498	1,471,472	156,176	155,524	40.4	54.2	4.4	.5
1920.....	37,953,960	13,997,536	21,852,439	1,758,426	235,319	110,240	36.9	57.6	4.6	.6
1930.....	45,087,507	16,159,374	26,327,870	2,025,078	489,499	85,686	35.8	58.4	4.5	1.1
1940.....	50,553,748	17,593,379	30,192,334	2,143,612	624,423	-----	34.8	59.7	4.2	1.2
1947.....	52,350,000	14,760,000	34,638,000	2,134,000	818,000	-----	28.2	66.2	4.1	1.6
1948.....	53,227,000	14,734,000	35,411,000	2,055,000	1,027,000	-----	27.7	66.5	3.9	1.9
1949.....	53,448,000	13,952,000	36,474,000	2,181,000	842,000	-----	26.1	68.2	4.1	1.6
1950.....	54,287,000	14,212,000	37,022,000	2,170,000	878,000	-----	26.2	68.2	4.0	1.6
1951.....	53,420,000	12,984,000	37,354,000	2,216,000	866,000	-----	24.3	69.9	4.1	1.6
Urban.....	33,914,000	7,942,000	23,910,000	1,426,000	636,000	-----	23.4	70.5	4.2	1.9
Rural nonfarm.....	11,286,000	2,584,000	8,068,000	478,000	156,000	-----	22.9	71.5	4.2	1.4
Rural farm.....	8,220,000	2,458,000	5,376,000	312,000	74,000	-----	29.9	65.4	3.8	.9
FEMALE										
1890.....	20,297,079	6,927,597	11,126,196	2,154,615	71,895	17,676	34.1	54.8	10.6	.4
1900.....	25,024,415	8,337,330	13,813,787	2,717,839	114,677	40,782	33.3	55.2	10.9	.5
1910.....	30,958,473	9,841,065	17,688,169	3,176,429	185,101	68,172	31.8	57.1	10.3	.6
1920.....	36,100,483	10,623,990	21,324,487	3,917,894	273,361	50,751	29.4	58.9	10.8	.8
1930.....	44,018,048	12,478,046	26,174,997	4,734,374	573,246	52,385	28.1	59.5	10.8	1.3
1940.....	50,549,176	13,935,866	30,090,488	5,700,202	822,620	-----	27.6	59.5	11.3	1.6
1947.....	54,806,000	12,078,000	35,212,000	6,376,000	1,140,000	-----	22.0	64.2	11.6	2.1
1948.....	55,364,000	11,623,000	35,783,000	6,725,000	1,233,000	-----	21.0	64.6	12.1	2.2
1949.....	56,001,000	11,174,000	37,012,000	6,582,000	1,233,000	-----	20.0	66.1	11.8	2.2
1950.....	56,635,000	11,126,000	37,461,000	6,838,000	1,220,000	-----	19.6	66.1	12.1	2.2
1951.....	57,334,000	10,946,000	38,124,000	7,084,000	1,200,000	-----	19.1	66.5	12.4	2.1
Urban.....	30,960,000	7,300,000	24,586,000	5,040,000	974,000	-----	19.3	64.9	13.3	2.6
Rural nonfarm.....	11,850,000	2,144,000	8,148,000	1,386,000	172,000	-----	18.1	68.8	11.7	1.5
Rural farm.....	7,604,000	1,502,000	5,390,000	688,000	54,000	-----	19.8	70.9	8.7	.7

Source: Department of Commerce, Bureau of the Census; Current Population Reports, Series P-20, Nos. 35 and 38 as revised.

No. 44.—DISTRIBUTION OF THE CIVILIAN POPULATION 14 YEARS OLD AND OVER, BY MARITAL STATUS, BY AGE, SEX AND COLOR: APRIL 1951

[Statistics based on Current Population Survey; see Sampling Note p. 174]

AGE AND SEX	TOTAL					NONWHITE				
	Total	Single	Mar- ried	Wid- owed	Di- vorced	Total	Single	Mar- ried	Wid- owed	Di- vorced
Male										
14 to 19 years.....	100.0	24.3	69.9	4.1	1.6	100.0	25.7	66.3	5.8	2.2
20 to 24 years.....	100.0	97.8	2.1	.1	-----	100.0	97.3	2.7	-----	-----
25 to 34 years.....	100.0	61.7	47.6	.3	.3	100.0	41.5	56.3	.7	1.4
35 to 44 years.....	100.0	16.6	81.6	.2	1.5	100.0	18.8	77.5	1.6	2.1
45 to 54 years.....	100.0	10.3	86.7	.8	2.1	100.0	11.1	84.3	2.5	2.0
55 to 64 years.....	100.0	8.5	86.3	2.3	2.9	100.0	7.8	82.0	6.3	3.9
65 years and over.....	100.0	7.2	83.1	7.5	2.2	100.0	6.7	76.9	12.2	4.2
	100.0	7.6	66.8	24.4	1.1	100.0	4.2	64.6	30.2	.9
Female										
14 to 19 years.....	100.0	19.1	66.5	12.4	2.1	100.0	19.9	62.0	15.6	2.5
20 to 24 years.....	100.0	86.1	13.7	-----	.1	100.0	80.2	19.6	-----	.3
25 to 34 years.....	100.0	31.2	67.3	.8	1.2	100.0	33.6	63.3	.6	2.4
35 to 44 years.....	100.0	10.2	85.8	1.5	2.5	100.0	9.6	83.4	3.8	3.2
45 to 54 years.....	100.0	7.3	85.3	4.2	3.1	100.0	5.6	79.4	11.3	3.8
55 to 64 years.....	100.0	7.1	77.6	12.3	3.0	100.0	5.0	65.6	26.1	3.3
65 years and over.....	100.0	7.6	63.6	26.7	2.1	100.0	2.9	55.7	39.0	2.4
	100.0	7.7	36.3	55.0	1.0	100.0	.9	31.6	67.0	.5

Source: Department of Commerce, Bureau of the Census; Current Population Reports, Series P-20, No. 38.

No. 45.—MARITAL STATUS OF THE POPULATION 14 YEARS OLD AND OVER, BY AGE AND SEX: APRIL 1940 AND 1951

(In thousands. 1951 figures based on Current Population Survey; see Sampling Note, p. 174)

AGE (YEARS) AND SEX	TOTAL POPULATION, APRIL 1940					CIVILIAN POPULATION, APRIL 1951				
	Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
Male.....	50,554	17,593	30,192	2,144	624	53,420	12,984	37,354	2,216	866
14 to 19.....	7,398	7,290	106	1	1	5,990	5,856	126	8	-----
20 to 24.....	5,692	4,109	1,557	8	18	4,964	2,568	2,364	16	16
25 to 34.....	10,521	3,014	7,330	58	120	11,144	1,850	9,098	26	170
35 to 44.....	9,165	1,284	7,552	155	173	10,216	1,056	8,862	86	212
45 to 54.....	7,962	885	6,591	328	158	8,686	738	7,494	202	252
55 to 64.....	5,409	577	4,245	489	98	6,828	492	5,672	512	152
65 and over.....	4,406	434	2,811	1,104	57	5,592	424	3,738	1,366	64
Female.....	50,549	13,936	30,090	5,700	823	57,354	10,946	38,124	7,084	1,200
14 to 19.....	7,341	6,608	717	7	9	6,332	5,454	870	-----	8
20 to 24.....	5,895	2,781	3,026	33	56	5,766	1,800	3,880	18	68
25 to 34.....	10,818	2,050	8,341	200	227	12,180	1,244	10,450	180	306
35 to 44.....	9,168	951	7,431	538	249	10,846	796	9,254	456	340
45 to 54.....	7,550	654	5,737	991	168	8,952	636	6,944	1,102	270
55 to 64.....	5,163	462	3,255	1,365	81	6,986	530	4,440	1,868	148
65 and over.....	4,613	429	1,584	2,567	33	6,292	486	2,286	3,460	60

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 33.

No. 46.—HOUSEHOLDS, BY COLOR OF HEAD, WITH POPULATION PER HOUSEHOLD: 1890 TO 1951

[Figures for 1890 to 1940 based on complete census. Figures for 1941 to 1945 estimated on basis of number of marriages and divorces and allowances for wartime effects on household formation. Figures for 1946 to 1951 based on Current Population Survey, see Sampling Note, p. 174. Statistics for 1900, 1930, and subsequent years represent (private) households only; those for 1890, 1910, and 1920 include the small number of hotels, institutions, and other quasi households. For definition of households, see p. 3. See also *Historical Statistics*, series B 171-181]

DATE	HOUSEHOLDS				COLOR OF HEAD			
	Number	Annual increase over preceding date		Population per household ²	White		Nonwhite ³	
		Number	Percent ¹		Number	Percent	Number	Percent
1890 (June 1).....	12,690,152	-----	-----	4.93	11,255,169	88.7	1,434,983	11.3
1900 (June 1).....	15,963,965	327,381	2.32	4.76	14,063,791	88.1	1,900,174	11.9
1910 (Apr. 15).....	20,255,555	434,371	2.44	4.54	-----	-----	-----	-----
1920 (Jan. 1).....	24,351,676	418,398	1.90	4.34	21,825,654	89.6	2,526,022	10.4
1930 (Apr. 1).....	29,904,663	541,755	2.02	4.11	26,982,994	90.2	2,921,669	9.8
1940 (Apr. 1).....	34,948,666	504,400	1.56	3.77	31,679,766	90.6	3,268,900	9.4
1941 (July 1).....	35,850,000	721,000	2.06	3.67	-----	-----	-----	-----
1942 (July 1).....	36,450,000	600,000	1.67	3.59	-----	-----	-----	-----
1943 (July 1).....	36,875,000	425,000	1.17	3.46	-----	-----	-----	-----
1944 (July 1).....	37,100,000	225,000	.67	3.41	-----	-----	-----	-----
1945 (July 1).....	37,500,000	400,000	1.08	3.40	-----	-----	-----	-----
1946 (June 15).....	38,183,000	711,000	1.90	3.61	-----	-----	-----	-----
1947 (Apr. 15).....	39,138,000	1,151,000	3.02	3.63	35,593,000	90.9	3,545,000	9.1
1948 (Apr. 15).....	40,720,000	1,582,000	4.04	3.56	-----	-----	-----	-----
1949 (Apr. 15).....	42,107,000	1,387,000	3.41	3.50	-----	-----	-----	-----
1950 (Mar. 15).....	43,468,000	1,485,000	3.53	3.46	-----	91.7	-----	8.3
1951 (Apr. 15).....	44,564,000	1,012,000	2.33	3.34	-----	-----	-----	-----

¹ Computed by compound interest formula.

² Obtained by dividing total population by number of households (members of armed forces excluded 1941 to 1951); hence not strictly average size of household because about 2.5 percent of total population are members of quasi households.

³ The number of households with a Negro as head was 1,410,769 in 1890; 1,833,759 in 1900; 2,173,018 in 1910; 2,430,828 in 1920; 2,803,756 in 1930; and 3,141,883 in 1940.

Source: Department of Commerce, Bureau of the Census; *Thirteenth Census Reports, Population*, Vol. I; *Fifteenth Census Reports, Population*, Vol. VI; *Sixteenth Census Reports, Population*, Vol. IV, Part I; *Families—General Characteristics; Population—Special Reports*, Series P-46, Nos. 4, 6, and 7, and Series P-S, No. 16; *Current Population Reports*, Series P-20, Nos. 3, 11, 26, 31, and 35; and records.

No. 47.—FAMILIES, BY CHARACTERISTICS: APRIL 1951

[Statistics based on Current Population Survey, see Sampling Note, p. 174. 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
RESIDENCE								
All families.....	39,822,000	100.0	34,556,000	100.0	1,226,000	100.0	4,040,000	100.0
Urban.....	25,796,000	64.8	22,060,000	63.8	736,000	60.0	3,000,000	74.3
Rural nonfarm.....	8,388,000	21.1	7,520,000	21.8	204,000	16.6	664,000	16.4
Rural farm.....	5,638,000	14.2	4,976,000	14.4	286,000	23.3	376,000	9.3
SIZE OF FAMILY								
All families.....	39,822,000	100.0	34,556,000	100.0	1,226,000	100.0	4,040,000	100.0
2 persons.....	13,084,000	32.9	10,714,000	31.0	582,000	47.5	1,788,000	44.3
3 persons.....	9,084,000	25.1	8,682,000	24.8	290,000	23.7	1,112,000	27.5
4 persons.....	8,228,000	20.7	7,518,000	21.8	168,000	13.7	542,000	13.4
5 persons.....	4,434,000	11.1	4,038,000	11.7	96,000	7.8	360,000	7.4
6 persons.....	2,136,000	5.4	1,920,000	5.6	50,000	4.1	166,000	4.1
7 or more.....	1,956,000	4.9	1,784,000	5.2	40,000	3.3	132,000	3.3
RELATED CHILDREN UNDER 18 YEARS OLD								
All families.....	39,822,000	100.0	34,556,000	100.0	1,226,000	100.0	4,040,000	100.0
No related children under 18.....	16,968,000	42.6	14,286,000	41.3	812,000	66.2	1,870,000	46.3
1 related child under 18.....	9,298,000	23.3	8,060,000	23.3	192,000	15.7	1,046,000	25.9
2 related children under 18.....	7,208,000	18.1	6,490,000	18.8	130,000	10.6	588,000	14.6
3 or more.....	6,348,000	15.9	5,720,000	16.6	92,000	7.5	686,000	13.3
OWN CHILDREN UNDER 18 YEARS OLD								
All families.....	39,822,000	100.0	34,556,000	100.0	1,226,000	100.0	4,040,000	100.0
No own children under 18.....	18,608,000	46.7	15,226,000	44.1	996,000	81.2	2,386,000	59.1
1 own child under 18.....	8,552,000	21.5	7,600,000	22.2	118,000	9.6	774,000	19.2
2 own children under 18.....	6,778,000	17.0	6,264,000	18.1	56,000	4.6	468,000	11.6
3 or more.....	5,884,000	14.8	5,416,000	15.7	56,000	4.6	412,000	10.2
OWN CHILDREN UNDER 6 YEARS OLD								
All families.....	39,822,000	100.0	34,556,000	100.0	1,226,000	100.0	4,040,000	100.0
No children under 6.....	27,774,000	69.7	23,122,000	66.9	1,200,000	97.9	3,452,000	85.4
1 child under 6.....	7,386,000	18.5	7,018,000	20.3	18,000	1.5	350,000	8.7
2 or more.....	4,662,000	11.7	4,416,000	12.8	8,000	.7	238,000	5.9
MARITAL STATUS OF HEAD								
All families.....	39,822,000	100.0	34,556,000	100.0	1,226,000	100.0	4,040,000	100.0
Married, spouse present.....	34,556,000	86.8	34,556,000	100.0	-----	-----	-----	-----
Separated.....	450,000	1.1	-----	-----	62,000	5.1	388,000	9.6
Other married, spouse absent.....	516,000	1.3	-----	-----	60,000	4.9	456,000	11.3
Widowed.....	2,020,000	7.3	-----	-----	562,000	45.8	2,368,000	58.4
Divorced.....	542,000	1.4	-----	-----	86,000	7.0	456,000	11.3
Single.....	838,000	2.1	-----	-----	466,000	37.2	382,000	9.5

Source: Department of Commerce, Bureau of the Census; Current Population Reports, Series P-20, No. 38.

No. 48.—FAMILIES BY AGE, MARITAL STATUS AND SEX OF HEAD, AND NUMBER OF RELATED CHILDREN UNDER 18 YEARS OLD: APRIL 1951

[Based on Current Population Survey, see Sampling Note, p. 174. For definition of families, see p. 3]

SEX AND MARITAL STATUS OF HEAD AND NUMBER OF RELATED CHILDREN	All families	AGE OF HEAD					
		Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
All families	39,822,000	1,852,000	9,002,000	9,514,000	8,322,000	6,334,000	4,798,000
No related children under 18.....	16,968,000	764,000	1,800,000	1,908,000	3,780,000	4,602,000	4,114,000
1 related child under 18.....	9,208,000	654,000	2,746,000	2,204,000	2,184,000	1,030,000	410,000
2 related children under 18.....	7,208,000	340,000	2,616,000	2,502,000	1,198,000	398,000	154,000
3 or more.....	6,348,000	94,000	1,840,000	2,840,000	1,150,000	304,000	120,000
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0
No related children under 18.....	42.6	41.3	20.0	20.1	45.4	72.7	85.7
1 related child under 18.....	23.3	35.3	30.5	23.8	26.4	16.3	8.5
2 related children under 18.....	18.1	18.4	29.1	26.3	14.4	6.3	3.2
3 or more.....	15.9	5.1	20.4	29.9	13.8	4.8	2.5
Husband-wife families	34,556,000	1,680,000	8,304,000	8,530,000	7,178,000	5,290,000	3,574,000
No related children under 18.....	14,286,000	732,000	1,652,000	1,626,000	3,206,000	3,920,000	3,150,000
1 related child under 18.....	8,060,000	554,000	2,566,000	1,968,000	1,882,000	800,000	260,000
2 related children under 18.....	6,490,000	286,000	2,436,000	2,306,000	1,070,000	308,000	84,000
3 or more.....	5,720,000	78,000	1,650,000	2,630,000	1,020,000	262,000	80,000
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0
No related children under 18.....	41.3	43.6	19.9	19.1	44.7	74.1	88.1
1 related child under 18.....	23.3	34.8	30.9	23.1	26.2	15.1	7.3
2 related children under 18.....	18.8	17.0	29.3	27.0	14.9	5.8	2.4
3 or more.....	16.6	4.6	19.9	30.8	14.2	5.0	2.2
Other families with male head	1,228,000	36,000	114,000	222,000	252,000	230,000	372,000
No related children under 18.....	812,000	18,000	88,000	132,000	154,000	148,000	272,000
1 related child under 18.....	192,000	6,000	16,000	32,000	54,000	42,000	42,000
2 related children under 18.....	130,000	10,000	2,000	30,000	20,000	32,000	36,000
3 or more.....	92,000	2,000	8,000	28,000	24,000	8,000	22,000
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0
No related children under 18.....	66.2	50.0	77.2	59.5	61.1	64.3	73.1
1 related child under 18.....	15.7	16.7	14.0	14.4	21.4	18.3	11.3
2 related children under 18.....	10.6	27.8	1.8	13.5	7.9	13.9	9.7
3 or more.....	7.5	5.6	7.0	12.6	9.5	3.5	5.9
Families with female head	4,040,000	136,000	584,000	762,000	892,000	814,000	852,000
No related children under 18.....	1,870,000	14,000	60,000	150,000	420,000	534,000	692,000
1 related child under 18.....	1,046,000	64,000	164,000	264,000	258,000	188,000	108,000
2 related children under 18.....	588,000	44,000	178,000	166,000	108,000	58,000	34,000
3 or more.....	536,000	14,000	182,000	182,000	106,000	34,000	18,000
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0
No related children under 18.....	46.3	10.3	10.3	19.7	47.1	65.6	81.2
1 related child under 18.....	25.9	47.1	28.1	34.6	28.9	23.1	12.7
2 related children under 18.....	14.6	32.4	30.5	21.8	12.1	7.1	4.0
3 or more.....	13.3	10.3	31.2	23.9	11.9	4.2	2.1

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 38.

No. 49.—HOUSEHOLDS, FAMILIES, SUBFAMILIES, MARRIED COUPLES, AND UNRELATED INDIVIDUALS, URBAN AND RURAL: APRIL 1951

[Average not shown where base is less than 100,000. For definitions, see pp. 2, 3. See Sampling Note, p. 174]

SUBJECT	NUMBER				PERCENT			
	United States	Urban	Rural nonfarm	Rural farm	United States	Urban	Rural nonfarm	Rural farm
All households.....	44,564,000	29,228,000	9,310,000	6,026,000	100.0	100.0	100.0	100.0
FAMILIES								
All families.....	39,822,000	25,796,000	8,388,000	5,638,000	100.0	100.0	100.0	100.0
Primary families.....	39,382,000	25,442,000	8,316,000	5,024,000	98.9	98.6	99.1	99.8
Secondary families.....	440,000	354,000	72,000	14,000	1.1	1.4	.9	.2
SUBFAMILIES								
All subfamilies.....	2,204,000	1,496,000	360,000	348,000	100.0	100.0	100.0	100.0
Husband-wife subfamilies.....	1,442,000	992,000	212,000	238,000	65.4	66.3	58.9	68.4
Other subfamilies.....	762,000	504,000	148,000	110,000	34.6	33.7	41.1	31.6
MARRIED COUPLES								
All married couples.....	35,998,000	23,052,000	7,732,000	5,214,000	100.0	100.0	100.0	100.0
With own household.....	34,262,000	21,822,000	7,402,000	4,968,000	95.1	94.7	96.5	95.3
Without own household.....	1,746,000	1,230,000	270,000	246,000	4.9	5.3	3.5	4.7
UNRELATED INDIVIDUALS								
All individuals.....	9,342,000	6,970,000	1,628,000	744,000	100.0	100.0	100.0	100.0
Primary individuals.....	6,182,000	3,786,000	994,000	402,000	55.5	54.3	61.1	54.0
Secondary individuals.....	4,160,000	3,184,000	634,000	342,000	44.5	45.7	38.9	46.0
AVERAGE SIZE OF UNIT ¹								
Households.....	3.34	3.21	3.41	3.85	-----	-----	-----	-----
Families.....	3.54	3.41	3.63	3.99	-----	-----	-----	-----
Primary families.....	3.55	3.43	3.63	3.99	-----	-----	-----	-----
Secondary families.....	2.50	2.40	-----	-----	-----	-----	-----	-----
Subfamilies.....	2.75	2.74	2.77	2.82	-----	-----	-----	-----

¹ Average population per unit.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 38.

No. 50.—HOUSEHOLDS BY REGIONS AND DIVISIONS: APRIL 1940 AND 1950

[Occupied dwelling units shown for 1940 instead of households. For definition of households, see p. 3]

REGION AND DIVISION	1950	1940	Percent increase, 1940 to 1950
United States.....	42,856,051	34,654,632	23.0
Northeast.....	11,239,053	9,479,318	18.6
New England.....	2,616,632	2,201,421	18.9
Middle Atlantic.....	8,622,421	7,277,897	18.5
North Central.....	12,982,520	10,963,388	18.4
East North Central.....	8,829,454	7,275,239	21.4
West North Central.....	4,153,066	3,688,149	12.6
South.....	12,635,355	10,278,204	22.9
South Atlantic.....	5,540,361	4,278,771	29.5
East South Central.....	2,902,127	2,622,203	14.1
West South Central.....	4,192,867	3,377,230	21.5
West.....	5,999,123	4,133,622	45.1
Mountain.....	1,446,606	1,120,450	29.1
Pacific.....	4,552,517	3,013,172	51.1

Source: Department of Commerce, Bureau of the Census; 1950 Census of Population, advance report, Series PC-14, No. 2.

HOUSEHOLDS, BY STATES

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No. 51.—HOUSEHOLDS, URBAN AND RURAL, BY COLOR OF HEAD, WITH POPULATION PER HOUSEHOLD, 1940, AND NUMBER OF HOUSEHOLDS, 1930, BY STATES

[1940 statistics based on Sample F; see p. 1. For definition of households, see p. 3]

DIVISION AND STATE	Households, 1930	HOUSEHOLDS, 1940							
		Total	Color of head			Residence			Popu-lation per household ¹
			White	Nonwhite		Urban	Rural nonfarm	Rural farm	
				Number	Per cent				
United States	29,904,663	35,088,840	31,794,900	3,293,940	9.4	20,735,200	7,211,120	7,142,520	3.8
New England	1,981,499	2,221,580	2,194,360	27,220	1.2	1,683,480	404,840	133,260	3.8
Maine	197,826	222,080	221,180	900	.4	88,480	91,700	41,000	3.8
N. Hampshire	119,337	135,960	135,000	60	(2)	76,960	43,020	15,980	3.6
Vermont	89,188	91,880	91,760	120	.1	32,400	34,800	24,680	3.8
Massachusetts	1,021,160	1,125,840	1,111,520	14,320	1.3	1,006,340	95,620	23,880	3.9
Rhode Island	165,343	189,120	186,120	3,000	1.6	171,300	15,100	2,720	3.8
Connecticut	388,045	456,700	447,880	8,820	1.9	308,000	124,600	24,100	3.7
Middle Atlantic	6,374,380	7,325,100	7,006,420	318,680	4.4	5,702,460	1,195,380	427,260	3.8
New York	3,153,124	3,685,380	3,538,260	147,120	4.0	3,075,420	425,040	184,020	3.7
New Jersey	985,036	1,110,580	1,054,880	55,700	5.0	906,000	170,620	33,660	3.7
Pennsylvania	2,235,620	2,529,140	2,413,280	115,860	4.6	1,721,040	509,720	208,380	3.9
E. N. Central	6,362,823	7,317,040	7,041,400	275,640	3.8	4,875,000	1,280,260	1,161,780	3.6
Ohio	1,697,918	1,905,700	1,819,520	86,180	4.5	1,297,240	338,300	270,160	3.6
Indiana	843,066	962,340	929,620	32,720	3.4	642,600	203,880	215,960	3.6
Illinois	1,929,396	2,216,580	2,113,040	103,540	4.7	1,648,620	316,940	251,020	3.6
Michigan	1,180,554	1,405,480	1,357,620	47,860	3.4	927,020	255,000	223,460	3.7
Wisconsin	711,889	826,940	821,600	5,340	.6	459,620	166,140	201,180	3.8
W. N. Central	3,317,381	3,706,440	3,596,960	109,480	3.0	1,732,720	814,080	1,159,640	3.6
Minnesota	606,496	735,980	730,360	5,620	.8	387,780	136,220	121,980	3.8
Iowa	635,704	704,520	699,500	5,020	.7	316,420	158,980	229,120	3.6
Missouri	939,476	1,072,580	1,004,080	68,500	6.4	578,460	202,940	201,180	3.5
North Dakota	145,005	155,100	153,120	1,980	1.3	34,700	47,940	72,460	4.1
South Dakota	161,013	163,580	158,980	4,600	2.8	42,700	49,660	71,320	3.9
Nebraska	342,990	360,180	355,400	4,780	1.3	144,620	90,940	124,620	3.7
Kansas	487,188	514,500	495,520	18,980	3.7	228,040	127,600	158,960	3.5
South Atlantic	3,511,860	4,318,100	3,224,840	1,093,260	25.3	1,854,260	1,189,300	1,274,540	4.1
Delaware	59,092	72,420	63,300	9,120	12.6	38,420	22,760	11,240	3.7
Maryland	385,179	471,600	401,320	70,280	14.9	290,120	127,380	54,100	3.9
Dist. of Col.	125,564	170,640	131,000	39,640	23.2	170,640			3.9
Virginia	529,089	632,100	484,360	147,740	23.4	244,940	176,380	210,780	4.2
N. Virginia	373,941	440,200	412,860	27,340	6.2	138,400	192,480	109,320	4.3
W. Carolina	644,033	794,860	585,400	209,460	26.4	243,900	215,980	334,980	4.5
S. Carolina	365,680	437,680	254,320	183,360	41.9	126,760	129,000	181,920	4.3
Georgia	652,793	765,280	498,100	267,180	34.9	297,200	171,620	296,460	4.1
Florida	376,499	533,320	394,180	139,140	26.1	303,880	153,700	75,740	3.6
E. S. Central	2,273,359	2,629,700	1,933,220	696,480	26.5	867,020	589,680	1,173,000	4.1
Kentucky	609,405	693,060	634,240	58,820	8.6	236,460	181,800	275,700	4.1
Tennessee	600,625	714,420	580,620	133,800	18.7	276,080	153,840	284,500	4.1
Alabama	591,625	677,720	447,300	230,420	34.0	229,980	158,860	288,880	4.2
Mississippi	471,704	543,600	271,060	272,540	60.1	124,500	95,180	323,920	4.0
W. S. Central	2,868,262	3,405,220	2,759,120	646,100	19.0	1,449,160	760,520	1,195,540	3.8
Arkansas	438,639	497,820	371,820	126,000	25.3	125,660	112,760	269,400	3.9
Louisiana	485,363	593,860	375,300	218,560	36.8	263,600	136,720	193,540	4.0
Oklahoma	564,164	615,320	560,360	54,960	8.9	252,840	141,040	220,840	3.8
Texas	1,880,996	1,698,220	1,451,640	246,580	14.5	807,060	369,400	521,760	2.8
Mountain	914,408	1,129,000	1,088,980	40,020	3.5	513,740	344,280	270,980	3.7
Montana	136,210	159,060	155,380	4,680	2.7	64,080	49,680	46,000	3.6
Idaho	108,044	145,120	143,740	1,380	1.0	52,520	41,660	51,000	3.6
Wyoming	55,887	69,220	67,960	1,260	1.8	26,880	23,340	19,000	3.6
Colorado	267,324	319,700	314,380	5,320	1.7	177,620	78,160	63,920	3.5
New Mexico	98,846	131,480	122,740	8,740	6.6	47,060	44,380	40,040	4.0
Arizona	105,992	130,860	114,860	16,000	12.2	48,980	55,100	26,780	3.8
Utah	115,936	139,440	138,000	1,440	1.0	83,960	35,480	20,000	3.9
Nevada	25,469	33,520	31,920	1,600	4.8	12,640	16,680	4,200	3.3
Pacific	2,300,191	3,036,660	2,949,600	87,060	2.9	2,057,360	632,780	346,520	3.2
Washington	423,833	542,420	532,680	9,740	1.8	306,160	141,360	94,900	3.2
Oregon	266,328	343,280	330,660	3,620	1.1	176,100	92,880	74,300	3.2
California	1,610,030	2,160,960	2,077,260	73,700	3.4	1,575,100	308,540	177,320	3.2

¹ Obtained by dividing total population by number of households; hence not strictly average size of household because about 2.5 per cent of total population are members of quasi households.

² Less than 0.1 percent.

Source: Department of Commerce, Bureau of the Census; *Fifteenth Census Reports, Population*, Vol. VI, and special report of Sixteenth Census, *Families—General Characteristics*.

No. 52.—HOUSEHOLDS BY NUMBER OF RELATED PERSONS, BY STATES: 1940

[Statistics based on Sample F; see p. 1. For definition of households and related persons, see p. 3]

DIVISION AND STATE	HOUSEHOLDS WITH SPECIFIED NUMBER OF RELATED PERSONS							Median number of related persons ¹
	1	2	3	4	5	6	7 or more	
United States.....	3,546,720	3,008,680	7,700,860	6,163,620	3,733,340	2,168,200	2,777,420	3.15
New England.....	223,740	554,780	479,700	398,600	249,220	142,200	173,340	3.19
Maine.....	26,260	55,900	46,760	34,720	23,540	13,860	20,980	3.12
New Hampshire.....	17,600	36,640	28,020	21,980	14,000	8,100	9,620	2.99
Vermont.....	10,680	23,420	20,140	14,780	9,340	5,620	7,900	3.09
Massachusetts.....	112,100	277,100	239,400	204,880	130,180	74,500	87,620	3.23
Rhode Island.....	18,080	47,600	41,020	35,140	20,640	11,640	15,100	3.20
Connecticut.....	38,960	114,960	104,380	87,100	61,520	28,580	32,120	3.22
Middle Atlantic.....	599,820	1,826,680	1,650,920	1,379,060	815,920	446,280	506,420	3.19
New York.....	392,380	962,300	838,400	699,920	305,640	197,300	199,440	3.08
New Jersey.....	87,360	277,320	256,600	216,680	127,680	71,300	73,740	3.24
Pennsylvania.....	220,080	587,060	556,020	462,460	292,600	177,680	233,240	3.32
East North Central.....	697,260	1,979,640	1,664,440	1,328,200	766,460	420,700	460,340	3.09
Ohio.....	178,720	519,180	437,720	341,460	196,660	109,080	122,880	3.03
Indiana.....	91,380	280,040	214,260	164,400	94,860	55,160	62,240	3.01
Illinois.....	226,680	609,100	611,940	410,620	226,860	115,500	116,080	3.03
Michigan.....	125,420	376,740	311,680	257,100	163,360	88,540	98,740	3.16
Wisconsin.....	76,160	200,680	188,940	154,720	94,720	52,420	60,400	3.23
West North Central.....	386,020	1,004,840	824,680	635,420	384,840	216,940	253,700	3.06
Minnesota.....	70,180	177,180	160,660	133,600	86,260	46,960	55,240	3.21
Iowa.....	70,200	197,460	166,620	123,120	74,020	40,180	42,860	3.04
Missouri.....	109,440	320,220	248,160	173,860	98,840	56,420	68,640	2.93
North Dakota.....	16,880	30,160	30,100	28,200	19,260	12,000	18,840	3.05
South Dakota.....	18,180	39,020	34,200	27,640	18,180	11,880	14,480	3.22
Nebraska.....	38,800	94,880	80,080	64,680	38,300	21,660	22,280	3.09
Kansas.....	67,780	145,920	117,860	84,360	49,980	27,240	31,360	2.95
South Atlantic.....	368,480	983,400	886,740	726,200	496,040	327,220	530,020	3.41
Delaware.....	7,660	19,160	16,840	12,660	6,920	4,600	4,080	3.06
Maryland.....	44,360	119,000	103,620	81,440	51,380	30,080	40,820	3.19
Dist. of Columbia.....	28,880	60,660	56,620	28,760	13,880	7,400	9,140	2.67
Virginia.....	51,280	138,740	131,660	106,800	71,980	49,900	82,840	3.46
West Virginia.....	31,700	69,660	65,920	77,180	66,760	39,120	58,960	3.65
North Carolina.....	43,280	160,340	159,120	138,340	102,660	71,740	128,380	3.32
South Carolina.....	32,680	86,660	85,460	72,440	64,080	35,920	70,180	3.69
Georgia.....	66,920	176,460	166,080	130,240	88,720	58,420	97,620	3.45
Florida.....	72,320	162,180	160,780	82,600	49,160	29,980	37,400	2.58
East South Central.....	190,540	606,680	542,620	441,420	303,980	208,800	335,660	3.45
Kentucky.....	49,400	161,300	144,800	115,400	81,380	54,780	86,900	3.44
Tennessee.....	49,460	169,520	160,980	120,920	84,520	65,720	83,300	3.42
Alabama.....	47,120	146,500	136,480	115,480	77,760	58,060	93,320	3.57
Mississippi.....	44,560	129,360	110,360	86,620	60,320	40,240	72,140	3.39
West South Central.....	301,620	843,440	750,560	585,000	371,320	227,660	325,620	3.24
Arkansas.....	38,280	119,920	106,320	85,800	59,800	36,620	54,020	3.35
Louisiana.....	56,100	138,600	125,040	99,000	66,800	42,420	67,600	3.32
Oklahoma.....	56,780	152,280	134,540	105,600	70,720	42,920	53,480	3.24
Texas.....	151,460	432,740	384,600	294,000	178,440	105,700	160,620	3.19
Mountain.....	153,286	273,760	231,020	195,200	116,460	68,560	90,720	3.16
Montana.....	20,240	39,460	31,920	26,520	15,280	7,900	9,340	2.53
Idaho.....	17,960	33,660	30,420	26,140	16,880	9,420	11,640	3.19
Wyoming.....	10,860	17,240	14,740	12,740	6,040	3,640	3,960	2.94
Colorado.....	43,240	87,440	68,740	54,060	29,880	16,720	16,620	2.92
New Mexico.....	13,240	27,260	26,740	21,520	14,600	10,080	18,040	3.44
Arizona.....	18,600	31,300	26,260	20,380	13,900	8,180	13,340	3.12
Utah.....	12,120	28,180	26,760	29,060	18,740	11,220	13,660	3.59
Nevada.....	8,120	9,220	6,440	4,780	2,140	1,400	1,420	2.44
Pacific.....	525,960	935,460	670,180	464,520	229,100	109,840	101,600	2.58
Washington.....	94,900	168,980	118,900	80,300	44,520	21,020	17,800	2.65
Oregon.....	53,840	108,620	75,440	56,080	28,680	13,100	12,420	2.69
California.....	377,220	672,660	475,840	322,140	156,000	75,720	71,380	2.53

¹ For definition of median, see headnote, table 23, p. 28.

HOUSEHOLDS, BY STATES

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No. 53.—HOUSEHOLDS, BY NUMBER OF RELATED CHILDREN UNDER 10 YEARS OLD AND UNDER 18 YEARS OLD, BY STATES: 1940

[Statistics based on Sample D; see p. 1. For definition of households, see p. 3]

DIVISION AND STATE	All households	HOUSEHOLDS WITH SPECIFIED NUMBER OF RELATED CHILDREN UNDER 10 YEARS OLD				HOUSEHOLDS WITH SPECIFIED NUMBER OF RELATED CHILDREN UNDER 18 YEARS OLD			
		None	1	2	3 or more	None	1	2	3 or more
United States	35,087,440	23, 128,800	6, 361,620	3, 351,900	2, 245, 120	17, 164,680	7, 467,960	5, 082, 520	5, 372, 280
N. England	2, 224, 900	1, 526, 680	386, 460	198, 380	113, 380	1, 144, 220	453, 520	315, 560	311, 600
Maine.....	222, 180	145, 100	38, 620	22, 360	16, 100	111, 080	43, 080	29, 540	37, 580
N. Hampshire.....	135, 060	94, 400	22, 500	11, 620	7, 440	73, 060	26, 480	17, 360	19, 060
Vermont.....	91, 900	60, 820	15, 340	8, 420	7, 320	46, 960	18, 160	11, 200	15, 580
Massachusetts.....	1, 128, 760	781, 040	192, 620	99, 520	55, 580	584, 140	226, 720	161, 000	158, 900
Rhode Island.....	189, 180	131, 160	32, 800	16, 800	8, 420	97, 460	38, 540	23, 000	25, 180
Connecticut.....	460, 920	314, 160	84, 580	39, 060	18, 520	231, 520	99, 640	68, 460	57, 300
Mid. Atlantic	7, 318, 500	5, 047, 060	1, 332, 180	625, 540	313, 720	3, 717, 100	1, 619, 300	1, 079, 180	902, 920
New York.....	3, 689, 260	2, 608, 060	655, 680	296, 340	128, 280	1, 956, 360	807, 080	538, 540	386, 380
New Jersey.....	1, 111, 400	775, 820	206, 140	89, 800	39, 840	554, 320	256, 180	164, 320	129, 580
Pennsylvania.....	2, 517, 840	1, 662, 280	470, 360	230, 600	145, 600	1, 106, 420	555, 140	376, 320	389, 960
E. N. Central	7, 318, 900	4, 966, 320	1, 314, 120	664, 500	373, 960	3, 724, 720	1, 578, 860	1, 051, 760	963, 560
Ohio.....	1, 906, 620	1, 308, 620	339, 220	165, 180	93, 960	976, 120	417, 000	289, 680	243, 520
Indiana.....	961, 540	654, 700	185, 040	86, 500	54, 700	500, 060	194, 180	132, 620	134, 680
Illinois.....	2, 216, 840	1, 546, 020	393, 800	186, 000	91, 020	1, 173, 240	485, 700	314, 060	243, 840
Michigan.....	1, 407, 700	917, 820	261, 080	144, 300	84, 500	676, 040	305, 160	212, 620	213, 880
Wisconsin.....	826, 200	539, 160	154, 380	82, 520	50, 140	399, 260	176, 820	122, 780	127, 340
W. N. Central	3, 766, 660	2, 490, 860	637, 760	348, 500	229, 540	1, 889, 140	748, 240	515, 340	553, 940
Minnesota.....	735, 380	481, 620	129, 760	74, 280	49, 820	360, 620	148, 800	108, 760	117, 200
Iowa.....	705, 280	474, 800	121, 940	68, 360	40, 180	331, 240	143, 700	99, 800	100, 540
Missouri.....	1, 071, 980	745, 320	177, 800	80, 400	59, 460	677, 620	216, 360	135, 700	142, 300
N. Dakota.....	165, 080	90, 680	29, 220	18, 700	10, 480	64, 500	30, 320	24, 640	35, 560
S. Dakota.....	163, 900	104, 140	29, 740	17, 100	12, 920	76, 020	33, 600	23, 580	30, 700
Nebraska.....	360, 380	242, 020	63, 000	34, 100	21, 260	180, 080	72, 980	53, 180	54, 140
Kansas.....	514, 660	352, 380	86, 300	46, 560	29, 420	269, 000	102, 480	69, 680	73, 500
South Atlantic	4, 316, 660	2, 665, 880	837, 320	474, 700	438, 760	1, 814, 880	921, 200	656, 020	924, 560
Delaware.....	72, 560	49, 320	13, 500	5, 940	3, 800	37, 740	15, 980	9, 660	9, 180
Maryland.....	472, 340	312, 380	86, 820	43, 760	29, 380	232, 800	101, 080	68, 060	69, 800
Dist. of Col.....	170, 820	127, 060	26, 200	11, 060	6, 560	101, 720	34, 280	19, 280	15, 540
Virginia.....	632, 040	378, 600	118, 820	68, 600	66, 020	267, 640	135, 180	91, 420	137, 800
W. Virginia.....	440, 700	249, 040	87, 500	52, 520	51, 640	169, 980	92, 180	70, 240	108, 300
N. Carolina.....	793, 760	418, 940	169, 180	101, 420	104, 220	270, 280	174, 840	133, 500	215, 140
S. Carolina.....	437, 860	230, 120	93, 040	54, 340	60, 360	151, 400	97, 480	70, 020	118, 960
Georgia.....	765, 160	440, 790	151, 180	88, 500	84, 720	309, 460	162, 720	120, 260	172, 720
Florida.....	531, 420	359, 660	91, 080	48, 620	32, 060	273, 860	107, 460	72, 980	77, 120
E. S. Central	2, 628, 600	1, 512, 320	513, 720	311, 620	290, 940	1, 067, 400	557, 360	401, 700	602, 140
Kentucky.....	692, 380	406, 100	131, 260	80, 040	74, 980	291, 220	144, 240	101, 700	155, 220
Tennessee.....	714, 240	422, 920	140, 200	83, 040	68, 080	300, 700	154, 340	100, 000	150, 200
Alabama.....	677, 360	372, 000	136, 960	85, 940	82, 460	255, 040	145, 300	110, 180	166, 840
Mississippi.....	544, 620	311, 300	105, 300	62, 600	65, 420	220, 440	113, 480	80, 820	129, 880
W. S. Central	3, 404, 160	2, 065, 820	667, 160	378, 800	292, 380	1, 474, 860	763, 200	518, 240	647, 860
Arkansas.....	497, 960	286, 820	100, 300	60, 340	50, 500	202, 300	108, 980	77, 400	109, 280
Louisiana.....	593, 720	355, 260	114, 040	65, 760	58, 660	251, 340	133, 680	87, 180	121, 520
Oklahoma.....	615, 080	373, 040	120, 840	69, 160	52, 040	265, 680	136, 500	94, 440	118, 460
Texas.....	1, 697, 400	1, 050, 700	331, 980	183, 540	131, 180	755, 540	384, 040	250, 220	298, 000
Mountain	1, 129, 580	709, 540	209, 400	129, 320	90, 320	526, 940	228, 060	174, 720	199, 860
Montana.....	108, 720	58, 260	26, 700	15, 700	10, 060	85, 440	28, 060	22, 780	22, 840
Idaho.....	145, 340	89, 060	26, 960	17, 860	11, 460	64, 920	29, 340	23, 980	27, 100
Wyoming.....	69, 160	44, 660	12, 520	7, 660	4, 320	33, 600	14, 540	11, 100	9, 920
Colorado.....	320, 040	211, 540	67, 300	31, 140	20, 060	162, 580	66, 420	45, 780	45, 260
New Mexico.....	131, 540	69, 400	27, 400	17, 060	17, 680	49, 220	28, 080	20, 680	33, 580
Arizona.....	130, 980	77, 720	24, 660	15, 900	12, 700	58, 120	26, 220	19, 900	26, 680
Utah.....	139, 260	75, 800	29, 680	21, 200	12, 580	52, 940	28, 720	26, 500	31, 040
Nevada.....	33, 540	24, 100	5, 180	2, 800	1, 490	20, 120	6, 080	3, 880	3, 460
Pacific	3, 039, 480	2, 253, 320	463, 500	220, 540	102, 120	1, 805, 420	598, 220	370, 000	265, 840
Washington.....	542, 640	396, 380	82, 780	43, 880	19, 600	315, 760	105, 100	70, 620	51, 160
Oregon.....	343, 600	248, 820	53, 940	28, 600	12, 240	196, 220	67, 340	46, 480	33, 560
California.....	2, 153, 240	1, 608, 120	326, 780	148, 060	70, 280	1, 293, 440	425, 780	252, 900	181, 120

Source: Department of Commerce, Bureau of the Census; special report of Sixteenth Census, *Families—General Characteristics*.

No. 54.—POPULATION—SUMMARY FOR ALASKA: 1929, 1939, AND 1950

[See also *Historical Statistics*, series B 6]

SEX, COLOR, AND NATIVITY	1929 (Oct. 1)	1939 (Oct. 1)	1950 (Apr. 1)	AGE	1929 (Oct. 1)	1939 (Oct. 1)	1950 (Apr. 1)
Total.....	59,278	72,524	128,643	Under 5 years.....	8,356	7,611	15,549
Male.....	35,764	43,003	70,471	5 to 9 years.....	6,078	6,709	18,497
Female.....	23,514	29,521	49,172	10 to 14 years.....	5,095	6,097	27,090
Males per 100 females.....	152.1	145.7	161.6	15 to 19 years.....	4,735	5,610	28,466
White.....	28,640	39,170	92,783	20 to 24 years.....	4,259	6,272	18,527
Male.....	19,904	25,595	60,379	25 to 29 years.....	4,171	6,774	10,660
Female.....	8,736	13,575	32,404	30 to 34 years.....	3,762	5,887	6,213
Native.....	18,460	30,384	80,275	35 to 39 years.....	4,459	5,165	4,741
Foreign-born.....	10,180	8,786	6,508	40 to 44 years.....	4,385	4,030	-----
Nonwhite.....	30,038	33,354	35,860	45 to 49 years.....	4,111	4,047	-----
Male.....	15,860	17,408	19,092	50 to 54 years.....	3,720	3,901	-----
Female.....	14,778	16,046	16,768	55 to 59 years.....	2,828	3,402	-----
Native stock.....	20,983	32,458	38,884	60 to 64 years.....	2,245	2,568	-----
Other races.....	855	896	1,976	65 to 69 years.....	1,490	2,033	-----
				70 to 74 years.....	824	1,132	-----
				75 years and over.....	612	936	-----
				Age unknown.....	139	251	-----

1939

MALES OF MILITIA AGE (18 TO 44 YEARS)		YEARS OF SCHOOL COMPLETED	
Total.....	17,900	Persons 25 years and over, total ¹	40,135
White.....	11,813	White.....	27,618
Nonwhite.....	6,087	Aleuts, Eskimos, and Indians.....	11,978
CITIZENSHIP OF FOREIGN-BORN		No years completed ¹	5,824
Total.....	9,132	White.....	397
Male.....	7,164	Aleuts, Eskimos, and Indians.....	5,379
Female.....	1,978	Elementary school:	
Naturalized.....	6,440	1 and 2 years ¹	1,472
Male.....	5,079	White.....	306
Female.....	1,367	Aleuts, Eskimos, and Indians.....	1,130
First papers.....	1,131	3 and 4 years ¹	2,889
Male.....	1,063	White.....	1,099
Female.....	128	Aleuts, Eskimos, and Indians.....	1,722
Alien and unknown.....	1,555	5 and 6 years ¹	3,259
Male.....	1,072	White.....	1,718
Female.....	483	Aleuts, Eskimos, and Indians.....	1,454
MARITAL STATUS		7 and 8 years ¹	10,226
Males 15 years of age and over.....	32,494	White.....	8,873
Single.....	14,827	Aleuts, Eskimos, and Indians.....	1,217
Married.....	14,625	High school:	
Widowed.....	1,854	1 to 3 years ¹	5,021
Divorced.....	1,188	White.....	4,572
Females 15 years of age and over.....	19,523	Aleuts, Eskimos, and Indians.....	379
Single.....	3,739	4 years ¹	5,327
Married.....	13,618	White.....	5,074
Widowed.....	1,720	Aleuts, Eskimos, and Indians.....	200
Divorced.....	446	College:	
SCHOOL ATTENDANCE		1 to 3 years ¹	2,957
Number 5 to 24 years, total.....	24,778	White.....	2,883
Attending school.....	11,787	Aleuts, Eskimos, and Indians.....	63
Percent.....	47.6	4 years or more ¹	2,133
		White.....	2,085
		Aleuts, Eskimos, and Indians.....	31
		Not reported ¹	1,027
		White.....	694
		Aleuts, Eskimos, and Indians.....	404

¹ Includes data for "Other nonwhite, not shown separately".Source: Department of Commerce, Bureau of the Census; *Fifteenth Census Reports, Outlying Territories and Possessions*; *Sixteenth Census Reports, Population, Second Series Bulletins*; and 1950 Census of Population, Series PC-11, No. 1, and records.

No. 55.—POPULATION—SUMMARY FOR HAWAII: 1930, 1940, AND 1950

[1950 data are based on preliminary sample results. See also *Historical Statistics*, series B 7]

SEX, RACE, AND NATIVITY	1930	1940	1950	SEX, RACE, NATIVITY AND AGE	1930	1940	1950
Total	168,336	142,330	499,800	Japanese.....	139,631	157,905	183,600
Male.....	222,640	245,135	269,300	Male.....	75,008	82,820	92,100
Female.....	145,696	178,195	230,500	Female.....	64,023	75,085	91,500
Males per 100 females.....	152.8	137.6	116.6	Native.....	91,185	120,552	154,400
Hawaiian and part				Foreign-born.....	48,446	37,353	29,100
Hawaiian.....	50,860	64,310	87,400	Other races.....	13,912	15,981	21,700
Male.....	25,353	32,063	44,300	Male.....	8,081	8,857	12,000
Female.....	25,507	32,247	43,100	Female.....	5,831	7,124	9,700
Native.....	50,860	64,283	87,400	Native.....	10,847	13,543	19,300
Foreign-born.....		27	100	Foreign-born.....	3,065	2,438	2,400
Caucasian.....	73,702	103,791	114,000	AGE			
Male.....	45,071	64,473	62,700	Under 5 years.....	48,180	40,085	63,700
Female.....	28,631	39,318	51,400	5 to 9 years.....	47,119	43,431	52,200
Native.....	64,144	95,840	103,200	10 to 14 years.....	38,042	47,404	41,800
Foreign-born.....	9,558	7,951	5,900	15 to 19 years.....	33,400	48,338	42,700
Chinese.....	27,179	28,774	33,000	20 to 24 years.....	42,767	51,077	50,200
Male.....	16,561	16,131	16,000	25 to 29 years.....	36,671	42,329	50,500
Female.....	10,618	12,643	17,000	30 to 34 years.....	27,474	33,387	41,900
Native.....	19,711	23,930	29,000	35 to 39 years.....	22,251	28,888	
Foreign-born.....	7,468	4,844	4,000	40 to 44 years.....	18,756	22,111	65,900
Filipino ¹	63,052	52,569	60,100	45 to 49 years.....	15,637	17,487	
Male.....	52,566	40,791	42,200	50 to 54 years.....	13,440	15,116	45,100
Female.....	10,486	11,778	17,900	55 to 64 years.....	16,768	20,518	26,200
Native.....	63,052	52,569	26,600	65 to 74 years.....	5,871	10,112	19,100
Foreign-born.....			33,500	75 years and over.....	1,767	2,802	
				Age unknown.....	103	155	

1950

CHARACTERISTIC	Total	Urban	Rural	CHARACTERISTIC	Total	Urban	Rural
MARITAL STATUS (14 years and over)				FERTILITY			
Male	191,600	126,200	65,500	Women, 45 years and over, ever married.....	38,000	27,300	10,600
Single.....	80,000	49,800	30,800	Percent by children ever born:			
Married.....	100,700	69,400	31,300	No children.....	7.9	8.1	6.6
Widowed or divorced.....	10,900	7,600	3,400	1 or 2 children.....	20.3	23.1	13.2
Female	157,800	116,500	41,300	3 or 4 children.....	22.9	24.2	19.8
Single.....	43,800	33,300	10,500	5 to 7 children.....	26.3	26.4	27.4
Married.....	98,300	70,700	27,600	8 children or more.....	19.7	15.8	30.2
Widowed or divorced.....	15,700	12,500	3,200	Not reported.....	2.9	2.9	2.8
SCHOOL ENROLLMENT				Number of children.....	171,400	114,900	56,500
Persons 5 to 24 years old.....	187,000	123,600	63,400	Children per 1,000 women reporting.....	4,845	4,336	5,485
Enrolled in school.....	108,400	73,300	35,100	RESIDENCE ON AUGUST 14, 1945 (V-J DAY)			
Percent enrolled.....	58.0	59.3	55.4	Persons born prior to Au- gust 14, 1945	437,500	301,600	135,800
5 to 13 years.....	82.2	81.0	82.8	Same house as on April 1, 1950.....	202,800	142,600	60,200
14 to 17 years.....	80.4	81.1	86.1	Different house, same island.....	140,500	103,500	37,000
18 to 24 years.....	13.6	15.9	9.1	Different island.....	23,500	14,800	8,800
MARRIED COUPLES				Continental United States, possessions, and abroad.....	62,000	37,100	25,800
Total married couples.....	88,200	62,600	25,600	Not reported.....	7,800	3,600	4,100
Percent with own house- hold.....	89.2	88.2	91.8	Percent living in: Same house as on April 1, 1950.....	46.4	47.3	44.3
Percent without own household.....	10.8	11.8	8.2	Different house, same island.....	32.1	34.3	27.2
FAMILIES AND UNRELATED INDIVIDUALS				Different island.....	5.4	4.9	6.5
Total	152,500	100,000	52,600	Continental United States, possessions, and abroad.....	14.4	12.3	19.0
Families.....	98,300	69,500	28,700	Not reported.....	1.8	1.2	3.0
Unrelated individuals.....	54,300	30,400	23,800				
HOUSEHOLDS							
Total households.....	109,600	75,500	34,100				
Population in households.....	466,600	328,500	138,000				
Population per household.....	4.3	4.4	4.0				

¹ Includes 36 inhabitants of Midway Islands.² Includes 560 inhabitants of Baker, Canton, Enderbury, Howland, Jarvis, Johnston, Sand and Midway Islands.³ All Filipinos were reported as native prior to 1950.Source: Department of Commerce, Bureau of the Census; *Fifteenth Census Reports, Outlying Territories and Possessions*; *Sixteenth Census Reports, Population*, Second Series Bulletins; and 1950 Census of Population, Preliminary Reports, Series PC-6, No. 11.

No. 56.—POPULATION—SUMMARY FOR PUERTO RICO: 1930, 1940, AND 1950

(1950 data are based on preliminary sample results. See also *Historical Statistics, Series B 8*)

CHARACTERISTIC	1930 (Apr. 1)	1940 (Apr. 1)	1950 (Apr. 1)	CHARACTERISTIC	1930 (Apr. 1)	1940 (Apr. 1)	1950 (Apr. 1)
Total.....	1,543,913	1,869,255	2,211,000	AGE—continued			
Male.....	771,761	938,280	1,103,000	45 to 49 years.....	103,163	69,002	160,000
Female.....	772,152	930,975	1,108,000	50 to 54 years.....			
Males per 100 females.....	99.9	100.8	99.5	55 to 59 years.....			
White.....	1,146,719	1,430,744	1,776,000	60 to 64 years.....			
Male.....	574,369	718,398	892,000	65 to 69 years.....	56,418	35,387	98,000
Female.....	572,350	712,346	883,000	70 to 74 years.....			
Native.....	1,141,114	1,426,055	1,776,000	75 years and over.....			
Foreign born.....	6,605	4,689	-----	Not reported.....		222	947
Nonwhite.....	397,104	438,511	435,000	LITERACY AND ABILITY			
Male.....	197,392	219,882	211,000	TO SPEAK ENGLISH			
Female.....	199,802	218,629	224,000	Persons 10 years old			
Native.....	386,782	433,161	-----	and over.....	1,093,423	1,337,163	1,625,000
Foreign born.....	412	350	-----	Able to read and			
AGE				write:			
Under 5 years.....	226,468	280,440	362,000	Total number.....	641,085	916,027	1,155,000
Under 1 year.....	44,638	59,838	66,000	Percent.....	68.6	68.5	75.7
5 to 9 years.....	224,022	251,662	323,000	Not able to read			
10 to 14 years.....	190,337	227,097	269,000	and write:			
15 to 19 years.....	186,150	206,149	210,000	Total number.....	452,338	421,136	370,000
20 to 24 years.....	149,336	206,326	192,000	Percent.....	41.4	31.5	24.3
25 to 29 years.....	99,780	148,008	161,000	Able to speak Eng-			
30 to 34 years.....	94,709	102,596	181,000	lish:			
35 to 39 years.....	164,904	101,138	222,000	Total number.....	212,231	371,132	388,000
40 to 44 years.....		85,972	-----	Percent.....	19.4	27.8	25.4

1950

CHARACTERISTIC	Total	Urban	Rural	CHARACTERISTIC	Total	Urban	Rural
SCHOOL ENROLLMENT				MARRIED COUPLES—CON.			
Persons 5 to 24 years old.....	994,000	381,000	613,000	Percent with own			
Enrolled in school.....	495,000	180,000	228,000	household.....	91.9	91.5	92.7
5 to 13 years.....	301,000	119,000	182,000	Percent without own			
14 to 17 years.....	76,000	40,000	36,000	household.....	7.8	8.5	7.1
18 to 24 years.....	31,000	21,000	10,000	HOUSEHOLDS			
PERCENT				Total households.....	440,000	189,000	252,000
Persons 5 to 25 years old.....	41.9	47.2	37.2	Population in house-			
5 to 13 years.....	54.5	61.3	50.8	holds.....	2,191,000	879,000	1,312,000
14 to 17 years.....	46.6	63.5	36.0	Population per house-			
18 to 24 years.....	11.1	16.9	6.5	hold.....	5.0	4.7	5.1
MARITAL STATUS				FERTILITY			
(14 years old and over)				Women 45 years old and			
Males.....	645,000	265,000	380,000	over, ever married.....	187,000	72,000	84,000
Single.....	253,000	102,000	151,000	Percent by number			
Married.....	288,000	119,000	169,000	of children ever			
Consensually married.....	83,000	35,000	48,000	born:			
Widowed or divorced.....	21,000	8,000	13,000	No children.....	7.1	9.7	4.5
Females.....	651,000	303,000	348,000	1 or 2 children.....	16.1	24.1	5.3
Single.....	193,000	95,000	98,000	3 or 4 children.....	13.3	13.1	13.5
Married.....	275,000	117,000	158,000	5 or 6 children.....	17.7	17.9	17.4
Consensually married.....	91,000	41,000	49,000	7 to 9 children.....	20.3	17.6	22.5
Widowed or divorced.....	93,000	50,000	43,000	10 or more children.....	23.3	16.2	29.4
MARRIED COUPLES				Not reported.....	2.3	1.4	2.1
Total married and consensually married				Number of children.....	947,000	365,000	581,000
couples.....	347,000	142,000	205,000	Children per 1,000 wom-			
				en reporting.....	6,190	5,129	7,111

Sources: Department of Commerce, Bureau of the Census; *Fifteenth Census Reports, Outlying Territories and Possessions: Sixteenth Census Reports, Population*, Second and Third Series Bulletins; and 1950 Census of Population, Preliminary Reports, Series PC-6, No. 12.

No. 57.—STATISTICS OF RELIGION: 1950

[Represents latest figures available from church bodies; excludes a few groups giving no data, such as Church of Christ, Scientist, and Jehovah's Witnesses. 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. In most Protestant bodies, membership figures include only those who actually join the church; Roman Catholics and a few others include members from time of christening; many Eastern Orthodox bodies count only head of family. Membership and clergy data refer to 1950 except as noted; financial data mainly for 1950, or a fiscal year ending in 1950]

RELIGIOUS BODY	Number of churches reported	MEMBERSHIP AND CLERGY		CONTRIBUTIONS (\$1,000) ¹		
		Membership (1,000)	Ordained clergy	All purposes	Foreign missions	Home missions
Total	281,511	86,830	285,014	1,138,738	56,567	58,724
Bodies with membership over 50,000:						
Seventh Day Adventists.....	2,712	237	1,752	34,411	7,198	6,895
Assemblies of God.....	5,950	318	6,225	2,447	2,059	113
Baptist bodies:						
American Baptist Convention.....	6,768	1,561	6,200	51,313	1,454	684
Southern Baptist Convention.....	27,788	7,080	22,293	197,242		
National Baptist Convention, U. S. A., Inc.	25,350	4,446	24,587		300	36
National Baptist Convention of America.....	10,851	2,646	27,237		44	32
American Baptist Association.....	³ 2,165	³ 240	(⁴)	(⁵)	22	30
Free Will Baptists.....	1,825	220	3,050	2,500	50	5
National Baptist Evangelical Life and Soul Saving Assembly of U. S. A.	⁶ 644	⁶ 71				
National Primitive Baptist Convention of the U. S. A.	1,009	79				
Primitive Baptists.....	1,000	72				
United American Free Will Baptist Church.	⁷ 350	⁷ 75				
Church of the Brethren.....	1,029	186	2,975	5,214	275	195
Buddhist Churches of America.....	⁸ 46	⁸ 70				
Christian and Missionary Alliance.....	976	58			1,878	
Churches of God:						
Church of God (Cleveland).....	3,368	175	1,414	1,012	313	61
Church of God (Anderson, Ind.).....	1,964	107	2,455	7,726	280	250
Church of God in Christ.....	3,407	317	4,177	74	7	3
Church of the Nazarene.....	3,480	227	4,552	23,868	1,103	223
Churches of Christ.....	⁹ 14,500	⁹ 1,000	7,000	25,000	2,000	3,000
Congregational Christian Church.....	¹⁰ 5,679	¹⁰ 1,205	¹⁰ 5,744	33,915	¹⁰ 5,424	(¹¹)
Disciples of Christ.....	7,769	1,768	8,208	12,974	1,375	702
Eastern Churches:						
Armenian Orthodox Church in America.....	37	100				
Greek Archdiocese of North and South America.....	320	1,000	325			
Russian Orthodox Church.....	¹² 399	¹² 400				
Serbian Eastern Orthodox Church.....	¹³ 46	¹³ 75				
Syrian Antiochian Orthodox Church.....	80	90				
Evangelical and Reformed Church.....	¹⁴ 2,754	¹⁴ 726	¹⁴ 678	24,080	984	614
Evangelical United Brethren Church.....	4,323	718	3,295	25,491	942	942
Federated Churches.....	¹⁵ 508	¹⁵ 88				
Religious Society of Friends (5 Years Meeting).	¹⁶ 490	¹⁶ 69	¹⁶ 639	1,395	¹⁶ 102	(¹⁷)
Independent Fundamental Churches of America.....	¹⁸ 650	¹⁸ 65				
International Church of the Four Square Gospel.....	541	75	1,893	2,947	314	2,634
Jewish Congregations.....	¹⁹ 3,728	¹⁹ 5,000	2,350			
Latter Day Saints:						
Church of Jesus Christ of Latter Day Saints.	2,117	1,111				
Reorganized Church of Jesus Christ of Latter Day Saints.....	579	125	8,300			
Lutheran:						
American Lutheran Conference:						
American Lutheran Church.....	²⁰ 1,876	²⁰ 692	²⁰ 1,712	20,463	308	374
Evangelical Lutheran Augustana Synod of North America.....	²¹ 1,136	²¹ 440	²¹ 982	12,955	450	455
Evangelical Lutheran Church of America.....	²² 2,707	²² 814	²² 1,648	4,307	606	495
Lutheran Free Church.....	²³ 356	²³ 60	²³ 220	975	75	48
Lutheran Synodical Conference of North America:						
Lutheran Church, Missouri Synod.....	4,430	1,675				
Evangelical Lutheran Joint Synod of Wisconsin and other States.....	829	307	685	1,476	(²⁴)	(²⁴)
United Lutheran Church in America.....	²⁵ 4,134	²⁵ 1,954	²⁵ 3,830	46,866	2,038	1,777

See footnotes at end of table.

No. 57.—STATISTICS OF RELIGION: 1950—Continued

RELIGIOUS BODY	Number of churches reported	MEMBERSHIP AND CLERGY		CONTRIBUTIONS (\$1,000) ¹		
		Members-ship (1,000)	Ordained clergy	All purposes	Foreign missions	Home missions
Bodies with membership over 50,000—Con.						
Mennonite Church.....	433	56	1,035	6,797	2,246	482
Methodist bodies:						
African Methodist Episcopal Church.....	5,878	1,166	7,173	970	41	5
African Methodist Episcopal Zion Church.....	3,069	630	3,085	516	60	51
Colored Methodist Episcopal Church.....	¹³ 4,300	¹³ 381	-----	-----	-----	-----
Free Methodist Church of N. A.....	1,201	50	1,870	6,766	426	-----
The Methodist Church.....	40,158	8,936	24,437	244,677	9,500	29,069
Pentecostal Assemblies:						
Pentecostal Assemblies of the World, Inc.....	600	50	800	250	19	2
Pentecostal Church of God of America.....	² 685	² 63	² 1,471	-----	-----	-----
United Pentecostal Church.....	1,200	100	-----	-----	-----	-----
Polish National Catholic Church.....	⁷ 146	⁷ 250	-----	-----	-----	-----
Presbyterian bodies:						
Cumberland Presbyterian Church.....	1,035	81	681	391	92	19
Presbyterian Church in the U. S.....	3,647	678	2,694	37,942	1,810	687
Presbyterian Church in the U. S. A.....	8,335	2,319	9,196	94,222	4,796	4,009
United Presbyterian Church of North America.....	832	214	877	9,523	458	567
Protestant Episcopal Church.....	² 7,784	² 2,541	² 6,654	73,845	² 3,010	(⁷)
Reformed bodies:						
Christian Reformed Church.....	341	152	392	2,976	(¹⁴)	(¹⁴)
Reformed Church in America.....	763	183	887	9,670	624	514
Roman Catholic Church.....	15,533	28,635	43,889	-----	-----	-----
Salvation Army.....	¹¹ 1,380	¹¹ 209	-----	-----	-----	-----
Evangelical Mission Covenant Church of America.....	460	51	478	-----	370	142
Spiritualists:						
International General Assembly of Spiritualists.....	¹¹ 175	¹¹ 150	-----	-----	-----	-----
Christ Unity Spiritual Science Church.....	3,380	667	3,812	-----	-----	-----
American Unitarian Association.....	357	76	469	333	228	56
Other bodies.....	19,153	1,676	20,598	111,268	3,288	3,635

¹ Only church bodies giving information have been included.² 1949 data.³ 1951 data.⁴ Unknown.⁵ No accurate record.⁶ 1945 data.⁷ 1944 data.⁸ 1940 data.⁹ Data for home missions included in foreign missions figure.¹⁰ 1942 data.¹¹ 1947 data.¹² 1936 data.¹³ 1946 data.¹⁴ Included under all purposes.Source: National Council of the Churches of Christ in the United States of America; *Yearbook of American Churches, 1951*, as corrected in Oct. 8, 1951, issue of *Information Service*.

2. Vital Statistics, Health, and Nutrition

(Sent to print February 15, 1952)

Vital statistics.—Vital statistics, including statistics of births, deaths, marriages, divorces, and communicable diseases, are compiled and published by the National Office of Vital Statistics, Public Health Service. Reports in this field are also issued by the individual State bureaus of vital statistics.

Births and deaths.—The national collection of mortality statistics on an annual basis was begun in 1900. For that year, the death-registration States consisted of 10 States and the District of Columbia. In 1915, the national collection of birth statistics was begun with 10 States and the District of Columbia. Beginning with 1933, the birth and death registration areas have comprised the entire United States.

Births and deaths are classified by place of occurrence and by place of residence¹ of the mother or of the decedent. In most of the following tables, the data are shown by place of residence.

Marriages and divorces.—National collections of statistics on marriages and divorces in the United States were made for the years 1867–1906, 1916, 1922–32, 1937–40 and 1944–50. Estimates have been made for the intervening years as well as for years in which collections were not complete. At the present time, records of marriage are filed centrally in almost three-fourths of the States, and records of divorce in more than one-half of the States. Marriage and divorce data in the following tables are shown by place of occurrence.

Vital statistics rates.—Vital statistics rates are based upon Bureau of the Census estimates of the midyear population. 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.² Briefly, birth and divorce rates for 1940–46 for the United States are based on the total population including members of the armed forces overseas; those for States on the civilian population in the States. Birth and divorce rates for 1947–50 and death and marriage rates for 1940–50 for the United States and States are based on total population present in the area, excluding armed forces overseas.

Cause-of-death classification.—Causes of death are classified according to the *International List of Causes of Death*. The sixth and latest decennial revision was put into effect beginning with data for 1949. Data for previous years, classified according to earlier lists, have been estimated to correspond with the new classification.³

Morbidity.—Statistics on morbidity are compiled and published by the Public Health Service. Each State health officer reports lists of selected diseases weekly, monthly, and annually. The diseases reported to the State health officers depend on laws or regulations within the various States; therefore, lists of reportable diseases differ. However, most of the common communicable diseases are reportable in all States. Tables 96 and 97 show selected data on reportable diseases.

In addition, data on illnesses are obtained by special surveys. The most comprehensive survey in this field is the National Health Survey made in 1935–36. Public Health Bibliography Series No. 5 gives extensive annotated citations to publications

¹ For a discussion of methods of residence allocation and of significance of residence figures, see *Vital Statistics of the United States*, 1949, Part II, pp. V–IX.

² For a discussion of the interpretation of crude rates during wartime, see *Summary of Natality and Mortality Statistics, United States, 1943*, Vital Statistics—Special Reports, Vol. 21, No. 1, 1945; and *Marriage and Divorce in the United States, 1937 to 1945*, Vital Statistics—Special Reports, Vol. 23, No. 9, 1946.

³ For details on comparability of causes of death due to revision, see *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, 1951.

based on the National Health Survey. Morbidity studies of specific conditions, such as rheumatism and cancer, are in process. These data are supplemented by more intensive studies in specific localities such as Hagerstown and Baltimore, Md.

Medical care.—Annual statistics of medical care on a Nation-wide basis are limited to data on hospital facilities obtained from the annual census of hospitals and institutions conducted by the American Medical Association. Such censuses include only hospitals, sanatoriums, and related institutions registered by that organization. Therefore, a relatively large number of institutions are not included in the survey. However, practically all of the large institutions in the country are canvassed with the result that most of the hospital bed facilities are usually included.

An index to one aspect of medical care is also provided by the numbers of births and deaths occurring in hospitals and institutions. These data may be found in the Public Health Service publications on vital statistics. Another aspect of medical care is provided by statistics on patients in hospitals for mental disease, and in institutions for mental defectives and epileptics. Beginning with the 1947 report, the annual reports are issued by the National Institute of Mental Health, Public Health Service; from 1926-46, the data were collected annually by the Bureau of the Census.

Nutrition.—Statistics on the apparent consumption of food per capita by civilians are estimated by the Bureau of Agricultural Economics of the Department of Agriculture. On the basis of these estimates, statistics on the nutritive value of the per capita food supply are computed by the Bureau of Human Nutrition and Home Economics. These statistics are published quarterly by the Bureau of Agricultural Economics in the National Food Situation. Methodologies and detailed information back to 1909 are available in Misc. Pub. No. 691, *Consumption of Food in the United States 1909-48*, and its annual supplements.

Statistics on Federal food distribution programs, and 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*.

Under the provisions of Federal laws, food commodities are distributed for school lunches and to institutions and welfare cases. Statistics on direct distribution, without charge to recipients, of food commodities acquired by the Government and distributed under provisions of Section 32, Public Law 320 approved in 1935, Section 6 of the National School Lunch Act of 1946, Public Law 471, Eighty-first Congress, and commodities distributed under Section 416 of the Agricultural Act of 1949 on which the recipient paid the freight from point of storage, are presented in tables 101-103. Distribution to ultimate recipients is accomplished through cooperating distributing agencies in States. Expenditures represent cost to the government of the commodity as delivered to the State distributing agency and include cost of purchase, handling, warehousing, and transportation charges, but exclude cost of administrative expenses, except that \$8.9 million expended for Section 416 commodities excludes transportation charges which were paid by recipients. Statistics on the indemnity plan, which is a subsidy program to expand markets for agricultural products, maintain outlets for government-owned commodities, and support school-lunch programs, are shown in tables 101 and 103. Sponsors of school-lunch programs are reimbursed by the government for local purchases of food on a basis of quality and quantity of meals served. This program was started in 1943.

Historical statistics.—See preface and historical appendix. Tabular headnotes (as "See also *Historical Statistics*, series B 1 and C 1-5") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*.

No. 58.—BIRTHS, DEATHS, MARRIAGES AND DIVORCES AND RATES PER 1,000 POPULATION: 1900 TO 1950

[Births and deaths are for registration States and represent registered births and deaths only; see table 60. For coverage of these areas, see table 59. Marriage and divorce data are for the United States. For additional rates, see *Historical Statistics*, series C 24, C 45, C 77-78]

YEAR	NUMBER				RATES PER 1,000 POPULATION ¹			
	Births	Deaths	Marriages ²	Divorces ³	Births	Deaths	Marriages ²	Divorces ³
1900.....		343, 217	709, 000	55, 751		17.2	9.3	0.7
1905.....		345, 863	842, 000	67, 976		15.9	10.0	.8
1910.....		696, 856	948, 166	83, 045		14.7	10.3	.9
1915.....	776, 304	815, 500	1, 007, 595	104, 298	25.0	13.2	10.0	1.0
1920.....	1, 508, 874	1, 118, 070	1, 274, 476	170, 505	23.7	13.0	12.0	1.6
1925.....	1, 878, 880	1, 191, 809	1, 188, 394	175, 449	21.3	11.7	10.3	1.5
1930.....	2, 203, 958	1, 327, 240	1, 126, 856	195, 961	18.9	11.3	9.2	1.6
1935.....	2, 155, 105	1, 302, 752	1, 327, 000	218, 000	16.9	10.9	10.4	1.7
1938.....	2, 286, 902	1, 381, 891	1, 380, 780	244, 000	17.6	10.6	10.3	1.9
1939.....	2, 205, 588	1, 387, 897	1, 403, 633	251, 000	17.3	10.6	10.7	1.9
1940.....	2, 300, 399	1, 417, 269	1, 595, 870	264, 000	17.9	10.7	12.1	2.0
1941.....	2, 513, 427	1, 397, 042	1, 695, 999	293, 000	18.8	10.5	12.7	2.2
1942.....	2, 808, 996	1, 385, 187	1, 772, 132	321, 000	20.8	10.4	13.2	2.4
1943.....	2, 934, 860	1, 459, 544	1, 577, 050	350, 000	21.5	10.9	11.8	2.6
1944.....	2, 794, 800	1, 411, 838	1, 452, 394	400, 000	20.2	10.6	11.0	2.9
1945.....	2, 735, 450	1, 401, 719	1, 612, 992	485, 000	19.5	10.6	12.2	3.5
1946.....	3, 288, 072	1, 395, 617	2, 291, 045	610, 000	23.3	10.0	16.4	4.3
1947.....	3, 699, 940	1, 445, 370	1, 991, 878	483, 000	25.8	10.1	13.9	3.4
1948.....	3, 535, 068	1, 444, 337	1, 811, 155	408, 000	24.2	9.9	12.4	2.8
1949.....	3, 559, 520	1, 443, 607	1, 579, 798	397, 000	24.0	9.7	10.6	2.7
1950.....	3, 548, 000	1, 456, 000	1, 660, 934	385, 000	23.5	9.6	11.0	2.5

¹ Birth and divorce rates for 1940-46 based on population including armed forces overseas; for 1947-50 based on population excluding armed forces overseas. Death and marriage rates for 1940-50 based on population excluding armed forces overseas.

² Estimated, except 1925, 1930, and 1944-50.

³ Estimated, except for 1900, 1905, 1925, and 1930.

⁴ Estimated. ⁵ Preliminary.

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics; *Vital Statistics—Special Reports*, Vol. 34, No. 50; births and deaths from monthly *Vital Statistics Bulletin*, Vol. 13, No. 13; marriages and divorces from News Release, FSA-C7, Apr. 23, 1951.

No. 59.—BIRTH- AND DEATH-REGISTRATION STATES—POPULATION AND NUMBER OF STATES INCLUDED: 1900 TO 1933

[Beginning with 1933 both birth- and death-registration areas comprise all States. For midyear estimates of population for 1934 and subsequent years, see table 8, p. 10. See also *Historical Statistics*, series C 1-5]

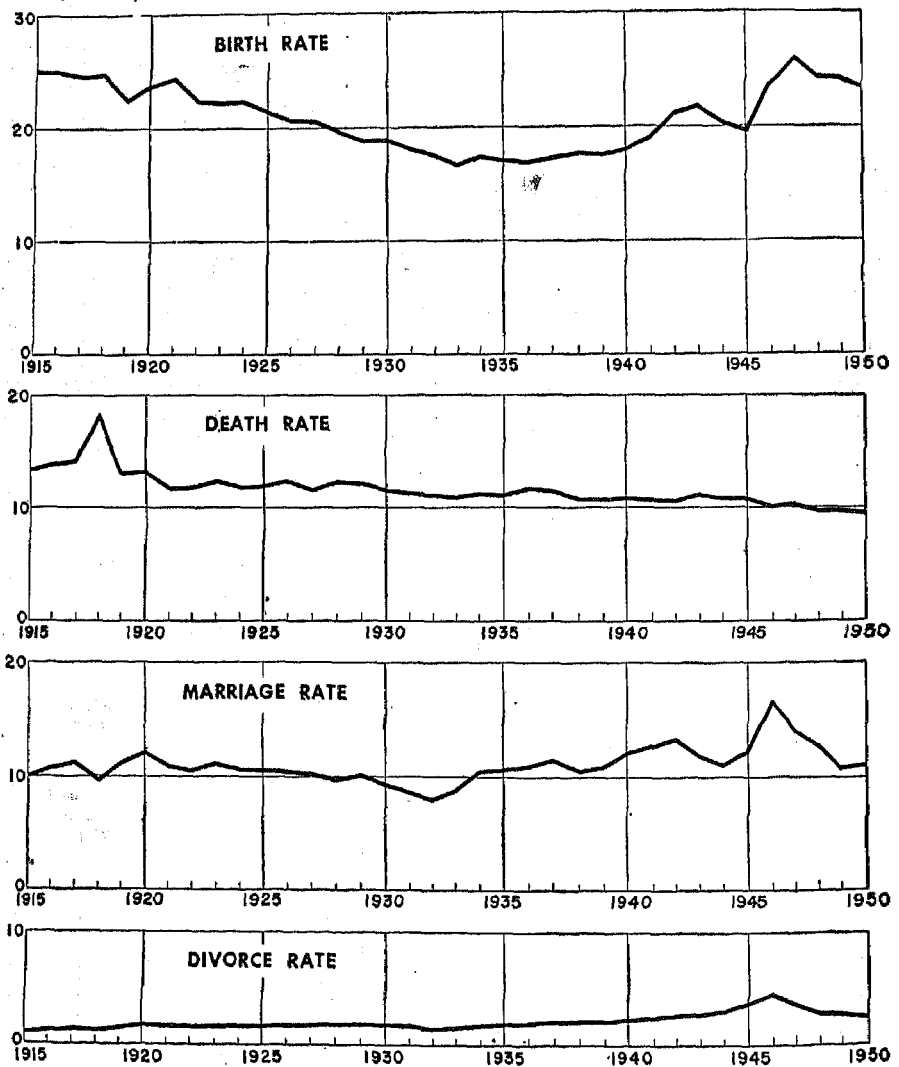
YEAR	BIRTH-REGISTRATION STATES			DEATH-REGISTRATION STATES		
	Population (midyear estimates)	Percent of U. S. total population	Number of States (incl. D. C.)	Population (midyear estimates)	Percent of U. S. total population	Number of States (incl. D. C.)
1900.....				19, 965, 446	26.2	11
1905.....				21, 767, 080	26.0	11
1910.....				47, 470, 437	51.4	21
1915.....	81, 086, 697	30.9	11	61, 894, 847	61.6	25
1916.....	32, 944, 013	32.3	12	66, 971, 777	65.7	27
1917.....	55, 197, 952	53.5	21	70, 234, 776	68.0	28
1918.....	55, 153, 782	53.4	21	79, 008, 412	76.6	31
1919.....	61, 212, 076	58.6	23	83, 157, 982	79.6	34
1920.....	63, 597, 307	59.7	24	86, 079, 263	80.9	35
1921.....	70, 807, 090	65.2	28	87, 814, 447	80.9	35
1922.....	79, 660, 746	72.3	31	92, 702, 901	84.2	38
1923.....	81, 072, 123	72.4	31	96, 788, 197	86.5	39
1924.....	87, 000, 295	76.2	34	99, 318, 098	87.0	40
1925.....	88, 294, 564	76.2	34	102, 031, 555	88.1	41
1926.....	90, 400, 590	77.0	36	103, 822, 693	88.4	42
1927.....	104, 320, 830	87.0	41	107, 084, 532	90.0	43
1928.....	113, 636, 160	94.3	45	113, 636, 160	94.3	45
1929.....	115, 317, 450	94.7	47	115, 317, 450	94.7	47
1930.....	116, 544, 946	94.7	47	117, 238, 278	95.3	48
1931.....	117, 455, 229	94.7	47	118, 148, 987	95.3	48
1932.....	118, 909, 899	95.2	48	118, 909, 899	95.2	48
1933.....	125, 578, 763	100.0	49	125, 578, 763	100.0	49

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics; annual report, *Vital Statistics of the United States*.

FIG. IV.—VITAL STATISTICS RATES: 1915 TO 1950

[See table 68]

Per 1,000 Population



Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics.

NO. 60.—PERCENT COMPLETENESS OF BIRTH REGISTRATION, BIRTHS CORRECTED FOR UNDERREGISTRATION, AND RATES PER 1,000 POPULATION, BY RACE, FOR THE UNITED STATES: 1935 TO 1949

YEAR	PERCENT COMPLETENESS OF BIRTH REGISTRATION			LIVE BIRTHS CORRECTED FOR UNDERREGISTRATION					
				Number (in thousands)			Rate ¹		
	All races	White	Non-white	All races	White	Non-white	All races	White	Non-white
1935.....	90.7	92.4	79.9	2,377	2,042	334	18.7	17.9	25.8
1936.....	91.1	92.8	80.2	2,365	2,027	328	18.4	17.6	25.1
1937.....	91.3	93.1	80.4	2,413	2,071	342	18.7	17.9	26.0
1938.....	91.6	93.4	80.8	2,496	2,148	348	19.2	18.4	26.3
1939.....	91.9	93.6	81.1	2,466	2,117	349	18.8	18.0	26.1
1940.....	92.3	94.0	81.3	2,558	2,199	360	19.4	18.6	26.7
1941.....	92.8	94.5	81.6	2,710	2,332	378	20.3	19.5	27.7
1942.....	93.5	95.3	81.9	3,003	2,610	393	22.3	21.6	28.4
1943.....	93.9	95.6	82.3	3,127	2,713	413	22.9	22.2	29.3
1944.....	94.1	96.0	82.7	2,969	2,558	411	21.5	20.7	28.7
1945.....	94.5	96.3	83.3	2,894	2,487	408	20.7	19.9	28.0
1946.....	95.1	96.7	84.4	3,468	3,013	445	24.5	23.8	30.0
1947.....	95.5	97.0	85.3	3,876	3,377	499	27.0	26.3	33.1
1948.....	95.5	97.1	85.0	3,702	3,173	529	25.3	24.3	34.4
1949.....	95.6	97.2	86.4	3,722	3,171	551	25.1	23.8	35.0

¹ For 1940-46, based on population including armed forces overseas; for 1947-49, based on population excluding armed forces overseas.

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics; annual report, *Vital Statistics of the United States*.

NO. 61.—PERCENT COMPLETENESS OF BIRTH REGISTRATION, BY RACE AND BY STATES: DEC. 1, 1939, TO MAR. 31, 1940

[Data obtained by matching special infant cards for all infants stated in the 1940 Census to have been born during period Dec. 1, 1939, to Mar. 31, 1940, with birth certificates for children born during this period. For further details, see *Studies in Completeness of Birth Registration, Part I*, Vital Statistics—Special Reports, Vol. 17, No. 18, p. 223. Data are by place of occurrence.]

STATE	All races	White	Non-white	STATE	All races	White	Non-white
United States.....	92.5	94.0	82.0	Montana.....	97.6	98.0	91.1
Alabama.....	¹ 85.0	86.4	82.4	Nebraska.....	96.9	97.0	93.1
Arizona.....	84.4	93.8	48.4	Nevada.....	96.2	97.5	² 90.9
Arkansas.....	75.9	79.6	63.2	New Hampshire.....	98.7	98.6	² 100.0
California.....	98.0	98.1	96.5	New Jersey.....	99.0	99.0	98.7
Colorado.....	89.8	89.8	² 90.4	New Mexico.....	86.4	91.2	40.3
Connecticut.....	99.4	99.4	97.9	New York.....	³ 98.7	98.8	96.3
Delaware.....	97.4	97.2	98.6	North Carolina.....	86.1	88.4	81.0
District of Columbia.....	97.9	98.5	96.6	North Dakota.....	94.7	94.6	95.2
Florida.....	89.9	91.3	86.4	Ohio.....	95.2	95.3	93.7
Georgia.....	81.3	83.6	77.6	Oklahoma.....	84.8	87.0	66.9
Idaho.....	95.0	95.1	² 79.3	Oregon.....	97.1	97.3	² 84.1
Illinois.....	96.9	97.3	90.6	Pennsylvania.....	97.0	97.2	92.9
Indiana.....	96.6	96.6	94.0	Rhode Island.....	98.8	98.8	² 100.0
Iowa.....	94.6	94.7	² 90.1	South Carolina.....	77.6	82.7	71.8
Kansas.....	95.5	95.6	92.9	South Dakota.....	95.4	96.6	79.8
Kentucky.....	89.2	89.2	87.6	Tennessee.....	80.4	81.4	75.1
Louisiana.....	86.1	87.7	83.7	Texas.....	86.5	89.3	63.7
Maine.....	96.1	96.3	² 63.2	Utah.....	96.6	97.1	² 69.6
Maryland.....	97.1	97.8	94.1	Vermont.....	97.3	97.3	² 100.0
Massachusetts.....	98.9	98.9	98.0	Virginia.....	91.9	92.5	90.2
Michigan.....	97.8	97.9	94.0	Washington.....	97.8	98.0	88.7
Minnesota.....	99.3	99.3	97.2	West Virginia.....	86.5	86.7	81.3
Mississippi.....	89.8	93.8	86.2	Wisconsin.....	96.9	96.9	93.2
Missouri.....	90.2	90.7	82.7	Wyoming.....	95.6	95.9	² 85.4

¹ Results of a field investigation in Jefferson County, received too late for inclusion, change the percentage completeness from 85.0 to 85.2 percent.

² Percentage is based on fewer than 100 records.

³ Results of a field investigation in New York State (exclusive of New York City), received too late for inclusion, raise the percentage completeness from 98.7 to 98.9 percent.

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics; *Vital Statistics—Special Reports*, Vol. 17, No. 18.

No. 62.—BIRTHS AND BIRTH RATES PER 1,000 POPULATION, BY RACE, AND BIRTHS BY SEX, FOR BIRTH-REGISTRATION STATES: 1920 TO 1949

[For total births, see table 58, p. 59. See also *Historical Statistics*, series C 25 and C 26]

YEAR	BIRTHS BY RACE				BIRTHS BY SEX		Male births per 1,000 female births
	Number		Rate ¹		Male	Female	
	White	Nonwhite	White	Non-white			
1920	1,395,523	113,351	23.5	27.0	775,322	733,552	1,057
1925	1,731,609	147,211	21.0	25.4	900,973	911,907	1,060
1930	1,953,103	250,795	18.9	21.6	1,131,076	1,071,982	1,056
1935	1,888,012	287,093	16.5	20.6	1,105,489	1,049,616	1,053
1940	2,007,953	202,446	17.5	21.7	1,211,684	1,148,715	1,055
1942	2,486,934	322,062	20.6	23.2	1,444,365	1,364,631	1,058
1943	2,594,763	340,097	21.2	24.1	1,506,969	1,427,901	1,055
1944	2,454,700	340,100	19.8	23.7	1,435,301	1,350,409	1,056
1945	2,395,553	389,893	19.2	23.3	1,404,587	1,330,869	1,055
1946	2,913,645	375,027	23.0	25.3	1,601,220	1,597,452	1,059
1947	3,274,620	425,320	26.5	28.2	1,809,876	1,800,064	1,055
1948	3,080,316	454,752	23.6	29.5	1,813,852	1,721,216	1,054
1949	3,083,721	475,808	23.2	30.3	1,826,352	1,733,177	1,054

¹ For 1940-46, based on population including armed forces overseas; for 1947-49 based on population excluding armed forces overseas.

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics. Basic figures are published in annual reports as follows: 1920, *Birth Statistics*; 1925-35, *Birth, Stillbirth, and Infant Mortality Statistics*; 1940-49, *Vital Statistics of the United States*.

No. 63.—BIRTHS BY PERSON IN ATTENDANCE: 1935 TO 1949

YEAR	NUMBER ATTENDED BY—			PERCENT ATTENDED BY—		
	Physician in hospital ¹	Physician not in hospital	Midwife, other, and not specified	Physician in hospital ¹	Physician not in hospital	Midwife, other, and not specified
1935.....	795,629	1,080,832	269,644	30.9	50.6	12.5
1940.....	1,310,768	825,271	218,300	55.8	35.0	9.3
1942.....	1,906,833	693,021	208,242	67.9	24.7	7.4
1943.....	2,116,582	615,754	203,524	72.1	21.0	6.9
1944.....	2,112,963	493,403	188,374	75.0	17.7	6.7
1945.....	2,155,594	402,890	176,072	78.8	14.7	6.5
1946.....	2,708,223	402,759	177,090	82.4	12.2	5.4
1947.....	3,130,930	375,407	187,003	84.8	10.1	5.1
1948.....	3,025,206	323,434	186,428	85.6	9.1	5.3
1949.....	3,087,089	280,981	182,468	86.7	8.1	5.1

¹ It is assumed that all births in hospitals or institutions are attended by physicians.

Source: Federal Security Agency, Public Health Service; annual report, *Vital Statistics of the United States*.

No. 64.—BIRTH RATES PER 1,000 FEMALE POPULATION, BY AGE OF MOTHER, FOR BIRTH-REGISTRATION STATES: 1920 TO 1949

[For 1920, 1925, and 1930, excludes Maine as well as States not in registration areas; for 1935-49, includes entire continental U. S. For coverage of registration areas, see table 59. See also *Historical Statistics*, series C 28-35]

AGE OF MOTHER	1920	1925	1930	1935	1940	1945	1947	1948	1949
15-44 years ¹	101.0	90.3	79.3	70.0	73.5	82.2	110.1	104.8	105.2
White.....	100.6	89.6	78.8	68.9	72.3	81.0	109.6	102.8	102.6
Nonwhite.....	107.2	98.9	83.2	78.7	83.1	92.4	114.2	121.5	126.4
10 to 14.....	.3	.4	.5	.5	.6	.7	.8	.9	.9
15 to 19.....	48.5	50.1	49.1	44.7	48.9	48.8	76.7	79.7	81.5
20 to 24.....	151.8	134.7	124.9	114.7	125.0	130.1	200.1	192.8	194.6
25 to 29.....	150.6	131.1	117.3	107.0	114.1	128.4	172.3	160.3	162.9
30 to 34.....	115.5	103.9	87.7	73.5	77.1	94.7	107.5	100.3	99.6
35 to 39.....	78.4	69.3	56.1	45.4	41.8	54.6	57.3	53.3	52.6
40 to 44.....	31.1	27.2	21.8	17.6	13.9	15.5	15.9	15.1	14.8
45 to 49.....	3.8	3.0	2.4	1.9	1.3	1.3	1.2	1.1	1.1

¹ Rates for age group 15 to 44 years computed by relating total births, regardless of age of mother (including age "Not stated" and ages 50 and over), to female population 15 to 44 years. Figures for age "Not stated" have not been distributed among the specified age groups.

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics; *Vital Statistics—Special Reports*, Vol. 36, No. 9.

No. 65.—BIRTHS AND BIRTH RATES PER 1,000 POPULATION, BY STATES: 1940 TO 1949

[By place of residence. See also *Historical Statistics*, series C 24]

STATE	NUMBER OF BIRTHS					RATE PER 1,000 POPULATION ¹				
	1940	1945	1947	1948	1949	1940	1945	1947	1948	1949
United States.....	2,360,399	2,735,456	3,699,940	3,535,068	3,559,529	17.9	19.5	25.8	24.2	24.0
Alabama.....	62,038	70,321	88,116	85,372	84,418	23.2	25.8	20.7	28.6	28.1
Arizona.....	11,503	13,348	19,153	19,106	20,275	22.6	23.8	27.9	27.0	27.9
Arkansas.....	38,473	39,628	48,983	48,036	46,609	10.8	23.5	27.0	26.5	24.0
California.....	112,287	184,380	245,889	240,702	246,199	16.2	21.0	24.1	23.0	23.4
Colorado.....	21,094	23,511	32,874	33,010	32,894	18.6	22.2	27.4	27.5	26.3
Connecticut.....	25,548	33,766	45,681	42,220	40,887	14.9	19.4	23.5	21.3	20.4
Delaware.....	4,551	5,984	7,717	7,254	7,369	17.0	21.5	24.9	22.9	23.1
District of Columbia.....	11,228	16,141	21,686	20,815	19,814	16.6	20.1	23.6	23.7	23.6
Florida.....	33,709	47,701	59,807	59,600	61,743	17.7	22.9	23.5	22.9	23.0
Georgia.....	64,757	74,852	94,944	92,694	93,250	20.8	25.2	28.8	28.3	27.8
Idaho.....	11,789	11,501	16,265	16,132	15,084	22.5	24.6	31.2	29.2	27.9
Illinois.....	124,615	138,705	196,007	184,871	189,313	15.8	18.6	23.7	21.8	21.9
Indiana.....	61,660	68,444	96,350	92,520	94,214	18.0	20.2	25.8	24.2	24.2
Iowa.....	44,854	44,934	63,858	60,575	61,871	17.8	20.4	28.3	24.4	24.3
Kansas.....	28,885	33,624	44,635	42,714	43,781	16.2	21.1	28.5	23.8	23.5
Kentucky.....	63,768	60,892	79,987	77,176	76,197	22.5	24.1	28.6	27.3	26.6
Louisiana.....	50,848	57,838	74,630	73,312	75,487	21.5	24.9	28.8	28.2	28.7
Maine.....	15,222	16,687	23,873	22,071	21,639	18.0	21.4	28.0	25.1	24.3
Maryland.....	32,365	42,701	56,687	53,423	53,597	17.7	21.4	24.5	23.3	22.9
Massachusetts.....	65,551	77,064	107,791	97,389	95,615	15.1	18.9	23.4	20.6	20.0
Michigan.....	99,021	112,655	161,085	154,730	157,178	18.7	20.7	26.6	25.1	25.1
Minnesota.....	52,015	54,655	75,677	72,780	73,929	19.0	21.7	27.1	25.5	25.4
Mississippi.....	52,732	54,263	66,450	65,303	66,415	24.3	27.6	32.0	31.8	32.0
Missouri.....	61,479	65,669	90,060	85,268	86,302	16.3	19.3	23.7	22.2	21.8
Montana.....	11,566	10,601	15,086	15,035	15,360	20.8	23.1	29.3	28.1	27.3
Nebraska.....	22,029	24,123	32,132	31,176	31,647	18.8	21.0	26.0	25.1	24.6
Nevada.....	2,109	2,851	4,041	3,694	3,673	18.8	23.0	26.4	23.2	23.1
New Hampshire.....	8,320	8,338	13,207	12,423	11,940	16.9	18.8	26.7	24.5	22.8
New Jersey.....	59,814	77,338	104,242	97,580	97,006	14.4	19.6	23.6	21.0	20.4
New Mexico.....	14,792	15,306	20,322	20,519	21,620	27.7	31.0	35.4	34.7	34.2
New York.....	196,088	224,754	323,230	301,906	301,287	14.6	19.1	23.0	21.0	20.4
North Carolina.....	80,465	87,401	112,877	109,430	107,970	22.6	26.1	30.1	28.5	27.4
North Dakota.....	13,135	13,147	17,004	16,584	16,846	20.6	25.2	30.9	29.5	28.9
Ohio.....	114,003	132,490	197,311	186,353	189,428	10.6	19.4	25.4	23.4	23.7
Oklahoma.....	44,887	43,165	53,684	50,386	49,702	19.5	22.0	25.0	23.8	23.4
Oregon.....	17,023	24,140	36,294	35,206	35,316	16.0	18.8	24.6	23.8	23.7
Pennsylvania.....	165,466	173,799	248,513	227,227	224,581	16.7	19.3	24.8	22.2	21.6
Rhode Island.....	10,830	13,635	18,636	16,861	16,492	15.3	20.1	24.2	21.5	20.8
South Carolina.....	44,612	49,431	59,470	57,759	58,616	23.6	27.5	30.3	29.3	29.2
South Dakota.....	12,064	12,460	16,599	16,405	17,211	18.9	24.1	29.0	27.8	27.8
Tennessee.....	55,242	64,966	86,619	82,127	82,854	18.8	22.9	27.2	25.4	25.4
Texas.....	127,072	157,915	198,662	197,750	202,297	19.9	24.8	27.1	26.1	26.4
Utah.....	13,347	15,080	21,724	20,714	21,164	24.2	26.7	33.3	31.2	31.3
Vermont.....	6,942	6,873	9,708	9,369	9,297	19.4	21.3	27.4	26.2	25.8
Virginia.....	57,014	67,068	85,740	82,067	82,960	24.3	24.0	26.8	25.2	25.2
Washington.....	28,159	44,573	55,481	55,833	55,642	16.3	20.8	25.7	24.0	23.8
West Virginia.....	42,289	39,039	55,085	52,396	52,586	22.2	22.9	29.0	27.4	27.1
Wisconsin.....	54,891	61,437	84,059	81,630	82,949	17.6	21.0	26.1	25.0	24.9
Wyoming.....	5,139	5,481	7,320	7,418	7,490	21.1	23.6	28.4	27.6	27.1

¹ For 1940 and 1945, rates for the United States based on population including armed forces overseas; rates for States based on civilian population in area. United States rates on civilian population base were: 17.9 (1940); 21.4 (1945). For 1947-49, rates for the United States and States based on total population present in area (excluding armed forces overseas).

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics; *Vital Statistics—Special Reports*, Vol. 36, No. 1.

NO. 66.—BIRTHS BY RACE, FOR URBAN AND RURAL AREAS, BY STATES: 1949

[By place of residence. For total births by States, see table 65]

STATE	TOTAL		URBAN ¹			RURAL ¹		
	White	Non-white	All races	White	Non-white	All races	White	Non-white
United States.....	3,083,721	475,808	2,093,317	1,827,084	266,233	1,466,212	1,256,637	209,575
Alabama.....	52,213	32,205	31,726	19,655	12,070	62,693	32,558	20,135
Arizona.....	17,820	2,756	11,765	11,055	710	8,510	6,465	2,045
Arkansas.....	34,215	11,394	14,747	11,605	3,242	30,862	22,710	8,152
California.....	224,785	20,414	166,767	150,297	16,470	78,432	74,488	3,944
Colorado.....	32,137	757	20,149	19,520	629	12,745	12,617	128
Connecticut.....	39,595	1,292	27,123	25,937	1,186	13,704	13,058	105
Delaware.....	6,103	1,266	3,650	3,286	373	3,410	2,817	593
Dist. of Columbia.....	11,024	8,190	19,814	11,624	8,190			
Florida.....	44,498	17,247	35,875	25,679	10,196	25,868	18,817	7,051
Georgia.....	58,518	34,741	37,704	24,248	13,456	55,555	34,270	21,285
Iaho.....	15,732	232	7,015	6,944	71	8,969	8,808	161
Illinois.....	170,376	18,937	142,064	123,818	18,246	47,249	40,558	691
Indiana.....	89,231	4,983	56,620	51,785	4,835	37,594	37,440	148
Iowa.....	61,308	503	20,078	20,441	537	31,893	31,867	26
Kansas.....	41,874	1,907	23,902	22,281	1,711	19,789	19,593	196
Kentucky.....	71,218	4,970	25,601	22,441	3,160	50,596	48,777	1,819
Louisiana.....	45,312	30,175	38,750	24,489	14,261	36,737	20,823	15,914
Maine.....	21,904	35	8,462	8,442	20	13,477	13,462	15
Maryland.....	41,849	11,748	28,974	21,046	7,929	24,623	20,804	2,819
Massachusetts.....	98,556	2,050	84,127	82,104	1,993	11,488	11,401	87
Michigan.....	144,062	13,126	104,138	91,712	12,426	53,040	52,840	700
Minnesota.....	73,119	810	41,756	41,414	342	32,173	31,705	468
Mississippi.....	20,097	37,318	16,706	9,237	7,469	49,709	19,860	29,840
Missouri.....	77,288	8,014	49,602	42,923	6,674	35,700	34,360	1,340
Montana.....	14,556	510	7,634	7,545	89	7,732	7,011	721
Nebraska.....	30,873	674	15,011	14,461	550	16,536	16,412	124
Nevada.....	3,384	289	1,885	1,763	122	1,788	1,621	167
New Hampshire.....	11,920	20	6,798	6,786	12	5,142	5,134	8
New Jersey.....	88,398	9,213	76,279	68,465	7,814	21,327	19,928	1,399
New Mexico.....	20,118	1,502	10,032	9,760	268	11,588	10,349	1,239
New York.....	274,783	20,504	238,482	212,949	25,533	62,805	61,834	971
North Carolina.....	72,415	35,556	34,173	24,221	9,952	73,797	48,194	25,603
North Dakota.....	16,475	371	4,842	4,812	30	12,004	11,663	341
Ohio.....	175,061	14,867	130,378	117,090	13,278	59,050	58,061	989
Oklahoma.....	44,114	5,588	25,141	22,412	2,729	24,561	21,702	2,859
Oregon.....	34,601	715	19,307	18,816	491	16,099	15,785	224
Pennsylvania.....	207,720	16,861	150,647	134,827	15,820	73,934	72,893	1,041
Rhode Island.....	16,070	422	14,572	14,187	385	1,020	1,883	37
South Carolina.....	31,049	20,867	10,201	13,214	5,987	39,315	18,435	20,880
South Dakota.....	16,480	726	5,703	5,624	79	11,598	10,862	646
Tennessee.....	67,573	15,281	33,609	24,768	8,841	49,245	42,805	6,440
Texas.....	175,709	20,588	126,219	110,119	16,100	76,078	65,590	10,488
Utah.....	20,888	276	12,806	12,232	134	8,798	8,656	142
Vermont.....	9,293	4	3,489	3,467	2	5,808	5,806	2
Virginia.....	61,851	21,600	31,594	23,334	8,260	51,366	38,017	13,349
Washington.....	54,031	1,911	34,143	32,835	1,308	22,399	21,796	603
West Virginia.....	49,584	2,902	16,121	15,259	862	36,465	34,425	2,040
Wisconsin.....	81,513	1,436	44,689	43,706	983	38,280	37,807	463
Wyoming.....	7,310	180	3,589	3,545	43	3,901	3,764	137

¹ "Urban" includes urban places having populations of 2,500 or more, according to 1940 population census; "rural" includes all other areas.

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics; *Vital Statistics—Special Reports*, Vol. 36, No. 4.

No. 67.—BIRTHS BY PERSON IN ATTENDANCE, BY STATES: 1949

[By place of residence. For total births by States, see table 65]

STATE	NUMBER ATTENDED BY—				PERCENT ATTENDED BY—			
	Physician (in hos- pital) ¹	Physician (not in hospital)	Midwife	Other and not specified	Physician (in hos- pital) ¹	Physician (not in hospital)	Midwife	Other and not specified
United States.....	3,087,080	289,981	168,166	14,302	86.7	8.1	4.7	0.4
Alabama.....	49,301	15,926	18,673	518	58.4	18.9	22.1	.6
Arizona.....	18,505	788	659	323	91.3	3.0		1.6
Arkansas.....	28,917	9,547	6,829	316	63.4	20.0	15.0	.7
California.....	240,774	3,437	345	643	98.2	1.4	.1	.3
Colorado.....	30,754	1,825	160	155	93.5	5.5	.5	.5
Connecticut.....	40,623	247	12	5	90.4	.6	(2)	(2)
Delaware.....	6,648	280	414	27	90.2	3.8	5.6	.4
District of Columbia.....	19,474	332	7	1	98.3	1.7	(2)	(2)
Florida.....	47,698	4,982	8,841	222	77.3	8.1	14.3	.4
Georgia.....	62,651	10,120	10,029	1,450	67.2	10.9	20.4	1.6
Idaho.....	15,624	300	15	45	97.7	1.0	.1	.3
Illinois.....	179,496	9,545	84	188	94.8	5.0	(2)	.1
Indiana.....	86,389	7,105	92	628	91.7	7.5	.1	.7
Iowa.....	59,457	2,363	22	29	96.1	3.8	(2)	(2)
Kansas.....	41,596	2,139	19	27	95.0	4.9	(3)	.1
Kentucky.....	47,422	23,322	4,070	783	62.2	30.6	6.1	1.0
Louisiana.....	60,620	4,767	10,037	63	80.3	6.3	13.3	.1
Maine.....	20,004	1,919	6	10	91.2	8.7	(2)	(2)
Maryland.....	45,862	5,693	1,971	71	85.6	10.6	3.7	.1
Massachusetts.....	94,460	1,139	1	15	98.8	1.2	(2)	(2)
Michigan.....	151,223	5,693	120	142	96.2	3.6	.1	.1
Minnesota.....	72,058	1,693	112	66	97.5	2.3	.2	.1
Mississippi.....	29,464	12,829	23,327	795	44.4	19.3	35.1	1.2
Missouri.....	71,549	12,275	1,101	377	83.9	14.4	1.8	.4
Montana.....	14,893	401	43	29	96.9	2.6	.3	.2
Nebraska.....	30,302	1,202	6	37	96.1	3.8	(2)	.1
Nevada.....	3,587	54	8	24	97.7	1.5	.2	.7
New Hampshire.....	11,754	181	2	3	98.4	1.5	(2)	(2)
New Jersey.....	94,993	2,200	316	97	97.3	2.3	.3	.1
New Mexico.....	15,142	3,327	2,530	621	70.0	15.4	11.7	2.9
New York.....	295,656	5,036	250	345	98.1	1.7	.1	.1
North Carolina.....	73,546	20,404	13,797	223	68.1	18.9	12.8	.2
North Dakota.....	16,049	705	46	46	95.3	4.2	.3	.3
Ohio.....	178,888	10,260	78	202	94.4	5.4	(2)	.1
Oklahoma.....	41,949	6,336	1,070	347	84.4	12.7	2.2	.7
Oregon.....	34,686	534	22	74	98.2	1.5	.1	.2
Pennsylvania.....	208,063	16,274	124	120	92.6	7.2	.1	.1
Rhode Island.....	16,268	213	4	7	98.6	1.3	(2)	(2)
South Carolina.....	31,726	10,103	16,536	151	54.2	17.3	28.3	.3
South Dakota.....	16,557	508	67	79	96.2	3.0	.4	.6
Tennessee.....	59,153	16,712	4,862	2,127	71.4	20.2	5.9	2.6
Texas.....	167,384	22,873	19,091	2,049	77.8	11.3	9.9	1.0
Utah.....	20,757	346	29	32	98.1	1.6	.1	.2
Vermont.....	8,553	738	2	4	92.0	7.9	(2)	(2)
Virginia.....	58,988	13,194	10,507	271	71.1	15.9	12.7	.3
Washington.....	55,990	499	19	64	99.0	.9	(2)	.1
West Virginia.....	33,898	17,066	1,246	376	64.5	32.5	2.4	.7
Wisconsin.....	80,533	2,310	50	56	97.1	2.8	.1	.1
Wyoming.....	7,226	239	15	10	96.6	3.2	.2	.1

¹ It is assumed that all births in hospitals or institutions are attended by physicians.² Less than 0.05 percent.Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics; *Vital Statistics—Special Reports*, Vol. 36, No. 5.

NO. 68.—BIRTHS AND DEATHS, BY PLACE OF OCCURRENCE AND BY PLACE OF RESIDENCE, FOR EACH CITY HAVING IN 1940, A POPULATION OF 100,000 OR MORE: 1949

[Differences between births (or deaths) by place of occurrence and by place of residence may be illustrated as follows: Total number of births occurring in Akron (including births to mothers whose usual residence was elsewhere) was 9,353, whereas total number of births to mothers whose usual residence was in Akron (including births occurring elsewhere) was 7,307.]

CITY	BIRTHS		DEATHS		CITY	BIRTHS		DEATHS	
	Place of occurrence	Place of residence	Place of occurrence	Place of residence		Place of occurrence	Place of residence	Place of occurrence	Place of residence
Akron.....	9,353	7,307	2,405	2,313	Minneapolis.....	17,777	13,587	5,025	5,301
Albany.....	4,543	2,948	2,030	1,928	Nashville.....	7,228	6,368	2,568	2,226
Atlanta.....	14,667	8,604	4,230	4,016	Newark, N. J.....	13,535	9,380	5,005	4,084
Baltimore.....	28,689	21,831	11,320	10,852	New Bedford.....	2,040	2,146	1,216	1,325
Birmingham.....	11,012	8,359	3,430	3,167	New Haven.....	5,980	3,304	2,201	1,848
Boston.....	19,036	15,707	11,099	9,621	New Orleans.....	21,508	14,870	7,650	6,156
Bridgeport.....	4,946	3,403	1,681	1,602	New York.....	150,900	152,268	78,586	81,527
Buffalo.....	17,469	12,463	7,193	6,667	Norfolk.....	5,780	5,051	2,031	2,016
Cambridge.....	3,791	2,747	1,625	1,311	Oakland.....	14,116	8,862	4,704	4,256
Camden.....	5,734	2,831	1,687	1,396	Oklahoma City.....	7,027	5,643	2,403	1,039
Canton.....	5,035	3,443	1,318	1,205	Omaha.....	7,605	6,040	2,042	2,536
Charlotte.....	5,680	3,649	1,328	1,006	Paterson.....	5,474	2,708	1,764	1,666
Chattanooga.....	5,703	4,060	1,816	1,518	Peoria.....	5,160	2,437	1,424	1,224
Chicago.....	78,565	70,136	37,782	41,418	Philadelphia.....	46,893	42,344	24,576	23,889
Cincinnati.....	16,825	11,972	7,230	6,373	Pittsburgh.....	23,600	18,421	8,560	8,115
Cleveland.....	26,918	22,525	10,509	10,084	Portland.....	12,386	9,891	4,613	4,547
Columbus.....	13,716	9,283	4,807	3,880	Providence.....	10,161	5,188	3,057	2,828
Dallas.....	14,731	10,815	3,075	3,374	Reading.....	1,767	2,061	1,138	1,387
Dayton.....	11,836	9,109	2,029	2,765	Richmond.....	8,761	5,280	3,266	2,791
Denver.....	13,892	10,143	4,684	4,207	Rochester.....	11,091	7,445	4,261	3,865
Des Moines.....	6,109	4,618	2,231	1,812	Sacramento.....	6,986	3,195	2,240	1,850
Detroit.....	50,366	44,063	14,962	16,635	St. Louis.....	26,172	19,686	11,377	10,534
Duluth.....	3,231	2,384	1,209	1,155	St. Paul.....	10,348	8,231	3,574	3,263
Elizabeth.....	3,733	2,383	1,275	1,143	Salt Lake City.....	8,041	5,484	1,927	1,542
Erie.....	4,767	3,502	1,424	1,386	San Antonio.....	14,843	13,743	3,988	3,851
Fall River.....	3,110	2,321	1,511	1,360	San Diego.....	19,425	8,689	3,152	2,981
F Flint.....	7,066	4,280	1,616	1,416	San Francisco.....	19,226	16,221	9,742	9,559
Fort Wayne.....	5,064	3,583	1,534	1,356	Seranton.....	3,990	2,536	1,780	1,639
Fort Worth.....	8,438	6,988	2,571	2,422	Seattle.....	14,843	13,608	5,600	5,721
Gary.....	5,226	4,207	1,223	1,186	Somerville.....	1,405	2,209	846	1,094
Grand Rapids.....	6,311	4,903	1,875	1,958	South Bend.....	4,235	3,140	1,156	1,048
Hartford.....	8,081	5,034	2,147	1,768	Spokane.....	5,974	4,066	2,168	1,941
Houston.....	18,611	17,327	5,162	4,871	Springfield, Mass.....	5,213	4,040	1,922	1,826
Indianapolis.....	12,643	11,382	5,042	5,170	Syracuse.....	7,929	4,731	2,032	2,566
Jacksonville.....	7,009	6,056	2,407	2,324	Tacoma.....	4,625	3,720	1,846	1,597
Jersey City.....	10,450	6,578	3,618	3,386	Tampa.....	3,979	3,012	1,907	1,659
Kansas City, Kans.....	4,180	3,626	1,679	1,385	Toledo.....	10,753	8,196	4,059	3,605
Kansas City, Mo.....	13,276	9,972	5,562	5,346	Trenton.....	4,882	2,516	1,952	1,449
Knoxville.....	5,473	3,104	1,623	1,229	Tulsa.....	5,930	4,385	1,778	1,674
Long Beach.....	7,260	5,581	2,105	2,551	Utien.....	3,432	2,109	1,579	1,291
Los Angeles.....	38,351	41,377	21,273	21,070	Washington, D. C.....	27,672	19,814	8,082	8,448
Louisville.....	13,190	10,087	4,663	4,355	Wichita.....	5,668	5,071	1,638	1,558
Lowell.....	3,019	2,237	1,356	1,273	Wilmington.....	5,213	2,940	1,563	1,396
Memphis.....	12,533	9,355	4,303	3,590	Worcester.....	5,703	4,142	2,616	2,241
Miami.....	5,871	5,308	2,464	2,450	Yonkers.....	3,054	2,868	1,366	1,487
Milwaukee.....	10,613	14,814	5,647	6,356	Youngstown.....	6,295	4,468	2,118	1,862

¹ Represents 5 boroughs.

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics; annual report, *Vital Statistics of the United States*.

No. 69.—BIRTHS AND DEATHS IN ALASKA, 1945 TO 1949, AND IN HAWAII, PUERTO RICO, AND THE VIRGIN ISLANDS, 1940 TO 1949

TERRITORY OR POSSESSION AND YEAR	BIRTHS		DEATHS		DEATHS UNDER 1 YEAR	
	Number	Rate per 1,000 population ¹	Number	Rate per 1,000 population ²	Number	Rate per 1,000 live births
Alaska:						
1945.....	1,829	23.4	1,213	8.8	138	75.5
1946.....	2,271	26.7	1,227	11.9	161	70.9
1947.....	2,701	23.1	1,165	10.0	172	63.7
1948.....	3,079	24.6	1,197	9.6	145	47.1
1949.....	3,527	26.3	1,132	8.8	168	47.6
Hawaii:						
1940.....	9,414	23.7	3,089	7.2	421	44.7
1945.....	12,305	26.8	3,396	4.2	336	27.3
1946.....	12,808	27.4	3,229	6.1	385	30.1
1947.....	14,592	27.6	3,219	6.1	452	31.0
1948.....	14,463	28.0	3,104	6.0	414	28.6
1949.....	14,150	27.7	3,020	5.9	353	25.3
Puerto Rico:						
1940.....			34,468	18.4	8,221	
1945.....	30,680	42.5	28,837	13.9	8,064	93.0
1946.....	33,421	42.5	27,517	13.1	7,397	83.7
1947.....	91,305	42.7	25,407	11.9	6,527	71.5
1948.....	87,800	40.4	20,209	12.1	6,876	78.3
1949.....	85,625	39.0	23,389	10.7	5,797	67.7
Virgin Islands:						
1940.....	756	30.4	553	22.1	103	136.2
1945.....	984	37.4	401	15.0	122	124.0
1946.....	917	34.0	408	15.1	84	91.6
1947.....	876	32.2	394	14.5	78	89.0
1948.....	826	30.7	340	12.6	73	88.4
1949.....	886	33.2	362	13.6	80	90.3

¹ For 1940, 1945, and 1946, based on civilian population in area; for 1947-49, based on total population present in area.

² Based on total population present in area.

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics; basic figures published in annual report, *Vital Statistics of the United States*.

No. 70.—DEATH RATES PER 1,000 POPULATION, BY RACE AND SEX: DEATH-REGISTRATION STATES, 1900 TO 1950

[For coverage of registration areas, see table 59, p. 59. See also *Historical Statistics*, series C 45-51]

YEAR	TOTAL			WHITE			NONWHITE		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
1900.....	17.2	17.9	16.5	17.0	17.7	16.3	25.0	25.7	24.4
1905.....	15.9	16.7	15.0	15.7	16.5	14.8	25.5	26.3	24.3
1910.....	14.7	15.6	13.7	14.5	15.4	13.6	21.7	22.3	21.0
1915.....	13.2	14.0	12.3	12.9	13.7	12.0	20.2	20.8	19.5
1920.....	13.0	13.4	12.6	12.6	13.0	12.1	17.7	17.8	17.5
1925.....	11.7	12.4	10.9	11.1	11.8	10.4	17.4	18.2	16.0
1930.....	11.3	12.3	10.4	10.8	11.7	9.8	16.3	17.4	15.3
1935.....	10.9	12.0	9.9	10.6	11.6	9.5	14.3	15.6	13.0
1940.....	10.7	12.0	9.5	10.4	11.6	9.2	13.8	15.1	12.5
1945.....	10.6	12.7	8.8	10.4	12.5	8.6	12.0	13.9	10.4
1946.....	10.0	11.4	8.6	9.8	11.3	8.5	11.1	12.3	9.9
1947.....	10.1	11.5	8.7	9.9	11.4	8.5	11.3	12.5	10.2
1948.....	9.9	11.3	8.5	9.7	11.2	8.3	11.3	12.6	10.0
1949.....	9.7	11.1	8.3	9.5	11.0	8.1	11.1	12.4	9.9
1950.....	9.6	11.0	8.2	9.5	10.9	8.1	10.9	12.3	9.5

¹ Based on population excluding armed forces overseas. ² Estimated.

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics. 1900-49, annual report, *Vital Statistics of the United States*; 1950, *Current Mortality Analysis*, Vol. 8, No. 13.

No. 71.—DEATH RATES PER 1,000 POPULATION, BY AGE: DEATH-REGISTRATION STATES, 1900 TO 1950

[For coverage of registration areas, see table 50, p. 59. See also *Historical Statistics*, series C 52 and C 65-70]

AGE	1900	1910	1920	1930	1940 ¹	1945 ¹	1947 ¹	1948 ¹	1949 ¹	1950 ^{1,2}
Total ³ (unadjusted)	17.2	14.7	13.0	11.3	10.7	10.6	10.1	9.9	9.7	9.6
Adjusted for age ⁴	17.8	15.8	14.2	12.6	10.7	9.6	9.1	9.0	8.8	(⁵)
Under 1 year.....	162.4	131.8	92.8	69.0	64.8	41.7	33.8	35.0	34.1	31.8
1-4 years.....	19.8	14.0	9.9	5.6	2.9	2.0	1.6	1.6	1.5	1.5
5-14 years.....	3.9	2.9	2.6	1.7	1.0	.9	.7	.7	.6	.8
15-24 years.....	5.9	4.5	4.9	3.8	2.0	1.9	1.5	1.4	1.3	1.3
25-34 years.....	8.2	6.5	6.8	4.7	3.1	2.7	2.1	2.0	1.9	1.8
35-44 years.....	10.2	9.0	8.1	6.8	5.2	4.0	4.1	4.0	3.8	3.7
45-54 years.....	15.0	13.7	12.2	12.2	10.6	9.7	9.3	9.0	8.7	8.4
55-64 years.....	27.2	26.2	23.6	24.0	22.0	20.3	19.8	19.4	18.9	18.6
65-74 years.....	50.4	55.6	52.5	51.4	48.2	44.5	44.6	44.0	43.5	43.2
75-84 years.....	123.3	122.2	118.9	112.7	110.0	99.5	98.1	96.3	94.5	95.9
85 years and over.....	200.9	250.3	248.9	228.0	230.1	222.5	243.1	247.1	242.0	242.9

¹ Based on population excluding armed forces overseas.

² Estimated. Based on a 10-percent sample of death certificates received in State vital statistics offices.

³ Includes deaths for which age was not stated.

⁴ Adjusted for age by the direct method using as the standard population the age distribution of the population of the United States as enumerated in 1940.

⁵ Not available.

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics. 1900-49, annual report, *Vital Statistics of the United States*; 1950, *Current Mortality Analysis*, Vol. 8, No. 13.

No. 72.—MATERNAL DEATHS, INFANT DEATHS (UNDER 1 YEAR OF AGE) AND FETAL DEATHS, FOR BIRTH-REGISTRATION STATES: 1915 TO 1950

[For coverage of registration area, see table 59, p. 59. See also *Historical Statistics*, series C 38-30 and C 42]

YEAR	MATERNAL DEATHS ¹		DEATHS UNDER 1 YEAR		FETAL DEATHS ²	
	Number	Rate per 10,000 live births	Number	Rate per 1,000 live births	Number	Ratio per 1,000 live births
1915.....	4,719	60.8	77,572	99.9	—	—
1920.....	12,058	76.0	129,531	85.8	—	—
1925.....	12,188	64.7	134,652	71.7	—	—
1930.....	14,836	67.3	142,413	64.6	—	—
1935.....	12,544	58.2	120,138	55.7	—	—
1940.....	8,876	37.6	110,984	47.0	—	—
1945.....	5,668	20.7	104,684	38.3	65,513	23.9
1946.....	5,163	15.7	111,063	33.8	74,849	22.8
1947.....	4,978	13.5	119,773	32.2	77,917	21.1
1948.....	4,122	11.7	113,160	32.0	72,788	20.6
1949.....	3,216	9.0	111,531	31.3	70,584	19.8
1950.....	³ 2,567	⁴ 7.2	⁴ 103,700	⁴ 20.2	—	—

¹ Deaths from deliveries and complications of pregnancy, childbirth, and the puerperium. Deaths for 1949 and 1950 were classified according to sixth revision of *International Lists of Diseases and Causes of Death*; deaths for 1930-48 classified according to fifth revision. For 1949 and 1950, 9 percent fewer deaths were assigned to maternal causes under sixth revision than under fifth revision.

² Includes only fetal deaths (stillbirths) for which period of gestation was 20 weeks (or 5 months) or more, or was not stated.

³ Estimated. Based on a 10-percent sample of death certificates received in State vital statistics offices.

⁴ Estimated.

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics. 1915-49, annual report, *Vital Statistics of the United States*; 1950, *Current Mortality Analysis*, Vol. 8, No. 13.

No. 73.—DEATHS AND DEATH RATES PER 1,000 POPULATION, BY AGE, RACE, AND SEX: 1949 AND 1950

[See also *Historical Statistics*, series C 45-51]

AGE	TOTAL			WHITE			NONWHITE		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
1949									
NUMBER OF DEATHS									
Total ¹	1,443,607	821,291	622,316	1,268,848	726,169	542,679	174,769	95,122	79,637
Under 1 year.....	111,531	64,161	47,370	89,007	51,530	37,477	22,524	12,631	9,893
1-4 years.....	18,687	10,362	8,325	15,004	8,355	6,649	3,683	2,007	1,676
5-14 years.....	15,717	9,543	6,174	13,003	7,985	5,018	2,714	1,558	1,180
15-24 years.....	20,483	13,803	10,680	22,450	16,028	7,431	7,024	3,775	3,249
25-34 years.....	43,303	26,187	18,116	32,208	19,366	12,842	11,095	5,821	5,274
35-44 years.....	78,401	46,207	32,194	60,263	36,051	23,317	18,133	9,346	8,787
45-54 years.....	150,210	93,373	56,837	121,752	77,836	43,916	28,458	15,637	12,921
55-64 years.....	253,394	159,569	93,825	222,568	142,327	80,241	30,826	17,242	13,684
65-74 years.....	334,192	192,063	142,129	305,837	176,402	129,435	28,355	16,661	12,694
75-84 years.....	295,621	152,189	143,432	280,133	143,730	136,403	15,488	8,450	7,029
85 years and over.....	111,680	48,802	62,778	105,603	46,000	59,603	5,977	2,802	3,175
RATE PER 1,000 POPULATION ²									
Total ¹	9.7	11.1	8.3	9.5	11.0	8.1	11.1	12.4	9.9
Under 1 year.....	34.1	38.4	29.6	30.7	34.7	26.5	60.5	67.9	53.5
1-4 years.....	1.6	1.6	1.4	1.4	1.5	1.2	2.4	2.6	2.2
5-14 years.....	.6	.8	.5	.6	.7	.5	.8	1.0	.7
15-24 years.....	1.3	1.7	.9	1.1	1.5	.8	2.6	2.9	2.4
25-34 years.....	1.9	2.2	1.5	1.5	1.9	1.2	4.5	5.0	4.0
35-44 years.....	3.8	4.6	3.0	3.2	4.0	2.5	8.8	9.7	8.1
45-54 years.....	8.7	10.9	6.5	7.8	10.0	5.6	17.7	20.1	15.5
55-64 years.....	18.9	23.0	14.0	17.9	23.0	12.9	31.6	35.0	28.1
65-74 years.....	43.5	51.7	35.8	42.6	51.0	34.7	56.8	60.7	52.7
75-84 years.....	94.5	106.3	84.6	96.0	107.9	86.0	74.5	84.6	65.1
85 years and over.....	242.0	246.5	238.7	263.3	264.4	262.6	99.6	116.8	88.2
1950 ³									
NUMBER OF DEATHS									
Total ¹	1,456,000	829,031	626,969	1,280,260	732,132	548,128	175,740	96,899	78,841
Under 1 year.....	103,700	59,482	44,218	81,807	47,339	34,468	21,898	12,143	9,750
1-4 years.....	32,677	18,728	13,949	26,287	15,147	11,140	6,390	3,581	2,809
5-14 years.....	27,066	17,953	10,013	21,542	14,550	6,992	6,424	3,403	3,021
15-24 years.....	41,638	24,786	16,752	31,122	19,182	11,940	10,416	5,604	4,812
25-34 years.....	77,769	46,153	31,616	59,702	36,738	22,964	18,007	9,415	8,652
35-44 years.....	147,615	92,405	55,210	120,084	76,713	43,371	27,531	15,692	11,839
45-54 years.....	254,280	150,897	93,383	222,722	143,019	79,703	31,558	17,878	13,680
55-64 years.....	341,261	196,908	144,263	311,317	180,160	131,157	29,944	16,838	13,106
65-74 years.....	309,890	158,854	151,006	293,332	149,800	143,532	16,558	9,084	7,474
75-84 years.....	117,081	51,262	65,819	110,702	48,364	62,338	6,379	2,898	3,481
RATE PER 1,000 POPULATION ²									
Total ¹	9.6	11.0	8.2	9.5	10.9	8.1	10.9	12.3	9.5
Under 1 year.....	31.8	35.8	27.7	28.9	32.7	24.9	51.6	57.0	46.2
1-4 years.....	.8	1.0	.7	.8	.9	.7	1.3	1.4	1.1
5-14 years.....	1.3	1.6	.9	1.1	1.5	.7	2.4	2.6	2.2
15-24 years.....	1.8	2.2	1.4	1.5	1.9	1.1	4.1	4.7	3.6
25-34 years.....	3.7	4.5	2.9	3.2	3.9	2.4	8.7	9.7	7.9
35-44 years.....	8.4	10.7	6.2	7.6	9.8	5.4	16.8	20.0	13.9
45-54 years.....	18.6	23.8	13.6	17.6	22.8	12.5	31.6	35.8	27.3
55-64 years.....	43.3	51.8	35.3	42.2	50.9	34.2	58.9	64.3	53.3
65-74 years.....	95.9	108.2	85.5	97.1	109.7	86.8	77.4	89.1	66.7
75-84 years.....	242.9	247.6	239.3	265.5	267.2	264.1	98.1	111.5	89.3

¹ Includes deaths for which age was not stated.² Based on population excluding armed forces overseas.³ Estimated; based on a 10 percent sample of death certificates received in State vital statistics offices.Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics. 1949, annual report, *Vital Statistics of the United States*; 1950, *Current Mortality Analysis*, Vol. 8, No. 13.

No. 74.—DEATHS AND DEATH RATES PER 1,000 POPULATION, BY STATES: 1940 TO 1949

[By place of residence. See also *Historical Statistics*, series C 45]

STATE	NUMBER OF DEATHS					RATE PER 1,000 POPULATION ¹				
	1940	1945	1947	1948	1949	1940	1945	1947	1948	1949
United States.....	1,417,269	1,401,719	1,445,370	1,444,337	1,443,607	10.7	10.6	10.1	9.9	9.7
Alabama.....	29,554	25,513	26,347	26,620	26,750	10.4	9.1	8.9	8.0	8.9
Arizona.....	5,556	6,091	6,032	6,588	6,397	10.9	10.1	8.8	9.3	8.8
Arkansas.....	17,247	14,703	15,095	15,224	15,680	8.0	8.4	8.3	8.4	8.5
California.....	79,742	92,569	96,097	98,905	100,364	11.4	9.8	9.5	9.4	9.6
Colorado.....	12,291	12,389	12,613	12,582	12,415	10.8	11.1	10.5	10.5	9.9
Connecticut.....	18,070	18,833	19,153	19,569	18,820	10.5	10.7	9.9	9.9	9.4
Delaware.....	3,285	3,274	3,345	3,407	3,330	12.3	11.4	10.8	10.7	10.4
District of Columbia.....	8,081	8,432	8,254	8,197	8,448	11.8	9.8	9.0	9.3	10.1
Florida.....	21,614	22,776	24,283	24,787	25,376	11.2	9.4	9.6	9.5	9.5
Georgia.....	32,485	28,559	28,946	29,626	29,608	10.4	9.0	8.8	9.0	8.8
Idaho.....	4,924	4,602	4,780	4,906	4,701	9.4	9.0	9.2	8.9	8.2
Illinois.....	89,099	90,116	93,086	91,328	92,668	11.3	11.8	11.3	10.8	10.7
Indiana.....	40,555	39,556	40,567	39,544	40,026	11.8	11.5	10.9	10.4	10.3
Iowa.....	26,297	25,376	26,434	26,064	26,106	10.4	11.6	10.9	10.5	10.2
Kansas.....	18,589	18,507	18,700	18,553	18,814	10.4	11.0	10.7	10.3	10.1
Kentucky.....	29,987	27,590	28,371	28,050	28,046	10.5	10.7	10.1	9.9	9.8
Louisiana.....	25,542	22,125	23,395	23,561	23,400	10.8	9.1	9.0	9.1	8.9
Maine.....	10,681	9,985	9,959	9,958	10,099	12.5	12.6	11.7	11.3	11.2
Maryland.....	22,026	22,584	22,480	22,440	22,110	12.0	10.7	9.7	9.8	9.5
Massachusetts.....	51,122	51,133	51,754	52,611	50,767	11.8	12.3	11.2	11.1	10.6
Michigan.....	52,183	53,960	57,137	59,788	57,422	9.9	9.8	9.4	9.2	9.2
Minnesota.....	26,354	26,763	27,781	27,400	27,719	9.6	10.6	10.0	9.6	9.5
Mississippi.....	23,205	19,365	20,212	20,298	20,661	10.7	9.4	9.7	9.9	10.0
Missouri.....	43,777	42,002	44,572	42,762	43,825	11.6	12.2	11.7	11.2	11.2
Montana.....	5,765	5,414	5,760	5,884	5,878	10.4	11.7	11.2	11.0	10.5
Nebraska.....	12,670	12,500	12,871	12,615	12,644	9.7	10.5	10.4	10.1	9.8
Nevada.....	1,402	1,588	1,023	1,624	1,610	12.5	10.7	10.6	10.2	10.1
New Hampshire.....	6,236	5,816	6,194	6,172	6,109	12.6	12.9	12.5	12.1	11.7
New Jersey.....	45,772	47,825	48,181	48,070	47,880	11.0	11.8	10.7	10.3	10.0
New Mexico.....	5,484	5,520	5,471	5,009	5,576	10.3	10.2	9.5	9.5	8.8
New York.....	149,816	153,654	157,734	158,242	156,029	11.1	12.3	11.2	11.0	10.5
North Carolina.....	31,904	28,897	30,187	30,101	31,009	8.9	8.2	8.1	7.9	7.9
North Dakota.....	5,257	5,109	5,252	5,140	5,222	8.3	9.8	9.5	9.2	9.0
Ohio.....	78,949	78,835	82,254	80,891	80,368	11.4	11.5	10.6	10.2	10.1
Oklahoma.....	20,885	18,021	19,327	19,079	19,394	9.0	9.2	9.0	9.0	9.1
Oregon.....	12,180	13,022	13,501	14,080	13,891	11.1	10.1	9.2	9.5	9.3
Pennsylvania.....	111,977	109,193	110,459	109,202	108,363	11.3	12.1	11.0	10.7	10.4
Rhode Island.....	8,010	7,985	8,368	8,071	8,188	11.2	10.8	10.9	10.4	10.2
South Carolina.....	20,280	16,904	17,230	17,957	17,494	10.7	8.9	8.8	9.1	8.7
South Dakota.....	5,700	5,481	5,730	5,806	5,687	8.9	10.0	10.0	9.8	9.2
Tennessee.....	29,333	27,946	28,591	28,826	28,993	10.0	9.7	9.0	8.9	8.9
Texas.....	62,035	58,853	62,062	64,245	63,337	9.8	8.6	8.5	8.5	8.3
Utah.....	4,845	4,859	4,995	5,070	4,929	8.7	7.9	7.7	7.6	7.3
Vermont.....	4,964	4,007	4,378	4,096	4,162	13.0	12.4	12.4	11.4	11.3
Virginia.....	29,741	28,641	29,193	28,976	29,345	10.9	9.3	9.1	8.9	8.9
Washington.....	20,080	21,890	21,979	22,211	22,401	11.5	9.6	9.6	9.5	9.5
West Virginia.....	17,069	16,630	17,218	17,000	17,305	9.3	9.7	9.1	9.2	8.9
Wisconsin.....	31,593	32,093	33,219	32,564	32,993	10.0	10.9	10.3	10.0	9.9
Wyoming.....	2,157	2,234	2,349	2,385	2,385	8.6	9.2	9.1	8.9	8.6

¹ Based on total population present in area (excluding armed forces overseas).Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics; *Vital Statistics—Special Reports*, Vol. 36, No. 8.

DEATHS BY RACE

71

No. 75.—DEATHS BY RACE, FOR URBAN AND RURAL AREAS, BY STATES: 1949

[By place of residence]

STATE	TOTAL			URBAN ¹			RURAL ¹		
	All races	White	Non-white	All races	White	Non-white	All races	White	Non-white
United States	1,443,607	1,268,848	174,759	914,658	806,862	107,796	528,949	461,986	66,963
Alabama.....	26,750	15,395	11,355	10,988	6,112	4,876	15,762	9,283	6,479
Arizona.....	6,397	5,384	1,013	2,883	2,682	201	3,514	2,702	812
Arkansas.....	15,680	11,372	4,308	5,042	4,311	1,631	9,738	7,001	2,677
California.....	100,354	95,098	5,256	73,774	69,684	4,090	26,580	25,414	1,166
Colorado.....	12,415	12,124	291	8,149	7,909	240	4,266	4,215	51
Connecticut.....	18,829	18,267	562	12,793	12,295	498	6,036	5,972	64
Delaware.....	3,330	2,733	597	1,789	1,430	359	1,541	1,204	247
Dist. of Columbia.....	8,448	5,335	3,113	8,448	5,335	3,113			
Florida.....	25,376	18,307	7,069	16,032	11,610	4,413	9,344	6,688	2,656
Georgia.....	20,608	17,414	12,194	14,281	7,951	6,330	15,327	9,463	5,864
Idaho.....	4,701	4,604	97	2,183	2,105	78	2,518	2,439	79
Illinois.....	92,568	84,865	7,703	71,710	64,432	7,278	20,858	20,433	425
Indiana.....	40,026	37,887	2,139	23,594	21,568	2,026	16,432	16,319	113
Iowa.....	26,106	25,837	269	13,239	12,996	243	12,867	12,841	26
Kansas.....	18,814	17,800	1,014	9,741	8,868	873	9,073	8,932	141
Kentucky.....	28,046	24,700	3,346	11,473	9,213	2,260	16,573	15,487	1,086
Louisiana.....	23,400	13,480	9,911	13,046	7,878	5,168	10,354	5,611	4,743
Maine.....	10,099	10,057	42	3,994	3,944	50	6,105	6,113	22
Maryland.....	22,110	17,453	4,657	13,719	10,501	3,218	8,391	6,952	1,439
Massachusetts.....	50,767	49,884	883	45,122	44,281	841	5,645	5,003	642
Michigan.....	57,422	53,365	4,057	37,375	33,656	3,719	20,047	19,709	338
Minnesota.....	27,719	27,385	334	15,616	15,413	203	12,103	11,972	131
Mississippi.....	20,661	9,381	11,280	6,170	3,034	3,136	14,491	6,347	8,144
Missouri.....	43,825	39,536	4,289	25,840	22,238	3,602	17,985	17,208	687
Montana.....	5,878	5,618	260	3,080	3,034	46	2,798	2,584	214
Nebraska.....	12,644	12,322	322	6,085	5,829	256	6,559	6,463	96
Nevada.....	1,610	1,490	120	765	720	45	845	761	84
New Hampshire.....	6,109	6,099	10	3,464	3,459	5	2,645	2,640	5
New Jersey.....	47,880	44,228	3,652	38,217	35,132	3,085	9,663	9,096	567
New Mexico.....	5,576	5,069	507	2,617	2,522	95	2,959	2,547	412
New York.....	155,020	145,809	9,211	126,655	117,831	8,824	28,365	27,978	387
North Carolina.....	31,009	20,201	10,808	10,653	6,468	4,185	20,356	13,743	6,613
North Dakota.....	5,222	5,090	132	1,442	1,420	22	3,780	3,661	119
Ohio.....	80,368	74,395	5,973	55,815	50,347	5,468	24,553	24,048	505
Oklahoma.....	10,394	17,118	2,276	9,983	8,835	1,148	9,411	8,283	1,128
Oregon.....	13,891	13,631	260	8,123	7,976	147	5,768	5,656	112
Pennsylvania.....	108,363	101,082	7,281	76,704	69,019	7,685	31,659	31,163	496
Rhode Island.....	8,071	7,868	203	7,296	7,105	191	775	703	72
South Carolina.....	17,494	8,982	8,512	6,962	3,355	2,607	11,532	5,627	5,905
South Dakota.....	5,687	5,400	287	1,877	1,845	32	3,810	3,555	255
Tennessee.....	28,993	22,257	6,736	12,761	8,364	4,397	16,232	13,893	2,339
Texas.....	63,337	52,743	10,594	37,998	31,388	6,610	25,339	21,555	4,014
Utah.....	4,929	4,797	132	3,078	3,001	77	1,851	1,790	61
Vermont.....	4,162	4,159	3	1,569	1,567	2	2,593	2,592	1
Virginia.....	29,345	20,164	9,181	12,274	8,124	4,150	17,071	12,040	5,031
Washington.....	22,491	21,860	631	14,082	13,076	1,006	8,409	8,174	235
West Virginia.....	17,305	15,940	1,365	6,399	5,806	593	10,906	10,134	772
Wisconsin.....	32,993	32,549	444	18,777	18,497	280	14,216	14,052	164
Wyoming.....	2,385	2,315	70	1,141	1,110	31	1,244	1,205	39

¹ "Urban" includes urban places having populations of 2,500 or more, according to the 1940 population census; "rural" includes all other areas.

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics; annual report, *Vital Statistics of the United States*.

VITAL STATISTICS, HEALTH, AND NUTRITION

No. 76.—DEATHS FROM 32 SELECTED CAUSES, 1949, AND DEATH RATES PER 100,000 POPULATION FOR DEATH-REGISTRATION STATES: 1900 TO 1949
 [Category numbers refer to classification systems involved in the two "Revisions" of the international rules for selecting underlying cause of death. See *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. For coverage of registration areas, see table 59, p. 59. See also *Historical Statistics*, series C 10-41.]

SIXTH REVISION, 1948			FIFTH REVISION, 1938					Rate	
CAUSE OF DEATH			1948 ¹		1938				
Category numbers	Number	Rate	Category numbers	1900	1910	1920	1930	1940 ¹	1949 ¹ (esti- mated)
All causes	1,443,607	971.7		1,719.1	1,468.0	1,288.9	1,132.1	1,074.2	971.7
Tuberculosis, all forms	39,100	26.3	13-22	194.4	153.8	113.1	71.1	45.8	27.4
Syphilis and its sequelae	8,831	6.8	30	212.0	13.5	216.5	315.7	14.4	7.8
Typhoid fever	8,101	5.1	1	431.8	422.5	47.6	4.7	1.0	(²)
Dysentery, all forms	1,440	1.0	27	12.0	6.0	4.0	2.8	1.9	.9
Diphtheria	574	.4	10	40.3	21.1	15.3	4.9	1.1	.4
Whooping cough	727	.5	9	12.2	11.6	12.5	4.8	2.2	.5
Meningococcal infections	917	.6	6	(³)	2.9	1.6	3.6	.8	.5
Acute poliomyelitis	2,720	1.8	36	(³)	2.9	1.6	1.2	.8	1.9
Measles	949	.6	35	13.3	12.4	8.8	3.2	5.5	4.0
All other infective and parasitic diseases	4,670	3.1	2-5, 7, 8, 11, 12, 23- 26, 28, 29, 31, 32, 34, 37-44, 115b, 177	(³)	(³)	(³)	(³)	(³)	(³)
Malignant neoplasms, incl. neoplasms of lymphatic and hematopoietic tissues	206,325	138.9	45-55	64.0	76.2	83.4	97.4	120.0	137.3
Diabetes mellitus	25,089	16.9	61	11.0	15.3	16.1	19.1	26.5	29.7
N meningitis, except meningococcal and tuberculous	340	2.1	81	345.2	371.9	304.9	414.4	464.7	483.5
Major cardiovascular-renal diseases	746,434	502.5	58, 83, 90-103, 131, 132	204.3	287.2	282.5	327.8	405.8	434.2
Diseases of cardiovascular system	720,499	485.0	58, 83, 90-103	190.9	287.2	282.5	327.8	405.8	434.2
Vascular lesions affecting central nervous system	149,953	100.9	83	106.9	95.8	93.0	89.0	90.8	89.0
Rheumatic fever	2,304	1.6	58	5.3	6.2	3.8	2.5	1.3	.9
Diseases of heart	515,958	349.1	90-95	137.4	138.9	139.6	214.2	292.0	321.1
Hypertension without mention of heart and general arteriosclerosis	42,825	28.7	97, 102	14.7	26.4	26.2	19.0	18.3	19.2
Other diseases of circulatory system	7,049	4.7	96, 98-101, 103	81.0	84.6	82.4	86.7	81.1	49.3
Chronic and unspecified nephritis and other renal sclerosis	23,835	17.5	104	205.2	155.9	207.3	102.5	78.9	49.3
Influenza and pneumonia, except pneumonia of newborn	44,640	30.0	33, 107-109	2.7	3.0	3.6	6.2	6.8	34.3
Ulcer of stomach and duodenum	640,541	3.3	117	14.7	2.7	4.0	6.2	6.8	6.1
Gastritis, duodenitis, enteritis, and colitis, except diarrhea of newborn	9,970	6.7	119, 120	142.7	115.4	53.7	28.0	10.3	6.6
Cirrhosis of liver	13,694	9.2	124	12.5	13.3	7.1	7.2	8.6	11.3
Acute nephritis and nephritis with edema including nephrosis	3,997	2.4	130	7.7	10.2	6.3	4.3	2.5	1.4
Deliveries and complications of pregnancy, childbirth, and the puerperium	3,216	2.2	140-150	13.4	15.3	19.0	12.7	6.7	2.4
Congenital malformations	18,964	12.7	157	12.0	15.2	15.2	11.2	10.0	13.0
Symptoms, senility, and ill-defined conditions	23,520	15.8	162, 189, 200	117.5	47.5	31.8	30.4	23.7	15.9
Motor-vehicle accidents	31,701	21.3	170	(³)	1.8	10.3	26.7	26.1	21.3
All other accidents	53,405	39.3	169, 171-176, 178-185	972.3	82.4	53.1	53.1	46.9	42.4
0840-E962	18,993	11.4	185	10.2	15.3	10.2	15.6	14.3	11.4
E963, E970-E979	8,033	5.4	165-168, 198	10.2	10.4	10.8	8.9	6.3	5.4
E984, E980-E985	163,391	110.0	Residual	388.9	206.8	218.8	181.7	132.0	101.2
Residual									

¹ Exclusive of deaths among armed forces overseas. ² Excludes aneurysm of the aorta. ³ Includes aneurysm (except of heart). ⁴ Includes paratyphoid fever, which was not separately classified. ⁵ Not available. ⁶ Includes all embolism and thrombosis, except puerperal. ⁷ Excludes diseases of the coronary arteries. ⁸ Excludes automobile collisions with trains and streetcars, and motorcycle accidents. ⁹ Includes legal executions. ¹⁰ Excludes legal executions. Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics; annual report, *Vital Statistics of the United States*.

NO. 77.—DEATH RATES PER 100,000 POPULATION, FOR THE 10 LEADING CAUSES OF DEATH, BY STATES: 1949

[By place of residence. Based on total population present in area, excluding armed forces overseas. For method of selecting the leading causes of death, see *The Leading Causes of Death: United States, 1949*, Vital Statistics—Special Reports, Vol. 36, No. 20]

STATE	Diseases of heart	Malignant neoplasms, etc.	Vascular lesions affecting central nervous system	Accidents	Certain diseases of early infancy	Pneumonia (exc. of new-born) and influenza	Tuberculosis, all forms	General arteriosclerosis	Chronic and unspecified nephritis, etc.	Diabetes mellitus
United States.....	349.1	138.9	100.9	60.7	43.2	30.0	26.3	20.5	17.5	16.9
Alabama.....	253.4	95.3	99.2	59.2	59.8	40.1	30.8	9.7	24.8	11.0
Arizona.....	198.6	95.9	56.9	77.8	68.6	37.6	72.2	14.2	10.7	8.8
Arkansas.....	248.7	99.1	87.0	64.7	40.4	44.1	35.3	12.6	20.1	10.6
California.....	369.3	142.0	94.9	63.1	39.2	27.2	26.7	25.6	11.8	8.9
Colorado.....	335.1	130.8	88.8	69.5	54.0	53.2	19.3	21.6	17.4	12.7
Connecticut.....	378.1	170.9	92.4	43.4	30.4	19.0	20.8	18.1	11.4	19.3
Delaware.....	415.0	141.4	86.5	68.9	41.4	28.8	35.4	24.5	25.4	26.0
District of Columbia.....	371.6	154.0	85.2	55.8	48.0	20.6	52.2	18.2	14.7	14.2
Florida.....	306.3	121.0	104.3	62.9	46.6	28.6	25.6	16.6	21.8	13.8
Georgia.....	256.9	95.4	116.0	57.2	62.1	36.0	28.1	12.1	27.6	11.0
Idaho.....	279.9	105.1	83.7	82.2	45.1	22.9	9.8	12.8	17.7	11.7
Illinois.....	428.6	168.2	94.7	61.9	37.4	24.3	28.8	20.2	24.3	20.4
Indiana.....	368.3	145.1	124.6	69.5	40.2	28.2	20.6	30.8	19.2	18.2
Iowa.....	373.0	160.4	136.7	64.6	39.4	28.4	9.6	28.1	18.6	16.3
Kansas.....	350.1	141.7	130.3	72.8	38.9	25.7	11.2	27.1	22.0	19.1
Kentucky.....	305.6	110.3	106.3	69.1	53.5	46.3	43.9	22.6	21.0	12.2
Louisiana.....	298.7	117.0	82.2	57.9	60.2	38.5	29.8	10.8	18.1	13.3
Maine.....	403.7	166.7	135.6	64.8	46.2	34.1	20.9	31.7	20.5	19.1
Maryland.....	373.6	137.0	82.5	54.0	38.5	23.9	39.4	17.6	15.2	18.3
Massachusetts.....	435.8	176.1	115.3	51.6	31.0	26.2	23.0	28.0	13.8	20.2
Michigan.....	318.6	137.5	93.5	62.3	42.9	26.6	22.8	19.0	15.5	25.7
Minnesota.....	333.8	148.8	120.6	61.7	39.3	27.0	12.9	28.1	9.5	17.0
Mississippi.....	260.9	100.0	102.9	60.1	65.3	41.4	29.1	10.9	31.9	11.3
Missouri.....	408.4	168.9	123.5	69.1	38.4	39.8	27.1	22.4	28.6	17.7
Montana.....	356.2	129.7	106.9	98.2	45.4	27.9	19.4	27.4	18.5	18.1
Nebraska.....	333.2	153.6	121.0	69.9	36.1	28.8	12.0	24.0	18.0	18.2
Nevada.....	327.7	120.8	79.2	105.0	48.4	23.3	36.5	11.3	13.8	14.5
New Hampshire.....	440.8	182.2	126.8	55.3	38.8	20.6	13.2	55.6	21.0	23.3
New Jersey.....	402.9	173.9	97.1	43.3	34.1	22.3	26.7	20.6	15.0	20.9
New Mexico.....	166.7	84.0	45.1	79.7	90.3	49.8	44.6	10.1	14.1	6.8
New York.....	441.5	175.4	91.3	51.1	34.0	28.3	20.6	21.0	13.1	16.8
North Carolina.....	242.6	82.7	96.6	50.7	55.2	32.9	24.6	11.2	19.5	10.2
North Dakota.....	281.6	120.8	101.4	73.2	55.2	27.4	11.5	20.9	14.9	18.4
Ohio.....	354.8	147.5	110.9	61.2	39.9	26.5	24.8	26.3	14.7	22.5
Oklahoma.....	273.7	121.3	107.0	70.5	43.0	30.5	24.9	16.1	21.5	14.2
Oregon.....	341.1	134.6	98.7	73.9	36.8	25.7	15.1	24.1	12.7	12.5
Pennsylvania.....	418.6	152.7	102.0	54.1	39.1	28.9	25.8	25.6	15.6	20.2
Rhode Island.....	412.3	177.6	92.4	49.2	33.2	14.9	21.2	21.4	18.8	38.7
South Carolina.....	264.0	84.5	106.0	63.9	55.4	38.0	25.1	16.0	20.7	12.4
South Dakota.....	287.5	129.3	118.0	74.3	44.0	26.0	18.0	23.1	12.5	20.6
Tennessee.....	252.8	100.5	104.0	53.0	52.2	41.5	38.0	9.7	20.9	9.0
Texas.....	231.3	100.4	73.8	67.2	55.7	31.3	31.8	10.5	10.9	10.6
Utah.....	245.0	84.2	61.2	70.9	62.1	16.5	8.9	11.8	11.1	10.3
Vermont.....	420.2	168.9	128.9	58.5	51.5	33.0	26.7	45.5	16.6	22.3
Virginia.....	293.4	100.9	103.0	60.1	55.6	33.2	29.6	16.8	20.7	11.8
Washington.....	343.6	137.0	104.6	71.3	39.8	30.2	18.4	10.7	12.1	14.3
West Virginia.....	267.7	104.6	89.8	72.4	56.4	36.9	27.3	15.1	18.4	15.5
Wisconsin.....	372.5	154.8	117.6	61.8	40.8	23.1	13.6	23.6	14.2	18.9
Wyoming.....	266.9	101.8	77.2	107.2	61.2	24.6	10.5	11.2	16.3	11.2

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics; annual report, *Vital Statistics of the United States*.

No. 78.—INFANT DEATHS (UNDER 1 YEAR OF AGE) PER 1,000 LIVE BIRTHS, BY AGE GROUPS, FOR BIRTH-REGISTRATION STATES: 1915 TO 1949

[For total under 1 year, see also *Historical Statistics*, series C 39]

AGE	1915	1920	1925	1930	1935	1940	1944	1945	1946	1947	1948	1949
Total under 1 year.....	99.9	85.8	71.7	64.6	55.7	47.0	39.8	38.3	33.8	32.2	32.0	31.3
Under 28 days.....	44.4	41.5	37.8	35.7	32.4	28.8	24.7	24.3	24.0	22.8	22.2	21.4
Under 1 day.....	15.0	14.8	15.0	15.0	15.0	13.9	11.5	11.2	11.4	10.7	10.7	10.5
1 day.....	4.9	4.6	4.2	4.2	3.7	3.5	3.3	3.3	3.5	3.4	3.4	3.1
2 days.....	3.5	3.4	3.2	2.9	2.4	2.2	2.1	2.1	2.2	2.1	2.1	2.1
3 days.....												1.1
4 days.....	6.7	6.4	5.8	5.1	4.4	3.6	3.1	3.1	3.0	3.0	2.8	.7
5 days.....												.5
6 days.....												.4
7-13 days.....	6.0	5.4	4.4	3.9	3.1	2.4	2.2	2.1	1.9	1.7	1.6	1.5
14-20 days.....	4.6	3.8	2.9	2.5	2.0	1.6	1.4	1.3	1.1	1.0	.9	.9
21-27 days.....	3.7	3.1	2.3	2.1	1.8	1.4	1.2	1.2	.9	.9	.8	.7
28-59 days.....	9.0	7.3	5.8	5.3	4.4	3.5	2.9	2.8	2.2	2.0	2.0	2.1
2 months.....	7.6	5.7	4.6	4.2	3.5	2.9	2.3	2.2	1.6	1.6	1.6	1.6
3 months.....			4.0	3.5	2.9	2.4	2.0	1.8	1.3	1.3	1.3	1.3
4 months.....	16.9	13.1	3.4	2.8	2.3	1.9	1.6	1.4	1.0	1.0	1.1	1.1
5 months.....			2.9	2.4	2.0	1.6	1.4	1.2	.8	.8	.9	.9
6 months.....			2.7	2.3	1.8	1.4	1.2	1.1	.7	.7	.7	.7
7 months.....	12.5	10.0	2.5	2.0	1.6	1.2	1.0	.9	.6	.5	.6	.6
8 months.....			2.3	1.8	1.4	1.0	.9	.8	.5	.5	.5	.5
9 months.....			2.1	1.7	1.3	.9	.7	.6	.4	.4	.4	.4
10 months.....	9.5	8.3	1.9	1.5	1.1	.8	.6	.5	.4	.3	.4	.4
11 months.....			1.8	1.4	1.1	.7	.6	.5	.3	.3	.3	.3

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics; annual report, *Vital Statistics of the United States*.

No. 79.—INFANT DEATHS (UNDER 1 YEAR OF AGE), PER 1,000 LIVE BIRTHS, BY AGE, RACE, AND SEX: 1949

AGE	TOTAL			WHITE			NONWHITE		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Total under 1 year.....	31.3	35.1	27.3	28.9	32.5	25.0	47.3	52.5	42.0
Under 28 days.....	21.4	24.5	18.3	20.3	23.3	17.2	28.6	32.1	25.0
Under 1 day.....	10.5	11.9	9.0	10.1	11.5	8.6	12.8	14.3	11.3
1 day.....	3.1	3.6	2.6	3.0	3.5	2.5	3.8	4.4	3.2
2 days.....	2.1	2.5	1.7	2.0	2.4	1.6	2.4	2.7	2.0
3 days.....	1.1	1.3	.9	1.1	1.3	.8	1.4	1.7	1.2
4 days.....	.7	.7	.5	.6	.7	.5	1.0	1.2	.8
5 days.....	.5	.6	.4	.5	.5	.4	.8	1.0	.7
6 days.....	.4	.4	.3	.3	.4	.3	.6	.7	.6
7-13 days.....	1.5	1.7	1.4	1.4	1.5	1.2	2.7	2.9	2.5
14-20 days.....	.9	1.0	.8	.8	.9	.7	1.8	1.9	1.6
21-27 days.....	.7	.7	.6	.6	.6	.5	1.3	1.4	1.2
28-59 days.....	2.1	2.4	1.8	1.8	2.0	1.5	4.2	4.7	3.6
2 months.....	1.6	1.8	1.4	1.4	1.5	1.2	3.0	3.4	2.7
3 months.....	1.3	1.4	1.3	1.2	1.2	1.1	2.5	2.6	2.4
4 months.....	1.1	1.1	1.0	.9	1.0	.8	2.1	2.2	1.9
5 months.....	.9	.9	.8	.7	.8	.7	1.8	1.8	1.7
6 months.....	.7	.8	.7	.6	.6	.6	1.4	1.5	1.3
7 months.....	.6	.6	.5	.5	.5	.5	1.0	1.1	.9
8 months.....	.5	.5	.5	.4	.4	.5	.9	1.0	.9
9 months.....	.4	.4	.4	.4	.4	.3	.8	.8	.7
10 months.....	.4	.4	.3	.3	.3	.3	.6	.7	.5
11 months.....	.3	.3	.3	.3	.3	.3	.5	.6	.4

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics; annual report, *Vital Statistics of the United States*.

No. 80.—INFANT DEATHS (UNDER 1 YEAR OF AGE) AND RATES PER 1,000 LIVE BIRTHS, BY STATES: 1940 TO 1949

[By place of residence. See also *Historical Statistics*, series C 39]

STATE	NUMBER OF INFANT DEATHS					RATE PER 1,000 LIVE BIRTHS				
	1940	1945	1947	1948	1949	1940	1945	1947	1948	1949
United States.....	110,984	104,684	119,173	113,169	111,531	47.0	38.3	32.2	32.0	31.3
Alabama.....	3,870	3,141	3,301	3,228	3,345	61.5	44.7	37.5	37.8	39.6
Arizona.....	983	917	973	1,083	1,034	86.5	68.7	60.8	56.4	51.0
Arkansas.....	1,810	1,256	1,445	1,363	1,539	47.0	31.7	29.4	28.4	33.7
California.....	4,403	5,991	7,233	6,885	6,574	32.0	32.5	29.4	28.6	26.3
Colorado.....	1,270	1,188	1,234	1,267	1,153	60.4	50.5	37.5	38.4	35.1
Connecticut.....	868	1,011	1,160	1,026	943	34.0	29.9	25.2	24.3	23.1
Delaware.....	217	233	239	214	224	47.7	38.9	31.0	29.5	30.4
District of Columbia.....	554	780	691	531	576	49.3	48.3	31.0	25.5	20.1
Florida.....	1,818	2,093	2,285	2,103	2,088	53.8	43.8	38.2	35.3	33.8
Georgia.....	3,744	3,162	3,251	3,169	3,169	57.8	42.2	34.2	34.2	33.3
Idaho.....	606	403	478	481	431	42.9	35.0	29.4	20.8	27.0
Illinois.....	4,368	4,377	5,672	5,123	5,195	35.3	31.6	28.9	27.7	27.4
Indiana.....	2,595	2,462	2,946	2,700	2,746	42.1	36.0	30.6	29.8	29.1
Iowa.....	1,636	1,363	1,817	1,610	1,591	36.5	30.3	28.5	26.0	25.7
Kansas.....	1,106	1,109	1,261	1,151	1,130	38.3	33.0	28.1	20.9	25.9
Kentucky.....	3,887	2,858	2,971	3,073	3,139	53.1	46.9	37.1	39.8	41.2
Louisiana.....	3,208	2,488	2,773	2,779	2,810	64.3	43.0	37.2	37.0	37.2
Maine.....	810	773	863	706	713	53.2	46.3	35.7	32.0	32.6
Maryland.....	1,590	1,626	1,794	1,537	1,636	49.1	38.0	31.6	28.8	30.5
Massachusetts.....	2,458	2,436	3,027	2,613	2,347	37.5	31.0	28.1	26.8	24.5
Michigan.....	4,032	4,035	5,080	4,630	4,545	40.7	35.8	31.5	30.0	28.9
Minnesota.....	1,758	1,693	2,165	1,969	1,893	33.2	31.1	28.0	26.9	25.6
Mississippi.....	2,869	2,204	2,448	2,474	2,631	54.4	40.0	36.8	37.9	39.6
Missouri.....	2,885	2,464	2,920	2,585	2,593	46.9	37.5	32.5	30.3	30.0
Montana.....	537	363	484	461	457	46.5	34.2	32.1	30.7	29.7
Nebraska.....	792	687	804	835	761	36.0	28.5	27.8	26.8	24.1
Nevada.....	109	132	134	147	118	51.7	40.3	33.2	39.8	32.1
New Hampshire.....	341	303	399	361	333	40.9	30.3	30.1	29.1	27.0
New Jersey.....	2,121	2,476	2,965	2,585	2,534	35.5	32.0	27.9	26.5	26.0
New Mexico.....	1,488	1,543	1,379	1,438	1,408	100.6	100.8	67.9	70.1	65.1
New York.....	7,297	7,461	9,123	8,258	7,878	37.2	31.8	28.2	27.3	26.1
North Carolina.....	4,631	3,782	3,938	3,858	4,113	57.6	43.3	34.9	35.3	35.1
North Dakota.....	593	385	523	487	517	45.1	20.3	30.6	29.4	30.7
Ohio.....	4,744	4,830	5,817	5,093	5,315	41.4	36.5	29.5	30.5	28.1
Oklahoma.....	2,238	1,727	1,733	1,731	1,531	49.9	40.0	32.3	34.4	30.8
Oregon.....	535	692	896	897	869	33.2	28.7	24.7	25.5	24.6
Pennsylvania.....	7,404	6,590	7,741	6,442	6,567	44.7	37.9	31.1	28.4	26.2
Rhode Island.....	410	384	522	444	395	37.9	28.2	28.2	26.3	24.0
South Carolina.....	3,442	2,469	2,352	2,331	2,283	68.2	40.9	39.5	40.4	38.0
South Dakota.....	466	388	511	525	448	38.7	31.1	30.9	32.0	26.0
Tennessee.....	2,954	3,096	3,144	3,098	3,331	53.5	47.7	36.3	37.7	40.2
Texas.....	8,075	7,703	8,101	9,131	8,028	68.3	45.8	41.1	46.2	42.7
Utah.....	539	488	545	608	585	40.4	31.1	25.1	27.4	25.3
Vermont.....	309	238	303	271	301	44.5	34.6	31.2	28.9	32.4
Virginia.....	3,335	3,178	3,142	3,163	3,162	58.5	47.4	36.6	38.5	38.1
Washington.....	902	1,539	1,643	1,537	1,530	35.2	34.5	28.1	27.5	27.1
West Virginia.....	2,269	2,050	2,091	2,108	2,082	55.7	52.0	38.0	40.2	39.6
Wisconsin.....	2,646	1,913	2,476	2,148	2,202	37.3	31.1	20.5	26.3	26.5
Wyoming.....	232	219	249	293	280	44.7	40.0	34.0	30.5	37.4

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics; annual report, *Vital Statistics of the United States*.

No. 81.—INFANT DEATHS (UNDER 1 YEAR OF AGE) AND RATES PER 1,000 LIVE BIRTHS, BY RACE, FOR URBAN AND RURAL AREAS, BY STATES: 1949

[By place of residence. For rates by color for U. S., see also *Historical Statistics*, series C 39-41]

STATE	NUMBER OF DEATHS				RATE PER 1,000 LIVE BIRTHS					
	Urban ¹		Rural ¹		Total		Urban ¹		Rural ¹	
	White	Non-white	White	Non-white	White	Non-white	White	Non-white	White	Non-white
United States.....	50,744	12,253	38,263	10,271	28.9	47.3	27.8	46.0	30.4	49.0
Alabama.....	604	671	1,100	970	32.6	51.0	30.7	55.6	33.8	48.2
Arizona.....	328	28	396	283	41.3	112.9	29.7	39.4	61.1	138.4
Arkansas.....	367	174	718	280	31.7	39.8	31.9	53.7	31.6	34.3
California.....	3,685	539	2,104	156	26.2	34.0	24.5	32.7	29.5	30.6
Colorado.....	588	22	533	10	34.9	42.3	30.1	35.0	42.2	78.1
Connecticut.....	575	54	309	5	22.3	45.7	22.2	45.5	22.6	47.2
Delaware.....	80	32	83	29	26.7	48.2	24.3	47.5	20.5	48.9
District of Columbia.....	327	249			28.1	30.4	28.1	30.4		
Florida.....	654	513	573	348	27.6	49.9	25.5	50.3	30.5	49.4
Georgia.....	755	939	921	786	28.6	41.0	31.1	47.5	26.9	36.9
Idaho.....	210	1	204	16	26.3	73.3	30.2	14.1	23.2	90.4
Illinois.....	3,202	733	1,166	34	26.0	40.5	26.3	40.2	25.0	40.2
Indiana.....	1,520	227	985	5	28.2	46.6	20.5	46.9	26.3	33.8
Iowa.....	854	24	708	5	25.5	51.5	20.0	44.7	22.2	102.3
Kansas.....	613	58	450	15	25.4	38.3	27.5	33.9	23.0	76.5
Kentucky.....	850	187	1,936	107	39.9	59.0	38.3	59.2	40.7	58.8
Louisiana.....	686	695	545	884	27.2	52.3	28.0	48.7	26.2	55.5
Maine.....	237	1	472	3	32.4	114.3	28.1	50.0	35.1	200.0
Maryland.....	671	347	536	182	26.5	45.0	27.1	43.8	25.8	47.7
Massachusetts.....	1,972	73	207	5	24.3	38.0	24.0	37.2	26.1	67.5
Michigan.....	2,465	487	1,543	50	27.8	40.9	26.9	39.2	29.5	71.4
Minnesota.....	1,079	28	758	28	25.1	69.1	26.1	81.0	23.9	50.8
Mississippi.....	341	445	582	1,263	31.7	45.8	36.9	59.6	20.3	42.3
Missouri.....	1,195	242	1,033	93	28.8	41.8	27.8	36.3	30.1	69.4
Montana.....	230	13	169	45	27.4	71.6	30.5	146.1	24.1	62.4
Nebraska.....	390	17	340	14	23.6	40.0	27.0	30.9	20.7	112.9
Nevada.....	48	2	67	11	31.0	45.0	27.2	16.4	35.2	65.9
New Hampshire.....	214	1	118		27.9	50.0	31.5	83.3	23.0	
New Jersey.....	1,605	383	476	70	23.5	49.2	23.4	49.0	23.9	50.0
New Mexico.....	535	34	603	146	61.0	119.8	54.8	129.3	67.0	117.8
New York.....	5,277	982	1,587	32	26.0	38.3	24.8	38.5	25.7	33.0
North Carolina.....	946	620	1,639	1,308	30.2	54.2	26.7	62.3	31.9	51.1
North Dakota.....	157	2	325	33	29.3	94.3	32.6	66.7	27.9	90.8
Ohio.....	3,092	550	1,634	39	27.0	41.0	26.4	41.1	28.1	39.4
Oklahoma.....	689	151	568	133	28.3	50.8	30.7	55.3	25.7	46.5
Oregon.....	461	15	370	23	24.0	53.1	24.5	30.5	23.4	102.7
Pennsylvania.....	3,665	748	2,106	48	27.8	47.2	27.2	47.3	28.9	46.1
Rhode Island.....	322	16	54	9	23.4	45.0	22.7	41.6	28.7	51.1
South Carolina.....	367	320	568	1,028	29.5	50.2	27.8	53.4	30.8	49.2
South Dakota.....	166	10	231	41	24.1	70.3	29.5	126.6	21.3	63.6
Tennessee.....	920	468	1,637	306	37.8	50.7	37.1	52.9	38.2	47.5
Texas.....	4,354	848	2,923	503	41.4	50.8	39.5	52.7	44.6	48.0
Utah.....	307	7	209	12	24.7	68.8	25.1	52.2	24.1	84.5
Vermont.....	106	1	194		32.3	250.0	30.4	500.0	33.4	
Virginia.....	608	456	1,337	701	32.7	53.5	28.6	55.2	35.2	52.5
Washington.....	855	57	564	54	23.0	58.1	26.0	43.6	25.9	80.6
West Virginia.....	541	40	1,399	102	39.0	48.9	35.5	46.4	40.6	50.0
Wisconsin.....	1,158	39	958	47	25.0	59.9	26.5	39.7	25.3	103.8
Wyoming.....	135	4	126	15	35.7	105.6	38.1	93.0	33.5	109.5

¹ "Urban" includes urban places having populations of 2,500 or more, according to 1940 population census; "rural" includes all other areas.

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics. Basic figures are published in annual report, *Vital Statistics of the United States*.

LIFE TABLES

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No. 82.—LIFE TABLES, BY SEX AND RACE: 1939-41

[See also *Historical Statistics*, series C 6-21]

AGE	1939-41 ¹					
	Annual rate of mortality per 1,000 living at age x	Survivors to age x of 100,000 births	Average future life-time at age x	Annual rate of mortality per 1,000 living at age x	Survivors to age x of 100,000 births	Average future life-time at age x
	q_x	l_x	e_x	q_x	l_x	e_x
WHITE MALES			WHITE FEMALES			
0.....	48.12	100,000	62.81	37.89	100,000	67.29
1.....	4.87	95,188	64.98	4.32	95,211	68.93
2.....	2.65	94,724	64.30	2.20	95,706	68.23
3.....	1.90	94,474	63.46	1.61	95,685	67.38
4.....	1.53	94,206	62.58	1.28	95,431	66.49
5.....	1.38	94,150	61.68	1.10	95,309	65.57
10.....	1.00	93,601	57.03	.70	94,890	60.85
15.....	1.43	93,089	52.33	.96	94,534	56.07
20.....	2.12	92,293	47.76	1.45	93,984	51.38
25.....	2.43	91,241	43.28	1.82	93,228	46.78
30.....	2.70	90,092	38.80	2.20	92,320	42.21
35.....	3.63	88,713	34.36	2.78	91,211	37.70
40.....	5.13	86,880	30.03	3.68	89,805	33.25
45.....	7.66	84,285	25.87	5.23	87,920	28.90
50.....	11.55	80,521	21.96	7.62	85,297	24.72
55.....	17.37	75,166	18.34	11.28	81,520	20.73
60.....	25.48	67,787	15.05	17.14	76,200	17.00
65.....	36.85	58,305	12.07	26.43	68,701	13.56
70.....	54.54	46,739	9.42	42.33	58,363	10.50
75.....	83.13	33,404	7.17	68.89	44,685	7.92
80.....	124.71	19,800	5.38	108.19	28,882	5.88
85.....	181.04	9,013	4.02	162.94	14,487	4.34
90.....	248.94	2,812	3.06	231.41	5,061	3.24
95.....	320.76	552	2.40	307.96	1,109	2.47
100.....	389.35	65	1.96	387.39	139	1.95
NEGRO MALES			NEGRO FEMALES			
0.....	82.28	100,000	52.26	65.84	100,000	55.56
1.....	9.87	91,772	55.53	7.96	93,416	58.48
2.....	4.32	90,912	55.45	3.72	92,672	57.93
3.....	2.69	90,520	54.69	2.48	92,327	57.14
4.....	2.16	90,276	53.83	2.09	92,099	56.28
5.....	1.86	90,082	52.95	1.75	91,906	55.40
10.....	1.38	89,393	48.34	1.04	91,308	50.75
15.....	2.74	88,610	43.74	3.07	90,594	46.13
20.....	5.44	86,968	39.52	5.32	88,736	42.04
25.....	7.33	84,227	35.72	6.27	86,198	38.20
30.....	8.72	80,979	32.05	7.33	83,384	34.40
35.....	10.71	77,221	28.48	9.24	80,092	30.71
40.....	13.62	72,780	25.06	11.81	76,084	27.19
45.....	18.59	67,346	21.88	16.02	71,157	23.89
50.....	25.36	60,495	18.06	21.87	64,885	20.95
55.....	32.48	52,426	16.60	28.58	57,314	18.38
60.....	39.10	43,833	14.37	34.72	48,928	16.10
65.....	46.85	35,371	12.21	40.90	40,504	13.93
70.....	57.99	27,236	10.11	49.12	32,354	11.82
75.....	78.03	19,456	8.17	62.94	24,502	9.81
80.....	107.30	12,186	6.68	81.27	17,039	8.02
85.....	137.83	6,444	5.34	105.29	10,622	6.41
90.....	174.17	2,836	4.23	141.32	5,652	4.96
95.....	230.27	961	3.20	195.17	2,345	3.71
100.....	319.00	209	2.29	272.61	659	2.70

¹ Based on 1940 census of population and deaths of 1939-41.

VITAL STATISTICS, HEALTH, AND NUTRITION

No. 83.—EXPECTATION OF LIFE AND MORTALITY RATES AT SINGLE YEARS OF AGE,
BY RACE AND SEX: 1949[Interpolated from abridged life table prepared by National Office of Vital Statistics, Public Health Service,
Federal Security Agency]

AGE (Years)	EXPECTATION OF LIFE IN YEARS					MORTALITY RATE PER 1,000				
	Total	White		Nonwhite		Total	White		Nonwhite	
		Males	Females	Males	Females		Males	Females	Males	Females
0	67.65	65.88	71.51	58.57	62.93	31.40	32.50	25.00	53.10	42.50
1	68.84	67.09	72.33	60.85	64.71	2.41	2.30	2.04	4.67	3.82
2	68.01	66.25	71.48	60.14	63.95	1.64	1.61	1.27	2.67	2.20
3	67.11	65.35	70.57	59.30	63.10	1.12	1.11	.93	2.02	1.77
4	66.19	64.43	69.64	58.41	62.21	.94	1.00	.77	1.48	1.24
5	65.25	63.49	68.69	57.50	61.29	.78	.93	.57	1.17	1.07
6	64.30	62.54	67.73	56.57	60.36	.69	.80	.54	.99	.87
7	63.34	61.59	66.77	55.62	59.41	.62	.72	.50	.86	.65
8	62.38	60.63	65.80	54.67	58.45	.57	.65	.46	.76	.55
9	61.42	59.67	64.83	53.71	57.48	.54	.62	.44	.73	.50
10	60.45	58.71	63.86	52.75	56.51	.54	.62	.43	.74	.50
11	59.48	57.75	62.89	51.79	55.53	.50	.65	.43	.82	.60
12	58.51	56.78	61.91	50.83	54.56	.62	.71	.44	.96	.67
13	57.55	55.82	60.94	49.88	53.60	.69	.81	.48	1.17	.84
14	56.59	54.87	59.97	48.94	52.65	.79	.93	.52	1.43	1.04
15	55.63	53.92	59.00	48.01	51.70	.91	1.08	.57	1.72	1.26
16	54.68	52.98	58.04	47.10	50.77	1.04	1.22	.62	2.03	1.62
17	53.74	52.04	57.07	46.19	49.85	1.14	1.34	.67	2.33	1.78
18	52.80	51.11	56.11	45.30	48.93	1.23	1.45	.71	2.58	2.02
19	51.86	50.18	55.15	44.42	48.03	1.30	1.53	.74	2.79	2.25
20	50.93	49.26	54.19	43.54	47.14	1.37	1.61	.76	3.02	2.50
21	50.00	48.34	53.23	42.66	46.25	1.45	1.69	.79	3.26	2.74
22	49.07	47.42	52.27	41.80	45.38	1.51	1.75	.82	3.48	2.96
23	48.14	46.50	51.31	40.95	44.51	1.54	1.75	.85	3.69	3.18
24	47.22	45.58	50.36	40.10	43.65	1.55	1.73	.89	3.87	3.20
25	46.29	44.66	49.40	39.25	42.79	1.57	1.71	.93	4.07	3.41
26	45.36	43.74	48.45	38.41	41.93	1.59	1.69	.97	4.28	3.57
27	44.43	42.81	47.49	37.58	41.08	1.64	1.71	1.01	4.46	3.69
28	43.50	41.89	46.54	36.74	40.23	1.68	1.73	1.07	4.62	3.70
29	42.58	40.96	45.59	35.91	39.38	1.75	1.79	1.13	4.76	3.81
30	41.65	40.03	44.64	35.08	38.53	1.83	1.86	1.21	4.91	3.84
31	40.73	39.10	43.69	34.25	37.69	1.91	1.93	1.28	5.10	3.92
32	39.81	38.18	42.75	33.43	36.83	2.04	2.05	1.38	5.30	4.14
33	38.89	37.25	41.81	32.60	35.98	2.19	2.20	1.47	5.79	4.52
34	37.97	36.33	40.87	31.79	35.14	2.38	2.40	1.58	6.32	5.00
35	37.06	35.42	39.93	30.99	34.32	2.58	2.62	1.71	6.92	5.65
36	36.15	34.51	39.00	30.20	33.51	2.81	2.87	1.85	7.52	6.25
37	35.25	33.61	38.07	29.43	32.72	3.05	3.14	2.00	8.12	6.82
38	34.36	32.71	37.15	28.67	31.94	3.30	3.43	2.16	8.71	7.33
39	33.47	31.82	36.23	27.91	31.17	3.56	3.73	2.32	9.30	7.80
40	32.59	30.94	35.31	27.17	30.41	3.83	4.08	2.51	9.92	8.27
41	31.71	30.07	34.40	26.44	29.67	4.16	4.46	2.71	10.61	8.81
42	30.84	29.20	33.49	25.72	28.93	4.52	4.89	2.94	11.38	9.43
43	29.98	28.34	32.59	25.01	28.20	4.93	5.35	3.18	12.25	10.14
44	29.13	27.49	31.69	24.31	27.48	5.37	5.87	3.45	13.23	10.86
45	28.28	26.65	30.80	23.63	26.78	5.86	6.41	3.75	14.24	11.82
46	27.45	25.82	29.91	22.97	26.09	6.38	7.02	4.08	15.30	12.08
47	26.62	25.00	29.03	22.32	25.42	6.96	7.70	4.42	16.46	13.63
48	25.80	24.19	28.16	21.69	24.76	7.58	8.60	4.81	17.72	14.84
49	25.00	23.39	27.29	21.07	24.12	8.22	9.37	5.24	19.06	16.12
50	24.20	22.61	26.43	20.47	23.48	8.94	10.33	5.71	20.48	15.93
51	23.41	21.84	25.58	19.89	22.85	9.70	11.33	6.22	21.92	16.82
52	22.64	21.08	24.73	19.33	22.24	10.48	12.37	6.75	23.42	17.72
53	21.87	20.34	23.90	18.78	21.63	11.31	13.44	7.30	24.94	18.63
54	21.12	19.61	23.07	18.25	21.03	12.16	14.54	7.88	26.50	19.60
55	20.37	18.89	22.25	17.73	20.44	13.10	15.71	8.52	28.21	20.60
56	19.63	18.19	21.43	17.23	19.87	14.11	16.99	9.25	29.97	21.72
57	18.90	17.49	20.63	16.75	19.30	15.21	18.38	10.04	31.63	23.03
58	18.19	16.81	19.83	16.28	18.74	16.43	19.93	10.92	33.80	24.60
59	17.48	16.14	19.05	15.81	18.20	17.75	21.65	11.87	33.86	26.43
60	16.79	15.49	18.27	15.35	17.68	19.15	23.45	12.91	34.64	28.25
61	16.11	14.85	17.50	14.89	17.20	20.67	25.39	14.07	35.61	30.18
62	15.44	14.23	16.75	14.42	16.72	22.48	27.58	15.63	37.40	32.68
63	14.79	13.62	16.00	13.96	16.27	24.07	30.07	17.36	40.52	35.03
64	14.15	13.02	15.28	13.53	15.85	27.22	32.85	19.51	44.71	38.79
65	13.53	12.45	14.57	13.14	15.40	29.98	35.88	21.87	49.74	44.25
66	12.93	11.89	13.88	12.80	15.18	32.88	39.06	24.35	54.76	48.73
67	12.35	11.36	13.22	12.51	14.93	35.85	42.36	27.01	58.06	52.32
68	11.80	10.84	12.57	12.26	14.73	38.79	45.60	29.82	61.43	54.27
69	11.25	10.38	11.94	12.03	14.55	41.76	49.11	32.80	(1)	(1)

1 Not computed because of deficiencies in basic data.

Source: Metropolitan Life Insurance Co., New York, N. Y.; *Statistical Bulletin*, Nov. 1951.

No. 84.—SELECTED LIFE TABLE VALUES: 1909-11 TO 1949

[See also *Historical Statistics*, series C 6-21]

RACE AND PERIOD	AT BIRTH		AGE 20		AGE 45		AGE 65	
	Male	Female	Male	Female	Male	Female	Male	Female
ANNUAL RATE OF MORTALITY PER 1,000 LIVING AT AGE INDICATED								
White:								
1909-1911 ¹	123.26	102.26	4.89	4.20	12.64	9.91	43.79	37.86
1919-1921 ²	80.25	63.92	4.27	4.33	9.26	8.14	34.99	31.68
1929-1931.....	62.32	49.63	3.18	2.77	9.29	7.02	38.65	31.25
1939-1941.....	48.12	37.89	2.12	1.45	7.66	5.23	36.85	26.43
1947.....	34.5	26.5	1.8	.9	6.8	4.1	36.7	23.3
1948.....	33.4	25.7	1.7	.9	6.5	3.9	36.3	22.4
1949.....	32.5	25.0	1.6	.8	6.4	3.8	35.9	21.9
Negro: ³								
1929-1931.....	87.32	72.04	8.58	8.82	22.40	20.18	50.72	49.35
1939-1941.....	82.28	65.84	5.44	5.32	18.59	16.02	46.85	40.90
1947 ⁴	54.5	44.9	3.6	3.3	14.4	12.1	46.0	42.4
1948 ⁴	52.1	42.0	3.3	2.8	14.5	11.7	48.7	43.8
1949 ⁴	53.1	42.5	3.0	2.5	14.2	11.8	49.7	44.3
AVERAGE FUTURE LIFETIME IN YEARS AT AGE INDICATED								
White:								
1909-1911 ¹	50.23	53.62	42.71	44.88	23.86	25.45	11.25	11.97
1919-1921 ²	56.34	58.53	45.60	46.46	26.00	26.98	12.21	12.75
1929-1931.....	59.12	62.67	46.02	48.52	25.28	27.39	11.77	12.81
1939-1941.....	62.81	67.29	47.76	51.38	25.87	28.90	12.07	13.56
1947.....	65.2	70.5	48.7	53.4	26.3	30.2	12.3	14.2
1948.....	65.5	71.0	49.0	53.8	26.5	30.5	12.4	14.4
1949.....	65.9	71.5	49.3	54.2	26.7	30.8	12.4	14.6
Negro: ³								
1929-1931.....	47.55	49.51	35.95	37.22	20.59	21.39	10.87	12.24
1939-1941.....	52.26	55.59	39.52	42.04	21.88	23.89	12.21	13.93
1947 ⁴	57.9	61.9	43.1	46.4	23.6	26.0	13.3	15.9
1948 ⁴	58.1	62.5	42.9	46.8	23.3	26.7	13.1	15.7
1949 ⁴	58.6	62.9	43.5	47.1	23.0	26.8	13.1	15.6

¹ For original registration States.² For death-registration States of 1920.³ Values prior to 1929 excluded because of doubt as to reliability of mortality statistics for Negroes.⁴ Values relate to nonwhite population of which only small proportion are of races other than Negro.

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics; *United States Life Tables and Actuarial Tables*, 1939-41, and *Vital Statistics of the United States*, 1947 to 1949, except for annual rates of mortality at ages 20, 45, and 65 for 1947-49, which were computed by the Metropolitan Life Insurance Company.

No. 85.—MARRIAGE LICENSES ISSUED—UNITED STATES AND MAJOR CITIES (OR COUNTIES), BY MONTH: 1948 TO 1951

[Figures for U. S., represent marriage licences issued in 39 States and the District of Columbia for 1948, and for 38 States and the District of Columbia for 1949-51; "marriages reported" in remaining States for these years. Figures for major-city areas represent licences issued in 34 cities with 1940 populations of 100,000 or more and 57 counties containing the remaining 58 cities in that population-size group for 1949-50; 34 cities with populations of 100,000 or more according to the 1950 census, and 69 counties containing the remaining 72 cities in that population-size group for 1951.]

MONTH	UNITED STATES				91 MAJOR CITIES (OR COUNTIES)			
	1948	1949	1950	1951	1948	1949	1950	1951
Total.....	1,832,848	1,608,180	1,691,673	1,621,159	614,029	529,597	553,665	543,295
January.....	120,011	113,001	100,015	126,380	46,443	38,227	34,488	45,804
February.....	112,168	107,949	101,659	104,208	34,205	36,022	32,126	32,364
March.....	130,801	104,006	99,083	125,299	45,538	31,368	31,880	44,859
April.....	140,631	120,367	125,729	119,982	49,827	44,975	43,470	41,973
May.....	156,350	140,453	138,105	134,140	56,016	51,086	50,318	48,307
June.....	214,172	185,130	184,564	182,506	76,206	65,435	63,603	63,784
July.....	161,068	136,326	155,655	134,165	49,985	40,246	46,403	41,695
August.....	175,083	156,293	180,779	152,455	62,716	55,267	63,213	53,273
September.....	171,533	147,373	172,737	144,073	57,078	48,707	56,161	45,880
October.....	151,451	132,175	148,662	133,132	48,159	42,582	47,634	42,019
November.....	144,487	124,306	134,338	124,771	46,417	38,920	42,510	40,636
December.....	145,194	131,111	150,347	140,042	41,439	36,753	42,950	41,801

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics. U. S. data: 1948, *Quarterly Marriage Report*, Vol. 3, No. 5; 1949, *Vital Statistics—Special Reports*, Vol. 39, No. 22; 1950-51, records. City data: 1948-50, *Monthly Marriage Report*, Vol. 4, No. 13; 1951, *Monthly Marriage Report*, Vol. 5, No. 13 (annual summary).

No. 86.—MARRIAGES AND DIVORCES—NUMBER AND RATE PER 1,000 POPULATION, BY STATES: 1940, 1949, AND 1950

[By place of occurrence. For U. S. rates, see also *Historical Statistics*, series C 77 and C 78]

STATE	MARRIAGES						DIVORCES ¹					
	Number			Rate per 1,000 ²			Number			Rate per 1,000 ³		
	1940	1949	1950 ⁴	1940	1949	1950 ⁴	1940	1949	1950 ⁴	1940	1949	1950 ⁴
United States.....	1,595,879	1,579,798	1,669,934	12.1	10.6	11.0	264,000	397,000	385,000	2.0	2.7	2.5
Alabama.....	34,010	19,411	22,746	12.0	6.5	7.4	4,444	8,502	8,720	1.6	2.9	2.8
Arizona.....	23,643	23,139	23,866	46.4	31.9	31.6	1,913	4,478	-----	3.8	6.2	-----
Arkansas.....	43,600	44,043	49,000	22.4	24.0	25.3	5,331	9,800	8,600	2.7	5.3	4.4
California.....	45,069	77,873	78,764	6.5	7.4	7.4	22,904	38,440	38,559	3.3	3.7	3.0
Colorado.....	7,407	12,639	13,735	6.5	10.1	10.2	2,800	-----	-----	2.5	-----	-----
Connecticut.....	17,374	18,541	19,930	10.1	9.2	9.6	1,743	2,811	2,714	1.0	1.4	1.4
Delaware.....	4,825	2,597	2,620	18.0	8.1	8.2	207	821	634	.8	2.0	2.0
District of Columbia.....	7,727	9,991	10,197	11.3	11.9	13.0	1,347	1,586	1,697	2.0	1.0	2.2
Florida.....	32,700	22,039	27,588	17.0	8.2	9.9	11,186	17,810	18,033	5.9	6.0	6.4
Georgia.....	30,200	33,925	44,413	12.6	16.0	12.8	4,560	-----	-----	1.4	-----	-----
Ideaho.....	8,892	7,565	8,344	17.0	13.2	14.0	1,664	2,773	2,668	3.2	4.8	4.5
Illinois.....	63,445	88,020	93,312	8.0	10.2	10.7	12,700	23,791	23,002	1.6	2.8	2.6
Indiana.....	39,000	48,282	61,647	11.6	12.4	15.6	8,400	-----	-----	2.5	-----	-----
Iowa.....	48,350	25,515	27,613	19.1	10.0	10.5	4,793	5,482	5,402	1.9	2.1	2.0
Kansas.....	21,333	17,538	18,648	11.9	9.4	9.7	3,777	4,500	-----	2.1	2.4	-----
Kentucky.....	76,300	58,621	33,545	26.8	20.5	11.3	6,000	-----	-----	2.1	-----	-----
Louisiana.....	27,487	26,000	26,714	11.6	9.9	9.0	3,200	-----	5,400	1.4	-----	2.0
Maine.....	10,202	8,085	8,463	12.0	8.9	9.2	1,540	2,107	-----	1.8	2.3	-----
Maryland.....	39,305	47,842	50,558	21.4	20.5	21.6	3,227	4,919	5,039	1.8	2.1	2.2
Massachusetts.....	44,836	39,639	43,000	10.4	8.3	9.2	4,616	6,855	-----	1.1	1.4	-----
Michigan.....	46,342	53,100	58,183	8.8	8.5	9.1	12,054	16,274	-----	2.3	2.6	-----
Minnesota.....	27,500	23,659	30,964	9.9	9.8	10.3	2,964	4,195	4,085	1.1	1.4	1.4
Mississippi.....	34,088	52,765	56,562	15.7	25.4	25.6	3,263	6,285	5,949	1.5	3.0	2.7
Missouri.....	71,800	37,113	36,416	19.0	9.5	9.2	12,000	14,000	13,758	3.2	3.6	3.5
Montana.....	8,700	6,981	7,222	15.6	12.4	12.0	1,700	1,995	1,951	3.1	3.5	3.2
Nebraska.....	15,977	12,743	13,857	12.2	9.0	10.3	2,085	2,587	-----	1.6	2.0	-----
Nevada.....	39,030	45,155	49,872	34.8	23.4	31.7	5,183	10,800	8,909	46.3	67.9	55.7
New Hampshire.....	6,036	7,428	7,597	12.2	14.2	14.2	726	1,062	1,039	1.5	2.0	1.9
New Jersey.....	41,059	44,460	46,176	9.9	9.3	9.5	3,200	5,826	5,434	1.8	1.2	1.1
New Mexico.....	12,170	16,392	23,128	22.8	25.9	33.2	1,200	2,884	-----	2.2	4.6	-----
New York.....	132,501	134,115	142,362	9.8	9.1	9.6	11,300	-----	11,700	1.8	-----	1.8
North Carolina.....	15,100	27,275	20,771	4.2	6.9	7.3	3,900	-----	-----	1.1	-----	-----
North Dakota.....	4,174	4,828	5,092	6.6	8.3	8.1	500	633	582	1.8	1.1	.9
Ohio.....	83,781	59,600	73,668	12.1	7.5	9.3	17,100	23,000	21,081	2.5	2.9	2.7
Oklahoma.....	33,319	18,486	22,618	14.4	8.7	10.0	9,800	-----	14,000	4.2	-----	6.2
Oregon.....	5,998	10,746	11,279	5.5	7.2	7.4	3,419	6,274	6,941	3.1	4.2	3.9
Pennsylvania.....	85,354	83,995	88,478	8.6	8.1	8.4	9,800	13,571	11,860	1.0	1.3	1.1
Rhode Island.....	6,172	7,098	7,490	8.6	9.0	9.5	653	1,011	-----	.0	1.3	-----
South Carolina.....	43,200	39,509	46,342	22.8	19.7	21.6	(?)	-----	2,300	(?)	-----	1.1
South Dakota.....	4,138	6,519	6,009	6.5	10.5	10.4	793	921	905	1.2	1.5	1.4
Tennessee.....	30,700	15,024	21,052	10.5	4.6	6.4	5,600	7,477	7,204	1.9	2.3	2.2
Texas.....	86,500	96,214	80,120	13.5	12.5	11.6	27,500	38,027	-----	4.3	5.0	-----
Utah.....	8,245	6,402	7,110	14.9	9.5	10.2	1,500	2,160	2,107	2.7	3.2	3.0
Vermont.....	4,906	3,385	3,645	13.7	9.2	9.5	428	565	650	1.2	1.5	1.7
Virginia.....	52,630	33,174	36,863	19.4	10.1	11.1	5,299	6,107	5,785	2.0	1.9	1.7
Washington.....	26,300	32,374	34,437	15.1	13.6	14.5	6,400	-----	-----	3.7	-----	-----
West Virginia.....	8,181	13,739	17,207	4.3	7.1	8.5	2,964	-----	-----	1.6	-----	-----
Wisconsin.....	23,379	27,782	28,923	7.4	8.4	8.3	3,599	4,815	4,758	1.1	1.4	1.4
Wyoming.....	2,935	3,414	3,498	11.7	12.4	11.9	1,000	1,211	1,120	4.1	4.4	3.8

¹ Includes reported annulments.

² Based on population present in area (excluding armed forces overseas).

³ For 1940, rate for United States based on population including armed forces overseas; for States, based on civilian population in area; for 1949-50, all rates based on population present in area (excluding armed forces overseas).

⁴ Preliminary. ⁵ Estimated. ⁶ Marriage licenses.

⁷ No divorces granted. Data on annulments not available.

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics; 1940 and 1949, *Vital Statistics—Special Reports*, Vol. 36, No. 2; 1950, News Release, FSA C-7, April 23, 1951.

No. 87.—HOSPITALS—TYPE OF CONTROL AND SERVICE: 1909 TO 1950

[Covers hospitals and related institutions registered by the American Medical Association. Registration is a basic recognition extended to hospitals and related institutions in accordance with requirements outlined in *Essentials of a Registered Hospital*, officially adopted by the House of Delegates of the A. M. A. See also *Historical Statistics*, series C 92-117]

YEAR	TYPE OF CONTROL								
	Total			Governmental				All other	
	Hospitals	Beds		Federal		State and local		Hospitals	Beds
		Number	Rate ¹	Hospitals	Beds	Hospitals	Beds		
1900.....	4,359	421,065	4.7	71	8,827	282	189,049	4,066	1223,189
1914.....	5,037	532,481	5.4	93	12,602	294	232,834	4,650	1287,045
1918.....	5,323	612,251	5.9	110	18,815	303	262,254	4,910	1331,182
1920.....	6,152	817,020	7.7						
1925.....	6,896	802,055	6.9	299	57,091	351	317,264		
1930.....	6,719	955,860	7.8	288	63,581	1,524	556,145	4,907	336,143
1934.....	6,334	1,048,101	8.3	313	77,865	1,436	640,023	4,585	330,213
1935.....	6,246	1,075,139	8.4	316	83,353	1,408	658,350	4,522	333,427
1936.....	6,189	1,090,721	8.6	323	84,234	1,401	679,606	4,465	332,881
1937.....	6,128	1,124,548	8.7	329	97,951	1,393	690,798	4,406	335,799
1938.....	6,166	1,161,350	8.9	330	92,248	1,398	722,883	4,438	346,244
1939.....	6,226	1,105,026	9.1	329	96,339	1,411	748,805	4,486	349,880
1940.....	6,291	1,226,245	9.3	336	108,928	1,431	764,761	4,524	352,556
1941.....	6,358	1,324,381	9.9	428	170,202	1,436	789,309	4,494	358,870
1942.....	6,345	1,383,827	10.3	474	220,938	1,450	794,843	4,421	368,046
1943.....	6,655	1,640,254	12.1	827	476,073	1,457	799,466	4,371	373,115
1944.....	6,611	1,720,946	12.5	798	551,135	1,464	801,143	4,349	377,667
1945.....	6,511	1,738,944	12.4	705	546,384	1,478	810,331	4,328	382,226
1946.....	6,280	1,468,714	10.4	464	264,486	1,498	818,248	4,318	385,980
1947.....	6,276	1,425,222	9.9	401	213,204	1,516	817,001	4,350	395,017
1948.....	6,335	1,423,520	9.7	372	185,098	1,528	834,009	4,435	403,753
1949.....	6,572	1,439,030	9.6	361	182,254	1,576	842,901	4,685	413,875
1950.....	6,430	1,455,912	9.6	355	186,793	1,557	850,248	4,518	419,871

YEAR	TYPE OF SERVICE								
	General			Mental		Tuberculosis		All other	
	Hospitals	Beds		Hospitals	Beds	Hospitals	Beds	Hospitals	Beds
		Number	Rate ¹						
1909.....									
1914.....									
1918.....									
1920.....	4,013	311,159	2.9	521	205,882	52	10,150	1,556	200,329
1925.....	4,041	293,301	2.5	589	341,480	466	46,131	1,800	118,163
1930.....	4,302	371,600	3.0	561	437,919	515	65,940	1,341	80,401
1934.....	4,198	363,425	3.1	614	513,845	495	70,033	1,027	70,768
1935.....	4,257	406,174	3.2	592	529,311	506	70,373	901	60,281
1936.....	4,207	402,605	3.1	584	548,952	496	73,092	892	71,472
1937.....	4,245	412,091	3.2	579	570,616	508	76,751	796	65,000
1938.....	4,286	425,324	3.3	562	501,822	493	76,022	795	68,212
1939.....	4,350	444,947	3.4	600	606,284	480	75,972	790	67,823
1940.....	4,432	462,360	3.5	602	621,284	479	78,246	778	64,355
1941.....	4,518	533,498	4.0	596	638,144	477	82,365	767	70,374
1942.....	4,557	594,260	4.4	586	646,118	468	82,372	734	61,077
1943.....	4,885	850,576	6.2	575	650,998	455	79,860	740	67,825
1944.....	4,833	925,818	6.7	566	648,745	453	79,848	759	75,534
1945.....	4,744	922,649	6.6	563	657,393	449	78,774	755	80,228
1946.....	4,523	841,331	4.5	575	674,930	450	83,187	732	69,265
1947.....	4,539	592,453	4.1	535	680,013	441	81,328	711	70,528
1948.....	4,589	576,459	3.9	536	691,499	438	81,993	722	73,569
1949.....	4,761	574,083	3.9	606	705,423	444	83,470	761	75,454
1950.....	4,713	587,917	3.9	579	711,621	431	85,746	707	71,328

¹ Beds per 1,000 population. ² Local hospitals included in "all other." ³ State hospitals only.

Source: American Medical Association, Council on Medical Education and Hospitals, Chicago, Ill.; annual report, *Hospital Service in the United States*.

No. 88.—HOSPITAL FACILITIES, 1930 TO 1950, AND BY STATES, 1950

[See headnote, table 87]

YEAR AND STATE	NUMBER									
	Hospitals		Beds		Bassinets		Patients admitted		Average census ¹	
	Total	Government	Total	Government	Total	Government	Total	Government	Total	Government
TOTAL										
1930	6,719	1,812	955,869	619,726	49,684	6,303	-----	-----	763,382	550,737
1935	6,246	1,724	1,075,139	741,712	53,310	8,417	7,717,154	2,293,052	875,510	674,021
1940	6,201	1,767	1,226,245	873,689	61,939	10,550	10,087,548	2,869,004	1,026,171	784,872
1945	6,511	2,183	1,738,944	1,356,718	83,181	16,586	16,287,402	6,399,113	1,405,247	1,114,414
1948	6,335	1,900	1,423,520	1,019,767	87,506	15,757	16,422,774	4,290,491	1,217,154	907,569
1949	6,572	1,937	1,439,030	1,025,155	89,386	16,385	16,659,973	4,258,785	1,224,951	915,843
1950	6,430	1,912	1,456,912	1,037,041	89,200	16,613	17,023,513	4,317,370	1,242,777	931,461
1950										
Alabama	107	34	19,277	14,592	1,265	396	246,610	101,023	15,884	12,901
Arizona	67	30	6,831	4,546	533	158	106,236	36,983	5,262	3,782
Arkansas	66	18	14,110	11,288	709	169	156,290	52,104	11,412	9,701
California	377	106	105,032	85,022	6,062	1,220	1,218,587	433,552	88,905	71,841
Colorado	97	24	17,907	11,036	996	192	214,193	55,080	14,075	10,364
Connecticut	72	20	22,738	13,992	1,240	20	249,118	17,521	20,159	13,414
Delaware	16	7	4,479	3,223	224	7	87,523	2,921	2,637	2,797
Dist. of Col.	25	10	15,552	12,246	847	242	159,007	51,255	13,902	11,518
Florida	120	46	20,649	15,253	1,664	634	285,952	135,522	15,285	12,209
Georgia	118	41	23,551	19,062	1,841	581	333,529	175,024	20,583	17,534
Idaho	47	16	4,282	2,607	527	117	66,011	14,942	3,272	2,300
Illinois	334	82	69,388	69,687	5,453	623	1,071,400	215,059	85,600	62,802
Indiana	131	64	26,983	19,250	2,115	649	387,041	114,006	22,960	17,639
Iowa	120	33	21,877	14,421	1,648	209	295,883	61,953	19,302	13,514
Kansas	120	43	18,351	12,970	1,395	341	245,543	72,008	15,373	11,260
Kentucky	103	30	21,240	15,553	1,200	237	264,554	70,400	17,578	13,637
Louisiana	112	19	22,100	15,681	1,434	447	331,387	133,194	17,361	13,826
Maine	54	11	8,506	5,769	601	38	91,945	8,596	7,276	5,837
Maryland	81	27	25,230	17,972	1,252	346	238,914	77,151	21,784	16,241
Massachusetts	213	71	64,794	45,614	3,539	629	568,791	134,326	55,798	43,794
Michigan	250	01	63,111	47,433	3,813	829	726,624	208,821	54,865	42,632
Minnesota	209	70	30,592	20,043	2,269	462	452,953	84,291	26,124	17,605
Mississippi	89	29	13,073	10,212	806	244	187,044	74,545	10,798	9,012
Missouri	163	42	36,871	25,259	2,404	412	415,100	94,419	31,011	22,329
Montana	63	11	5,851	2,856	623	48	97,558	7,063	4,420	2,518
Nebraska	111	24	13,175	8,355	1,152	111	173,520	26,360	10,562	7,241
Nevada	15	10	1,277	1,045	146	91	23,518	14,907	1,007	853
New Hampshire	37	9	6,043	3,982	484	56	70,494	8,215	4,042	3,573
New Jersey	156	48	61,085	36,483	2,983	521	465,152	84,220	43,040	33,115
New Mexico	43	20	4,108	2,796	375	115	59,073	18,826	3,228	2,384
New York	509	145	205,903	152,026	8,742	1,183	1,747,003	457,733	187,914	146,826
North Carolina	172	46	27,553	18,010	2,277	386	429,711	80,213	21,310	14,757
North Dakota	50	13	6,850	4,283	580	46	96,417	8,330	5,480	3,724
Ohio	238	75	67,905	47,125	4,126	573	844,228	137,066	59,715	42,876
Oklahoma	116	45	17,480	13,354	1,243	393	221,027	71,613	14,690	11,820
Oregon	72	17	11,494	6,886	946	104	177,540	25,550	9,618	6,184
Pennsylvania	338	68	105,695	66,947	6,721	361	1,133,250	114,366	90,050	50,568
Rhode Island	24	8	9,408	7,078	486	61	79,732	17,628	8,008	6,181
South Carolina	65	27	15,373	12,238	942	376	202,388	97,268	12,231	10,111
South Dakota	56	17	7,131	4,371	603	78	94,374	11,421	5,644	3,738
Tennessee	131	38	23,518	17,585	1,445	424	311,517	104,755	19,493	15,263
Texas	503	121	52,952	35,729	4,570	1,169	925,412	270,550	43,092	32,150
Utah	32	11	4,396	2,686	564	79	73,748	11,030	3,526	2,377
Vermont	29	6	4,097	1,847	333	-----	53,631	4,015	3,715	2,020
Virginia	118	33	29,647	22,553	1,772	410	351,834	104,822	24,877	19,550
Washington	127	40	25,506	18,078	1,788	232	342,611	73,027	20,884	15,500
West Virginia	81	21	13,432	8,244	1,032	125	219,554	32,198	11,491	7,492
Wisconsin	212	79	35,435	23,629	2,597	305	461,320	85,020	30,764	21,621
Wyoming	32	15	3,677	3,250	279	150	47,021	32,707	2,775	2,571

¹Average number of patients receiving hospital treatment each day.Source: American Medical Association, Council on Medical Education and Hospitals, Chicago, Ill.; annual report, *Hospital Service in the United States*.

No. 89.—PATIENTS IN HOSPITALS FOR MENTAL DISEASE AND IN INSTITUTIONS FOR MENTAL DEFECTIVES AND EPILEPTICS, UNDER PUBLIC AND PRIVATE CONTROL: 1923 TO 1949

[Coverage of hospitals and institutions varies from year to year. In general no adjustments are made for these variations. For details, see source]

YEAR	PATIENTS IN HOSPITALS FOR MENTAL DISEASE AT BEGINNING OF YEAR					MENTAL DEFECTIVES AND EPILEPTICS IN INSTITUTIONS AT BEGINNING OF YEAR				
	Total		Public hospitals			Total		Public institutions		Private institutions
	Number of patients	Rate ¹	State	Other ²	Private hospitals	Number of patients	Rate ¹	State	City	
1923.....	267, 617	241. 7	229, 837	28, 549	9, 231	51, 731	46. 7	46, 580	1, 363	3, 788
1931.....	337, 573	273. 0	292, 284	36, 781	8, 558	72, 565	58. 7	72, 565	(³)	(⁴)
1934.....	391, 791	310. 9	332, 094	49, 873	9, 824	93, 438	74. 2	87, 382	1, 603	4, 453
1935.....	403, 895	318. 4	342, 167	51, 789	9, 939	95, 101	75. 0	89, 760	1, 103	4, 238
1936.....	410, 832	328. 7	353, 004	55, 725	10, 503	96, 995	75. 9	91, 754	818	4, 423
1937.....	431, 990	336. 2	364, 563	56, 111	11, 816	98, 765	76. 0	93, 772	838	4, 455
1938.....	444, 989	344. 0	374, 160	59, 774	11, 046	102, 328	79. 1	97, 209	638	4, 581
1939.....	459, 258	352. 2	389, 979	58, 158	11, 121	100, 903	77. 4	95, 996	(³)	4, 907
1940.....	461, 358	351. 0	393, 804	55, 849	10, 705	102, 292	77. 8	98, 228	621	3, 543
1941.....	480, 741	362. 4	409, 055	61, 098	10, 588	103, 288	77. 9	98, 863	523	3, 902
1942.....	490, 448	364. 2	426, 291	52, 143	12, 014	113, 597	84. 4	107, 781	604	5, 312
1943.....	498, 828	365. 4	432, 254	54, 643	11, 931	112, 449	82. 4	106, 112	500	5, 837
1944.....	501, 751	363. 4	432, 375	57, 132	12, 194	118, 153	85. 6	111, 650	472	6, 031
1945.....	510, 661	365. 8	433, 703	63, 875	13, 023	117, 783	84. 4	111, 550	452	5, 781
1946.....	518, 672	374. 8	439, 967	66, 704	12, 001	118, 467	85. 6	112, 071	417	5, 979
1947.....	530, 255	371. 7	446, 150	71, 694	12, 405	122, 605	85. 9	115, 870	408	6, 327
1948.....	540, 038	371. 7	455, 072	70, 885	13, 181	124, 673	85. 8	118, 208	(⁴)	6, 375
1949.....	554, 372	375. 2	468, 799	72, 058	13, 615	129, 402	87. 6	122, 492	(⁴)	6, 910

¹ Per 100,000 estimated population as of Jan. 1, 1923 to 1941; July 1, 1942 to 1945. Per 100,000 estimated civilian population as of July 1, 1946 to 1949.

² Covers veterans', county, and city hospitals. ³ Data not available.

⁴ The last city institution was transferred to State auspices in 1948.

No. 90.—MOVEMENT OF PATIENT POPULATION IN HOSPITALS FOR MENTAL DISEASE AND IN INSTITUTIONS FOR MENTAL DEFECTIVES AND EPILEPTICS: 1947, 1948, AND 1949

ITEM	HOSPITALS FOR MENTAL DISEASE				INSTITUTIONS FOR MENTAL DEFECTIVES AND EPILEPTICS			
	1947	1948	1949		1947	1948	1949	
			Total	State			Total	State
Patients on books at beginning of year.....	607, 194	620, 838	641, 630	545, 943	141, 759	143, 721	148, 229	141, 257
In hospitals and institutions.....	530, 255	540, 038	554, 372	468, 799	122, 605	124, 073	129, 402	122, 492
Absent.....	76, 939	80, 800	87, 258	77, 144	19, 154	19, 048	18, 827	18, 705
In family care.....	2, 051	2, 237	2, 917	2, 917	859	916	1, 065	1, 065
On parole or otherwise absent.....	74, 888	78, 563	84, 341	74, 227	18, 295	18, 132	17, 762	17, 700
Admissions during the year.....	248, 677	259, 080	259, 020	147, 955	14, 970	15, 174	15, 282	13, 772
First admissions.....	170, 258	142, 528	147, 752	104, 365	12, 060	12, 396	12, 336	10, 940
Readmissions.....	64, 801	50, 817	54, 881	34, 738	1, 281	1, 282	1, 509	1, 444
Transfers from other hospitals for mental disease or institutions for mental defectives and epileptics.....	13, 618	12, 069	10, 618	8, 852	1, 629	1, 526	1, 437	1, 388
Separations during the year.....	235, 850	241, 773	244, 270	132, 982	12, 848	12, 337	12, 685	11, 273
Discharges.....	168, 495	180, 747	184, 306	83, 220	7, 585	7, 104	7, 736	6, 715
Transfers to other hospitals for mental disease or institutions for mental defectives and epileptics.....	19, 368	13, 605	12, 838	9, 655	2, 014	2, 203	1, 809	1, 631
Deaths in hospitals or institutions.....	47, 052	46, 365	45, 859	39, 147	3, 075	2, 957	3, 037	2, 833
Deaths while on parole.....	935	1, 056	1, 207	960	174	73	103	94
Patients on books at end of year.....	620, 021	638, 145	656, 385	560, 916	143, 881	146, 558	150, 826	143, 756
In hospitals or institutions.....	540, 987	554, 454	564, 160	478, 003	125, 123	127, 797	132, 861	125, 849
Absent.....	79, 034	83, 691	92, 225	82, 913	18, 758	18, 761	17, 965	17, 907
In family care.....	2, 244	2, 635	3, 458	3, 457	933	1, 025	1, 126	1, 126
On parole or otherwise absent.....	76, 790	81, 056	88, 767	79, 456	17, 825	17, 736	16, 839	16, 781

¹ Includes 53,666 admissions to Veterans' Adm. hospitals not classified by type of admission for 1948 and 45,774 for 1949.

Source of tables 89 and 90: Federal Security Agency, Public Health Service; annual report, *Patients in Mental Institutions*.

NO. 91.—PATIENTS IN HOSPITALS FOR MENTAL DISEASE AND IN INSTITUTIONS FOR MENTAL DEFECTIVES AND EPILEPTICS, BY STATES: 1949

DIVISION AND STATE	PATIENTS IN HOSPITALS FOR MENTAL DISEASE ¹				MENTAL DEFECTIVES AND EPILEPTICS IN INSTI- TUTIONS					
	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 hos- pitals			All institutions			Public insti- tutions	
			Num- ber	Rate ²		Total ³	Defec- tives	Epilep- tics	Num- ber	Rate ³
United States.....	511,780	147,752	108,437	73.4	132,861	12,336	10,344	1,712	10,940	7.4
New England.....	43,665	12,907	10,019	108.2	13,267	1,007	883	113	962	10.4
Maine.....	2,815	665	508	50.0	1,125	103	103	-----	103	11.4
New Hampshire.....	2,524	837	836	154.8	657	46	42	-----	46	8.5
Vermont.....	1,907	509	807	99.7	420	65	57	7	65	17.7
Massachusetts.....	24,166	7,057	5,567	118.6	7,636	611	531	80	584	12.4
Rhode Island.....	3,337	1,002	850	115.3	758	53	45	5	50	6.8
Connecticut.....	8,916	2,837	1,891	93.8	2,671	129	105	21	114	5.7
Middle Atlantic.....	140,285	30,185	24,771	83.1	38,025	3,605	3,083	433	2,988	10.0
New York.....	84,549	18,266	15,163	105.6	21,658	2,092	1,904	180	1,817	12.6
New Jersey.....	18,761	4,926	4,380	90.8	6,654	690	563	91	634	13.1
Pennsylvania.....	30,955	6,993	5,228	49.2	9,713	823	616	162	537	5.1
East North Central.....	104,536	31,398	23,375	77.7	33,157	2,981	2,343	578	2,760	9.2
Ohio.....	23,673	7,884	5,967	74.8	7,705	695	386	200	505	7.5
Indiana.....	9,422	2,517	1,497	37.5	4,218	262	196	66	262	6.6
Illinois.....	36,217	10,781	9,203	109.5	9,761	796	679	102	718	8.6
Michigan.....	20,809	6,407	3,652	57.6	8,064	917	724	175	845	13.3
Wisconsin.....	14,415	3,809	3,056	91.1	3,409	411	358	26	340	10.1
West North Central.....	43,830	11,239	6,790	48.5	16,661	1,060	807	222	947	6.8
Minnesota.....	10,448	3,512	1,888	63.4	4,297	267	224	36	234	7.9
Iowa.....	8,960	2,399	1,122	42.5	3,469	292	236	56	282	10.7
Missouri.....	12,905	2,947	1,635	41.6	2,506	165	128	37	141	3.6
North Dakota.....	2,107	414	414	68.4	1,122	66	43	17	64	8.9
South Dakota.....	1,618	377	377	58.4	739	33	27	6	33	5.1
Nebraska.....	4,624	1,038	849	66.2	1,814	115	80	27	91	7.1
Kansas.....	5,078	652	505	26.3	2,114	122	69	43	112	5.8
South Atlantic.....	61,184	17,169	12,690	64.5	8,236	934	850	76	866	4.4
Delaware.....	1,263	363	363	117.1	277	28	28	-----	28	9.0
Maryland.....	8,404	2,185	1,259	58.8	1,631	161	134	21	132	6.2
Dist. of Columbia.....	6,554	1,147	1,147	136.5	689	42	42	-----	42	6.0
Virginia.....	10,122	2,478	2,286	75.1	2,218	302	254	48	275	9.0
West Virginia.....	4,512	1,398	1,387	71.5	429	8	8	-----	8	4.4
North Carolina.....	8,959	2,468	1,816	47.6	797	214	214	-----	214	5.6
South Carolina.....	5,187	1,883	1,602	75.8	976	61	58	1	61	3.1
Georgia.....	9,725	2,643	1,925	61.1	626	87	87	-----	87	2.8
Florida.....	6,468	2,604	1,005	40.9	493	31	25	6	19	1.8
East South Central.....	25,454	9,181	6,149	55.3	3,168	287	272	15	274	2.5
Kentucky.....	7,034	2,677	1,617	53.0	834	70	70	-----	67	2.0
Tennessee.....	7,314	2,525	1,454	45.2	709	28	28	-----	28	0
Alabama.....	6,312	1,978	1,567	53.8	1,188	173	158	15	173	5.9
Mississippi.....	4,794	2,001	1,611	70.0	347	16	16	-----	16	1.8
West South Central.....	34,981	11,243	8,736	61.2	6,972	668	453	188	619	4.3
Arkansas.....	4,826	1,603	1,582	81.0	-----	-----	-----	-----	-----	-----
Louisiana.....	7,316	2,568	1,863	71.1	923	103	87	16	103	3.9
Oklahoma.....	7,568	1,812	1,203	52.6	1,661	175	111	64	175	7.6
Texas.....	15,271	5,260	4,088	55.1	4,388	390	255	108	341	4.6
Mountain.....	13,041	4,336	2,743	57.7	3,293	253	217	25	251	5.3
Montana.....	1,875	396	366	76.6	506	40	31	1	40	7.7
Idaho.....	1,103	820	320	54.2	686	59	47	11	59	10.0
Wyoming.....	617	116	116	41.6	413	22	19	2	22	7.9
Colorado.....	5,351	2,002	671	50.0	872	71	63	8	71	5.9
New Mexico.....	1,061	508	240	42.0	97	21	21	-----	21	3.6
Arizona.....	1,443	575	575	78.0	-----	-----	-----	-----	-----	-----
Utah.....	1,230	309	309	45.4	713	38	34	3	38	5.6
Nevada.....	1,352	110	110	64.0	6	2	2	-----	-----	-----
Pacific.....	45,004	20,094	19,164	89.0	10,682	1,541	1,436	62	1,273	8.6
Washington.....	7,086	2,115	1,772	70.2	2,382	272	266	6	272	10.8
Oregon.....	4,256	1,604	1,264	72.9	1,168	148	148	-----	148	8.6
California.....	33,662	16,375	10,128	96.2	7,132	1,121	1,022	56	853	8.1

¹ Excludes patients in Veterans' Administration hospitals.

² Rate per 100,000 estimated civilian population July 1, 1949.

³ Includes 239 persons neither mentally defective nor epileptic.

Source: Federal Security Agency, Public Health Service; annual report, *Patients in Mental Institutions*.

MENTAL PATIENTS

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No. 92.—FIRST ADMISSIONS TO HOSPITALS FOR MENTAL DISEASE, BY MENTAL DISORDER AND SEX: 1948 AND 1949

[Excludes data from Veterans' Administration hospitals]

DIAGNOSIS	NUMBER				PERCENT DISTRIBUTION				Admitted to State hospitals, 1949
	1948	1949			1948	1949			
		Total	Male	Female		Total	Male	Female	
All patients.....	142,528	147,752	75,743	72,009	100.0	100.0	100.0	100.0	104,365
Total with psychoses.....	100,577	108,812	52,365	56,447	70.6	73.6	69.1	78.4	79,980
General paresis.....	4,407	3,876	2,779	1,096	3.1	2.0	3.7	1.5	3,641
With other forms of syphilis of the C. N. S.....	762	717	510	207	.5	.5	.7	.3	639
With epidemic encephalitis.....	181	155	93	62	.1	.1	.1	.1	119
With other infectious diseases.....	257	232	132	100	.2	.2	.2	.1	176
Alcoholic.....	5,706	6,015	5,395	1,218	4.0	4.5	7.1	1.7	5,055
Due to drugs and other exogenous poisons.....	771	774	363	411	.5	.5	.5	.6	413
Traumatic.....	571	581	459	122	.4	.4	.6	.2	476
With cerebral arteriosclerosis.....	16,363	17,581	9,015	7,666	11.5	11.9	13.1	10.6	15,139
With other disturbances of circulation.....	773	757	393	364	.5	.5	.5	.5	527
With convulsive disorders.....	1,635	1,608	876	732	1.1	1.1	1.2	1.0	1,397
Senile.....	14,216	14,866	6,707	8,159	10.0	10.1	8.9	11.3	11,252
Involuntional psychoses.....	7,623	8,486	2,263	6,223	5.3	5.7	3.0	8.6	4,487
Due to other metabolic, etc., diseases.....	834	804	333	471	.6	.5	.4	.6	622
Due to new growth.....	231	290	149	141	.2	.2	.2	.2	209
With organic changes of the nervous system.....	1,286	1,353	740	613	.9	.9	1.0	.9	1,117
Manic-depressive.....	9,972	10,487	3,588	6,899	7.0	7.1	4.7	9.6	5,685
Schizophrenia (dementia praecox).....	25,418	20,720	12,000	17,120	17.8	20.1	16.6	23.8	22,212
Paranoia and paranoid conditions.....	1,817	1,084	858	1,126	1.3	1.3	1.1	1.6	981
With psychopathic personality.....	1,186	1,212	710	493	.8	.8	.9	.7	866
With mental deficiency.....	2,685	2,595	1,386	1,209	1.8	1.8	1.8	1.7	2,360
Other and undiagnosed psychoses.....	3,983	4,113	2,098	2,015	2.8	2.8	2.8	2.8	2,607
Psychoneuroses.....	7,307	9,222	3,246	5,976	5.1	6.2	4.3	8.3	4,133
Total without psychoses.....	19,062	21,204	15,796	5,408	13.4	14.4	20.9	7.5	13,864
Epilepsy.....	517	527	324	203	.4	.4	.4	.3	406
Mental deficiency.....	1,855	1,453	926	527	1.0	1.0	1.2	.7	1,339
Alcoholism.....	10,742	12,171	10,111	2,060	7.5	8.2	13.4	2.8	7,056
Drug addiction.....	993	1,076	687	488	.7	.7	.8	.7	452
Personality disorders due to epidemic encephalitis.....	59	113	53	60	.0	.1	.1	.1	64
Psychopathic personality.....	1,592	1,682	1,187	495	1.1	1.1	1.6	.7	1,323
Primary behavior disorders.....	720	696	411	285	.5	.5	.5	.4	524
Other, unclassified, unknown.....	3,084	3,487	2,197	1,290	2.2	2.4	2.9	1.8	2,700
Mental disorders not reported.....	15,682	8,514	4,336	4,178	10.9	5.8	5.7	5.8	6,388

Source: Federal Security Agency, Public Health Service; annual report, *Patients in Mental Institutions*.

No. 93.—FIRST ADMISSIONS TO STATE HOSPITALS FOR MENTAL DISEASE—PATIENTS WITH PSYCHOSIS ONLY, BY SEX AND AGE: 1948 AND 1949

AGE	1948			1949		
	Total	Male	Female	Total	Male	Female
Total.....	77,124	39,477	37,647	79,980	41,691	38,289
Under 15 years.....	329	184	145	326	176	150
15 to 19.....	2,472	1,376	1,097	2,541	1,444	1,097
20 to 24.....	4,443	2,228	2,215	4,955	2,676	2,279
25 to 29.....	5,372	2,434	2,938	5,944	2,782	3,162
30 to 34.....	6,065	2,730	3,335	6,458	2,947	3,511
35 to 39.....	6,447	3,184	3,263	6,659	3,295	3,364
40 to 44.....	6,180	3,205	2,975	6,534	3,388	3,146
45 to 49.....	5,871	3,002	2,869	6,102	3,114	2,988
50 to 54.....	5,355	2,622	2,733	5,376	2,756	2,620
55 to 59.....	5,037	2,708	2,329	5,133	2,849	2,284
60 to 64.....	5,283	3,003	2,280	5,395	3,083	2,312
65 to 69.....	5,768	3,362	2,406	5,774	3,294	2,480
70 and over.....	18,092	9,235	8,857	18,382	9,628	8,754
Age unknown.....	410	205	205	401	259	142

Source: Federal Security Agency, Public Health Service; annual report, *Patients in Mental Institutions*.

NO. 94.—PATIENTS WITH PSYCHOSIS IN STATE HOSPITALS FOR MENTAL DISEASE— DISCHARGES, BY PSYCHOSIS: 1948 AND 1949

[Excludes patients who were treated for psychoneuroses and other non-psychotic conditions and discharged patients for whom mental disorder and condition on discharge were not reported]

PSYCHOSIS	1948				1949			
	Total	Recover- ed	Im- proved	Unim- proved and unclas- sified	Total	Recover- ed	Im- proved	Unim- proved and unclas- sified
Total	50,781	14,226	30,067	6,488	56,206	14,836	32,105	9,265
General paresis.....	2,320	314	1,735	280	2,323	338	1,507	418
Other forms of syphilis of the C. N. S.....	307	10	273	64	453	84	274	95
With epidemic encephalitis.....	109	19	66	24	94	13	59	22
With other infectious diseases.....	126	66	68	12	110	46	51	14
Alcoholic.....	4,200	2,189	1,867	243	5,077	2,593	1,868	616
Due to drugs and other exogenous poisons.....	431	227	168	36	458	227	197	34
Traumatic.....	286	59	188	39	366	60	228	69
With cerebral arteriosclerosis.....	3,277	551	2,121	605	3,608	496	2,235	877
With other disturbances of circulation.....	193	44	115	34	212	38	117	57
With convulsive disorders.....	1,017	181	672	164	1,201	181	784	236
Senile.....	1,415	152	879	384	1,646	142	946	558
Involutional psychoses.....	3,800	1,372	2,176	252	4,816	1,410	2,457	449
Due to other metabolic, etc., diseases.....	317	99	177	41	365	104	201	60
Due to new growth.....	34	6	15	13	41	8	22	11
With organic changes of the nervous system.....	370	52	223	95	432	50	228	154
Manic-depressive.....	9,854	4,226	4,825	803	9,876	4,161	4,980	714
Schizophrenia (dementia praecox).....	17,105	3,176	11,596	2,423	20,150	3,547	12,967	3,636
Paranoia and paranoid conditions.....	1,003	209	614	180	958	179	573	206
With psychopathic personality.....	1,092	486	471	135	1,178	546	405	137
With mental deficiency.....	1,641	360	998	283	1,768	352	1,034	382
Other, undiagnosed, and unknown.....	1,886	388	920	578	1,876	263	822	490

Source: Federal Security Agency, Public Health Service; annual report, *Patients in Mental Institutions*.

NO. 95.—FIRST ADMISSIONS TO INSTITUTIONS FOR MENTAL DEFECTIVES AND EPILEPTICS, BY SEX, MENTAL STATUS, AND TYPE OF EPILEPSY: 1949

STATUS AND TYPE	Total	STATE INSTITUTIONS			OTHER INSTITUTIONS		
		Total	Male	Female	Total	Male	Female
Total	12,336	10,940	6,109	4,831	1,396	762	634
Defective, total	10,344	9,187	5,118	4,074	1,157	636	521
Idiot.....	2,018	1,796	1,002	794	222	118	104
Imbecile.....	3,174	2,863	1,664	1,299	311	168	143
Moron.....	3,694	3,199	1,815	1,384	395	230	165
Not reported.....	1,558	1,320	732	597	229	120	109
Epileptic, total	1,712	1,611	933	678	101	50	51
Symptomatic.....	610	558	310	248	52	30	22
Idiopathic.....	778	751	426	325	27	9	18
Not reported.....	324	302	197	105	22	11	11
Neither defective nor epileptic.....	280	142	63	79	138	76	62

Source: Federal Security Agency, Public Health Service; annual report, *Patients in Mental Institutions*.

No. 96.—REPORTABLE DISEASES—PROVISIONAL NUMBER OF CASES REPORTED FOR SELECTED CAUSES, BY MONTHS: 1950

[Includes cases reported in military establishments in the United States. Figures on number of reported cases of communicable diseases in this and following table should be interpreted with caution. Reporting of most of these diseases is known to be seriously incomplete, with degree of completeness varying from State to State. 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. Names of diseases are in conformity with the *Sixth Revision of the International List*, 1948]

DISEASE	Total ¹	January	February	March	April	May	June	July	August	September	October	November	December
Typhoid fever.....	2,532	147	146	153	117	139	224	357	373	296	251	181	148
Brucellosis (undulant fever).....	3,163	241	257	305	283	254	313	293	287	251	204	248	227
Scarlet fever and streptococcal sore throat.....	77,748	8,328	9,673	10,736	8,416	7,271	4,637	3,304	3,119	3,413	4,869	6,144	7,788
Diphtheria.....	5,931	726	609	603	452	321	255	267	309	514	707	611	556
Whooping cough.....	120,157	9,554	10,788	13,238	11,603	13,061	11,768	10,678	9,784	7,941	6,269	8,054	7,429
Meningococcal infections.....	3,700	364	352	486	397	303	293	246	201	204	263	259	327
Tularemia.....	594	107	81	94	74	84	86	96	74	67	33	48	90
Acute poliomyelitis.....	33,209	469	392	349	279	423	1,046	3,267	6,045	8,670	6,419	3,623	1,627
Acute infectious encephalitis.....	1,051	47	53	65	62	56	77	93	152	116	108	121	101
Smallpox.....	42	7	3	3	10	2	2	2	2	2	2	4	7
Measles.....	321,084	18,337	30,101	47,124	54,031	67,641	50,754	17,033	5,099	2,571	3,855	8,586	15,122
Endemic typhus fever.....	686	49	44	42	50	51	71	84	81	99	45	35	35
Rocky Mountain spotted fever.....	467	4	5	5	6	51	97	119	100	45	22	6	7
Malaria.....	2,227	118	132	157	212	201	281	352	280	229	112	88	85
Veneral diseases:													
Gonococcal infection ²	286,746			71,200			70,130			79,216			66,200
Syphilis and its sequelae ²	217,553			56,207			57,385			52,320			51,646

¹ Final data by month are not available. Sum of monthly distribution differs from final annual figures for 1950 shown in table 97, p. 88.

² Reports received by quarters only.

Source: Federal Security Agency, Public Health Service.

No. 97.—REPORTABLE DISEASES—NUMBER OF CASES REPORTED: 1944 TO 1950

[For qualifications of data, see headnote, table 96. Names of diseases are in conformity with the *Sixth Revision of the International Lists, 1948*. For rates for selected diseases, see *Historical Statistics*, series O 85-91.]

DISEASE	1944	1945	1946	1947	1948	1949	1950
Typhoid fever.....	14,810	4,211	3,268	13,131	12,898	12,848	12,528
Brucellosis (undulant fever).....	4,436	5,049	5,887	6,321	4,991	4,235	3,510
Scarlet fever and streptococcal sore throat.....	200,539	185,570	125,511	93,595	91,295	87,220	64,491
Diphtheria.....	14,150	18,675	16,354	12,262	6,493	7,909	5,796
Whooping cough.....	109,873	133,792	109,860	156,517	74,715	69,479	120,719
Meningococcal infections.....	16,312	8,142	5,693	3,420	3,376	3,519	3,787
Tularemia.....	781	900	1,355	1,401	1,083	1,179	927
Acute poliomyelitis.....	19,029	13,624	25,698	10,827	27,726	42,033	33,303
Acute infectious encephalitis.....	793	785	728	785	730	903	1,135
Smallpox.....	397	346	337	176	57	40	39
Measles.....	630,291	146,013	695,843	222,375	615,104	625,281	310,127
Endemic typhus fever.....	5,399	5,193	3,365	2,050	1,171	985	685
Rocky Mountain spotted fever.....	470	472	587	596	547	570	464
Malaria.....	57,629	62,763	48,160	15,116	9,606	4,151	2,184
Veneral diseases:							
Gonococcal infection.....	287,050	313,363	415,855	380,666	345,501	317,950	286,746
Syphilis and its sequelae.....	397,009	351,767	385,524	365,592	314,313	256,463	217,558

¹ Reported cases of paratyphoid included for 1 State in 1944 and for 2 States, 1947-50.

Source: Federal Security Agency, Public Health Service. Published in *Vital Statistics of the United States, 1950*.

No. 98.—PHYSICIANS AND DENTISTS, AND MEDICAL AND DENTAL SCHOOLS: 1920 TO 1951

[See also *Historical Statistics*, series C 79-84]

ITEM	1920	1930	1940	1945	1947	1948	1949	1950	1951
Physicians, number.....	144,977	153,803	175,382	(¹)	(¹)	199,745	201,277	209,040	(¹)
Medical schools:									
Number.....	85	76	77	77	78	79	79	79	79
Graduates.....	3,047	4,566	5,097	5,136	5,389	5,543	5,094	5,553	6,136
Dentists, number.....	56,162	71,055	70,601	(¹)	(¹)	75,645	(¹)	86,870	(¹)
Dental schools:									
Number.....	46	38	39	39	40	41	41	42	42
Graduates.....	906	1,561	1,787	3,212	2,225	1,759	1,574	2,565	(¹)

¹ Not available.

Source: Federal Security Agency, Public Health Service. (Compiled from various sources.)

NO. 99.—NUTRITION—APPARENT CIVILIAN PER CAPITA CONSUMPTION OF MAJOR FOOD COMMODITIES: 1935 TO 1951

[In pounds. Data on calendar year basis except as follows: Dried fruit, pack year; fresh citrus fruits, peanuts, and rice, crop year beginning previous year. See also *Historical Statistics*, series C 128-156]

COMMODITY	1935-39, average	1945	1946	1947	1948	1949	1950	1951 ¹
Meats (carcass weight), total.....	126.2	144.4	153.4	155.0	145.4	143.9	143.7	141
Beef.....	55.2	59.0	61.3	69.1	62.6	63.5	63.0	58
Veal.....	8.1	11.8	9.9	10.7	9.4	8.7	7.9	7
Lamb and mutton.....	6.8	7.3	6.6	5.4	5.0	4.1	4.0	3
Pork (excluding lard).....	56.1	66.3	75.6	69.8	68.4	67.6	68.8	73
Fish (edible weight), total.....	11.1	10.6	11.0	10.6	11.0	11.4	11.5	(2)
Fresh and frozen.....	5.3	7.1	6.2	6.2	6.3	6.4	6.3	(2)
Canned.....	4.8	2.6	3.8	3.6	3.8	4.1	4.3	(2)
Cured.....	1.0	.9	1.0	.8	.9	.9	.9	(2)
Poultry products:								
Eggs.....	37.3	49.6	46.8	47.4	48.2	47.7	49.4	52.9
Eggs (number).....	298	397	374	379	386	381	395	406
Chicken (dressed weight).....	17.9	28.8	25.4	23.6	23.1	25.5	27.0	29.7
Turkey (dressed weight).....	2.6	4.3	4.5	4.5	3.6	4.2	5.0	5.5
Dairy products:								
Total milk (whole milk equivalent).....	801	804	813	787	761	761	775	787
Cheese.....	5.5	6.6	6.7	6.9	6.9	7.2	7.5	7.5
Condensed and evaporated milk.....	16.7	18.2	18.5	20.3	20.1	19.6	20.1	18.6
Fluid milk and cream.....	340	432	423	398	387	384	385	395
Fats and oils, total, fat content.....	44.7	38.9	39.7	42.0	42.6	42.3	45.5	43.2
Butter, farm and factory (actual weight).....	16.7	10.9	10.5	11.2	10.0	10.5	10.8	9.7
Lard.....	11.0	11.6	11.8	12.7	12.9	11.8	12.2	12.6
Margarine (actual weight).....	2.9	4.0	3.8	5.0	6.1	5.7	6.1	6.7
Shortening.....	11.7	9.1	10.1	9.3	9.6	9.6	11.0	9.2
Other edible fats and oils.....	6.3	6.2	6.2	6.9	7.2	7.8	8.6	8.2
Fruits:								
Fresh, total.....	138.5	143.1	138.3	143.5	130.6	125.0	108.6	119.3
Citrus.....	48.9	60.2	58.7	61.8	53.0	47.4	40.9	45.1
Apples (commercial).....	30.4	22.9	23.2	25.3	25.8	24.8	22.8	24.9
Other (excluding melons).....	59.2	64.0	56.4	56.4	50.9	52.8	44.9	49.3
Processed:								
Canned fruit.....	14.9	14.3	21.8	18.2	18.0	18.2	20.9	19.7
Canned juices.....	3.9	10.9	17.7	15.5	17.3	15.4	13.7	15.5
Frozen.....	.8	2.3	3.1	3.2	3.0	3.5	4.3	4.8
Dried.....	5.8	5.9	4.0	4.0	4.2	4.6	4.3	4.0
Vegetables:								
Fresh.....	235	207	272	252	261	249	253	251
Canned.....	29.9	42.9	46.5	39.8	37.0	38.3	41.7	41.5
Frozen.....	4.4	1.9	2.0	2.6	3.0	3.0	3.3	3.5
Potatoes.....	131	125	127	124	112	108	103	104
Sweet potatoes.....	21.4	18.8	18.2	15.9	13.0	14.3	14.7	10.1
Dry edible beans.....	8.8	7.8	8.7	6.4	6.8	7.0	8.5	8.9
Sugar (refined).....	97.0	73.5	74.4	91.1	95.6	94.0	95.5	95-98
Grains:								
Corn products:								
Corn meal.....	22.9	18.0	15.9	14.0	13.8	13.5	13.5	13.5
Corn sirup.....	7.6	11.9	11.8	12.8	8.2	8.5	9.1	9.5
Corn starch.....	1.3	1.9	1.8	1.9	1.7	1.8	1.9	2.0
Corn sugar.....	2.7	3.9	3.8	4.5	4.0	4.1	4.5	4.5
Breakfast cereals.....	1.6	2.1	1.9	1.4	1.5	1.5	1.5	1.5
Hominy.....	1.4	2.6	2.7	3.1	2.9	2.7	2.7	2.7
Oatmeal.....	3.9	3.5	3.1	2.8	2.9	2.9	3.0	3.0
Barley food products.....	1.4	1.5	2.0	1.9	1.5	1.5	1.6	1.6
Wheat:								
Flour.....	159	159	156	138	137	135	133	133
Breakfast cereals.....	3.7	3.7	3.3	3.3	3.3	3.3	3.3	3.3
Rye flour.....	2.2	2.5	1.8	1.3	1.4	1.4	1.4	1.5
Rice, milled.....	5.6	4.9	4.0	4.7	5.0	5.0	5.0	5.7
Beverages:								
Coffee.....	14.0	16.3	19.9	17.3	18.3	18.6	16.1	16.6
Tea.....	.67	.55	.57	.58	.56	.59	.65	.7
Cocoa beans.....	4.4	3.4	4.2	4.1	3.8	4.0	4.3	4.4
Peanuts (shelled).....	4.3	6.5	4.9	4.6	4.3	4.1	4.3	4.4

¹ Preliminary.

² Data not available.

³ Excludes canned food products containing small quantities of fish such as clam chowder, etc.

⁴ Average for 1937-39.

⁵ In terms of malt equivalent.

⁶ Comprises white, whole wheat, and semolina flour.

⁷ Green bean basis.

No. 100.—NUTRITION—NUTRIENTS AVAILABLE FOR CIVILIAN CONSUMPTION PER CAPITA PER DAY: 1935 TO 1951

[Computed by Bureau of Human Nutrition and Home Economics on basis of estimates of apparent civilian consumption (retail basis) including estimates of consumption from urban gardens, supplied by Bureau of Agricultural Economics. 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*, series C 122-127]

NUTRIENTS	Units	1935-39, average	1945	1946	1947	1948	1949	1950	1951 ¹
Food energy.....	Cal.....	3,280	3,340	3,300	3,330	3,260	3,230	3,280	3,280
Protein.....	Grams.....	89	103	104	97	94	94	95	94
Fat.....	do.....	132	140	147	142	142	141	145	145
Carbohydrate.....	do.....	451	420	417	411	402	401	404	404
Calcium.....	do.....	.94	1.12	1.15	1.08	1.05	1.05	1.06	1.07
Iron.....	Mg.....	13.6	18.3	18.6	17.3	16.5	16.5	16.5	16.6
Vitamin A value.....	I. U.....	8,100	9,800	9,500	8,800	8,600	8,600	8,700	8,300
Thiamine.....	Mg.....	1.43	2.09	2.18	1.96	1.93	1.90	1.92	1.94
Riboflavin.....	do.....	1.86	2.54	2.58	2.42	2.35	2.34	2.34	2.30
Niacin.....	do.....	15.2	21.3	21.3	19.8	19.0	19.0	19.0	19.1
Ascorbic acid.....	do.....	115	139	137	129	125	121	120	123

¹ Preliminary.

Source: Department of Agriculture, Bureau of Agricultural Economics, in cooperation with Bureau of Human Nutrition and Home Economics; published quarterly in *National Food Situation*.

No. 101.—SCHOOL LUNCH PROGRAMS RECEIVING FEDERAL ASSISTANCE: 1936 TO 1951

[Expenditures for year ending June 30. Participation data for peak month. See text, p. 58]

PROGRAM	1936	1940	1945	1947	1948	1949	1950	1951
Federal expenditure, total (\$1,000) ..	244	3,963	47,469	77,619	86,768	94,900	120,467	116,811
Indemnity plan: ³								
Schools participating.....		15	35,268	44,537	44,542	47,803	54,157	54,425
Children participating (1,000).....		7	4,630	6,016	6,015	6,960	7,840	8,037
Federal expenditure (\$1,000).....		1	41,613	50,875	53,989	58,875	64,505	68,275
Direct distribution of food:								
Under Section 32:								
Schools participating.....	(4)	33,594	22,623	20,147	40,020	30,376	56,158	(4)
Children participating (1,000).....	(4)	2,496	3,938	4,834	7,203	6,542	10,120	9,901
Federal expenditure (\$1,000).....	244	3,962	5,796	2,312	10,341	21,560	36,193	15,195
Under Section 6:								
Schools participating.....				29,826	28,643	34,675	39,053	(4)
Children participating (1,000).....				5,510	4,987	5,551	6,154	7,230
Federal expenditure (\$1,000).....				5,735	13,438	14,475	17,401	13,700

¹ Includes \$9,697,000 expended for equipment.

² Includes amounts not shown separately for cost of food distributed to schools under Sec. 416 of Agricultural Act of 1949 (\$1,687,000 for 1950, and \$19,641,000 for 1951) and forecast of 1949 crop potatoes delivered prepaid under Public Law 471 (\$321,000 for 1950).

³ For 1949, represents School Milk Program. Beginning 1943, represents both School Milk Program and Indemnity Plan, which were merged in 1943.

⁴ Not available.

Source: Department of Agriculture, Production and Marketing Administration.

No. 102.—FEDERAL FOOD DISTRIBUTION PROGRAMS FOR INSTITUTIONS AND WELFARE CASES: 1936 TO 1951

[Cost for years ending June 30. Participation data for peak month. See text p. 58]

PROGRAM	1936	1940	1945	1947	1948	1949	1950	1951
Direct distribution:								
Persons participating (1,000).....	10,431	11,910	945	927	1,179	1,106	2,202	2,540
Cost (\$1,000).....	31,792	57,674	7,043	2,873	13,742	14,002	24,451	25,304
Food stamp program:								
Persons participating (1,000).....		1,488						
Cost (\$1,000).....		16,414						
Relief milk program:								
Persons participating (1,000).....		(4)						
Cost (\$1,000).....		692						

¹ Not available.

Source: Department of Agriculture, Production and Marketing Administration; *Agricultural Statistics*.

No. 103.—SCHOOL LUNCH PROGRAM (INDEMNITY PLAN)—SCHOOLS AND CHILDREN PARTICIPATING: FISCAL YEAR 1951

[See text p. 58]

STATE OR OTHER AREA	ELEMENTARY AND SECONDARY SCHOOLS			CHILDREN IN ELEMENTARY AND SECONDARY SCHOOLS		
	Total number ¹	Number participating (peak month) ²	Percent participation	Total enrollment ¹	Number participating (peak month) ²	Percent participation
Total.....	187,832	54,425	29.0	28,065,623	8,636,762	30.8
Continental U. S.....	185,361	52,174	28.1	27,530,572	8,348,581	30.3
Alabama.....	4,359	1,367	31.4	673,007	246,265	36.6
Arizona.....	554	232	43.4	139,218	48,683	35.0
Arkansas.....	3,792	909	24.0	424,767	151,384	35.6
California.....	4,746	2,617	55.1	1,811,800	521,238	28.8
Colorado.....	2,135	409	19.2	233,100	53,326	22.9
Connecticut.....	1,148	325	28.3	325,057	52,808	16.2
Delaware.....	238	85	31.1	51,575	17,364	33.7
District of Columbia.....	2,477	163	68.5	113,458	41,911	36.9
Florida.....	4,368	818	33.0	441,683	168,281	38.1
Georgia.....	992	1,350	31.1	730,305	256,672	34.7
Idaho.....	10,569	285	28.7	111,402	41,653	37.4
Illinois.....	3,472	2,801	26.5	1,437,348	528,816	36.8
Indiana.....	8,445	1,212	34.9	732,457	192,538	26.3
Iowa.....	4,966	1,068	12.6	522,041	155,658	29.8
Kansas.....	6,316	817	16.5	365,180	87,037	23.8
Kentucky.....	3,148	1,203	19.0	597,142	191,475	32.1
Louisiana.....	1,998	1,657	52.6	527,237	350,034	66.4
Maine.....	1,325	516	25.8	189,708	43,007	22.7
Maryland.....	2,889	646	48.8	380,288	113,782	29.9
Massachusetts.....	6,130	1,813	62.8	777,819	276,511	35.5
Michigan.....	6,071	2,098	34.2	1,215,409	336,075	27.7
Minnesota.....	5,186	1,250	18.8	504,557	205,649	40.8
Mississippi.....	8,166	1,008	21.2	531,581	169,955	32.0
Missouri.....	1,624	1,662	20.4	732,673	209,163	28.5
Montana.....	5,849	217	13.4	109,950	23,150	21.1
Nebraska.....	238	405	6.9	250,941	48,838	19.5
Nevada.....	715	57	23.9	28,763	5,350	18.6
New Hampshire.....	2,300	251	35.1	94,828	20,599	21.7
New Jersey.....	883	1,079	46.7	796,131	173,178	21.8
New Mexico.....	8,561	287	32.5	157,770	38,736	24.6
New York.....	4,790	3,042	35.5	2,362,850	750,281	31.8
North Carolina.....	3,780	1,373	28.7	864,140	338,509	39.2
North Dakota.....	5,083	523	13.8	124,759	32,851	26.3
Ohio.....	3,603	1,558	30.7	1,367,355	307,670	22.5
Oklahoma.....	1,543	1,500	44.1	454,327	139,515	30.7
Oregon.....	9,503	540	35.0	259,807	76,018	29.3
Pennsylvania.....	512	2,519	26.5	1,875,192	346,391	18.4
Rhode Island.....	3,927	230	44.9	131,263	24,887	19.0
South Carolina.....	8,788	1,456	37.1	483,832	197,141	40.7
South Dakota.....	5,506	199	5.3	125,133	17,563	14.0
Tennessee.....	8,515	1,864	33.9	654,506	242,749	37.1
Texas.....	521	2,392	28.1	1,884,188	360,579	26.0
Utah.....	1,050	320	61.4	149,726	57,458	38.4
Vermont.....	4,171	307	29.2	70,949	21,573	30.4
Virginia.....	1,711	1,195	28.7	592,690	193,634	32.7
Washington.....	4,590	862	50.4	443,715	158,079	35.6
West Virginia.....	7,581	1,518	33.1	438,831	121,870	27.8
Wisconsin.....	665	1,758	23.2	612,383	169,303	27.6
Wyoming.....	114	216	32.5	58,561	15,365	26.2
Alaska.....	223	9	7.9	10,889	1,226	11.3
Hawaii.....	2,101	156	70.0	107,924	62,045	57.5
Puerto Rico.....	33	2,053	97.7	409,839	220,510	53.8
Virgin Islands.....		33	100.0	6,399	4,400	68.8

¹ Source: U. S. Office of Education. Data on number of schools 1947-48; number of children 1948-49.² November 1950. Number of schools or children may have been higher in some States during other months, but November was the peak month in terms of children participating nationally.

Source: Department of Agriculture, Production and Marketing Administration.

3. Immigration, Emigration, and Naturalization

(Sent to print February 15, 1952)

Aliens or citizens arriving or departing by vessel or airplane at ports other than land border ports of the United States are recorded on passenger and crew lists or manifests by officials of the transportation companies, these lists or manifests being delivered to the Immigration and Naturalization Service of the Department of Justice. Persons going by land or air between Mexico or Canada and the United States are required to enter or depart at land border stations where they are registered by officers of the Immigration and Naturalization Service. Statistics of immigration and emigration are prepared from these and other records by the Immigration and Naturalization Service.

Immigration.—Although the reporting of alien arrivals was required at an early date in certain of the colonies and original States, the continuous record of immigration to the United States begins with the fiscal year ending September 30, 1820. 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. No report was published for 1942. For subsequent fiscal years, Annual Reports of the Immigration and Naturalization Service (submitted by the Commissioner to the Attorney General) were published in mimeographed form.

Since 1820 the official immigration statistics (see table 104) have changed considerably in completeness and in the basis of reporting. 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. Hawaii, Puerto Rico, and Alaska were treated as integral parts of the United States for purposes of immigration and emigration statistics beginning in 1901, 1902, and 1904 respectively. 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 immigrant arrivals (i. e., omitting aliens coming for temporary stay). Subsequent to the passage of the Act of 1891 which increased the number of excludable classes, the basis of reporting was changed from arrivals to admissions (i. e., omitting aliens not permitted to enter the United States), except for the period 1895 to 1897, inclusive, when the reporting of arrivals was resumed.

Two classes of alien admissions are now reported, immigrant and nonimmigrant (see table 105). Included in the nonimmigrant class are aliens admitted under section 3 of the Immigration Act of 1924 (see table 111), returning resident aliens, students, and others. An immigrant alien is defined as an alien, other than a returning resident, admitted for permanent residence, under either quota or nonquota status. Nonquota

immigrants admitted comprise immigrants born in Canada, Newfoundland, Mexico, Cuba, Haiti, the Dominican Republic, the Canal Zone, and independent countries of Central and South America, and their wives and unmarried children under age 18 if accompanying or following to join such immigrants; relatives of citizens of the United States (wives, husbands, unmarried children under age 21); ministers and professors who enter solely for the purpose of carrying on their vocations, and their wives and unmarried children under age 18, if accompanying or following to join such ministers and professors; and others. Certain temporary admissions such as of persons in possession of border-crossing identification cards are not included either in the immigrant or nonimmigrant totals.

Emigration.—No official record of emigration was kept prior to July 1, 1907. Alien departures are classified as emigrant and nonemigrant (see table 105). For statistical purposes an alien emigrant is an alien resident of the United States departing with the declared intention of residing permanently in a foreign country. The nonemigrant category includes both alien residents of the United States departing for a temporary sojourn abroad, and aliens leaving the United States after a temporary stay.

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.

Alien registration.—The Act of June 28, 1940, required the registration of all aliens remaining in the United States (including Alaska, Hawaii, Puerto Rico, and the Virgin Islands) for a period of thirty days or longer. Aliens resident in the United States on August 27, 1940, were required to register on or before December 26, 1940. Aliens arriving subsequent to August 27, 1940, and not registered by the consul granting visas were required to register within thirty days of arrival.

Historical statistics.—See preface and historical appendix. Tabular headnotes (as "See also *Historical Statistics*, series B 304") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*.

FIG. V.—QUOTA IMMIGRANTS ADMITTED: 1925 TO 1951

[See table 107]

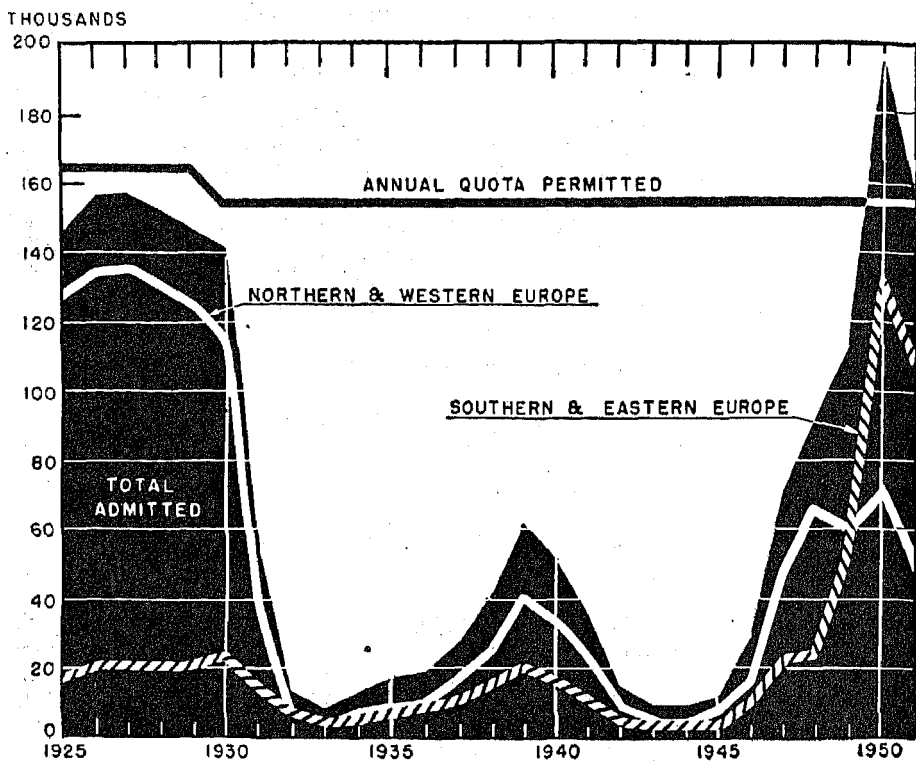
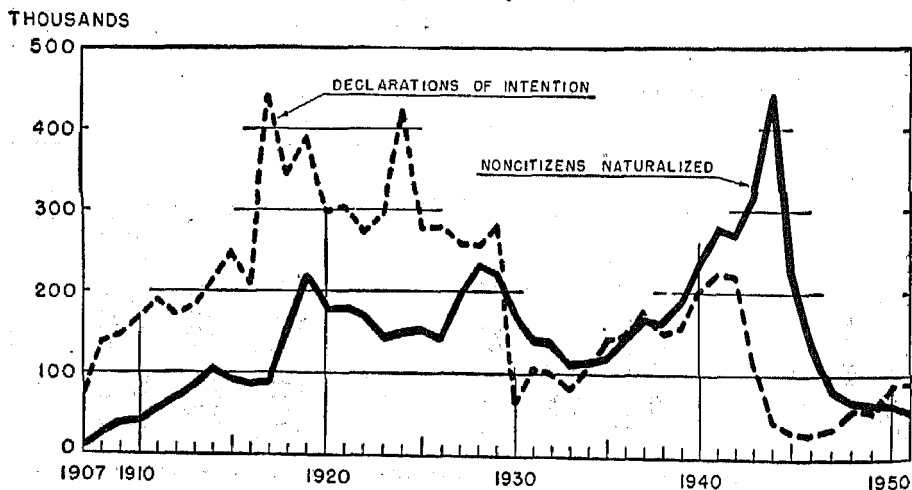


FIG. VI.—NATURALIZATION: 1907 TO 1951

[See table 117]



Source of figs. V and VI: Department of Justice, Immigration and Naturalization Service.

No. 104.—IMMIGRATION: 1820 TO 1951

[Data are for fiscal years ending June 30, except as noted; for periods they are totals, not annual averages. From 1819 to 1867 figures represent alien passengers arriving; for 1868 to 1891 inclusive and 1895 to 1897 inclusive, immigrant alien arrivals; for 1892 to 1894 and from 1898 to the present time, immigrant aliens admitted. See also *Historical Statistics*, series B 304]

PERIOD	Number	PERIOD	Number	YEAR	Number
1820-1830 ¹	151, 824	1911-1915.....	4, 459, 831	1948.....	170, 570
1831-1840 ²	599, 125	1916-1920.....	1, 275, 980	1949.....	188, 317
1841-1850 ³	1, 713, 251	1921-1925.....	2, 638, 913	1950.....	249, 187
1851-1860 ³	2, 598, 214	1926-1930.....	1, 468, 296	1951.....	205, 717
1861-1870 ⁴	2, 314, 824	1931-1935.....	220, 209	Calendar years:	
1871-1880.....	2, 812, 191	1936-1940.....	308, 222		
1881-1890.....	5, 246, 613	1941-1945.....	170, 952		
1891-1900.....	3, 687, 564	1946-1950.....	864, 087		
1901-1905.....	3, 833, 076	1945.....	38, 119		
1906-1910.....	4, 962, 310	1946.....	108, 721		
		1947.....	147, 292	1950.....	203, 407
				1945.....	45, 603
				1946.....	148, 954
				1947.....	169, 571
				1948.....	170, 420
				1949.....	248, 987
				1950.....	203, 407

¹ Oct. 1, 1819, to Sept. 30, 1830.

² Oct. 1, 1830, to Dec. 31, 1840.

³ Calendar years.

⁴ Jan. 1, 1861, to June 30, 1870.

No. 105.—ALIENS ADMITTED AND DEPARTING: 1911 TO 1951

[See also *Historical Statistics*, series B 304, B 350-352]

PERIOD OR YEAR ENDING—	ADMITTED			DEPARTING			EXCESS OF ADMISSIONS OVER DEPARTURES ¹	
	Total	Immigrant	Nonimmigrant	Total	Emigrant	Nonemigrant	Total	Immigrant over emigrant
June 30:								
1911-1915, total.....	5, 312, 007	4, 459, 831	852, 176	2, 763, 410	1, 444, 530	1, 318, 880	2, 548, 597	3, 015, 301
1916-1920, total.....	1, 800, 075	1, 275, 980	524, 095	1, 224, 747	702, 404	522, 343	575, 328	673, 516
1921-1925, total.....	3, 421, 811	2, 638, 913	782, 898	1, 414, 236	697, 307	716, 929	2, 007, 575	1, 941, 516
1926-1930, total.....	2, 400, 279	1, 408, 206	991, 983	1, 280, 542	347, 079	932, 863	1, 179, 737	1, 120, 617
1931-1935, total.....	949, 903	220, 209	729, 694	1, 188, 597	323, 893	864, 734	-238, 094	-103, 654
1936-1940, total.....	1, 152, 599	308, 222	844, 377	1, 008, 053	135, 875	872, 178	144, 546	173, 347
1941-1945, total.....	712, 422	170, 952	541, 470	399, 522	42, 696	356, 826	312, 900	128, 256
1946-1950, total.....	2, 785, 976	864, 087	1, 919, 889	1, 862, 771	113, 703	1, 749, 068	921, 205	760, 384
1945.....	202, 366	38, 119	164, 247	93, 362	7, 442	85, 920	109, 004	30, 677
1946.....	312, 190	108, 721	203, 469	204, 353	13, 145	196, 210	107, 837	90, 575
1947.....	513, 597	147, 292	366, 305	323, 422	22, 501	300, 921	197, 175	124, 701
1948.....	646, 576	170, 570	476, 006	448, 218	26, 575	427, 543	193, 358	149, 695
1949.....	635, 889	188, 317	447, 272	430, 089	24, 588	405, 503	205, 500	163, 731
1950.....	676, 024	249, 187	426, 837	456, 689	27, 508	429, 091	219, 335	221, 589
1951.....	670, 823	205, 717	465, 106	472, 901	26, 174	446, 727	197, 922	179, 543
Dec. 31:								
1947.....	620, 187	169, 571	450, 616	410, 601	21, 110	389, 491	209, 585	149, 461
1948.....	641, 307	170, 420	470, 887	438, 518	21, 776	416, 742	202, 789	148, 644
1949.....	679, 028	248, 987	430, 041	431, 840	26, 577	405, 272	248, 070	222, 410
1950.....	655, 614	203, 407	452, 207	475, 646	27, 881	447, 765	179, 968	175, 526

¹ Excess of departures indicated by a minus (-) sign.

No. 106.—ALIENS EXCLUDED AND DEPORTED: 1901 TO 1951

PERIOD ENDING JUNE 30	Excluded	Deported	YEAR ENDING JUNE 30	Excluded	Deported	Deportable aliens required to depart	Indigent aliens re- turned at their re- quest
1901-1905, total.....	37, 132	2, 999	1943.....	1, 495	4, 207	11, 047	5
1906-1910, total.....	71, 079	8, 569	1944.....	1, 642	7, 179	32, 270	4
1911-1915, total.....	115, 496	15, 879	1945.....	2, 841	11, 270	69, 490	12
1916-1920, total.....	62, 613	12, 033	1946.....	2, 942	14, 375	101, 945	21
1921-1925, total.....	103, 803	28, 427	1947.....	4, 771	18, 663	195, 880	88
1926-1930, total.....	85, 604	63, 780					
1931-1935, total.....	33, 277	74, 631	1948.....	4, 905	20, 371	197, 184	55
1936-1940, total.....	34, 940	42, 455	1949.....	3, 334	20, 040	275, 297	128
1941-1945, total.....	10, 240	30, 772	1950.....	3, 571	6, 628	572, 477	85
1946-1950, total.....	20, 023	30, 077	1951.....	3, 784	13, 544	673, 169	101

Source of tables 104, 105, and 106: Department of Justice, Immigration and Naturalization Service; *Annual Report*, releases, and records.

**NO. 107.—ANNUAL QUOTAS ALLOTTED AND QUOTA IMMIGRANTS ADMITTED, BY
QUOTA COUNTRY OR REGION: YEARS ENDING JUNE 30, 1936 TO 1951**

[Number of aliens admitted annually of any nationality subject to the quota law was limited by Immigration Act of 1921 to 3 percent of number of foreign-born of such nationality resident in continental United States as determined by 1910 census; and by population plan of act of 1924, to 2 percent according to 1890 census. National origins clause of 1924 act, effective July 1, 1929, provided that quota of any nationality be computed by applying to 150,000 the ratio between calculated number of inhabitants in continental United States in 1920 owing their origin to nationality concerned and the total inhabitants in the United States of all nationalities subject to quota law. (For estimates of white population by countries of origin, calculated as a basis for immigration quotas, see table 97, *Statistical Abstract*, 1932.) Under 1924 act, minimum quota is 100; for non quota classes, see general note, p. 92]

QUOTA COUNTRY OR REGION ¹	Annual quota 1936- 1951 ²	QUOTA IMMIGRANTS ADMITTED						
		1936- 1940	1941- 1945	1946- 1950	1948	1949	1950	1951
All countries.....	154,277	203,330	80,879	502,828	92,526	113,046	197,460	156,547
Europe.....	150,572	199,792	78,202	494,713	90,632	111,443	195,671	154,759
Northern and western Europe...	125,853	127,414	49,388	259,802	67,395	59,578	69,366	47,026
Belgium.....	1,304	1,435	2,001	5,252	1,308	1,270	970	901
Denmark.....	1,181	1,188	761	4,738	1,172	1,109	1,101	1,082
France.....	3,086	3,438	3,850	13,937	3,060	2,997	3,187	2,900
Germany ⁴	25,957	93,910	21,723	78,855	17,229	12,819	31,611	14,637
Great Britain and Northern Ireland.....	65,721	14,551	14,885	96,430	27,774	23,543	17,194	15,369
Iceland.....	100	25	98	376	56	68	88	96
Ireland.....	17,853	4,298	1,043	24,950	7,444	8,505	6,444	3,810
Luxembourg.....	100	81	218	335	82	94	74	59
Netherlands.....	3,153	2,816	2,043	12,458	3,615	2,901	3,067	3,102
Norway.....	2,377	1,966	926	9,170	2,460	2,303	2,179	2,248
Sweden.....	3,314	1,556	627	7,692	1,965	2,370	1,870	1,360
Switzerland.....	1,707	2,160	1,213	5,609	1,331	1,503	1,666	1,872
Southern and eastern Europe...	24,719	72,378	28,814	234,911	23,237	51,865	126,305	107,733
Austria ⁴	1,413	978	-----	11,460	1,692	1,327	6,153	1,361
Bulgaria.....	100	423	153	439	81	65	177	231
Czechoslovakia.....	2,374	9,833	3,316	13,771	2,831	3,255	4,058	3,870
Estonia.....	116	309	151	7,444	127	1,716	5,387	2,230
Finland.....	569	1,526	628	2,248	516	497	518	556
Greece.....	310	1,795	1,237	1,348	213	426	285	3,638
Hungary.....	869	4,735	1,360	7,818	882	1,445	4,054	5,079
Italy.....	5,677	16,943	1,244	23,003	5,631	5,207	5,861	4,325
Latvia.....	236	735	443	21,714	300	3,634	17,430	11,220
Lithuania.....	386	1,428	645	19,326	468	6,452	11,774	4,568
Poland.....	6,524	18,189	10,602	88,957	6,143	21,462	50,692	46,796
Portugal.....	440	1,656	1,523	2,080	445	402	426	384
Rumania.....	291	2,028	1,233	3,844	400	699	2,019	2,042
Spain.....	252	1,236	1,118	881	189	194	197	286
Turkey.....	226	1,030	723	1,370	188	177	697	401
U. S. S. R. (Russia).....	2,798	5,362	3,631	19,545	2,061	3,710	10,854	14,010
Yugoslavia.....	938	3,171	779	8,486	794	976	5,350	7,411
Other southern and eastern Europe.....	700	1,001	127	1,177	286	261	355	346
Asia.....	1,805	2,249	1,582	5,133	1,248	1,008	1,173	1,341
Africa.....	1,200	355	440	1,516	328	328	328	272
Pacific.....	700	934	655	1,466	318	272	288	176

¹ Persons born in colonies, dependencies, or protectorates, or portions thereof within barred zone, of European countries, who are admissible under immigration laws of United States as quota immigrants, are charged to quota of country to which such colony or dependency belongs or by which it is administered as a protectorate. Aliens who obtain visas during later part of fiscal year may be admitted in following year since visas are valid for period of 4 months. Nationality for quota purposes does not always coincide with actual nationality (Sec. 12, Immigration Act of 1924).

² Quota was 153,774 from 1934 to February 8, 1944, when quota of 105 Chinese, authorized by act of December 17, 1943 increased the maximum quota to 153,879. On July 4, 1946, quota for Philippine Islands was increased from 80 to 100, thereby raising total quota to 153,929. Quota was increased to 154,208 on July 27, 1949, by establishment of separate quotas of 100 each for Israel, Syria, and Lebanon, and abolishment of combined quota of 123 established for Syria and Lebanon. Quota was increased to 154,277 on Oct. 31, 1950, when quota for Italy was reduced to 5,677, quota for Yugoslavia was increased to 938, and a separate quota of 100 was established for Trieste.

³ Number of quota immigrants exceeds quota because 50 percent of quota for future years may be mortgaged where necessary under Displaced Persons Act of 1948.

⁴ For 1938 to 1945, Austrian quota included with German.

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

No. 108.—IMMIGRATION, BY COUNTRY OF ORIGIN: 1820 TO 1951

[Data are totals, not annual averages, and are for periods ending June 30. 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*, series B 304-330]

COUNTRY	Total 131 yrs. 1820-1950	1901- 1910	1911- 1920	1921- 1930	1931- 1940	1941- 1950	1949	1950	1951
All countries, total.	39,325,482	8,795,386	5,735,811	4,107,209	528,431	1,035,039	188,317	249,187	205,717
Europe, total.	33,246,339	8,136,016	4,376,564	2,477,853	348,289	621,704	129,592	199,115	149,545
Belgium	170,394	41,635	53,746	15,846	4,817	12,189	2,057	1,429	1,802
Bulgaria	66,231	39,280	22,533	2,945	938	375	22	13	1
Czechoslovakia	128,900		3,426	102,194	14,393	8,347	2,018	946	88
Denmark	340,418	65,285	41,983	32,430	2,559	5,303	1,230	1,094	1,070
Finland	22,096		750	16,691	2,140	2,503	567	506	532
France	633,807	73,376	61,897	49,010	12,623	38,809	4,816	4,430	4,673
Germany	6,248,629	341,498	143,945	412,202	117,621	226,578	55,284	128,592	87,755
Austria			453,649	32,868		24,860	4,447	16,467	9,761
Hungary	4,172,104	2,145,266	442,693	30,680	7,891	3,460	748	190	62
Great Britain:									
England	2,753,443	388,017	249,944	157,420	21,756	112,252	16,634	10,191	12,393
Scotland	749,905	120,469	78,357	159,781	6,887	16,131	4,075	2,260	2,309
Wales	80,603	17,464	18,107	13,012	735	3,209	440	265	196
Greece	430,581	167,519	184,201	51,084	9,119	8,973	1,734	1,170	4,450
Ireland	4,617,485	339,065	146,181	220,591	13,167	25,377	8,678	5,842	3,144
Italy	4,776,884	2,045,877	1,109,524	465,315	68,028	57,661	11,695	12,454	8,068
Netherlands	268,619	48,262	43,718	26,948	7,150	14,860	3,330	3,080	3,002
Norway	814,955	190,505	66,395	68,531	4,749	10,100	2,476	2,262	2,289
Poland	422,326		4,813	227,734	17,026	7,571	1,673	666	98
Portugal	263,467	69,149	89,732	29,994	3,329	7,423	1,282	1,106	1,078
Rumania	158,021	53,008	13,311	67,646	3,871	1,070	155	155	104
Spain	173,021	27,935	68,611	28,958	3,258	2,898	400	383	442
Sweden	1,228,113	249,634	95,074	97,249	3,966	10,665	2,847	2,183	2,022
Switzerland	306,227	34,922	23,091	29,676	6,612	10,547	1,997	1,864	1,485
Turkey in Europe	156,453	79,976	54,677	14,659	737	580	60	100	118
U. S. S. R. (Russia)	3,343,895	1,697,306	921,201	61,742	1,356	548	24	6	10
Yugoslavia	58,363		1,888	49,064	5,835	1,576	198	139	454
Other Europe	844,039	665	8,111	22,983	8,865	7,734	708	1,195	1,274
Asia, total.	950,319	243,567	192,559	97,400	15,344	31,780	6,438	3,779	3,921
China	398,882	20,605	21,278	29,907	4,928	16,709	3,415	1,280	335
Japan	279,146	129,797	83,837	33,462	1,948	1,555	529	100	271
Turkey in Asia	205,581	77,393	70,380	19,165	328	218	40	13	3
Other Asia	66,710	16,772	8,055	14,866	3,140	13,298	2,454	2,386	3,312
America, total.	4,756,270	361,888	1,143,671	1,516,716	160,037	354,804	49,334	44,191	47,631
Canada and Newfoundland	3,177,446	179,226	742,185	924,515	108,527	171,718	25,156	21,885	25,880
Mexico	838,844	49,642	219,004	459,287	22,319	60,589	8,083	6,744	6,153
Central America	70,819	8,192	17,159	15,769	5,861	21,665	2,431	2,169	2,011
South America	143,133	17,280	41,899	42,215	7,803	21,831	3,107	3,284	3,595
West Indies	496,696	107,548	128,424	74,899	15,692	49,725	6,733	6,206	5,902
Other America	20,332			31	25	29,276	3,824	3,903	4,089
Africa	33,427	7,368	8,443	5,286	1,750	7,367	995	849	845
Australia and New Zealand	68,337	11,975	12,348	8,299	2,231	13,806	601	460	490
Pacific Islands (not specified)	16,582	1,049	1,079	427	780	5,437	1,272	786	3,265
All other countries	254,208	33,523	1,147	228		142	25	7	20

¹ Includes Serbia and Montenegro prior to 1920.

² Austria included with Germany 1938-45.

³ From 1899 to 1919 Poland is included with Austria-Hungary, Germany, and Russia.

⁴ Includes 32,897 persons returning to their homes in the United States. After 1906 such aliens have been included in immigration statistics as nonimmigrants; prior to that year, aliens were recorded by countries whence they came (see headnote).

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

No. 109.—EMIGRANT ALIENS DEPARTING, BY COUNTRY OF FUTURE PERMANENT RESIDENCE: YEARS ENDING JUNE 30, 1947 TO 1951

COUNTRY	1947	1948	1949	1950	1951	COUNTRY	1947	1948	1949	1950	1951
All countries, total.....	22,501	20,875	24,586	27,598	26,174	Europe—Con. Switzerland.....	311	318	300	342	311
Europe, total.....	11,153	10,258	11,893	12,642	11,477	U. S. S. R.....	873	345	627	157	140
Belgium.....	250	244	225	237	150	Yugoslavia.....	88	192	82	74	64
Bulgaria.....	12	18	18	15	2	Other Europe.....	287	273	236	332	281
Czechoslovakia.....	254	145	113	97	38	Asia, total.....	2,861	3,220	1,642	2,130	1,902
Denmark.....	216	285	324	350	336	China.....	2,249	2,287	365	428	376
Finland.....	54	119	123	160	138	Japan.....	57	143	230	315	282
France.....	1,148	953	1,274	1,125	1,019	Palestine.....	113	182	177	101	283
Germany.....	301	184	622	1,309	1,101	Syria.....	166	161	52	29	20
Austria.....	26	53	79	98	87	Other Asia.....	270	447	818	1,257	1,190
Great Britain:						America, total.....	5,822	5,289	9,330	10,542	11,046
England.....	1,793	2,262	2,988	2,919	2,882	Canada.....	861	1,055	1,217	2,267	3,202
Scotland.....	260	320	443	444	465	Central America.....	398	389	775	851	816
Wales.....	30	51	103	72	78	Mexico.....	884	849	1,096	1,257	1,149
Greece.....	470	349	389	588	374	Newfoundland.....	37	110	16	-----	-----
Hungary.....	32	32	29	27	30	South America.....	1,216	1,802	2,538	2,873	2,817
Ireland (Eire).....	427	285	302	372	539	West Indies.....	2,426	1,024	3,603	3,190	2,897
Italy.....	1,851	1,498	1,494	1,636	1,440	Other America.....	-----	-----	85	104	165
Netherlands.....	408	354	368	379	304	Africa.....	261	363	345	433	303
Northern Ireland.....	51	87	97	189	173	Australia.....	231	485	177	340	399
Norway.....	509	577	596	677	576	New Zealand.....	39	101	67	119	98
Poland.....	55	127	133	106	72	Philippine Islands.....	1,685	615	926	1,181	627
Portugal.....	765	394	230	228	188	Pacific Islands, not specified.....	25	13	43	51	41
Rumania.....	8	10	11	8	5	Unknown or not reported.....	424	531	163	160	191
Spain.....	286	323	262	218	227						
Sweden.....	409	510	425	483	451						

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

No. 110.—IMMIGRANT ALIENS ADMITTED AND EMIGRANT ALIENS DEPARTING, BY SEX, AGE, AND MAJOR OCCUPATION GROUP: YEARS ENDING JUNE 30, 1936 TO 1951

[See also *Historical Statistics*, series B 331-336]

SEX, AGE, OCCUPATION	1936-40, total	1941-45, total	1946-50, total	1948	1949	1950	1951
Admissions, total.....	308,222	170,952	364,087	170,570	188,317	249,187	205,717
Males.....	130,282	70,151	347,836	67,322	80,340	119,130	99,327
Females.....	168,940	100,801	516,251	103,248	107,977	130,057	106,390
Males per 1,000 females.....	824	696	674	652	744	916	934
Under 10 years.....	47,238	24,608	137,214	24,005	32,728	50,468	44,023
16 to 44 years ¹	203,627	107,551	575,407	112,453	123,340	152,358	121,823
45 years and over ¹	57,357	38,793	151,466	34,022	32,249	46,361	30,871
Illiterates, number.....	5,322	1,403	8,114	2,766	1,983	1,677	1,899
Percent.....	1.7	.8	.9	1.6	1.1	.7	.9
REPORTING OCCUPATIONS							
Professional and semiprofessional workers.....	26,113	17,013	64,094	12,619	13,884	20,502	15,209
Farmers and farm managers.....	4,928	1,691	35,872	4,884	8,937	17,642	10,214
Proprietors, managers, and officials, except farm.....	26,956	11,284	28,119	6,207	6,014	6,396	5,493
Clerical, sales, and kindred workers.....	15,849	12,398	69,280	15,298	14,797	16,796	14,098
Craftsmen, foremen, and kindred workers.....	24,425	16,205	59,427	11,019	13,693	21,832	10,183
Operatives and kindred workers.....	19,387	5,705	61,635	12,797	14,271	19,618	17,858
Domestic service workers.....	7,204	62	29,665	6,389	6,090	5,900	7,243
Protective service workers.....	1,878	4,072	1,908	318	204	885	1,314
Service workers, excluding domestic and protective.....	1,878	4,072	17,384	4,032	3,643	4,085	3,978
Farm laborers and foremen.....	8,700	3,822	3,486	946	933	3,976	4,972
Laborers, except farm.....	8,700	3,822	21,015	4,826	6,192	5,693	5,481

For footnotes, see p. 99.

No. 110.—IMMIGRANT ALIENS ADMITTED AND EMIGRANT ALIENS DEPARTING, BY SEX, AGE, AND MAJOR OCCUPATION GROUP: YEARS ENDING JUNE 30, 1936 TO 1951—Continued

SEX, AGE, OCCUPATION	1936-40, total	1941-45, total	1946-50, total	1948	1949	1950	1951
Departures, total.....	135,875	42,696	113,703	20,875	24,586	27,598	26,174
Males.....	84,006	25,006	63,424	11,505	12,950	14,331	12,843
Females.....	51,869	17,690	50,279	9,370	11,636	13,267	13,331
Males per 1,000 females.....	1,620	1,414	1,261	1,228	1,113	1,080	983
Under 16 years.....	8,561	4,628	9,656	1,530	2,032	2,333	2,417
16 to 44 years ¹	83,215	26,715	59,100	10,426	13,895	15,576	15,422
45 years and over ²	44,099	11,353	44,947	8,919	8,659	9,689	8,335
REPORTING OCCUPATIONS							
Professional and semiprofessional workers.....	7,180	3,723	11,620	2,250	2,150	2,631	2,772
Farmers and farm managers.....	3,318	627	1,701	416	306	335	350
Proprietors, managers, and officials, except farm.....	6,005	2,394	9,166	1,785	1,819	1,983	1,954
Clerical, sales, and kindred workers.....	4,973	2,083	5,555	898	1,280	1,540	1,799
Craftsmen, foremen, and kindred workers.....	12,814	3,089	3,629	550	879	929	960
Operatives and kindred workers.....	8,879	1,104	6,219	1,294	1,265	1,222	1,393
Domestic service workers.....	104	2,547	1,156	450	643	663	757
Protective service workers.....	104	104	152	152	277	277	343
Service workers, excluding domestic and protective.....	3,680	987	2,552	588	405	453	496
Farm laborers and foremen.....	4,246	1,103	4,565	108	976	642	253
Laborers, except farm.....	32,111	7,377	8,223	1,841	1,702	993	924

¹ 1940-1944, 16 to 45 years.

² 1940-1944, 46 years and over. Includes age unknown.

³ Immigrants 16 years of age or over unable to read or write in any language.

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

No. 111.—ALIENS ADMITTED, BY CLASSES, UNDER THE IMMIGRATION ACT OF 1924 AS AMENDED: YEARS ENDING JUNE 30, 1945 TO 1951

CLASSES	1945	1946	1947	1948	1949	1950	1951
Number admitted, all classes.....	202,366	312,190	513,597	646,576	635,589	676,024	670,823
Under Section 3.....	154,150	184,017	332,354	431,355	399,775	376,185	413,489
Government officials, their families, attendants, servants and employees.....	18,054	17,031	16,517	16,822	13,722	13,975	20,881
Temporary visitors for business.....	76,747	74,913	79,634	78,870	73,338	67,984	83,995
Temporary visitors for pleasure.....	30,982	59,913	134,924	206,107	225,745	219,810	230,210
In continuous transit through United States.....	28,174	31,124	96,825	124,780	81,615	68,640	72,027
To carry on trade under treaty.....	193	378	651	711	632	706	850
Members of international organizations.....	—	668	3,803	4,059	4,723	5,010	5,526
Under Section 4.....	36,593	99,078	110,542	122,695	122,768	102,379	100,787
Husbands of United States citizens.....	119	269	579	647	3,239	1,459	822
Wives of United States citizens.....	2,735	47,679	31,698	30,688	27,937	12,291	8,686
Unmarried children of United States citizens.....	224	1,319	6,462	6,097	4,645	2,525	1,955
Returning residents.....	6,896	13,306	22,818	32,464	36,984	40,903	44,212
Natives of nonquota countries.....	22,770	29,396	35,309	37,506	36,909	32,790	34,704
Their wives and children.....	68	106	331	462	425	448	570
Ministers and their wives and children.....	210	432	1,336	1,552	1,233	833	733
Professors and their wives and children.....	20	102	534	997	899	803	457
Students.....	2,866	5,565	11,003	11,914	10,481	9,744	7,365
Women who had been United States citizens.....	32	63	91	136	110	86	39
Miscellaneous classes.....	663	551	381	794	843	697	1,255
Under Section 5 (quota immigrants).....	11,623	29,095	70,701	92,626	113,046	107,460	156,547

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

No. 112.—IMMIGRANT ALIENS ADMITTED AND EMIGRANT ALIENS DEPARTING, BY RACE OR NATIONALITY: YEARS ENDING JUNE 30, 1947 TO 1951

RACE OR PEOPLE	1947		1948		1949		1950		1951	
	Ad-mitted	De-parting	Ad-mitted	De-parting	Ad-mitted	De-parting	Ad-mitted	De-parting	Ad-mitted	De-parting
Total	147,292	22,501	170,570	20,875	188,317	24,586	249,187	27,598	205,717	26,174
Armenian.....	271	5	390	33	387	172	1,592	44	663	80
Bohemian and Moravian (Czech).....	2,928	121	3,138	64	3,507	105	3,677	64	2,839	61
Bulgarian, Serbian, Montenegrin.....	294	41	347	51	165	83	656	32	1,340	22
Chinese.....	1,128	2,168	3,574	2,238	2,490	547	1,289	674	1,083	500
Croatian and Slovenian.....	617	19	573	93	784	63	4,940	52	5,996	62
Cuban.....	2,482	193	2,827	280	1,956	1,188	1,915	759	1,617	762
Dalmatian, Bosnian, Herzegovinian.....	52	16	29	34	35	9	79	19	156	10
Dutch and Flemish.....	4,748	504	5,515	501	5,041	616	4,508	514	4,702	435
East Indian.....	36	52	42	184	55	317	70	517	74	383
English.....	28,502	2,464	26,200	3,118	20,620	3,997	15,295	3,583	14,952	3,579
Filipino.....	622	1,608	1,055	545	1,000	903	531	1,170	677	562
Finnish.....	797	59	747	93	726	110	303	115	177	93
French.....	10,786	1,175	9,702	1,051	7,888	1,209	6,425	1,132	6,749	1,223
German.....	17,180	501	25,038	429	24,031	1,082	28,926	1,234	20,677	1,293
Greek.....	2,882	410	3,060	354	2,537	444	1,497	511	5,051	358
Irish.....	7,244	554	13,511	613	15,181	573	10,955	751	8,160	909
Italian.....	16,061	1,790	16,677	1,485	12,267	1,522	10,215	1,136	8,144	1,279
Japanese.....	9	17	316	101	402	225	45	305	206	259
Korean.....	1	33	36	9	39	18	6	31	24	24
Latin American.....	4,772	928	4,169	1,275	4,122	2,051	4,035	2,052	4,042	1,889
Lithuanian.....	640	3	826	10	7,594	11	13,755	6	4,880	20
Magyar.....	956	36	1,205	46	2,002	87	5,250	50	6,684	70
Negro.....	1,896	1,260	2,231	120	1,954	1,324	1,468	981	1,145	529
Polish.....	9,176	133	9,000	206	26,787	298	55,146	237	37,880	268
Portuguese.....	953	775	1,230	437	1,509	335	1,156	229	1,200	109
Rumanian.....	571	12	758	22	1,057	40	2,100	25	1,607	26
Russian.....	2,944	918	3,184	368	5,023	604	17,125	197	22,083	236
Ruthenian (Rusniak).....	108	2	57	1	26	6	901	2	1,454	5
Scandinavian (Norwegians, Danes, and Swedes).....	5,519	1,164	6,886	1,314	7,008	1,475	6,128	1,521	5,661	1,327
Scotch.....	7,156	405	9,040	477	7,977	604	5,707	722	6,132	793
Slovak.....	816	198	935	149	800	50	600	48	376	14
Spanish.....	989	376	998	403	1,501	636	787	517	936	463
Syrian.....	339	49	314	70	482	112	537	90	690	100
Turkish.....	132	88	126	118	146	148	147	123	125	111
Welsh.....	1,016	45	939	68	738	97	519	93	499	114
West Indian (other than Cuban).....	1,078	77	1,448	206	1,679	327	2,003	257	1,936	225
All other.....	12,586	4,222	14,444	4,899	18,622	2,638	38,899	7,796	25,721	7,891

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

No. 113.—DISPLACED PERSONS AND WAR BRIDES ADMITTED: 1946 TO 1951

[Figures included in total immigrants in other tables in this section]

YEAR ENDING JUNE 30	DISPLACED PERSONS ¹				WAR BRIDES ²			
	Total	Quota	Non-quota	Non-immigrant	Total	Hus-bands	Wives	Alien children
Total	302,295	297,830	3,410	1,055	119,693	333	114,691	4,669
1946.....	2,551	2,534	17	—	45,557	61	44,775	721
1947.....	17,414	16,076	942	396	27,212	101	25,736	1,375
1948.....	21,414	19,446	1,309	659	23,016	94	21,954	968
1949.....	40,048	39,734	314	—	22,214	71	20,670	1,473
1950.....	124,353	124,120	233	—	1,694	6	1,556	182
1951.....	96,515	95,920	595	—	(?)	(?)	(?)	(?)

¹ Legislation authorizing admission was approved June 25, 1948. Admissions prior thereto were under President's Directive of Dec. 22, 1945.

² Act of Dec. 28, 1945, which facilitated entry of alien wives, husbands, and children of citizen members of armed forces, expired on Dec. 28, 1948. Public Law 51 of Apr. 21, 1949, authorized admission of certain alien fiancées and fiancés and adjustment of their status to that of permanent residence.

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

**NO. 114.—ALIENS AND CITIZENS—TOTAL ARRIVALS AND DEPARTURES AND
ARRIVALS AT PRINCIPAL PORTS: YEARS ENDING JUNE 30, 1931 TO 1951**

[Excludes travelers between continental U. S. and outlying possessions, persons habitually crossing and recrossing international land boundaries, and agricultural and railway track workers admitted from Mexico. Figures for alien arrivals cover admissions only, excluding aliens among arrivals found inadmissible and debarrred from entering]

PORT AND CLASS	1931-35, average	1936-40, average	1941-45, average	1946-50, average	1948	1949	1950	1951
Arrivals, total	517,967	575,620	279,310	1,064,616	1,189,508	1,255,960	1,339,591	1,431,309
United States citizens.....	327,986	345,100	130,826	507,821	542,932	620,371	663,567	760,486
Immigrants.....	44,042	61,644	34,190	172,817	170,570	188,317	240,187	205,717
Nonimmigrants.....	145,939	168,875	108,294	383,978	476,006	447,272	420,837	465,100
Departures, total	577,771	533,146	182,129	846,412	927,206	982,450	1,112,207	1,140,027
United States citizens.....	340,082	331,535	102,225	473,858	478,988	562,361	655,518	667,120
Emigrants.....	64,773	27,175	8,539	22,741	20,875	24,586	27,598	26,174
Nonemigrants.....	172,947	174,436	71,365	349,813	427,348	405,503	429,091	446,727
Excess of arrivals over departures.....	-60,804	42,474	97,181	218,204	262,302	273,510	227,384	291,282
Citizens permanently departing:								
Naturalized.....	1,067	1,103	538	3,148	2,387	1,042	5,694	11,595
Native born.....	19,673	9,850	5,820	15,062	21,503	5,290	17,813	46,325
ARRIVALS AT PRINCIPAL PORTS								
New York	367,031	375,260	76,485	470,902	545,710	584,388	642,128	693,852
United States citizens.....	240,068	228,300	39,340	221,108	248,228	302,441	311,856	370,598
Immigrants.....	27,717	42,073	7,719	104,100	104,665	113,050	168,840	142,903
Nonimmigrants.....	99,246	104,818	29,426	145,694	192,817	168,897	163,423	180,351
Boston	12,351	11,709	3,097	28,100	29,655	43,094	54,229	32,397
United States citizens.....	7,341	6,942	1,075	10,465	23,833	24,153	20,175	24,026
Immigrants.....	1,040	885	310	8,327	1,772	14,818	24,222	3,787
Nonimmigrants.....	3,970	3,882	1,113	3,308	4,050	4,023	3,832	3,084
Philadelphia	932	1,318	1,350	3,870	3,825	2,071	2,136	1,345
United States citizens.....	734	954	601	1,042	1,089	656	842	703
Immigrants.....	27	25	381	588	467	263	370	134
Nonimmigrants.....	170	339	368	1,640	2,269	1,153	924	508
Baltimore	1,425	1,311	10,792	17,772	20,945	11,142	6,535	4,672
United States citizens.....	1,195	1,058	8,827	12,185	10,898	7,840	5,231	3,692
Immigrants.....	56	30	192	771	1,227	559	260	148
Nonimmigrants.....	175	224	1,773	4,816	8,820	2,743	1,044	832
Miami	20,796	72,183	82,168	223,295	231,140	233,927	246,941	283,040
United States citizens.....	17,144	55,362	50,282	140,418	140,688	140,884	168,281	184,045
Immigrants.....	94	1,445	3,229	6,432	6,476	6,711	6,461	5,183
Nonimmigrants.....	3,558	15,376	28,656	76,445	83,976	87,332	83,200	93,812
New Orleans	8,520	8,645	10,466	34,325	36,600	40,074	47,837	42,237
United States citizens.....	0,758	6,097	6,279	22,147	25,700	27,084	27,180	23,265
Immigrants.....	314	231	409	3,852	1,366	3,805	11,320	9,177
Nonimmigrants.....	1,448	1,417	3,718	8,320	9,528	9,185	9,337	9,796
San Francisco	12,821	14,433	11,619	34,826	42,419	36,064	35,449	37,372
United States citizens.....	7,322	8,311	7,472	20,050	21,011	23,190	25,070	27,125
Immigrants.....	937	712	817	5,760	9,714	4,167	2,174	3,841
Nonimmigrants.....	4,563	5,410	3,330	9,020	11,694	8,698	7,305	6,406
Seattle	3,810	3,711	1,185	7,732	7,207	11,069	10,588	15,180
United States citizens.....	2,112	2,211	452	6,768	6,415	9,878	9,525	13,706
Immigrants.....	198	92	245	294	288	552	77	382
Nonimmigrants.....	1,501	1,407	487	670	604	639	986	1,092

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

No. 115.—PASSENGERS ARRIVING AND DEPARTING, BY COUNTRIES, FLAG OF CARRIER, MODE OF TRAVEL: YEARS ENDING JUNE 30, 1944 TO 1951

COUNTRY, FLAG, ETC.	1944	1945	1946	1947	1948	1949	1950	1951
Passengers arriving, total.....	205,775	310,113	485,007	829,540	1,023,742	1,104,473	1,182,152	1,282,165
Europe.....	41,237	78,469	159,418	325,001	440,852	479,768	588,204	581,708
Asia.....	6,443	9,675	17,534	32,775	51,185	49,108	50,077	66,213
Africa.....	16,531	27,834	14,840	8,081	8,424	6,798	5,102	4,443
Australia and Pacific.....	8,745	20,323	23,658	23,234	20,048	16,366	18,040	26,286
Canada and Newfoundland.....	12,694	28,072	33,688	50,926	77,501	96,850	34,585	36,287
Greenland.....	882	1,635	327	88	123	105	103	180
Mexico.....	1,798	3,205	6,931	2,659	4,422	3,790	4,325	15,452
West Indies.....	89,280	121,046	196,152	322,547	313,117	337,015	302,829	430,044
Central America.....	17,664	18,972	23,094	36,183	45,501	47,429	50,766	44,673
South America.....	11,623	4,842	9,301	28,048	62,669	67,259	67,426	76,519
Flag: U. S.....	138,631	252,263	377,236	585,909	648,444	697,039	749,754	763,035
Foreign.....	67,144	57,850	107,771	243,631	375,298	407,434	432,398	519,130
By sea.....	84,850	107,143	200,041	356,426	491,427	502,593	601,543	547,866
By air.....	121,425	202,970	284,966	473,114	532,315	601,880	580,600	734,299
Aliens.....	104,667	141,387	221,685	401,531	490,211	497,481	530,209	532,463
Citizens.....	101,108	168,726	263,322	428,009	533,531	606,992	651,943	749,702
Passengers departing, total.....	118,109	188,301	389,584	695,441	786,319	863,951	981,124	999,574
Europe.....	20,270	45,761	95,851	228,454	292,497	363,678	432,800	400,111
Asia.....	1,028	2,207	9,020	49,290	54,919	39,512	46,202	28,873
Africa.....	4,133	15,315	11,654	7,342	7,473	6,442	6,011	6,928
Australia and Pacific.....	886	3,049	11,266	25,117	24,716	17,186	19,462	18,560
Canada and Newfoundland.....	10,294	18,836	23,095	12,065	5,383	7,145	12,807	7,271
Greenland.....	11	896	201	84	194	138	170	85
Mexico.....	1,374	10,983	17,372	7,749	4,082	3,717	4,630	14,476
West Indies.....	51,613	61,368	170,446	280,910	288,401	315,833	352,195	405,972
Central America.....	12,628	13,953	22,905	38,944	41,102	41,689	38,496	37,993
South America.....	15,972	16,874	27,774	45,477	67,552	69,612	68,476	79,506
Flag: U. S.....	83,729	137,036	295,617	507,528	603,636	527,692	577,358	568,217
Foreign.....	34,380	49,265	93,967	187,913	283,283	336,259	403,766	431,357
By sea.....	26,752	47,377	137,045	295,263	375,215	408,081	467,105	398,629
By air.....	91,357	138,924	252,539	400,178	411,104	455,870	514,019	600,945
Aliens.....	57,511	85,811	163,276	249,121	312,271	315,599	329,529	335,801
Citizens.....	60,598	100,490	226,308	446,320	474,048	548,352	651,595	663,773

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

No. 116.—ESTIMATED RESIDENT ALIENS IN CONTINENTAL UNITED STATES, FOR SELECTED DATES: 1941 TO 1945

DATE	Number of aliens ¹	CHANGE IN PRECEDING PERIOD				
		Net decrease	Decrease through naturalization	Decrease through mortality	Decrease through emigration	Increase through immigration
Jan. 1, 1941.....	4,889,770					
July 1, 1941.....	4,693,623	196,147	155,704	50,341	7,464	25,667
July 1, 1942.....	4,340,269	344,354	269,419	84,864	7,212	28,563
July 1, 1943.....	3,946,399	393,870	317,675	83,139	5,088	23,647
July 1, 1944.....	3,410,176	536,224	440,174	80,041	5,652	28,439
July 1, 1945.....	3,050,803	359,372	237,221	75,800	7,417	37,885

¹ Estimates do not take into account the considerable temporary movement of aliens into and out of the United States.

² Deportations, voluntary departures, expatriations, denaturalizations, etc.

Source: Department of Justice, Immigration and Naturalization Service; records.

No. 117.—NATURALIZATION: 1907 TO 1951

[See also *Historical Statistics*, series B 337-339]

PERIOD OR YEAR ENDING JUNE 30—	Declara- tions filed ¹	PETITIONS FILED ²			ALIENS NATURALIZED ³		
		Total	Civilian	Military	Total	Civilian	Military
1907-1910, total.....	526,322	164,036	164,036	-----	111,738	111,738	-----
1911-1915, total.....	1,004,539	496,655	496,655	-----	406,547	406,547	-----
1916-1920, total.....	1,682,370	884,729	640,429	244,300	722,425	478,125	244,300
1921-1925, total.....	1,675,809	862,715	818,332	44,383	799,700	755,407	44,383
1926-1930, total.....	1,133,205	1,021,562	1,008,741	12,821	973,395	901,672	11,823
1931-1935, total.....	535,266	637,668	629,798	7,870	626,072	619,049	7,023
1936-1940, total.....	834,213	999,445	982,613	16,832	892,392	879,524	12,868
1941-1945, total.....	635,146	51,520,053	1,407,062	512,991	51,539,972	1,427,441	512,531
1946-1950, total.....	285,138	418,013	(6)	(6)	544,056	409,788	37,268
1939.....	155,691	213,413	213,413	-----	188,813	185,175	3,638
1940.....	203,536	278,028	276,840	1,188	235,260	232,500	2,760
1941.....	224,123	277,807	277,807	-----	277,294	275,747	1,547
1942.....	221,796	343,487	341,979	1,508	270,364	268,762	1,602
1943.....	115,064	377,125	338,885	38,240	318,953	281,459	37,474
1944.....	42,368	525,717	276,486	50,231	441,979	392,766	49,213
1945.....	31,195	195,917	172,905	23,012	231,402	208,707	22,695
1946.....	28,787	123,864	110,071	13,793	150,062	134,849	15,213
1947.....	37,771	88,802	70,767	18,035	93,904	77,442	16,462
1948.....	60,187	68,265	(6)	(6)	70,150	69,080	1,070
1949.....	64,866	71,044	(6)	(6)	66,594	64,138	2,456
1950.....	93,527	66,038	(6)	(6)	66,346	64,279	2,067
1951.....	91,497	61,634	(6)	(6)	54,716	53,741	975

¹ Declaration of intention to become citizen.² Petition for naturalization.³ Certificates of naturalization issued.⁴ From Sept. 27, 1906, to June 30, 1907.⁵ Includes 1,425 in 1943, 6,496 in 1944, 5,666 in 1945, 2,054 in 1946, and 5,370 in 1947 in various theaters of war or areas occupied by American forces. No provision for naturalization in these areas subsequently.⁶ Not available.Source: Department of Justice, Immigration and Naturalization Service; *Annual Report*, releases.

No. 118.—ALIENS NATURALIZED, BY AGE AND SEX: YEARS ENDING JUNE 30, 1944 TO 1951

[See also *Historical Statistics*, series B 339-341]

AGE AND SEX	1944 ¹	1945 ¹	1946 ¹	1947	1948	1949	1950	1951
Both sexes.....	435,483	225,736	148,008	93,904	70,150	66,594	66,846	54,716
Under 21 years.....	5,609	1,669	1,244	544	476	987	1,003	726
21 to 25 years.....	19,441	8,246	7,209	5,495	2,970	6,297	7,742	6,238
26 to 35 years.....	60,872	26,442	18,641	13,848	7,014	10,960	13,025	13,046
36 to 45 years.....	120,656	54,375	35,630	25,296	18,980	16,271	14,679	11,606
46 to 55 years.....	123,195	64,987	40,025	24,668	20,651	17,020	15,176	12,253
56 to 65 years.....	71,440	50,273	31,784	16,948	13,656	10,914	10,071	7,745
Over 65 years.....	22,264	19,744	12,515	7,105	5,504	4,145	3,750	3,102
Male.....	196,227	111,059	74,250	52,998	33,147	27,865	25,745	18,711
Under 21 years.....	5,378	1,579	1,115	406	257	433	371	282
21 to 25 years.....	11,915	4,115	3,297	3,032	711	1,239	1,732	1,019
26 to 35 years.....	31,030	11,859	8,835	8,214	2,663	3,630	4,401	3,345
36 to 45 years.....	50,376	24,549	17,053	14,610	9,297	7,511	6,399	4,360
46 to 55 years.....	49,767	30,558	19,676	13,627	10,214	7,759	6,485	5,060
56 to 65 years.....	36,289	27,613	17,461	9,240	7,079	5,157	4,523	3,135
Over 65 years.....	11,472	10,786	6,913	3,893	2,026	2,136	1,834	1,480
Female.....	239,256	114,677	73,758	40,906	37,003	38,729	40,601	36,005
Under 21 years.....	231	90	129	138	219	554	632	444
21 to 25 years.....	7,526	4,131	3,972	2,463	2,259	5,058	6,010	5,219
26 to 35 years.....	35,842	14,583	9,806	5,634	5,251	7,330	9,524	9,701
36 to 45 years.....	70,280	29,826	18,577	10,686	9,683	8,760	8,280	7,216
46 to 55 years.....	73,428	34,429	21,349	11,041	10,437	9,261	8,691	7,193
56 to 65 years.....	35,157	22,060	14,323	7,702	6,576	5,757	5,548	4,610
Over 65 years.....	10,792	8,958	5,602	3,242	2,578	2,009	1,916	1,622

¹ Excludes 6,496 members of the armed forces naturalized overseas in 1944; 5,666 in 1945; and 2,054 in 1946.Source: Department of Justice, Immigration and Naturalization Service; *Annual Report*, releases.

**NO. 119.—ALIENS NATURALIZED, BY STATES AND TERRITORIES OF RESIDENCE:
YEARS ENDING JUNE 30, 1949, 1950, AND 1951**

STATE OF RESIDENCE	1949	1950	1951	STATE OF RESIDENCE	1949	1950	1951
Total	66,594	66,346	54,716	New Hampshire.....	371	318	252
Alabama.....	109	140	126	New Jersey.....	3,448	3,742	2,700
Arizona.....	329	341	283	New Mexico.....	117	125	134
Arkansas.....	60	44	52	New York.....	21,174	20,499	17,090
California.....	9,370	9,488	7,879	North Carolina.....	126	188	210
Colorado.....	324	358	381	North Dakota.....	141	93	138
Connecticut.....	1,861	1,753	1,093	Ohio.....	2,285	2,254	1,886
Delaware.....	85	90	50	Oklahoma.....	120	160	234
District of Columbia.....	430	466	371	Oregon.....	301	451	278
Florida.....	1,069	957	1,276	Pennsylvania.....	2,685	2,443	2,312
Georgia.....	167	200	126	Rhode Island.....	650	521	419
Idaho.....	76	85	93	South Carolina.....	69	93	74
Illinois.....	3,297	3,367	2,201	South Dakota.....	46	89	73
Indiana.....	418	577	403	Tennessee.....	92	106	105
Iowa.....	224	329	257	Texas.....	1,122	1,353	1,192
Kansas.....	159	198	265	Utah.....	105	125	81
Kentucky.....	55	198	107	Vermont.....	277	232	224
Louisiana.....	273	245	270	Virginia.....	332	413	456
Maine.....	567	475	591	Washington.....	1,345	1,176	1,032
Maryland.....	509	489	558	West Virginia.....	166	175	112
Massachusetts.....	5,021	4,861	3,436	Wisconsin.....	726	623	515
Michigan.....	3,301	3,475	2,763	Wyoming.....	40	60	68
Minnesota.....	660	587	545	Territories, etc.:			
Mississippi.....	60	60	80	Alaska.....	87	95	78
Missouri.....	488	502	451	Hawaii.....	1,302	1,087	612
Montana.....	193	166	136	Puerto Rico.....	73	55	67
Nebraska.....	135	156	170	Virgin Islands.....	37	62	86
Nevada.....	71	68	55	All other.....	5	144	25

**NO. 120.—ALIENS NATURALIZED, BY COUNTRY OF FORMER ALLEGIANCE:
YEARS ENDING JUNE 30, 1948 TO 1951**

NATIONALITY	1948	1949	1950	1951	NATIONALITY	1948	1949	1950	1951
All countries	70,150	66,594	66,346	54,716	Norway.....	910	912	879	660
Albania.....	95	86	65	42	Poland.....	5,136	4,371	3,793	3,100
Belgium.....	400	612	554	563	Portugal.....	1,011	971	1,066	703
British Empire.....	12,361	13,284	12,697	10,867	Rumania.....	832	632	523	453
Bulgaria.....	92	65	59	46	Spain.....	749	676	614	428
Czechoslovakia.....	1,459	1,284	1,278	953	Sweden.....	1,199	1,044	870	627
Denmark.....	446	559	515	355	Switzerland.....	493	464	373	290
Estonia.....	63	104	139	101	U. S. S. R. (Russia).....	3,143	2,752	2,122	1,830
Finland.....	574	459	437	334	Yugoslavia.....	858	809	770	515
France.....	1,000	1,658	1,807	1,641	Persia (Iran).....	49	55	53	69
Germany.....	7,486	5,777	6,065	5,439	Syria.....	400	241	192	110
Austria.....	1,265	1,194	1,192	1,154	Turkey.....	481	436	362	274
Greece.....	1,683	1,638	1,607	1,513	Philippine Islands.....	5,768	3,478	3,257	1,505
Hungary.....	1,271	1,036	850	703	West Indies.....	642	614	838	886
Italy.....	9,452	8,301	8,743	5,975	Mexico.....	1,895	2,227	2,323	1,969
Latvia.....	164	165	186	127	Central America.....	273	375	502	552
Lithuania.....	771	601	452	320	South America.....	373	301	470	420
Netherlands.....	811	836	872	680	Other countries.....	6,486	8,477	9,574	9,604

¹ Includes 302 persons in 1948, 297 in 1949, 586 in 1950, and 916 in 1951 who were stateless.

Source of tables 119 and 120: Department of Justice, Immigration and Naturalization Service; *Annual Report*, releases.

4. Education

(Sent to print February 15, 1952)

Data on school attendance and on educational attainment were obtained for individuals in the United States as part of the 1940 and 1950 Censuses of Population. Annually, beginning in 1945, the Bureau of the Census has reported on school enrollment (and in 1947 on educational attainment) of the population, based on sample data obtained in the Current Population Survey. The Biennial Survey of Education, conducted by the U. S. Office of Education, covers enrollment and attendance, teaching staff, finances, and other information on public education facilities at all levels, with less complete information for private schools. Public library statistics are also collected and published by this office. Other statistical studies of the U. S. Office of Education, publications of the National Education Association, Annual or Biennial Reports of the State Departments of Education, and educational journals are the other chief regular sources of statistical materials in the field of education. Many special studies are made by research divisions of city school systems, by schools of education in colleges and universities, and by educational foundations.

Educational statistics for individuals.—The school attendance statistics are based on the replies to the enumerator's inquiry as to whether the person had attended, or had been enrolled in, any regular school or college within a given period. Regular school enrollment does not include enrollment in kindergarten or nursery school or, generally, enrollment in vocational, trade, business, or correspondence schools.

The 1940 and 1950 Censuses included questions on the formal education attainment of each person, that is, the last full grade that the person had completed in the regular school system—public, private, or parochial school, college, or university. This question replaced the inquiry on illiteracy included in previous censuses.

The *median* year of school completed may be defined as the year which divides the population group into equal parts—one-half having completed more schooling and one-half having completed less schooling than the median. In the presentation of median year of school completed, the completion of the first year of high school is uniformly indicated by 9 and of the last year of college by 16, although there are some areas with only 7 years of elementary school.

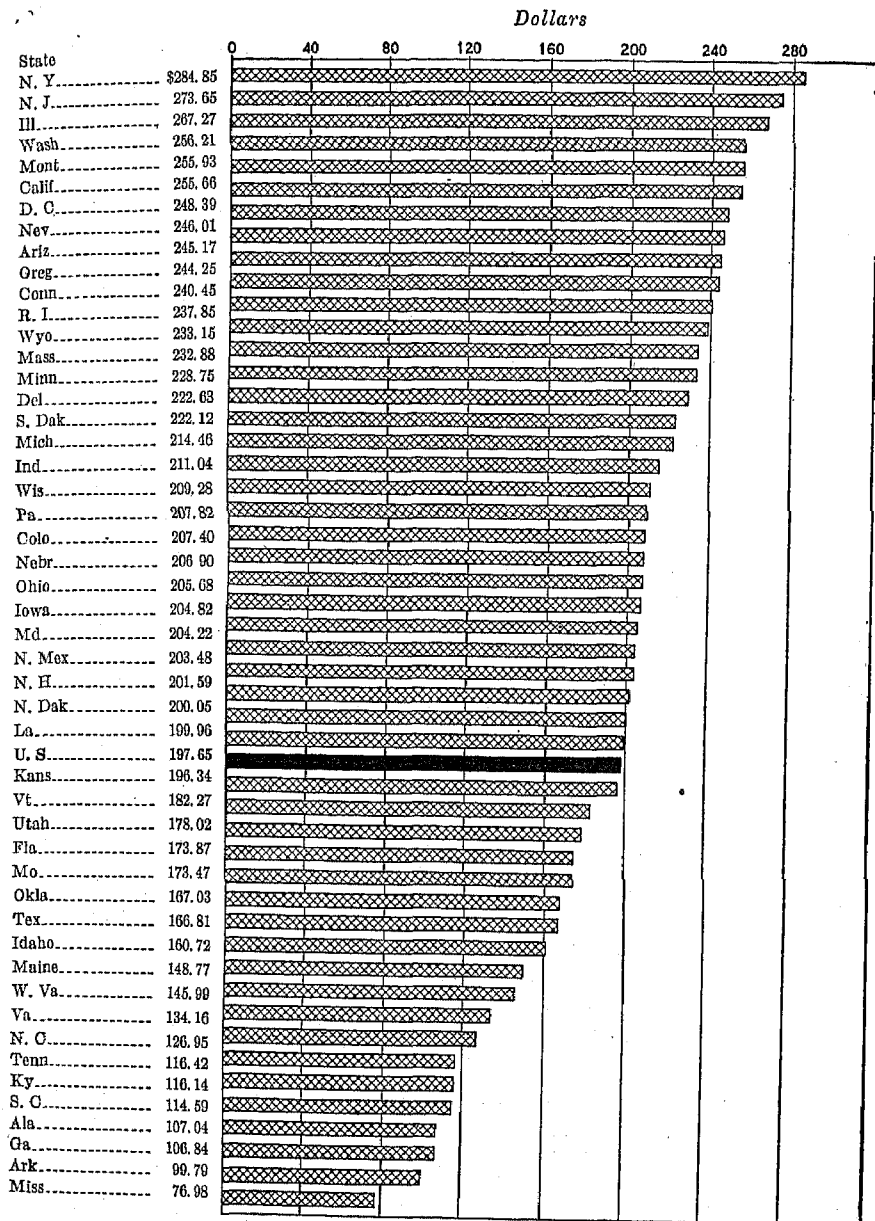
Statistics for schools.—Working through national committees since 1910, the U. S. Office of Education, in cooperation with the State departments of education, has brought about a considerable degree of uniformity in recording and reporting educational statistics. Since about 1930, a similar movement has been in progress with institutions of higher education, the U. S. Office of Education serving as a clearing house for uniform procedures in records and reports.

The statistics presented in the *Abstract* from the Biennial Survey of Education include current national totals and summaries for a period of years. The national totals are reasonably complete for the types of education covered but data are not included for private schools of art, music, drama, etc., for private trade and vocational schools, or private correspondence schools. The introduction of the junior high school, which includes the 7th and 8th grades from the traditional elementary school and the 9th grade from the regular high school, has made it impossible to compare elementary school or high school data over a period of years except on the basis of grade enrollment, 8 grades as elementary and 4 grades as secondary. Similarly the change in status of a large number of normal schools and teachers' colleges to State colleges and universities makes comparison of normal schools and teachers' colleges over a period of years nonrepresentative of the complete teacher training field. Detailed statistics on the major fields of education are published in the reports of the Biennial Survey of Education. Information on vocational education is compiled by the U. S. Office of Education.

Data in this section relate to continental United States except as noted.

FIG. VII.—AVERAGE CURRENT EXPENSE PER PUPIL IN AVERAGE DAILY ATTENDANCE
FOR PUBLIC ELEMENTARY AND SECONDARY SCHOOLS: 1949

[See table 127



Source: Department of Commerce, Bureau of the Census. Data are from Federal Security Agency, Office of Education.

SCHOOL ATTENDANCE

107

No. 121.—PERSONS ATTENDING SCHOOL BY SINGLE YEARS OF AGE FROM 5 TO 20,
BY SEX: 1920 TO 1950

[Statistics for 1940 and 1950 are based on attendance at or enrollment in any regular school or college, including night schools, extension schools, or vocational schools, if part of regular school system. Excludes correspondence schools. In the 2 prior censuses, school attendance question not restricted as to type of school or college. In 1950, question referred to period between Feb. 1 and Apr. 1, 1950; in 1940, to period between Mar. 1, and Apr. 1, 1940; in 1930, to period between Sept. 1, 1929, and Apr. 1, 1930; and in 1920, to period between preceding Sept. 1 and Jan. 1. Leaders indicate data not available]

AGE AND SEX	1920		1930		1940		1950	
	Number	Percent of population	Number	Percent of population	Number	Percent of population	Number	Percent of population
TOTAL								
5 to 20 years old.....	21,373,976	64.3	26,849,639	69.9	26,293,224	70.8	27,289,000	73.0
5 years old.....	441,411	18.8	500,734	20.0	385,100	18.0	234,000	18.8
6 years old.....	1,480,714	63.3	1,667,486	60.3	1,420,051	69.1	1,708,000	65.9
7 years old.....	1,005,404	83.3	2,207,331	89.4	1,035,810	82.4	2,715,000	93.9
8 years old.....	2,010,894	88.5	2,451,048	94.1	2,089,628	84.8	2,411,000	95.0
9 years old.....	1,944,314	90.4	2,401,356	95.6	2,093,679	95.6	2,234,000	95.7
10 years old.....	2,077,965	93.0	2,427,254	97.1	2,209,240	95.7	2,207,000	95.8
11 years old.....	1,970,255	93.9	2,260,735	97.5	2,125,604	95.9	2,152,000	96.0
12 years old.....	2,082,749	93.2	2,408,623	97.1	2,315,270	95.5	2,295,000	96.2
13 years old.....	1,877,429	92.5	2,242,053	96.5	2,265,495	94.8	2,222,000	95.4
14 years old.....	1,766,784	86.3	2,212,825	92.0	2,224,670	92.5	2,014,000	93.8
15 years old.....	1,357,345	72.9	1,043,553	84.7	2,122,005	87.6	1,984,000	91.3
16 years old.....	1,001,701	50.8	1,569,839	66.8	1,897,177	70.2	1,720,000	82.0
17 years old.....	642,360	34.6	1,100,018	47.9	1,464,029	60.9	1,435,000	68.8
18 years old.....	413,619	21.7	723,524	30.7	940,105	36.4	880,000	41.2
19 years old.....	252,680	13.8	441,814	19.8	509,880	20.9	685,000	26.3
20 years old.....	148,352	8.3	201,446	13.1	294,062	12.5	403,000	18.8
MALE								
5 to 20 years old.....	10,663,547	64.1	13,521,768	70.2	13,313,771	71.2		
5 years old.....	217,446	18.3	247,739	19.5	190,842	17.5		
6 years old.....	739,300	62.8	882,088	65.5	710,625	68.2		
7 years old.....	959,128	83.1	1,111,729	89.0	975,904	82.2		
8 years old.....	1,011,506	88.3	1,234,410	94.0	1,057,382	94.7		
9 years old.....	982,227	90.3	1,217,161	95.4	1,062,888	95.5		
10 years old.....	1,048,389	92.9	1,226,457	96.9	1,121,202	95.6		
11 years old.....	980,744	93.8	1,136,412	97.4	1,071,248	95.8		
12 years old.....	1,052,583	93.0	1,222,203	96.9	1,176,278	95.3		
13 years old.....	941,325	92.4	1,126,382	96.4	1,142,178	94.6		
14 years old.....	890,571	86.2	1,120,653	92.9	1,122,703	92.2		
15 years old.....	665,948	71.9	970,070	84.8	1,007,177	87.3		
16 years old.....	470,433	48.2	777,585	65.8	945,009	75.7		
17 years old.....	267,100	32.1	544,739	47.1	784,581	60.5		
18 years old.....	192,481	20.5	350,527	31.1	488,650	38.1		
19 years old.....	127,011	14.0	229,899	20.8	281,123	23.2		
20 years old.....	78,356	9.3	155,714	14.6	166,081	14.4		
FEMALE								
5 to 20 years old.....	10,710,429	64.5	13,327,871	69.7	12,979,453	70.4		
5 years old.....	223,965	19.3	252,995	20.5	194,258	18.4		
6 years old.....	741,414	63.9	835,398	69.1	709,526	70.1		
7 years old.....	946,276	83.5	1,095,602	87.7	959,915	92.7		
8 years old.....	999,358	88.6	1,216,638	94.3	1,032,146	95.0		
9 years old.....	962,087	90.5	1,184,195	95.7	1,030,791	95.7		
10 years old.....	1,029,576	93.2	1,200,797	97.2	1,088,038	95.8		
11 years old.....	980,511	94.1	1,124,323	97.6	1,054,416	96.0		
12 years old.....	1,030,166	93.4	1,186,420	97.3	1,138,992	95.7		
13 years old.....	936,104	92.7	1,115,671	96.7	1,123,317	95.1		
14 years old.....	876,213	86.5	1,092,172	92.9	1,101,967	92.8		
15 years old.....	691,397	73.9	964,483	84.5	1,055,818	88.0		
16 years old.....	531,268	53.3	792,254	66.8	952,170	76.8		
17 years old.....	345,260	37.2	555,279	48.8	729,446	61.3		
18 years old.....	221,138	22.8	363,997	30.3	451,455	34.7		
19 years old.....	125,609	13.6	211,915	18.8	228,257	18.7		
20 years old.....	69,997	7.5	135,732	11.7	128,881	10.6		

¹ Excludes kindergarten enrollment, largely included in earlier enrollment figures.

Source: Dept. of Commerce, Bureau of Census; *Sixteenth Census Reports, Population*, Vol. IV, Part 1, and records.

No. 122.—SCHOOL ATTENDANCE OF PERSONS 5 TO 29 YEARS OLD, BY AGE, COLOR, AND SEX: 1940, 1947, and 1950

[1940 statistics cover total population 5 to 24 years old from 1940 census; 1947 and 1950 figures relate to civilian population 5 to 29 years old, based on Current Population Survey; see Sampling Note, p. 174]

YEAR, COLOR, AND AGE	TOTAL			MALE			FEMALE		
	Popu- lation	Attending school		Popu- lation	Attending school		Popu- lation	Attending school	
		Number	Per- cent		Number	Per- cent		Number	Per- cent
APRIL 1940									
Total, 5 to 24.....	46,351,915	26,759,099	57.7	23,243,697	13,614,585	58.6	23,108,218	13,144,514	56.9
5 years.....	2,142,407	385,180	18.0	1,087,811	190,842	17.5	1,054,596	194,318	18.4
6 years.....	2,054,385	1,420,051	69.1	1,041,757	710,525	68.2	1,012,628	700,526	70.1
7 to 9 years.....	6,487,830	6,119,026	94.3	3,280,255	3,096,174	94.1	3,198,575	3,022,852	94.5
10 to 13 years.....	9,340,205	8,915,069	95.5	4,734,213	4,510,906	95.3	4,605,992	4,404,763	95.6
14 to 17 years.....	9,720,419	7,708,871	79.3	4,902,896	3,869,470	78.9	4,817,523	3,839,401	79.7
18 and 19 years.....	5,018,834	1,449,485	28.9	2,495,372	769,773	30.8	2,523,461	679,712	26.9
20 to 24 years.....	11,587,836	760,837	6.6	5,692,393	466,895	8.2	5,895,443	293,042	5.0
White, 5 to 24.....	40,985,842	23,895,882	58.3	20,633,106	12,219,451	59.2	20,352,736	11,676,431	57.4
5 years.....	1,868,995	361,469	18.8	961,805	174,923	18.4	917,190	170,546	19.2
6 years.....	1,778,068	1,262,542	70.4	904,934	630,095	69.6	873,134	622,447	71.3
7 to 9 years.....	5,681,888	5,394,963	95.0	2,887,798	2,737,763	94.8	2,704,090	2,657,200	95.1
10 to 13 years.....	8,228,249	7,891,397	95.9	4,179,510	4,004,028	95.8	4,048,739	3,887,369	96.0
14 to 17 years.....	8,619,937	6,968,343	80.7	4,362,099	3,513,518	80.5	4,256,938	3,444,825	80.9
18 and 19 years.....	4,468,566	1,333,586	29.8	2,232,418	715,060	32.1	2,236,138	617,626	27.6
20 to 24 years.....	10,340,149	713,582	6.9	5,113,642	443,164	8.7	5,226,507	270,418	5.2
Nonwhite, 5 to 24.....	5,366,073	2,863,217	53.4	2,610,591	1,395,134	53.4	2,755,482	1,468,083	53.3
5 years.....	273,412	183,691	67.0	136,006	116,919	85.3	137,406	117,772	85.7
6 years.....	276,317	1,167,509	60.6	130,823	1,80,490	58.8	139,494	1,87,070	62.4
7 to 9 years.....	805,942	724,063	89.8	401,457	358,411	89.3	404,485	365,652	90.4
10 to 13 years.....	1,111,956	1,024,272	92.1	554,703	506,878	91.4	557,253	517,394	92.8
14 to 17 years.....	1,100,482	750,528	68.2	530,897	355,952	65.9	560,585	394,676	70.4
18 and 19 years.....	560,278	115,899	21.1	262,955	53,813	20.5	287,323	62,086	21.6
20 to 24 years.....	1,247,636	47,255	3.8	578,760	23,731	4.1	668,876	23,524	3.5
APRIL 1947									
Total, 5 to 29.....	56,683,000	26,679,000	47.1	27,864,000	13,985,000	50.2	28,819,000	12,694,000	44.0
5 to 24 years.....	45,199,000	26,244,000	58.2	22,324,000	13,601,000	60.9	22,805,000	12,643,000	55.4
5 years.....	2,628,000	136,000	5.2	1,342,000	54,000	4.0	1,286,000	82,000	6.4
6 years.....	2,446,000	1,044,000	67.2	1,247,000	834,000	66.9	1,199,000	810,000	67.6
7 to 9 years.....	6,915,000	6,643,000	96.1	3,521,000	3,372,000	95.8	3,394,000	3,271,000	96.4
10 to 13 years.....	8,562,000	8,364,000	97.6	4,347,000	4,246,000	97.7	4,216,000	4,109,000	97.5
14 to 17 years.....	8,689,000	7,067,000	81.2	4,377,000	3,538,000	80.8	4,312,000	3,619,000	84.1
18 and 19 years.....	4,141,000	1,148,000	27.7	1,837,000	565,000	30.8	2,304,000	593,000	25.3
20 to 24 years.....	11,743,000	1,262,000	10.7	5,653,000	993,000	17.6	6,090,000	269,000	4.4
25 to 29 years.....	11,554,000	435,000	3.8	5,540,000	384,000	6.9	6,014,000	51,000	.8
White, 5 to 29.....	49,774,000	23,532,000	47.3	24,494,000	12,383,000	50.6	25,280,000	11,149,000	44.1
5 to 24 years.....	39,465,000	23,138,000	58.6	19,536,000	12,036,000	61.6	19,929,000	11,102,000	55.7
5 years.....	2,275,000	113,000	5.0	1,164,000	46,000	4.0	1,111,000	67,000	6.0
6 years.....	2,115,000	1,434,000	67.8	1,081,000	730,000	67.5	1,034,000	704,000	68.1
7 to 9 years.....	5,930,000	5,609,000	94.6	3,052,000	2,949,000	96.6	2,928,000	2,860,000	97.7
10 to 13 years.....	7,436,000	7,299,000	98.2	3,784,000	3,717,000	98.2	3,662,000	3,632,000	98.1
14 to 17 years.....	7,610,000	6,280,000	82.5	3,845,000	3,169,000	82.2	3,771,000	3,127,000	82.9
18 and 19 years.....	3,629,000	1,024,000	28.2	1,600,000	508,000	31.6	2,029,000	518,000	25.5
20 to 24 years.....	10,414,000	1,173,000	11.3	5,010,000	929,000	18.6	5,404,000	244,000	4.5
25 to 29 years.....	10,809,000	394,000	3.6	4,968,000	347,000	7.0	5,841,000	47,000	.9
Nonwhite, 5 to 29.....	6,909,000	3,147,000	45.5	3,370,000	1,602,000	47.5	3,539,000	1,545,000	43.7
5 to 24 years.....	5,664,000	3,106,000	54.8	2,788,000	1,565,000	56.1	2,876,000	1,541,000	53.6
5 years.....	353,000	23,000	6.5	178,000	8,000	4.5	175,000	15,000	8.6
6 years.....	331,000	210,000	63.4	166,000	104,000	62.7	165,000	106,000	64.2
7 to 9 years.....	935,000	834,000	89.2	469,000	423,000	90.2	466,000	411,000	88.2
10 to 13 years.....	1,126,000	1,055,000	93.7	563,000	528,000	93.8	563,000	527,000	93.6
14 to 17 years.....	1,073,000	771,000	71.9	532,000	379,000	71.2	541,000	392,000	72.5
18 and 19 years.....	512,000	124,000	24.2	237,000	59,000	24.9	275,000	65,000	23.6
20 to 24 years.....	1,334,000	89,000	6.7	643,000	64,000	10.0	691,000	25,000	3.6
25 to 29 years.....	1,245,000	41,000	3.3	582,000	37,000	6.4	663,000	4,000	.6

¹ Includes those attending kindergarten, excluded in 1947 and 1950.

SCHOOL ATTENDANCE

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No. 122.—SCHOOL ATTENDANCE OF PERSONS 5 TO 29 YEARS OLD, BY AGE, COLOR, AND SEX: 1940, 1947, and 1950—Continued

YEAR AND AGE	TOTAL			MALE			FEMALE		
	Population	Attending school		Population	Attending school		Population	Attending school	
		Number	Per-cent		Number	Per-cent		Number	Per-cent
OCTOBER 1950									
Total, 5 to 29.....	58,303,000	30,073,000	51.6	28,703,000	15,736,000	54.8	29,600,000	14,337,000	48.4
5 to 24 years.....	46,476,000	29,714,000	63.9	23,060,000	15,403,000	66.8	23,416,000	14,311,000	61.1
5 years.....	2,816,000	585,000	20.8	1,438,000	281,000	19.5	1,378,000	304,000	22.1
6 years.....	2,865,000	2,719,000	94.9	1,463,000	1,368,000	93.5	1,402,000	1,351,000	96.4
7 to 9 years.....	8,301,000	8,210,000	98.9	4,237,000	4,186,000	98.8	4,064,000	4,024,000	99.0
10 to 13 years.....	9,146,000	9,012,000	98.5	4,649,000	4,587,000	98.7	4,497,000	4,425,000	98.4
14 and 15 years.....	4,313,000	4,087,000	94.8	2,180,000	2,084,000	95.2	2,124,000	2,003,000	94.3
16 and 17 years.....	4,070,000	2,901,000	71.3	2,039,000	1,484,000	72.8	2,031,000	1,417,000	69.8
18 and 19 years.....	4,036,000	1,199,000	29.7	1,904,000	680,000	35.7	2,132,000	519,000	24.3
20 to 24 years.....	10,928,000	1,001,000	9.2	5,141,000	733,000	14.3	5,787,000	268,000	4.6
25 to 29 years.....	11,828,000	300,000	3.0	5,643,000	333,000	5.9	6,185,000	27,000	.4

Source: Dept. of Commerce, Bureau of Census; *Current Population Reports*, Series P-20, Nos. 12 and 34.

No. 123.—SCHOOL ENROLLMENT OF PERSONS 5 TO 24 YEARS OLD, BY AGE, URBAN AND RURAL, AND FOR REGIONS: 1950

[Number in thousands. Estimates based on sample of 1950 census returns; see original sources for sampling variability]

RESIDENCE AND REGION	TOTAL, 5 TO 24 YEARS OLD			5 TO 13 YEARS OLD			14 TO 17 YEARS OLD			18 TO 24 YEARS OLD		
	Population	School enrollment		Population	School enrollment		Population	School enrollment		Population	School enrollment	
		Number	Per-cent		Number	Per-cent		Number	Per-cent		Number	Per-cent
United States.....	46,662	28,391	60.8	22,459	18,282	81.4	8,518	7,189	84.4	15,685	2,920	18.6
Nonwhite.....	5,664	3,357	59.3	2,796	2,277	81.4	1,083	819	76.6	1,786	260	14.6
Urban.....	27,359	16,537	60.4	12,356	10,145	82.1	4,719	4,129	87.5	10,284	2,262	22.0
Rural nonfarm.....	10,476	6,284	60.0	5,432	4,338	79.9	1,900	1,555	82.4	3,144	381	12.1
Rural farm.....	8,827	5,570	63.1	4,671	3,709	81.3	1,899	1,495	78.7	2,257	276	12.2
REGION												
Northeast.....	11,205	6,804	61.3	5,153	4,302	83.5	2,099	1,815	86.5	3,953	747	18.9
North Central.....	13,245	8,221	62.1	6,348	5,218	82.2	2,356	2,087	88.6	4,641	916	20.2
South, total.....	16,462	9,600	58.9	8,171	6,484	79.4	3,081	2,403	78.2	5,200	708	15.3
Nonwhite.....	4,038	2,430	60.2	2,060	1,668	81.0	797	576	72.3	1,181	186	15.7
West.....	5,760	3,616	62.8	2,787	2,279	81.8	982	879	89.5	1,991	459	23.1

Source: Dept. of Commerce, Bureau of Census; 1950 Census of Population preliminary reports, Series PC-7, Nos. 1 and 3.

No. 124.—MEDIAN CIVILIAN MONEY EARNINGS IN 1946 FOR URBAN AND RURAL-NONFARM EARNERS 25 YEARS OLD AND OVER, BY YEARS OF SCHOOL COMPLETED, AGE, AND SEX: 1947

[Based on supplementary questions included in Current Population Survey; see Sampling Note, p. 174]

YEARS OF SCHOOL COMPLETED	MALE, 25 YEARS OLD AND OVER				FEMALE, 25 YEARS OLD AND OVER			
	Total	25 to 44 years	45 to 64 years	65 years and over	Total	25 to 44 years	45 to 64 years	65 years and over
Total.....	\$2,816	\$2,296	\$2,449	\$1,625	\$1,130	\$1,174	\$1,123	\$427
Grade school:								
Less than 7 years.....	1,746	1,030	1,032	1,320	611	578	734	315
7 and 8 years.....	2,241	2,190	2,397	1,553	954	1,001	939	477
High school:								
1 to 3 years.....	2,845	2,264	2,639	1,779	1,108	1,088	1,193	493
4 years.....	2,613	2,410	2,960	2,148	1,370	1,367	1,454	
College: 1 year or more.....	3,178	3,020	3,566	2,764	1,655	1,620	1,797	

1 Includes a small number of civilian earners for whom years of school completed was not reported.

Source: Dept. of Commerce, Bureau of Census; *Current Population Reports*, Series P-60, No. 3, and records.

NO. 125.—TYPE OF SCHOOL ATTENDED BY THE ENROLLED POPULATION 5 TO 29 YEARS OLD, BY AGE AND SEX: APRIL 1940 AND OCTOBER 1950

[1940 statistics cover total population 5 to 24 years old from 1940 census; 1950 figures relate to civilian population 5 to 29 years old, based on Current Population Survey. See Sampling Note, p. 174]

YEAR, AGE, AND SEX	Total enrolled	TYPE OF SCHOOL					
		Elementary		High school		College or profes- sional school	
		Number	Percent of total enrolled	Number	Percent of total enrolled	Number	Percent of total enrolled
APRIL 1940							
Total, 5 to 24 ¹	26,518,890	18,142,242	68.4	6,839,399	25.8	1,537,249	5.8
5 to 13 years.....	16,649,812	16,152,553	97.0	497,259	3.0		
14 to 17 years.....	7,670,146	1,925,461	25.1	5,513,473	71.9	231,212	3.0
18 and 19 years.....	1,442,481	48,836	3.4	730,209	50.6	669,436	46.0
20 to 24 years.....	756,451	15,392	2.0	98,468	13.0	642,601	84.9
Male, 5 to 24.....	13,489,530	9,323,765	69.1	3,352,749	24.9	813,016	6.0
5 to 13 years.....	8,410,009	8,191,012	97.4	218,997	2.6		
14 to 17 years.....	3,549,366	1,096,473	28.5	2,654,287	60.0	98,606	2.8
18 and 19 years.....	765,918	27,428	3.6	418,547	54.6	319,943	41.8
20 to 24 years.....	454,237	8,852	1.9	60,918	13.1	394,497	85.0
Female, 5 to 24.....	13,029,360	8,818,477	67.7	3,486,650	26.8	724,233	5.6
5 to 13 years.....	8,239,803	7,961,541	96.6	278,262	3.4		
14 to 17 years.....	3,820,780	828,988	21.7	2,850,186	74.8	132,606	3.5
18 and 19 years.....	676,563	21,408	3.2	311,662	46.1	343,493	50.8
20 to 24 years.....	292,214	6,540	2.2	37,540	12.8	248,134	84.9
OCTOBER 1950							
Total, 5 to 29.....	30,073,000	21,207,000	70.5	6,690,000	22.2	2,175,000	7.2
5 to 24 years.....	29,714,000	21,205,000	71.4	6,656,000	22.4	1,851,000	6.2
5 to 13 years.....	20,526,000	20,138,000	98.1	387,000	1.9		
14 to 17 years.....	6,988,000	1,057,000	15.1	5,752,000	82.3	180,000	2.6
18 and 19 years.....	1,199,000	10,000	.8	456,000	38.0	733,000	61.1
20 to 24 years.....	1,001,000	2,000	.2	61,000	6.1	939,000	93.7
25 to 29 years.....	360,000	2,000	.6	34,000	9.4	324,000	90.0
Male, 5 to 29.....	15,736,000	10,898,000	69.3	3,363,000	21.4	1,474,000	9.4
5 to 24 years.....	15,403,000	10,898,000	70.8	3,344,000	21.7	1,160,000	7.5
5 to 13 years.....	10,422,000	10,256,000	98.4	166,000	1.6		
14 to 17 years.....	3,568,000	635,000	17.8	2,860,000	80.2	74,000	2.1
18 and 19 years.....	680,000	8,000	1.2	277,000	40.7	395,000	58.1
20 to 24 years.....	733,000			42,000	5.7	692,000	94.4
25 to 29 years.....	333,000			19,000	5.7	314,000	94.3
Female, 5 to 29.....	14,337,000	10,309,000	71.9	3,327,000	23.3	701,000	4.9
5 to 24 years.....	14,311,000	10,307,000	72.0	3,312,000	23.1	691,000	4.8
5 to 13 years.....	10,104,000	9,882,000	97.8	222,000	2.2		
14 to 17 years.....	3,420,000	422,000	12.3	2,892,000	84.6	106,000	3.1
18 and 19 years.....	519,000	2,000	.4	179,000	34.5	338,000	65.1
20 to 24 years.....	268,000	2,000	.7	19,000	7.1	247,000	92.2
25 to 29 years.....	27,000	2,000		15,000		10,000	

¹ Excludes persons for whom type of school was not reported.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 34, and records.

NO. 126.—KINDERGARTEN AND SCHOOL ENROLLMENT, IN PUBLIC AND PRIVATE SCHOOLS, OF PERSONS 5 TO 29 YEARS OLD: 1950

[Figures relate to civilian population based on Current Population Survey; see Sampling Note, p. 174. Kindergarten enrollment tabulated only for persons 5 and 6 years old]

TYPE	NUMBER ENROLLED				PERCENT ENROLLED			
	Kinder-garten	Elemen-tary school	High school	College or professional school	Kinder-garten	Elemen-tary school	High school	College or professional school
Total.....	931,000	21,207,000	6,690,000	2,175,000	100.0	100.0	100.0	100.0
Public.....	779,000	18,710,000	6,149,000	1,275,000	83.7	88.2	91.9	58.6
Private.....	152,000	2,497,000	541,000	900,000	16.3	11.8	8.1	41.4

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 34.

SCHOOL ENROLLMENT

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No. 127.—PERCENT DISTRIBUTION, BY TYPE OF SCHOOL, OF PERSONS 5 TO 29 YEARS OLD, ENROLLED IN SCHOOL, BY AGE, COLOR, AND SEX: OCTOBER, 1950

[Figures relate to civilian population based on Current Population Survey; see Sampling Note, p. 174. Percent not shown where base is less than 100,000]

AGE AND SEX	WHITE				NONWHITE			
	Total enrolled	Elementary school	High school	College or professional school	Total enrolled	Elementary school	High school	College or professional school
Total, 5 to 29 years..	100.0	69.6	22.8	7.7	100.0	78.6	17.8	3.6
5 to 24 years.....	100.0	70.4	23.0	6.6	100.0	79.4	17.8	2.8
5 to 13 years.....	100.0	98.1	1.9	—	100.0	97.9	2.0	—
14 to 17 years.....	100.0	12.5	84.8	2.7	100.0	38.3	60.4	1.4
18 to 24 years.....	100.0	.3	21.3	78.4	100.0	3.5	49.1	47.4
25 to 29 years.....	100.0	.6	8.0	91.4	—	—	—	—
Male, 5 to 29 years..	100.0	68.1	22.0	9.9	100.0	79.4	16.0	4.7
5 to 24 years.....	100.0	69.6	22.4	8.0	100.0	80.8	16.0	3.2
5 to 13 years.....	100.0	98.4	1.6	—	100.0	98.4	1.6	—
14 to 17 years.....	100.0	14.9	82.9	2.2	100.0	43.3	55.6	1.1
18 to 24 years.....	100.0	.3	21.3	78.4	—	—	—	—
25 to 29 years.....	100.0	—	4.9	95.1	—	—	—	—
Female, 5 to 29 years..	100.0	71.2	23.6	5.2	100.0	77.8	19.7	2.5
5 to 24 years.....	100.0	71.3	23.6	5.1	100.0	78.0	19.6	2.5
5 to 13 years.....	100.0	97.9	2.1	—	100.0	97.4	2.6	—
14 to 17 years.....	100.0	9.9	86.8	3.3	100.0	33.2	65.4	1.7
18 to 24 years.....	100.0	.3	21.1	78.6	—	—	—	—
25 to 29 years.....	—	—	—	—	—	—	—	—

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 34.

No. 128.—ILLITERACY IN THE CIVILIAN NONINSTITUTIONAL POPULATION 14 YEARS AND OVER, BY AGE AND SEX, URBAN AND RURAL: OCTOBER 1947

[Based on supplementary questions included in Current Population Survey; see Sampling Note, p. 174. Illiterates defined: Persons unable to read or write in any language]

AGE AND AREA	TOTAL POPULATION			MALE			FEMALE		
	Total number	Illiterate		Total number	Illiterate		Total number	Illiterate	
		Number	Per cent		Number	Per cent		Number	Per cent
UNITED STATES									
Total, 14 years and over.....	106,428,000	2,838,000	2.7	51,733,000	1,557,000	3.0	54,693,000	1,280,000	2.3
14 to 24 years.....	24,257,000	232,000	1.0	11,706,000	158,000	1.3	12,550,000	74,000	.6
25 to 34 years.....	22,481,000	310,000	1.4	10,726,000	162,000	1.8	11,754,000	148,000	1.0
35 to 44 years.....	19,898,000	420,000	2.1	9,717,000	262,000	2.7	10,181,000	158,000	1.6
45 to 54 years.....	16,625,000	506,000	3.0	8,236,000	281,000	3.4	8,389,000	225,000	2.7
55 to 64 years.....	12,652,000	662,000	5.2	6,344,000	318,000	5.0	6,308,000	344,000	5.5
65 years and over.....	10,515,000	709,000	6.7	5,006,000	348,000	7.0	5,509,000	361,000	6.6
URBAN									
Total, 14 years and over.....	64,900,000	1,267,000	2.0	30,851,000	590,000	1.9	34,049,000	677,000	2.0
RURAL-NONFARM									
Total, 14 years and over.....	22,026,000	539,000	2.4	10,776,000	309,000	2.9	11,250,000	230,000	2.0
RURAL-FARM									
Total, 14 years and over.....	19,501,000	1,032,000	5.3	10,107,000	659,000	6.5	9,395,000	373,000	4.0

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

No. 129.—MEDIAN YEARS OF SCHOOL COMPLETED BY PERSONS 5 TO 24 YEARS OLD, BY SINGLE YEARS OF AGE: 1940 AND 1950

[Medians for persons 5 and 6 years old may be assumed to be less than 1.0 years. For definition of median, see p. 105. 1940 medians based on final figures from the 1940 census; 1950 medians based on sample of 1950 census returns; see original sources for sampling variability]

AGE	1940									1950, total	
	Total	Male	Female	White		Nonwhite		Urban	Rural non- farm		Rural farm
				Male	Female	Male	Female				
7 years.....	1.5	1.5	1.5	1.5	1.6	1.3	1.4	1.6	1.5	1.5	1.3
8 years.....	2.4	2.3	2.4	2.4	2.5	1.8	2.0	2.5	2.3	2.2	2.2
9 years.....	3.3	3.2	3.4	3.3	3.4	2.5	2.8	3.4	3.2	3.1	3.1
10 years.....	4.2	4.1	4.3	4.2	4.4	3.1	3.5	4.3	4.1	3.0	4.1
11 years.....	5.1	5.0	5.3	5.1	5.3	3.8	4.3	5.3	5.0	4.8	5.0
12 years.....	6.1	5.9	6.2	6.0	6.3	4.4	5.0	6.3	5.9	5.7	5.9
13 years.....	7.0	6.9	7.2	7.0	7.3	5.0	5.8	7.3	6.9	6.6	6.9
14 years.....	8.0	7.8	8.2	8.0	8.3	5.8	6.6	8.3	7.8	7.4	7.9
15 years.....	8.9	8.7	9.1	8.9	9.2	6.4	7.3	9.2	8.8	8.3	8.8
16 years.....	9.7	9.5	9.9	9.6	10.1	6.8	7.8	10.0	9.6	8.8	9.8
17 years.....	10.5	10.2	10.7	10.4	10.9	7.1	8.3	10.9	10.3	9.2	10.6
18 years.....	11.1	10.7	11.3	11.0	11.5	7.1	8.3	11.5	10.8	9.2	11.4
19 years.....	11.4	11.0	11.8	11.4	12.0	7.3	8.4	12.0	11.1	9.2	12.1
20 years.....	11.3	11.0	11.7	11.4	12.1	7.0	8.0	12.1	10.9	8.9	12.1
21 years.....	11.4	11.0	11.8	11.4	12.1	7.0	8.1	12.1	10.8	8.9	12.1
22 years.....	11.2	10.9	11.6	11.4	12.0	6.7	7.8	12.1	10.8	8.8	12.1
23 years.....	11.0	10.8	11.3	11.2	11.9	6.8	7.8	12.0	10.6	8.7	12.1
24 years.....	10.9	10.7	11.1	11.1	11.7	6.7	7.7	11.9	10.5	8.7	12.0

Source: Department of Commerce, Bureau of the Census; *Sixteenth Census Reports, Population*, Vol. IV, Part 1, and records.

No. 130.—PERSONS 5 TO 24 YEARS OLD, BY AGE AND YEARS OF SCHOOL COMPLETED: 1950

[Estimates based on sample of 1950 census returns; see original sources for sampling variability]

AGE AND YEARS OF SCHOOL COMPLETED	Number	Per- cent	AGE AND YEARS OF SCHOOL COMPLETED	Number	Per- cent
5 and 6 years old.....	5,459,000	100.0	16 and 17 years old.....	4,203,000	100.0
No school years completed.....	4,938,000	90.4	Under 1 year of high school ¹	1,065,000	26.1
Grade school: 1 year or more.....	271,000	5.0	High school: 1 to 3 years.....	2,873,000	68.3
School years not reported.....	251,000	4.6	Additional years completed.....	104,000	4.6
7 to 9 years old.....	7,824,000	100.0	School years not reported.....	42,000	1.0
No school years completed.....	1,229,000	15.7	18 to 20 years old.....	6,472,000	100.0
Grade school: 1 and 2 years.....	4,855,000	62.0	Under 1 year of high school ²	1,842,000	20.7
3 years or more.....	1,580,000	20.2	High school: 1 to 3 years.....	1,919,000	29.6
School years not reported.....	163,000	2.1	4 years.....	2,343,000	36.2
10 to 13 years old.....	9,246,000	100.0	College: 1 year or more.....	791,000	12.2
Grade school: Under 5 years ¹	3,841,000	41.5	School years not reported.....	77,000	1.2
5 to 6 years.....	3,909,000	42.9	21 to 24 years old.....	9,153,000	100.0
7 years.....	1,060,000	11.4	Under 1 year of high school ²	2,128,000	23.2
Additional years completed.....	234,000	2.5	High school: 1 to 3 years.....	2,131,000	23.3
School years not reported.....	149,000	1.6	4 years.....	3,056,000	33.4
14 and 15 years old.....	4,368,000	100.0	College: 1 year or more.....	1,793,000	18.6
Grade school: Under 8 years ¹	1,764,000	40.4	School years not reported.....	133,000	1.5
8 years.....	1,356,000	31.0			
High school: 1 year or more.....	1,214,000	27.8			
School years not reported.....	34,000	.8			

¹ Includes no school years completed.

² Includes no school years completed and 1 to 8 years of grade school.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 32, and records.

No. 131.—PERSONS 25 YEARS OLD AND OVER, BY YEARS OF SCHOOL COMPLETED, BY AGE, COLOR, AND SEX: 1940 AND 1950

[1940 statistics are final figures from 1940 census. 1950 statistics are estimates based on sample of 1950 census returns; see original sources for sampling variability]

YEAR, AGE, AND SEX	Popula- tion ¹	Median years of school com- pleted	YEARS OF SCHOOL COMPLETED							
			Grade school			High school		College		
			Less than 5 years ²	5 and 6 years	7 and 8 years	1 to 3 years	4 years	1 to 3 years	4 years or more	
APRIL 1940										
Total, 25 and over	74,775,836	8.4	10,104,612	8,515,111	25,897,953	11,181,995	10,551,680	4,075,184	3,407,331	
Male	37,403,087	8.3	5,550,390	4,399,910	13,239,380	5,332,803	4,507,244	1,823,981	2,021,228	
Female	37,312,749	8.5	4,554,222	4,115,201	12,658,573	5,849,192	6,044,436	2,251,203	1,386,103	
White, 25 and over	67,999,523	8.7	7,322,114	7,082,235	24,546,893	10,603,592	10,255,333	3,948,681	3,319,785	
Male	34,113,972	8.7	4,034,706	3,725,114	12,619,179	5,089,656	4,381,386	1,760,814	1,975,295	
Female	33,885,551	8.8	3,287,408	3,357,121	11,927,714	5,513,936	5,873,947	2,178,867	1,344,490	
Nonwhite, 25 and over	6,776,313	5.7	2,782,498	1,432,876	1,351,060	578,403	296,347	126,503	87,546	
Male	3,349,115	5.4	1,515,684	674,796	620,201	243,147	125,858	54,167	45,933	
Female	3,427,198	6.1	1,266,814	758,080	730,859	335,256	170,489	72,336	41,613	
APRIL 1950										
Total, 25 and over	87,675,000	9.3	9,630,000	8,088,000	23,736,000	15,017,000	17,751,000	6,315,000	5,226,000	
25 to 29 years	12,060,000	12.1	532,000	583,000	1,855,000	2,613,000	4,136,000	1,245,000	915,000	
30 to 34 years	11,619,000	11.5	605,000	660,000	2,284,000	2,524,000	3,519,000	1,041,000	794,000	
35 to 44 years	21,158,000	10.2	1,472,000	1,656,000	5,355,000	4,393,000	4,071,000	1,700,000	1,500,000	
45 to 54 years	17,351,000	8.8	2,006,000	1,802,000	5,546,000	2,716,000	2,703,000	1,184,000	1,015,000	
55 to 64 years	13,170,000	8.4	2,268,000	1,653,000	4,498,000	1,590,000	1,545,000	678,000	591,000	
65 years and over	12,311,000	8.2	2,747,000	1,734,000	4,198,000	1,175,000	1,177,000	467,000	411,000	
Male, 25 and over	43,039,000	9.0	5,199,000	4,169,000	11,915,000	7,142,000	7,645,000	2,953,000	2,568,000	
25 to 29 years	5,905,000	12.0	297,000	310,000	909,000	1,283,000	1,733,000	630,000	567,000	
30 to 34 years	5,713,000	11.3	343,000	357,000	1,101,000	1,227,000	1,511,000	528,000	478,000	
35 to 44 years	10,458,000	10.0	898,000	832,000	2,655,000	2,122,000	2,104,000	790,000	823,000	
45 to 54 years	8,635,000	8.7	1,061,000	914,000	2,906,000	1,299,000	1,163,000	528,000	551,000	
55 to 64 years	6,660,000	8.3	1,226,000	895,000	2,328,000	763,000	667,000	278,000	310,000	
65 years and over	5,668,000	8.1	1,374,000	861,000	1,806,000	448,000	467,000	190,000	239,000	
Female, 25 and over	44,636,000	9.6	4,431,000	3,919,000	11,821,000	7,875,000	10,106,000	3,362,000	2,558,000	
25 to 29 years	6,155,000	12.1	235,000	273,000	886,000	1,330,000	2,403,000	606,000	348,000	
30 to 34 years	5,906,000	11.8	262,000	303,000	1,123,000	1,297,000	2,008,000	513,000	316,000	
35 to 44 years	10,700,000	10.4	574,000	824,000	2,700,000	2,271,000	2,567,000	910,000	677,000	
45 to 54 years	8,716,000	8.9	945,000	888,000	2,640,000	1,417,000	1,540,000	656,000	604,000	
55 to 64 years	6,510,000	8.5	1,042,000	758,000	2,170,000	833,000	878,000	400,000	281,000	
65 years and over	6,043,000	8.3	1,373,000	873,000	2,302,000	727,000	710,000	277,000	172,000	
White, 25 and over	79,766,000	9.7	7,312,000	6,635,000	22,069,000	13,979,000	17,158,000	6,046,000	5,062,000	
Male	39,132,000	9.3	3,882,000	3,456,000	11,183,000	6,679,000	7,385,000	2,852,000	2,886,000	
Female	40,634,000	10.0	3,430,000	3,179,000	10,886,000	7,300,000	9,773,000	3,194,000	2,176,000	
Nonwhite, 25 and over	7,909,000	7.0	2,318,000	1,453,000	1,667,000	1,038,000	593,000	269,000	164,000	
Male	3,907,000	6.5	1,317,000	713,000	732,000	463,000	260,000	101,000	82,000	
Female	4,002,000	7.4	1,001,000	740,000	935,000	575,000	333,000	168,000	82,000	

¹ Includes 1,041,970 persons for 1940 and 1,912,000 persons for 1950, not reported by years of school completed and not shown separately in this table.

² Includes persons reporting no school years completed.

Source: Department of Commerce, Bureau of the Census; 1950 Census of Population preliminary report, PC-7, No. 6.

NO. 132.—MEDIAN YEARS OF SCHOOL COMPLETED FOR PERSONS 25 YEARS OLD AND OVER, BY RACE AND BY URBAN AND RURAL RESIDENCE, BY STATES: 1940

[For definition of median, see p. 105]

DIVISION AND STATE	MEDIAN YEARS OF SCHOOL COMPLETED							
	Total	Race				Residence		
		Native white	Foreign-born white	Negro	Other races	Urban	Rural-non-farm	Rural-farm
United States.....	8.4	8.8	7.3	5.7	6.8	8.7	8.4	7.7
New England.....	8.8	10.0	7.3	7.8	7.0	8.8	8.9	8.6
Maine.....	8.9	9.6	7.6	7.8	7.1	9.1	9.0	8.7
New Hampshire.....	8.7	9.1	7.4	8.1	-----	8.6	8.9	8.7
Vermont.....	8.8	9.0	7.8	8.0	-----	9.5	8.8	8.7
Massachusetts.....	9.0	10.7	7.4	8.0	6.9	9.0	9.3	8.5
Rhode Island.....	8.3	8.8	6.8	7.6	6.5	8.3	8.3	8.0
Connecticut.....	8.5	9.1	7.1	7.6	7.7	8.4	8.7	8.3
Middle Atlantic.....	8.4	8.8	7.2	7.5	6.1	8.4	8.3	8.1
New York.....	8.4	9.0	7.4	7.8	6.0	8.4	8.7	8.3
New Jersey.....	8.4	8.8	7.2	7.2	6.5	8.4	8.4	7.9
Pennsylvania.....	8.2	8.6	5.9	7.1	6.7	8.4	8.1	8.0
East North Central.....	8.5	8.8	7.3	7.5	7.5	8.7	8.5	8.1
Ohio.....	8.6	8.8	6.9	7.4	7.2	8.7	8.5	8.2
Indiana.....	8.5	8.6	7.2	7.6	7.5	8.7	8.5	8.2
Illinois.....	8.6	8.8	7.4	7.7	8.7	8.6	8.3	8.1
Michigan.....	8.6	9.0	7.5	7.6	7.0	8.8	8.6	8.1
Wisconsin.....	8.3	8.5	7.3	7.5	7.3	8.6	8.4	7.9
West North Central.....	8.5	8.7	7.6	7.4	7.0	8.9	8.5	8.1
Minnesota.....	8.5	8.7	7.6	8.4	7.0	8.9	8.4	8.0
Iowa.....	8.7	8.8	7.8	8.0	7.7	9.6	8.7	8.4
Missouri.....	8.3	8.4	7.5	7.2	8.3	8.6	8.3	7.9
North Dakota.....	8.3	8.5	7.5	7.3	5.8	9.8	8.4	7.0
South Dakota.....	8.5	8.7	7.6	8.3	6.9	10.0	8.6	8.1
Nebraska.....	8.8	8.9	7.6	8.0	8.1	9.9	8.8	8.3
Kansas.....	8.7	8.8	7.3	7.9	7.8	9.3	8.7	8.4
South Atlantic.....	7.8	8.5	7.7	4.9	5.3	8.6	7.7	6.5
Delaware.....	8.5	8.9	7.0	6.1	-----	8.7	8.6	7.7
Maryland.....	8.0	8.4	6.8	5.8	6.2	8.0	8.2	7.4
District of Columbia.....	10.3	12.1	8.3	7.6	8.0	10.3	-----	-----
Virginia.....	7.7	8.3	8.3	5.0	6.6	8.7	7.7	6.6
West Virginia.....	7.8	7.9	5.7	6.5	-----	8.7	7.6	7.3
North Carolina.....	7.4	8.1	10.6	5.1	4.9	8.6	7.6	6.6
South Carolina.....	6.7	8.7	9.1	3.9	3.6	8.7	6.9	5.5
Georgia.....	7.1	8.4	8.9	4.2	7.7	8.1	7.5	6.0
Florida.....	8.3	9.5	8.3	5.2	5.8	8.9	7.9	7.1
East South Central.....	7.5	8.1	8.0	5.0	3.3	8.4	7.7	6.7
Kentucky.....	7.7	7.8	7.8	6.2	7.3	8.4	7.7	7.2
Tennessee.....	7.7	8.0	8.3	5.8	6.4	8.4	7.8	7.0
Alabama.....	7.1	8.2	8.1	4.5	4.4	8.3	7.3	6.1
Mississippi.....	7.1	8.9	8.0	4.7	2.2	8.7	8.0	6.2
West South Central.....	8.1	8.7	4.5	5.3	7.0	9.0	8.1	7.1
Arkansas.....	7.5	8.1	7.8	5.2	7.0	8.9	7.8	6.9
Louisiana.....	6.6	8.2	6.9	3.9	1.0	7.9	6.5	4.5
Oklahoma.....	8.4	8.5	7.7	7.0	7.1	9.9	8.2	7.7
Texas.....	8.5	9.3	3.9	6.1	6.7	9.5	8.7	7.5
Mountain.....	8.9	9.4	7.5	7.8	2.7	10.0	8.7	8.2
Montana.....	8.7	9.1	7.7	7.9	6.5	9.6	8.7	8.3
Idaho.....	8.9	9.2	7.9	7.4	6.6	10.5	8.9	8.6
Wyoming.....	9.2	9.9	7.5	7.9	7.2	10.3	9.3	8.6
Colorado.....	8.9	9.4	7.4	8.5	7.4	9.9	8.7	8.3
New Mexico.....	7.9	8.2	4.6	7.3	0.9	9.4	7.5	6.7
Arizona.....	8.6	9.6	5.5	7.4	1.0	9.6	8.6	7.2
Utah.....	10.2	10.7	7.9	8.4	5.3	10.8	9.7	9.0
Nevada.....	9.6	10.7	7.6	7.8	4.8	10.5	9.5	8.4
Pacific.....	9.7	10.5	7.9	8.3	7.7	10.4	8.9	8.4
Washington.....	9.1	10.0	8.1	8.1	8.0	10.1	8.9	8.4
Oregon.....	9.1	9.6	8.1	8.3	7.8	10.2	8.9	8.5
California.....	9.9	10.8	7.8	8.3	7.6	10.5	8.9	8.3

Source: Department of Commerce, Bureau of the Census; *Sixteenth Census Reports, Population*, Vol. II.

No. 133.—PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—SUMMARY: 1870 TO 1949

ITEM	1870	1880	1890	1900	1910
Total population.....	1 38,558,371	1 50,155,783	1 62,622,250	1 75,602,515	1 91,972,206
Population 5-17 years, inclusive.....	1 12,055,443	1 15,065,767	1 18,543,201	1 21,404,322	1 24,239,948
Percent of total population.....	31.3	30.0	29.6	28.3	26.4
Pupils enrolled in public schools.....	6,871,522	9,867,395	12,722,631	15,503,110	17,813,852
Percent of total population.....	17.82	19.67	20.32	20.51	19.37
Percent of population 5-17, inclusive.....	57.00	65.50	68.61	72.43	73.49
Average daily attendance.....	4,077,347	6,144,143	8,153,635	10,632,772	12,827,307
Percent of pupils enrolled.....	59.3	62.3	64.1	68.6	72.0
Average number of days schools in session.....	132.2	130.3	134.7	144.3	157.6
Average number of days attended per enrolled pupil.....	78.4	81.1	86.3	90.0	113.0
Number of teachers.....	200,515	280,593	363,922	423,062	523,210
Male.....	77,529	122,795	135,525	126,588	110,481
Female.....	122,986	163,798	228,397	296,474	412,729
Percent male teachers.....	35.7	42.8	34.5	29.0	21.1
Salaries: Teachers, supervisors, and principals (thousands of dollars).....	37,833	55,043	91,836	137,688	253,915
Average annual salary per teacher.....	\$189	\$196	\$252	\$326	\$486
Total expenditure for education (thousands of dollars) ²	63,307	78,065	140,507	214,965	426,250
Per capita of total population.....	\$1.64	\$1.56	\$2.24	\$2.84	\$4.03
Per capita of population 5-17, inclusive.....	\$5.26	\$5.18	\$7.58	\$10.04	\$17.58
Per pupil enrolled.....	\$9.23	\$7.91	\$11.04	\$13.87	\$23.93
Per pupil in average attendance.....	\$15.55	\$12.71	\$17.23	\$20.22	\$33.23

ITEM	1920	1930	1940	1946	1948	1949
Total population.....	1 105,710,620	1 122,775,046	1 131,669,275	1 130,893,406	1 146,113,000	1 148,720,000
Population 5-17 years, inclusive.....	1 27,728,788	1 31,571,322	1 29,745,246	28,944,000	30,171,000	30,789,000
Percent of total population.....	26.2	25.7	22.6	20.7	20.6	20.7
Pupils enrolled in public schools.....	21,578,316	25,678,015	25,433,542	23,299,941	23,944,532	24,476,658
Percent of total population.....	20.4	20.9	19.3	16.7	16.4	16.5
Percent of population 5-17, inclusive.....	77.8	81.3	85.5	80.5	79.4	79.5
Average daily attendance.....	16,150,035	21,264,886	22,042,151	19,848,507	20,909,739	21,495,810
Percent of pupils enrolled.....	74.8	82.8	86.7	85.2	87.3	87.8
Average number of days schools in session.....	161.9	172.7	175.0	176.8	177.6	178.2
Average number of days attended per enrolled pupil.....	121.2	143.0	151.7	150.6	155.1	156.5
Number of teachers.....	679,533	854,263	875,477	831,020	860,678	878,804
Male.....	95,066	141,771	194,725	138,200	161,913	172,720
Female.....	583,867	712,492	680,752	692,817	698,765	706,084
Percent male teachers.....	14.1	16.6	22.2	16.6	18.8	19.7
Salaries: Teachers, supervisors, and principals (thousands of dollars).....	590,120	1,250,427	1,314,342	1,730,563	2,303,630	2,642,613
Average annual salary per teacher ³	\$871	\$1,420	\$1,441	\$1,995	\$2,639	\$2,846
Total expenditure for education (thousands of dollars) ³	1,036,151	2,316,790	2,344,049	2,906,886	4,311,176	5,010,236
Per capita of total population.....	\$9.80	\$18.87	\$17.77	\$20.78	\$29.51	\$33.69
Per capita of population 5-17, inclusive.....	\$37.37	\$73.38	\$78.65	\$100.43	\$142.89	\$162.73
Per pupil enrolled ⁴	\$48.02	\$59.84	\$91.64	\$124.27	\$178.89	\$203.90
Per pupil in average attendance ⁵	\$64.16	\$108.49	\$105.74	\$145.88	\$204.80	\$232.24

¹ Census enumeration as of June 1, 1870 to 1900; Apr. 15, 1910; Jan. 1, 1920; Apr. 1, 1930 and 1940.² Excluding population of Indian Territory which is not covered by public-school statistics, and also, for 1890, population of Indian reservations. These were not enumerated at censuses prior to 1890.³ Current expense, capital outlays, and interest.⁴ Census estimate, excludes armed forces overseas.⁵ Beginning 1920, based on total number of teachers, supervisors, and principals.⁶ Beginning 1920, excludes data for night, summer, part-time, and continuation schools separately reported.Source (except for population statistics and estimates): Federal Security Agency, Office of Education; *Biennial Survey of Education*, chapter on Statistical Summary of Education and chapter on Statistics of State School Systems, and circular No. 285, *Statistics of State School Systems*.

No. 134.—NUMBER OF SCHOOLS OF SPECIFIED TYPES, BY STATES: 1948

DIVISION AND STATE	PUBLIC SCHOOLS (EXCLUDING KINDERGARTENS)		NONPUBLIC SCHOOLS (EX- CLUDING KINDERGARTENS)		COLLEGES, UNI- VERSITIES AND PROFESSIONAL SCHOOLS		RESIDENTIAL SCHOOLS FOR EXCEPTIONAL CHILDREN, 1946		Schools of nurs- ing not affiliated with colleges and universities
	Elemen- tary	Sec- ond- ary	Elemen- tary	Sec- ond- ary	Pub- licly con- trolled	Pri- vately con- trolled	Pub- lic	Pri- vate	
Continental U. S.	146,760	25,484	10,071	3,292	630	1,158	307	137	1,067
New England	6,030	990	888	431	36	109	28	16	111
Maine	1,045	214	83	60	5	10	4	—	11
New Hampshire	1,558	182	65	30	3	5	2	—	12
Vermont	912	85	29	25	4	9	2	1	8
Massachusetts	1,858	422	414	202	17	58	11	11	53
Rhode Island	1,322	162	101	29	2	7	4	1	5
Connecticut	755	125	196	76	5	20	5	3	17
Middle Atlantic	14,744	2,631	2,336	707	51	216	28	60	249
New York	6,168	1,030	1,051	335	26	97	11	31	95
New Jersey	1,547	268	382	126	10	25	9	6	42
Pennsylvania	7,029	1,333	903	246	15	94	8	23	112
East North Central	25,219	4,321	2,697	641	104	229	38	17	212
Ohio	3,123	1,233	636	153	9	58	11	1	58
Indiana	2,271	867	298	39	6	33	7	1	25
Illinois	8,811	735	843	189	17	84	5	5	84
Michigan	4,793	750	431	169	30	26	0	6	23
Wisconsin	6,221	786	539	91	36	28	0	4	22
West North Central	35,425	4,200	1,651	415	104	141	46	8	120
Minnesota	5,622	646	333	73	16	28	11	3	21
Iowa	7,061	923	332	137	21	31	6	2	23
Missouri	6,910	736	435	89	18	35	11	3	23
North Dakota	3,300	410	54	18	11	2	4	—	10
South Dakota	3,403	317	52	18	7	6	4	—	7
Nebraska	5,052	537	216	47	10	13	5	—	10
Kansas	4,077	631	229	33	21	23	5	—	26
South Atlantic	21,085	4,260	546	303	82	194	61	13	168
Delaware	190	47	26	11	2	2	4	—	7
Maryland	879	228	161	61	11	20	6	0	21
District of Columbia	129	35	52	23	3	21	5	2	6
Virginia	3,490	656	62	59	12	33	10	1	31
West Virginia	4,146	380	50	15	10	9	9	—	23
North Carolina	3,741	962	61	31	13	39	0	—	39
South Carolina	3,399	486	27	19	7	25	0	—	10
Georgia	3,506	793	43	29	19	33	7	1	12
Florida	1,606	773	64	55	5	12	5	—	13
East South Central	18,316	2,457	406	222	44	101	24	3	58
Kentucky	5,469	566	196	96	9	31	5	1	12
Tennessee	4,850	547	70	41	7	30	7	1	12
Alabama	3,569	664	90	46	9	17	8	1	15
Mississippi	4,428	680	50	39	10	14	4	—	19
West South Central	13,980	4,131	724	239	87	77	30	6	60
Arkansas	3,027	601	54	21	12	12	4	—	8
Louisiana	2,316	524	224	88	6	12	7	2	13
Oklahoma	2,668	821	79	38	28	9	8	2	11
Texas	5,969	2,095	367	92	41	44	11	2	28
Mountain	6,051	1,197	250	98	47	18	31	1	32
Montana	1,380	176	43	18	8	3	5	—	4
Idaho	789	170	26	7	6	3	4	—	8
Wyoming	568	89	7	1	2	—	3	—	—
Colorado	1,668	348	83	30	12	6	6	1	7
New Mexico	675	143	46	19	7	1	5	—	1
Arizona	401	90	29	16	5	1	3	—	5
Utah	362	144	9	6	6	4	4	—	7
Nevada	199	37	1	1	1	—	1	—	—
Pacific	5,910	1,297	573	236	71	73	21	13	57
Washington	1,199	367	101	49	14	12	8	—	16
Oregon	1,220	229	73	24	6	14	5	1	7
California	3,491	701	399	163	51	47	8	12	34
U. S. Service Academies									

1 Reduction in number from previous years due to change in definition of term "school."

2 Data for 1943-44.

3 Data for 1945-46.

Source: Federal Security Agency, Office of Education; *Biennial Survey of Education*, chapter on Statistical Summary of Education.

No. 135.—PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—ENROLLMENT AND ATTENDANCE, BY STATES AND OTHER AREAS: 1949

[Includes data for kindergartens. Excludes data for residential schools for exceptional children, observation and practice schools, and preparatory departments of colleges and universities]

DIVISION, STATE, OR OTHER AREA	PUPILS ENROLLED			Average daily attendance (1,000)	Average number of days school in session	Average number of days attended per pupil enrolled	High school graduates
	Total	Elementary	Secondary				
Continental U. S.	24,476,658	18,818,254	5,658,404	21,496	178.2	156.5	1,087,944
New England	1,239,437	925,579	313,858	1,110	178.7	160.0	65,784
Maine	157,573	122,000	35,573	143	180.2	153.5	6,593
New Hampshire	70,259	52,061	18,208	64	175.2	159.4	3,720
Vermont	58,098	42,680	15,418	55	170.0	159.6	3,290
Massachusetts	598,901	430,555	159,346	529	178.6	157.7	34,173
Rhode Island	94,550	71,905	22,645	81	180.0	154.9	4,335
Connecticut	260,056	197,388	62,668	238	180.8	165.5	13,673
Middle Atlantic	4,109,260	2,985,246	1,124,014	3,585	183.2	159.9	216,120
New York	1,906,977	1,362,488	544,489	1,656	183.5	159.4	97,825
New Jersey	1,648,865	1,143,411	505,454	1,361	182.7	160.0	33,892
Pennsylvania	1,553,418	1,143,411	410,007	1,361	183.2	160.5	84,403
East North Central	4,528,641	3,377,938	1,150,703	4,060	180.1	161.4	225,066
Ohio	1,185,900	900,183	285,717	1,080	178.6	162.0	59,782
Indiana	672,330	505,938	166,392	565	173.7	146.1	23,566
Illinois	1,152,062	852,798	299,264	1,012	186.8	164.1	58,913
Michigan	1,036,395	770,986	265,410	949	180.0	164.9	43,793
Wisconsin	481,953	348,033	133,920	453	176.6	166.2	30,012
West North Central	2,388,215	1,800,801	587,414	2,093	176.9	155.0	123,193
Minnesota	487,382	362,777	124,605	433	173.7	154.1	26,705
Iowa	469,280	357,742	111,538	412	179.0	157.0	23,061
Missouri	640,327	491,342	148,985	548	182.8	156.3	28,948
North Dakota	112,917	86,370	26,547	102	170.3	153.9	5,631
South Dakota	114,879	86,478	28,401	101	175.0	153.3	6,120
Nebraska	225,516	165,123	60,393	201	177.4	158.2	13,634
Kansas	337,914	250,960	86,954	297	170.2	149.6	18,284
South Atlantic	3,948,546	3,157,763	790,783	3,461	178.9	156.8	132,957
Delaware	43,222	33,057	10,165	39	181.9	164.0	2,176
Maryland	315,046	258,112	56,934	280	185.1	164.3	10,519
District of Columbia	95,817	74,042	21,775	83	175.0	151.0	3,825
Virginia	574,862	453,007	121,765	513	180.0	160.6	18,393
West Virginia	429,361	343,220	86,141	389	173.8	157.6	15,467
North Carolina	857,005	687,558	169,447	769	179.9	161.5	28,277
South Carolina	478,103	404,732	73,371	398	173.7	144.7	10,256
Georgia	728,790	560,757	159,033	598	180.0	147.7	27,399
Florida	426,340	334,188	92,152	392	180.4	166.0	16,025
East South Central	2,367,624	1,968,579	399,045	2,052	170.4	147.7	66,445
Kentucky	550,827	460,653	90,174	468	171.6	145.8	15,005
Tennessee	638,920	525,613	113,307	560	177.0	155.2	17,820
Alabama	657,359	538,862	118,497	562	170.4	160.8	20,088
Mississippi	520,518	443,451	77,067	401	164.0	136.5	12,842
West South Central	2,618,349	2,101,413	516,936	2,268	176.1	152.5	88,279
Arkansas	417,430	340,792	76,638	346	171.8	142.5	13,379
Louisiana	447,047	379,846	67,201	395	179.5	158.4	4,210
Oklahoma	444,467	336,820	107,637	402	180.0	162.0	20,199
Texas	1,309,415	1,043,955	265,460	1,125	174.8	150.2	50,482
Mountain	930,073	718,732	211,341	827	173.6	154.4	41,421
Montana	100,478	75,578	24,900	90	177.6	159.3	4,093
Idaho	107,067	79,990	27,068	103	171.9	163.2	5,686
Wyoming	56,094	43,081	13,013	47	174.7	143.8	2,580
Colorado	212,591	168,444	49,147	193	176.1	160.1	10,106
New Mexico	143,835	115,508	28,327	115	172.0	138.0	4,091
Arizona	132,105	106,012	26,093	118	170.0	151.7	4,672
Utah	147,714	109,444	38,270	137	173.2	160.6	8,243
Nevada	28,359	22,066	6,293	24	172.0	143.4	1,050
Pacific	2,346,513	1,782,203	564,310	2,040	177.5	154.3	98,679
Washington	419,530	316,061	103,469	343	177.1	144.9	18,008
Oregon	245,404	180,737	64,667	216	181.2	159.9	12,171
California	1,681,579	1,285,405	396,174	1,480	177.0	155.8	68,500
Alaska	10,124	8,935	1,189	9	173.5	157.4	217
American Samoa	3,140	2,485	655	(¹)	(¹)	(¹)	(¹)
Canal Zone	6,086	7,088	1,008	8	187.0	168.9	423
Hawaii	84,500	61,226	23,273	80	177.0	168.2	5,260
Puerto Rico	380,227	342,479	43,748	340	190.0	170.1	6,460
Virgin Islands	4,548	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)

¹ Estimated. ² 1948 data. ³ 1947 data. ⁴ Not available.

Source: Federal Security Agency, Office of Education; circular No. 285, *Statistics of State School Systems*.

NO. 136.—PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—NUMBERS AND SALARIES OF TEACHERS, BY STATES AND OTHER AREAS: 1940 TO 1949

DIVISION, STATE, OR OTHER AREA	NUMBER OF TEACHERS ¹			Per cent of teachers, male, 1949	NUMBER OF PUPILS PER TEACHER ²			SALARIES OF TEACHERS, SUPERVISORS AND PRINCIPALS			
	1940	1948	1949		1940	1948	1949	Total, 1949 (1,000 dollars)	Average salary (dollars)		
									1940	1948	1949
Continental U. S.	875,477	860,678	878,804	19.7	25.2	24.3	24.5	2,642,613	1,441	2,639	2,846
New England	49,930	47,166	48,848	20.4	25.2	23.1	22.7	157,874	1,748	2,867	3,035
Maine	6,156	6,117	6,211	19.2	24.1	22.9	23.0	12,432	804	1,767	1,942
New Hampshire	2,945	2,788	2,782	21.4	22.9	22.3	23.0	7,631	1,258	2,355	2,571
Massachusetts	2,653	2,354	2,384	13.2	21.3	22.7	22.0	6,473	981	2,006	2,513
Vermont	24,769	22,287	24,123	22.6	25.4	23.4	21.9	81,235	2,037	3,103	3,159
Rhode Island	3,788	3,626	3,600	19.2	26.4	22.4	22.6	12,846	1,809	3,105	3,352
Connecticut	9,619	9,994	9,748	17.4	26.6	23.2	24.4	37,257	1,861	3,249	3,638
Middle Atlantic	168,500	157,358	156,166	21.6	25.1	22.5	23.0	552,739	2,167	3,101	3,348
New York	80,553	75,025	73,225	21.6	23.8	21.7	22.6	291,572	2,604	3,476	3,782
New Jersey	26,984	25,901	26,440	20.6	23.5	21.4	21.5	93,410	2,093	3,102	3,306
Pennsylvania	60,963	56,432	56,501	22.1	27.4	24.1	24.1	167,757	1,640	2,597	2,783
East North Central	164,354	160,640	164,839	23.6	25.3	24.5	24.6	550,447	1,670	2,927	3,191
Ohio	43,671	41,363	42,356	26.7	25.7	25.3	25.5	132,957	1,687	2,847	3,029
Indiana	21,460	22,125	22,592	28.0	27.5	25.0	25.0	78,933	1,433	3,073	3,243
Illinois	45,955	43,307	44,297	21.4	23.8	22.8	22.8	158,768	1,700	3,016	3,412
Michigan	32,716	33,811	35,200	21.2	26.3	26.5	27.0	121,156	1,676	3,020	3,289
Wisconsin	20,553	20,034	20,394	23.4	23.7	22.2	22.2	58,933	1,379	2,560	2,803
West North Central	115,716	102,509	101,482	17.0	20.0	19.8	20.6	255,713	1,042	2,120	2,388
Minnesota	21,080	10,056	19,604	18.0	21.5	21.7	22.1	55,477	1,276	2,482	2,750
Iowa	22,450	20,902	20,384	14.9	19.5	19.2	20.2	53,387	1,017	2,088	2,479
Missouri	26,423	22,922	22,135	17.4	22.7	23.2	24.7	54,400	1,169	2,999	3,304
North Dakota	7,262	6,388	6,449	17.3	17.2	15.8	15.8	12,113	745	1,605	1,810
South Dakota	7,837	6,726	6,563	13.7	15.3	15.0	15.3	14,469	807	1,888	2,136
Nebraska	13,760	11,855	11,817	14.5	17.6	16.8	17.0	20,255	820	1,919	2,162
Kansas	16,904	14,600	14,530	20.0	19.6	18.9	20.4	30,513	1,014	2,101	2,452
South Atlantic	120,914	124,950	130,855	15.2	27.9	26.8	26.5	329,761	1,014	2,222	2,372
Delaware	1,626	1,761	1,806	27.0	24.1	21.6	21.7	5,441	1,684	2,642	2,840
Maryland	8,638	9,740	10,504	18.7	29.8	27.3	26.6	38,988	1,642	3,321	3,506
District of Columbia	3,057	3,329	3,349	17.7	27.1	25.4	24.7	13,305	2,350	3,411	3,745
Virginia	17,734	17,532	18,174	11.5	27.9	28.3	28.2	46,777	899	2,062	2,230
West Virginia	14,252	13,681	13,842	19.8	28.9	27.7	28.1	37,678	1,170	2,364	2,402
North Carolina	24,530	25,216	26,266	12.8	32.2	30.8	30.3	67,478	946	2,114	2,438
South Carolina	15,042	16,725	16,392	13.0	25.6	23.9	24.3	29,401	743	1,742	1,769
Georgia	22,846	22,700	24,200	16.7	25.6	25.6	24.6	42,990	770	1,724	1,732
Florida	13,189	15,266	16,232	16.1	24.8	24.2	24.2	48,694	1,012	2,041	2,830
East South Central	73,127	74,683	75,936	17.4	28.3	26.9	27.0	140,442	758	1,780	1,806
Kentucky	18,802	17,879	18,090	19.7	26.2	25.4	25.9	35,109	826	1,884	1,855
Tennessee	20,147	20,738	21,487	18.5	26.6	26.4	26.1	39,953	802	1,901	1,845
Alabama	19,405	20,653	21,115	14.2	29.2	26.7	26.6	44,361	744	1,957	2,096
Mississippi	14,773	15,413	15,244	17.7	32.1	29.6	30.3	21,019	559	1,256	1,366
West South Central	93,091	87,791	90,775	17.1	25.5	25.1	25.0	232,793	987	2,326	2,396
Arkansas	12,852	12,598	12,805	19.6	29.1	27.3	27.0	21,455	584	1,545	1,626
Louisiana	14,830	14,135	15,687	16.1	26.8	26.0	25.2	46,017	1,006	2,230	2,771
Oklahoma	20,204	16,050	16,178	16.7	24.0	24.9	24.9	42,107	1,014	2,277	2,258
Texas	45,205	46,008	46,105	16.8	24.7	23.9	24.4	123,214	1,079	2,585	2,517
Mountain	33,662	34,435	35,017	23.8	23.4	23.2	23.6	108,839	1,290	2,663	2,905
Montana	5,105	4,742	4,013	15.7	18.9	18.3	22.5	13,450	1,184	2,582	2,893
Idaho	4,513	3,970	4,016	25.8	23.5	25.8	25.5	9,524	1,057	2,239	2,297
Wyoming	2,551	2,514	2,463	18.4	18.5	19.1	19.0	6,587	1,109	2,187	2,363
Colorado	8,918	8,071	9,141	22.4	22.3	21.3	21.2	25,140	1,393	2,540	2,643
New Mexico	3,768	4,218	4,514	21.3	28.0	25.7	25.6	15,517	1,144	2,741	3,060
Arizona	3,384	4,500	4,850	26.3	26.1	25.0	24.3	18,969	1,544	3,136	3,640
Utah	4,417	4,728	4,876	28.0	28.0	28.0	28.1	15,064	1,394	2,968	3,100
Nevada	886	1,083	1,144	23.2	20.1	21.3	20.7	3,679	1,557	2,988	3,110
Pacific	56,183	71,146	74,886	21.2	26.7	27.7	27.2	314,005	2,101	3,533	3,901
Washington	10,583	13,195	14,168	25.5	25.9	24.6	24.2	50,786	1,706	3,325	3,374
Oregon	7,296	8,544	9,483	20.5	22.8	24.1	22.8	32,011	1,333	2,941	3,157
California	38,304	49,407	51,235	20.2	27.6	29.2	28.9	230,308	2,351	3,690	4,170
Alaska ³	302	449	463	18.8	(⁴)	18.7	19.8	2,054	(⁴)	3,588	4,173
American Samoa	65	105	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
Canal Zone	200	280	307	30.6	(⁴)	26.7	26.7	(⁴)	921	1,634	2,650
Guam	139	212	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	309	(⁴)	(⁴)
Hawaii	3,091	2,968	3,115	19.1	(⁴)	26.6	23.1	11,948	1,830	3,639	3,291
Puerto Rico	6,066	8,574	8,741	19.1	(⁴)	39.4	39.6	14,571	834	1,499	1,566
Virgin Islands	117	170	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	680	(⁴)	(⁴)

¹ Excludes supervisors and principals except when not reported separately.

² Number in average daily attendance in full time day schools.

³ Estimate.

⁴ For 1938.

⁵ Data do not include Federal schools for natives.

⁶ Not available.

Source: Federal Security Agency, Office of Education; *Biennial Survey of Education*, chapter on Statistics of State School Systems, and circular No. 285, *Statistics of State School Systems*.

No. 137.—PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—VALUE OF PROPERTY, 1948, AND EXPENDITURES, 1949, BY STATES AND OTHER AREAS

[In thousands of dollars, except averages per pupil]

DIVISION, STATE, OR OTHER AREA	VALUE OF SCHOOL PROPERTY, 1948		EXPENDITURES, 1949					
	Total	Per pupil ¹	Total	Current expense for full-time day schools		Capital outlay	Interest payments	Adult and summer schools
				Total	Per pupil ¹			
Continental U. S.	9,212,746	\$441	5,010,236	4,248,623	\$197.65	663,917	79,645	18,051
New England	614,896	573	268,482	243,877	219.75	21,026	2,224	1,355
Maine	45,575	325	22,047	21,269	148.77	652	88	38
New Hampshire	20,931	337	14,631	12,884	201.50	1,690	68	80
Vermont	19,196	359	10,702	9,945	182.27	805	42	—
Massachusetts	348,150	690	131,702	123,170	232.88	7,340	2,311	875
Rhode Island	64,650	673	20,503	19,352	237.85	180	927	44
Connecticut	126,394	546	68,807	57,251	240.45	10,459	788	309
Middle Atlantic	2,487,242	702	999,225	910,121	253.84	52,654	28,450	8,000
New York	1,369,539	841	506,757	471,832	284.85	10,954	17,496	6,475
New Jersey	370,035	668	181,220	155,438	273.65	19,571	4,686	1,525
Pennsylvania	747,668	540	311,248	282,851	207.82	22,129	3,626	—
East North Central	2,000,215	509	1,031,418	910,334	224.24	104,591	14,165	2,418
Ohio	416,803	399	267,540	222,049	205.68	39,906	4,811	774
Indiana	421,289	382	132,408	119,328	211.04	12,489	651	—
Illinois	644,637	652	291,012	270,480	267.27	12,430	6,570	1,532
Michigan	478,776	534	235,923	203,574	214.46	30,489	1,800	—
Wisconsin	248,649	500	104,475	94,903	200.28	9,187	3,783	112
West North Central	947,355	468	470,119	420,957	201.16	45,527	3,635	—
Minnesota	208,065	502	108,060	98,062	228.75	8,602	5,606	—
Iowa	168,858	420	102,046	84,310	204.82	17,017	719	—
Missouri	229,900	432	106,428	95,018	173.47	10,505	905	—
North Dakota	46,836	465	21,451	20,414	200.05	853	184	—
South Dakota	51,748	513	24,503	22,356	222.12	1,901	246	—
Nebraska	91,336	458	43,712	41,596	206.90	1,643	473	—
Kansas	150,611	545	63,919	58,301	190.34	5,106	512	—
South Atlantic	906,524	271	598,308	487,367	140.80	98,179	7,296	5,466
Delaware	21,000	556	10,432	8,710	222.63	1,639	83	—
Maryland	105,713	398	79,551	57,099	204.22	19,237	1,748	1,467
District of Columbia	30,000	710	24,743	20,542	248.39	3,681	—	520
Virginia	143,149	288	82,880	68,804	134.10	12,877	515	684
West Virginia	122,669	323	61,884	56,819	145.99	4,809	250	—
North Carolina	106,067	221	121,508	97,673	126.95	22,123	1,712	—
South Carolina	71,521	191	53,899	45,626	114.69	6,828	480	959
Georgia	113,860	196	71,143	63,879	106.84	6,689	575	—
Florida	102,543	277	92,268	68,215	173.87	29,296	1,921	1,836
East South Central	317,256	158	256,656	215,303	104.92	39,487	1,247	619
Kentucky	108,237	238	50,516	54,374	116.14	4,756	386	—
Tennessee	275,000	137	91,476	65,243	116.42	25,504	478	251
Alabama	60,711	121	60,505	60,163	107.04	8,641	2,333	368
Mississippi	67,308	148	36,159	35,623	76.98	658	60	—
West South Central	658,382	299	447,997	368,276	162.38	69,678	10,090	43
Arkansas	69,432	202	44,057	34,550	99.79	8,641	860	—
Louisiana	108,490	285	94,211	78,895	109.96	13,990	1,313	43
Oklahoma	97,781	244	68,720	67,194	107.03	841	694	—
Texas	383,330	350	241,000	187,031	106.81	46,231	3,783	—
Mountain	338,324	424	218,143	173,164	209.43	41,985	2,844	150
Montana	42,413	490	25,961	23,062	255.93	2,760	189	—
Idaho	34,437	336	18,936	16,485	160.72	2,253	198	—
Wyoming	20,074	417	12,640	10,936	233.15	1,449	255	—
Colorado	83,200	451	51,115	40,103	207.40	10,058	964	—
New Mexico	38,696	357	20,491	23,483	203.48	5,092	316	—
Arizona	54,170	482	41,716	28,896	245.17	12,331	489	—
Utah	51,039	385	31,868	24,378	178.02	6,970	370	150
Nevada	14,286	619	6,416	5,821	246.01	472	123	—
Pacific	941,953	478	719,888	519,224	254.54	190,880	9,784	—
Washington	174,211	538	119,817	87,932	256.21	31,095	790	—
Oregon	92,742	450	58,109	52,876	244.25	4,780	453	—
California	675,000	468	541,002	378,416	255.66	155,006	8,541	—
Alaska	3,147	376	3,110	2,899	315.72	217	—	—
Canal Zone	3,808	509	1,253	1,230	149.85	23	—	—
Hawaii	—	—	10,251	15,387	191.37	732	—	132
Puerto Rico	21,112	62	27,385	25,128	72.68	1,917	—	340

¹ Average per pupil in average daily attendance. ² Estimated. ³ 1948 data.
⁴ 1946 data. ⁵ 1944 data. ⁶ Cities only, 1948. ⁷ 1940 data. ⁸ 1947 data.

Source: Federal Security Agency, Office of Education; *Biennial Survey of Education*, chapter on Statistics of State School Systems, and circular No. 285, *Statistics of State School Systems*.

No. 138.—PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—ENROLLMENT, WHITE AND NEGRO, FOR 18 STATES: 1946, 1948, AND 1950

STATE	ENROLLMENT IN—						AVERAGE DAYS ATTENDANCE PER PUPIL ENROLLED, 1950	
	White schools			Negro schools			White	Negro
	1946	1948	1950	1946	1948	1950		
Total, 18 States.....	6,885,762	7,081,552	7,424,114	2,266,220	2,306,062	2,396,946	157.0	147.9
Alabama.....	412,771	416,172	437,779	225,604	230,702	242,287	156.1	150.6
Arkansas.....	297,370	304,760	305,287	95,700	98,948	101,797	155.2	141.0
Delaware.....	34,400	35,830	37,835	7,283	7,693	8,220	161.9	159.5
District of Columbia.....	54,030	53,751	50,573	40,747	43,763	45,750	152.2	154.0
Florida.....	271,360	290,320	333,454	101,817	108,285	116,382	167.3	163.0
Georgia.....	435,271	451,104	467,370	259,111	248,360	250,667	158.4	144.9
Kentucky.....	400,256	509,458	525,759	36,205	36,619	37,124	147.3	147.3
Louisiana.....	270,567	273,380	299,760	165,706	169,031	183,597	157.8	152.6
Maryland.....	225,231	234,707	261,417	63,160	67,619	73,601	165.0	160.9
Mississippi.....	268,224	259,418	263,643	258,800	259,988	263,797	152.2	120.9
Missouri.....	674,348	670,575	588,141	50,887	53,182	56,316	154.4	162.0
North Carolina.....	562,192	589,531	617,638	251,307	258,740	267,995	164.5	157.0
Oklahoma.....	424,570	421,065	403,570	36,695	35,099	37,693	165.9	140.1
South Carolina.....	247,224	251,353	272,305	201,020	207,457	221,880	155.6	139.7
Tennessee.....	492,951	524,473	552,858	102,068	103,066	106,927	156.2	156.1
Texas.....	1,048,899	1,078,242	1,152,914	197,554	200,798	201,253	149.6	146.7
Virginia.....	400,232	410,339	440,807	147,699	150,636	157,060	163.0	157.9
West Virginia.....	385,816	397,584	412,998	24,857	25,266	25,500	158.9	165.1

Source: Federal Security Agency, Office of Education; *Biennial Survey of Education*, chapter on Statistics of State School Systems.

No. 139.—PRIVATE ELEMENTARY AND SECONDARY SCHOOLS—TEACHERS AND ENROLLMENT, BY STATES: 1948

[Includes data for kindergartens. Excludes data for private residential schools for exceptional children and private vocational and trade schools]

STATE	Number of teachers	NUMBER OF PUPILS			STATE	Number of teachers	NUMBER OF PUPILS		
		Total	Elementary	Secondary			Total	Elementary	Secondary
Cont. U. S.....	108,998	3,053,914	2,451,430	602,484	Montana.....	354	9,472	7,841	1,631
Alabama.....	659	15,648	12,109	3,539	Nebraska.....	990	25,425	20,263	5,172
Arizona.....	357	7,113	5,195	1,918	Nevada.....	12	374	344	30
Arkansas.....	316	7,327	5,762	1,565	N. H.....	1,017	24,560	18,486	6,083
California.....	4,694	130,281	103,110	27,171	New Jersey.....	4,915	147,266	120,780	26,486
Colorado.....	845	20,599	16,151	4,448	New Mexico.....	530	13,935	11,980	1,955
Connecticut.....	2,801	65,001	50,058	14,943	New York.....	15,344	455,873	372,621	83,252
Delaware.....	378	8,353	6,645	1,708	North Carolina.....	490	7,135	4,014	2,221
Dist. of Col.....	795	17,641	12,894	4,747	North Dakota.....	526	11,842	9,350	2,492
Florida.....	793	15,343	11,638	3,705	Ohio.....	5,890	181,455	146,305	35,060
Georgia.....	544	10,515	6,546	3,969	Oklahoma.....	527	9,870	7,000	2,336
Idaho.....	165	3,495	2,906	589	Oregon.....	618	14,403	11,194	3,209
Illinois.....	9,447	285,286	231,593	53,693	Pennsylvania.....	11,176	321,774	256,326	65,448
Indiana.....	2,333	60,127	50,099	10,028	Rhode Island.....	1,409	36,713	30,265	6,448
Iowa.....	2,283	52,761	40,520	12,232	South Carolina.....	279	5,729	3,832	1,897
Kansas.....	1,120	27,266	22,525	4,741	South Dakota.....	488	10,254	8,569	1,685
Kentucky.....	1,840	46,315	33,802	12,513	Tennessee.....	813	15,586	8,964	6,622
Louisiana.....	2,315	80,190	68,894	11,296	Texas.....	2,609	74,773	63,722	11,051
Maine.....	1,407	32,135	23,814	8,321	Utah.....	114	2,012	1,395	617
Maryland.....	2,065	65,242	52,720	12,522	Vermont.....	581	12,851	8,723	4,128
Massachusetts.....	7,181	178,918	139,627	39,291	Virginia.....	1,119	17,828	11,118	6,710
Michigan.....	5,013	179,013	140,726	38,287	Washington.....	1,096	24,185	18,648	5,537
Minnesota.....	2,835	67,175	64,822	12,353	West Virginia.....	401	9,470	6,732	2,738
Mississippi.....	448	11,093	8,658	2,435	Wisconsin.....	4,257	130,430	113,473	16,957
Missouri.....	3,019	92,346	75,638	16,708	Wyoming.....	67	1,567	1,384	183

Source: Federal Security Agency, Office of Education; *Biennial Survey of Education*, chapter on Statistics of State School Systems.

ELEMENTARY AND SECONDARY SCHOOLS

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No. 140.—PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—ENROLLMENT, BY GRADE: 1938 TO 1948

SCHOOL AND GRADE	1938	1940	1942	1944	1946	1948
Pupils enrolled, total.....	25, 978, 108	25, 433, 542	24, 562, 473	23, 266, 616	23, 299, 941	23, 944, 532
Elementary schools, total.....	19, 748, 174	18, 832, 098	18, 174, 668	17, 713, 096	17, 677, 744	18, 291, 227
Kindergarten.....	607, 034	694, 647	625, 783	697, 468	772, 057	988, 680
First.....	3, 317, 144	3, 018, 463	2, 930, 762	2, 878, 843	2, 894, 888	2, 951, 300
Second.....	2, 486, 550	2, 333, 076	2, 215, 100	2, 220, 739	2, 318, 502	2, 393, 477
Third.....	2, 444, 381	2, 331, 559	2, 175, 245	2, 162, 878	2, 190, 617	2, 258, 868
Fourth.....	2, 402, 617	2, 321, 867	2, 190, 732	2, 079, 788	2, 094, 352	2, 183, 171
Fifth.....	2, 342, 428	2, 247, 602	2, 166, 018	2, 016, 635	2, 006, 120	2, 055, 115
Sixth.....	2, 252, 722	2, 176, 133	2, 124, 494	1, 997, 806	1, 910, 028	1, 930, 500
Seventh.....	2, 173, 173	2, 107, 667	2, 060, 752	1, 964, 997	1, 836, 897	1, 807, 740
Eighth.....	1, 722, 125	1, 700, 094	1, 679, 782	1, 693, 942	1, 653, 083	1, 653, 386
High schools, total.....	6, 226, 334	6, 601, 444	6, 387, 805	5, 553, 520	5, 622, 197	5, 653, 305
First year.....	1, 979, 379	2, 011, 341	1, 927, 040	1, 774, 503	1, 728, 499	1, 672, 920
Second year.....	1, 669, 281	1, 767, 312	1, 705, 746	1, 519, 638	1, 555, 362	1, 502, 743
Third year.....	1, 379, 398	1, 485, 603	1, 450, 788	1, 230, 163	1, 255, 907	1, 271, 645
Fourth year.....	1, 150, 506	1, 281, 735	1, 273, 141	1, 009, 611	1, 032, 420	1, 130, 805
Postgraduate.....	48, 370	55, 453	31, 090	19, 510	50, 069	75, 192

No. 141.—PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—CURRENT EXPENSE PER PUPIL, BY PURPOSE: 1930 TO 1949

PURPOSE	CURRENT EXPENSE (EXCLUDING INTEREST)							
	1930		1940		1948		1949	
	Per pupil ¹	Percent	Per pupil ¹	Percent	Per pupil ¹	Percent	Per pupil ¹	Percent
Total.....	\$86. 70	100. 0	\$88. 09	100. 0	\$181. 48	100. 0	\$197. 65	100. 0
General control.....	3. 70	4. 3	4. 15	4. 7	8. 13	4. 5	9. 38	4. 7
Instruction.....	61. 07	71. 5	63. 66	72. 3	122. 08	67. 8	132. 51	67. 0
Salaries.....	58. 80	67. 9	60. 63	67. 7	115. 03	63. 7	122. 04	62. 2
Textbooks and supplies.....	3. 17	3. 6	4. 03	4. 6	7. 35	4. 1	9. 58	4. 8
Operation.....	10. 16	11. 7	8. 82	10. 0	17. 06	9. 4	18. 05	9. 1
Maintenance.....	3. 71	4. 3	3. 33	3. 8	8. 11	4. 5	9. 40	4. 8
Auxiliary services.....	4. 80	5. 5	5. 86	6. 6	16. 10	8. 9	17. 77	9. 0
Fixed charges.....	2. 36	2. 7	2. 27	2. 6	9. 10	5. 0	10. 53	5. 3
Capital outlay.....	17. 44	-----	11. 70	-----	19. 73	-----	30. 89	-----
Interest.....	4. 35	-----	5. 94	-----	3. 65	-----	3. 70	-----

¹ Average per pupil in average daily attendance.Source of tables 140 and 141: Federal Security Agency, Office of Education; *Biennial Survey of Education*, chapter on Statistics of State School Systems.

No. 142.—HIGH-SCHOOL AND COLLEGE GRADUATES—NUMBER, BY SEX: 1870 TO 1950

[Data cover graduates of both public and private institutions]

YEAR OF GRADUATION	HIGH SCHOOL			COLLEGE		
	Total	Men	Women	Total	Men	Women
1870.....	16, 000	7, 064	8, 936	9, 371	7, 591	1, 780
1880.....	23, 634	10, 605	13, 029	10, 363	7, 868	2, 495
1890.....	43, 731	18, 549	25, 182	14, 306	10, 157	4, 149
1900.....	94, 883	38, 075	56, 808	25, 324	17, 220	8, 104
1910.....	156, 429	63, 676	92, 753	34, 178	22, 567	11, 621
1920.....	311, 266	123, 684	187, 582	68, 622	31, 980	16, 642
1930.....	660, 904	300, 376	360, 528	122, 484	73, 615	48, 869
1940.....	1, 221, 475	678, 718	642, 757	186, 500	109, 546	76, 954
1946.....	1, 080, 033	466, 920	613, 107	130, 174	68, 664	77, 510
1948.....	1, 189, 909	562, 863	627, 046	271, 019	175, 456	95, 563
1950.....	1, 199, 700	570, 700	629, 000	432, 058	328, 841	103, 217

Source: Federal Security Agency, Office of Education; *Biennial Survey of Education*, chapter on Statistical Summary of Education.

No. 143.—SCHOOL AND COLLEGE ENROLLMENTS AND EXPENDITURES: 1920 to 1948

ITEM	1920	1930	1940	1946	1948
ENROLLMENT					
Elementary and kindergarten, total¹ -----	20,864,488	23,588,479	21,044,924	19,998,055	20,775,605
Kindergarten:-----					
Public:-----	481,266	723,443	594,047	772,957	988,680
Private:-----	29,683	54,456	57,341	² 57,341	³ 182,000
Elementary:-----					
Public:-----	18,897,061	20,555,150	18,280,006	16,954,395	17,326,222
Private:-----	1,455,878	2,255,430	2,100,030	2,213,362	2,278,703
Secondary students, total¹ -----	2,495,676	4,799,867	7,113,282	6,227,349	6,295,384
Public high schools:-----	2,200,389	4,399,422	6,601,444	5,622,197	5,653,305
Private high schools:-----	213,920	⁴ 841,158	457,708	565,108	602,484
Public and private institutions of higher education:-----	81,367	59,287	54,070	40,044	39,595
Students in institutions of higher education, total:-----	597,880	1,100,787	1,494,203	1,676,851	2,616,262
Normal schools and teachers' college:-----	135,435	176,462	177,045	119,812	100,342
Colleges, universities, and professional schools:-----	462,445	924,275	1,317,158	1,557,039	2,425,920
Percent of total population in institutions of higher education:-----	0.57	0.90	1.13	1.10	1.79
EXPENDITURES (thousands of dollars)⁵					
Public elementary and secondary schools ¹ -----	1,036,151	2,316,760	2,344,049	2,906,886	4,311,179
Private elementary and secondary schools ¹ -----	(⁶)	233,277	227,000	⁷ 341,474	⁸ 530,021
Public institutions of higher education ⁹ -----	115,597	288,900	⁹ 332,592	⁹ 425,493	896,184
Private institutions of higher education ⁹ -----	100,769	343,340	⁹ 273,193	⁹ 486,235	801,781

¹ Excludes pupils in residential schools for exceptional children.² Figure for 1940.³ Census estimate for October 1948.⁴ Figure for 1928.⁵ Includes capital outlay.⁶ No data.⁷ Estimated.⁸ Expenditures for all departments, including preparatory.⁹ Excludes expenditures for auxiliary enterprises and activities and other noneducational purposes included in prior years, amounting to \$59,034,000 for public institutions and \$93,965,000 for private institutions for 1940; \$125,577,000 and \$142,518,000 for 1946; and \$238,805,000 and \$252,870,000 for 1948.Source: Federal Security Agency, Office of Education; *Biennial Survey of Education*, chapter on Statistical Summary of Education.

No. 144.—JUNIOR COLLEGES—NUMBER AND ENROLLMENT: 1918 TO 1950

YEAR	ALL SCHOOLS REPORTING		PUBLICLY CONTROLLED		PRIVATELY CONTROLLED	
	Number	Enrollment	Number	Enrollment	Number	Enrollment
1918-----	46	4,504	14	1,367	32	3,137
1920-----	52	8,102	10	2,940	42	5,162
1922-----	80	12,124	17	4,771	63	7,353
1924-----	132	20,559	39	9,240	93	11,319
1926-----	153	27,095	47	13,859	106	13,236
1928-----	248	44,855	114	28,437	134	16,418
1930-----	277	55,616	129	36,501	148	19,115
1932-----	342	85,063	159	58,887	183	26,176
1934-----	322	78,480	152	55,800	170	22,611
1936-----	415	102,453	137	70,557	228	31,896
1938-----	453	121,610	209	82,041	244	39,469
1940-----	456	149,854	217	107,553	239	42,301
1942-----	461	141,272	231	100,783	230	40,489
1944-----	413	84,616	210	66,439	203	28,177
1946-----	460	156,456	235	109,640	225	46,816
1948-----	472	240,173	242	178,106	230	61,977
1950-----	483	242,740	256	187,695	227	55,045

Source: Federal Security Agency, Office of Education; *Biennial Survey of Education*, chapter on Statistics of Higher Education.

No. 145.—INSTITUTIONS OF HIGHER EDUCATION—STAFF, ENROLLMENT, AND RECIPIENTS OF DEGREES, BY SEX, AND INCOME AND EXPENDITURES: 1940 TO 1950

[All money figures in thousands of dollars. Data cover universities, colleges, professional schools, junior colleges, teachers' colleges, and normal schools, both publicly and privately controlled, regular session. For student enrollment and total expenditures for earlier years, see table 143]

ITEM	1940	1942	1944	1946 ¹	1948 ¹	1950 ¹
Number of institutions reporting staff, enrollment, and degrees conferred	1,708	1,720	1,650	1,768	1,788	1,851
Staff (reduced to full-time basis), total	131,552	134,137	134,451	136,032	196,300	210,349
Men	94,536	96,251	93,794	93,876	143,243	157,691
Women	37,016	37,886	40,657	42,156	53,057	52,658
Resident college enrollment, total	1,494,203	1,403,990	1,155,272	1,676,851	2,616,262	2,659,021
Men	893,250	818,550	578,948	927,062	1,836,330	1,853,068
Women	600,953	585,431	576,324	749,189	779,923	805,953
Degrees conferred:						
Baccalaureate and first professional, total	186,500	185,346	125,875	136,174	271,019	432,056
Men	109,829	103,889	55,876	58,664	175,456	328,841
Women	76,671	81,457	69,999	77,510	95,563	103,217
Masters, including advanced engineering (men and women)	26,731	24,648	13,414	19,209	42,400	58,183
Doctors (men and women)	3,290	3,497	2,306	1,966	4,188	6,633
Number of institutions reporting income and expenditures	1,609	1,628	1,663	1,768	1,788	1,851
Current income	715,211	783,720	1,047,298	1,169,394	2,027,052	2,374,645
Educational and general income	571,288	626,206	863,654	924,958	1,538,076	1,833,845
Student fees	206,897	201,365	154,485	214,344	304,001	394,610
Endowment earnings	71,304	74,075	75,190	89,763	86,080	96,341
Federal Government	38,860	58,232	308,163	197,250	526,476	524,810
State governments	151,222	166,532	176,160	225,161	352,281	491,958
Local governments	24,302	27,057	26,440	31,005	47,521	61,378
Private gifts and grants	40,453	45,916	50,449	77,572	91,468	118,627
Sales and services	32,777	40,308	53,676	67,084	92,725	111,987
Miscellaneous	11,383	12,811	20,167	22,779	36,324	34,625
Auxiliary enterprises and activities	143,923	157,424	183,644	244,436	465,155	511,265
Other noneducational income ²					23,821	29,635
Receipts for plant expansion	66,209	30,096	22,687	121,837	364,001	528,747
Receipts for increase of permanent funds	44,518	38,510	60,688	(³)	\$ 75,881	\$ 116,932
Current expenditures	674,689	738,169	974,117	1,088,422	1,883,269	2,245,661
Educational and general	521,900	572,490	753,846	820,326	1,301,594	1,706,444
Administration and general expense	62,827	66,068	69,068	104,808	171,829	213,070
Resident instruction	280,248	298,658	334,188	375,122	637,945	780,994
Organized research	27,206	34,287	58,456	86,812	159,090	225,941
Libraries	19,487	19,763	20,452	20,560	44,208	56,147
Plant operation and maintenance	60,612	72,594	81,201	110,647	201,996	225,110
Organized activities related to instruction	27,225	37,771	48,415	60,604	85,846	119,108
Extension	35,325	42,525	44,421	55,473	71,180	86,674
Other			6 97,044			
Auxiliary enterprises and activities	124,184	137,328	199,344	242,028	436,988	476,401
Other noneducational expenditures	28,514	28,875	20,028	26,068	62,687	62,516
Expenditures for plant expansion	83,765	50,202	27,427	71,403	306,371	416,831

¹ Includes estimates for institutions not reporting.

² Includes 277,755 full time regular session military students.

³ Not reported separately prior to 1948.

⁴ Not available.

⁵ Represents receipts from private gifts and grants only; other sources of permanent funds comparatively minor.

⁶ Consists of "Federal contract courses" only.

Source: Federal Security Agency, Office of Education; *Biennial Survey of Education*, chapter on Statistics of Higher Education, chapter on Statistical Summary of Education.

No. 146.—INSTITUTIONS OF HIGHER EDUCATION—FALL ENROLLMENT, BY TYPE OF INSTITUTION: 1949, 1950, and 1951

[Includes estimates. 1949 data based on returns from 1,800 of a total 1,849 institutions covered; 1950 data based on returns from 1,852 of a total 1,888 institutions covered; and 1951 data based on returns from 1,806 of a total 1,859 institutions covered. Includes data for territories and possessions]

TYPE	1949			1950			1951		
	Total enrollment	First-time students	Veterans	Total enrollment	First-time students	Veterans	Total enrollment	First-time students	Veterans
All institutions	2,456,841	557,856	856,300	2,296,592	516,836	572,307	2,116,440	472,025	388,747
Universities, colleges, and professional schools	2,036,631	387,860	700,325	1,888,275	357,930	507,201	1,746,310	332,412	344,164
Teachers' colleges	190,999	55,863	47,975	190,745	52,395	32,118	170,034	44,081	19,005
Junior colleges	229,211	114,133	48,000	217,572	106,511	32,988	200,087	95,532	25,578

Source: Federal Security Agency, Office of Education; *Fall Enrollment in Higher Educational Institutions*.

**No. 147.—INSTITUTIONS OF HIGHER EDUCATION—ENROLLMENT, FACULTY, AND
EARNED DEGREES CONFERRED IN NEGRO INSTITUTIONS: 1940 TO 1950**

ITEM	1940	1948	Total	1950					
				Universities, colleges, and professional schools		Teachers colleges and normal schools ¹	Junior colleges		
				Publicly controlled	Privately controlled		Publicly controlled	Privately controlled	
Number of institutions.....	104	103	105	23	54	12	3	13	
Faculty (full-time equivalent).....	3,922	5,851	6,000	3,020	2,803	401	65	221	
Men.....	2,311	3,379	3,936	1,851	1,705	234	36	110	
Women.....	1,611	2,472	2,664	1,169	1,098	257	29	111	
RESIDENT COLLEGE ENROLLMENTS									
Regular session:									
Total.....	42,504	79,391	2 76,501	31,500	35,529	6,740	1,116	1,577	
Men.....	17,921	42,469	40,077	17,096	19,575	2,369	751	836	
Women.....	24,583	36,922	35,884	14,503	15,954	4,371	365	691	
Undergraduate.....	41,843	77,407	72,922	30,261	33,305	6,051	1,058	1,557	
Men.....	17,627	41,606	38,934	16,430	18,535	2,347	743	879	
Women.....	24,216	35,801	33,988	13,831	14,860	4,804	316	678	
Graduate.....	661	1,984	2,224	832	1,342				
Men.....	204	863	1,141	462	670				
Women.....	367	1,121	1,083	420	663				
First time in any college.....	14,612	24,120	21,368	8,489	9,509	2,205	430	668	
Men.....	6,254	13,260	10,613	4,436	4,820	809	251	297	
Women.....	8,358	10,860	10,755	4,053	4,689	1,457	185	371	
Veterans, third week ²		26,308	19,320	7,907	9,253	1,193	304	653	
Men.....		26,040	19,152	7,825	9,179	1,190	304	650	
Women.....		269	168	82	80	3		3	
Summer session, 1939, 1947, and 1949.....	24,380	39,507	38,976	19,914	15,132	3,514	83	233	
Men.....	4,760	16,340	15,258	7,832	6,433	835	69	89	
Women.....	19,620	23,167	23,718	12,082	8,699	2,679	14	244	
EARNED DEGREES CONFERRED									
Bachelor's and first professional.....	5,802	8,504	13,108	4,866	6,497	1,745			
Men.....	2,078	3,062	6,497	2,508	3,464	495			
Women.....	3,724	5,442	6,611	2,358	3,033	1,250			
Master's and second professional.....	145	433	768	306	400	62			
Men.....	56	184	335	143	172	20			
Women.....	89	249	433	163	228	42			

¹ All publicly controlled.

² Includes special students (less than 2 percent of total) omitted from breakdown by level.

³ Veterans of World War II in attendance, third week of fall term.

Source: Federal Security Agency, Office of Education; circular No. 326, *Faculty, Students, and Degrees in Higher Education*.

No. 148.—NUMBER SURVIVING THROUGH COLLEGE PER 1,000 PUPILS

GRADE OR YEAR	1929-30	1930-31	1931-32	1932-33	1933-34	1934-35	1935-36	1936-37	1937-38	1938-39	1939-40	1940-41
Elementary: Fifth.....	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.....	954	943	929	935	944	953	946	954	954	955	963	963
Seventh.....	861	872	884	889	895	899	895	895	901	908	916	910
Eighth.....	825	824	818	831	836	842	839	840	850	853	846	880
High School: I.....	769	770	780	786	792	803	814	830	811	796	781	781
II.....	647	652	651	664	688	711	725	704	679	655	673	697
III.....	512	529	546	570	594	610	687	564	519	532	552	566
IV.....	454	463	481	510	540	512	406	425	428	444	476	507
Graduates.....	403	417	432	455	462	467	433	393	398	419	450	481
Year of graduation.....	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948
College: I.....	139	148	154	160	142	129	119	121	(2)	(2)	(2)	(2)
Graduates.....	70	69	66	47	49	51	(2)	(2)	(2)	(2)	(2)	(2)
Year of graduation.....	1941	1942	1943	1944	1945	1946	1947	1948				

¹ Fourth grade in 11-grade system; fifth grade in 12-grade system.

² Because of veteran students, it is not possible to calculate retention rates.

Source: Federal Security Agency, Office of Education; *Biennial Survey of Education*, chapter on Statistical Summary of Education, 1947-48.

No. 149.—INSTITUTIONS OF HIGHER EDUCATION—1951 FALL ENROLLMENT OF TOTAL,
FIRST-TIME STUDENTS, AND VETERANS, BY SEX, BY STATES AND OTHER AREAS

[See headnote, table 146]

STATE OR OTHER AREA	TOTAL ENROLLMENT			FIRST-TIME STUDENTS			VETERANS		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Continental U. S.	2,101,962	1,390,740	711,222	467,999	278,092	189,907	386,825	375,974	10,851
New England	154,451	106,746	47,705	34,885	22,479	12,406	28,247	27,370	877
Maine	7,468	4,756	2,712	2,134	1,296	838	810	804	6
New Hampshire	8,213	5,892	2,321	2,201	1,501	790	739	724	15
Vermont	7,107	4,234	2,873	2,087	1,219	868	630	620	10
Massachusetts	90,064	62,096	28,968	18,627	11,868	6,759	18,713	18,008	645
Rhode Island	10,176	7,062	3,114	2,808	1,881	927	1,361	1,341	20
Connecticut	30,523	22,706	7,817	6,938	4,714	2,224	5,994	5,813	181
Middle Atlantic	457,233	311,082	146,151	77,205	49,419	27,786	88,994	86,622	2,372
New York	202,636	105,061	97,575	46,272	28,908	17,364	54,535	53,054	1,484
New Jersey	40,510	29,248	11,262	8,462	5,637	2,825	9,643	9,432	210
Pennsylvania	124,081	86,773	37,308	22,471	14,874	7,597	24,808	24,136	672
East North Central	427,864	287,102	140,762	85,288	51,212	34,076	78,515	76,781	1,734
Ohio	116,222	73,034	38,188	22,809	13,602	9,207	22,866	22,471	485
Indiana	57,583	39,701	17,882	12,243	7,704	4,539	11,089	10,860	289
Illinois	126,055	85,035	41,020	24,650	14,810	9,840	22,896	22,325	571
Michigan	86,774	67,821	28,953	15,768	9,389	6,379	15,243	15,009	234
Wisconsin	41,230	29,511	14,710	9,818	5,707	4,111	6,331	6,176	155
West North Central	185,730	119,344	66,386	46,826	25,387	21,439	29,371	28,662	709
Minnesota	39,666	24,774	14,892	9,553	4,904	4,589	5,030	5,402	228
Iowa	34,335	21,602	12,733	8,692	4,721	3,971	4,797	4,685	112
Missouri	53,620	35,334	18,295	11,742	6,140	5,602	10,732	10,620	212
North Dakota	6,673	4,267	2,376	2,226	1,240	986	1,077	1,067	10
South Dakota	6,090	4,025	2,035	1,924	1,126	798	901	882	19
Nebraska	17,109	11,098	6,011	4,608	2,594	2,009	2,199	2,169	40
Kansas	28,258	18,214	10,044	8,086	4,602	3,484	4,035	3,947	88
South Atlantic	242,991	157,142	85,849	57,243	31,542	25,701	43,913	42,497	1,416
Delaware	2,866	1,047	918	617	353	234	420	412	8
Maryland	37,300	27,408	9,892	6,868	4,517	2,351	7,028	6,846	182
District of Columbia	31,351	21,808	9,483	5,278	2,906	2,312	9,909	9,573	426
Virginia	31,127	18,429	12,608	8,510	4,255	4,264	3,371	3,278	93
West Virginia	17,715	10,970	6,745	4,200	2,291	1,909	2,940	2,873	67
North Carolina	40,482	23,608	16,874	11,709	6,241	5,468	5,012	4,891	121
South Carolina	19,535	12,224	7,311	5,097	3,120	2,677	2,500	2,471	29
Georgia	31,613	20,038	11,575	6,970	3,664	3,306	5,659	5,428	231
Florida	31,003	20,650	10,353	7,385	4,105	3,280	6,984	6,726	259
East South Central	105,693	63,908	41,695	25,747	13,414	12,333	18,308	17,889	419
Kentucky	25,955	16,393	9,562	5,846	3,008	2,778	4,908	4,708	140
Tennessee	35,041	21,331	13,730	8,751	4,991	4,060	5,905	5,744	161
Alabama	26,611	15,932	10,079	5,850	2,936	2,914	4,424	4,340	75
Mississippi	17,990	10,252	7,744	6,300	2,710	2,581	3,071	3,028	43
West South Central	197,548	129,927	67,621	49,592	30,361	19,231	38,614	37,707	907
Arkansas	15,811	9,956	5,855	4,354	2,043	1,711	2,919	2,862	57
Louisiana	31,223	19,081	11,242	7,982	4,812	3,170	5,590	5,461	129
Oklahoma	33,610	22,993	10,617	8,385	5,345	3,040	6,667	6,620	147
Texas	116,904	76,997	39,907	28,871	17,561	11,310	23,138	22,564	574
Mountain	85,310	56,049	29,261	21,636	12,559	9,077	18,596	17,812	784
Montana	6,587	4,244	2,343	1,780	1,005	784	1,127	1,100	27
Idaho	6,405	4,405	2,000	2,285	1,428	857	1,114	994	120
Wyoming	3,417	2,178	1,239	881	557	324	565	551	14
Colorado	29,100	18,066	10,134	6,300	3,522	2,778	6,826	6,496	330
New Mexico	8,315	5,797	2,618	1,952	1,288	664	2,049	1,954	95
Arizona	12,012	7,862	4,150	2,841	1,498	1,343	2,489	2,360	129
Utah	18,262	11,807	6,455	5,302	3,096	2,206	4,190	4,131	59
Nevada	1,212	790	422	286	165	121	236	226	10
Pacific	245,232	159,440	85,792	69,577	41,719	27,858	42,267	40,634	1,633
Washington	33,916	22,620	11,287	10,004	5,937	4,067	6,258	6,046	212
Oregon	23,248	15,114	8,134	6,392	3,630	2,762	4,214	4,038	176
California	188,068	121,697	66,371	53,181	32,152	21,029	31,796	30,550	1,245
Alaska	269	194	75	65	44	21	61	57	4
Canal Zone	90	52	38	52	31	21	1	1	-----
Hawaii	4,878	2,761	2,117	1,197	643	554	565	545	20
Puerto Rico	9,241	4,988	4,253	2,712	1,467	1,245	1,295	1,276	19

Source: Federal Security Agency, Office of Education; *Fall Enrollment in Higher Educational Institutions.*

No. 150.—INSTITUTIONS OF HIGHER EDUCATION—NUMBER, STAFF, AND ENROLLMENT, BY STATES AND OTHER AREAS: 1950

[See headnote, table 145]

DIVISION, STATE, OR OTHER AREA	Num- ber of insti- tutions	STAFF (REDUCED TO FULL-TIME BASIS) ¹		RESIDENT COLLEGE ENROLLMENT							
		Men	Women	Regular session		Undergraduate		Graduate		Fresh- men, both sexes	
				Men	Women	Men	Women	Men	Women		Men	Women
Continental U. S.	1,851	157,691	52,658	1,853,068	805,953	1,560,641	657,615	172,161	65,047	594,126	
New England	156	14,212	3,820	126,066	47,721	107,615	39,655	11,411	2,981	39,040	
Maine	16	636	247	6,647	2,897	6,449	2,837	122	24	2,580	
New Hampshire	9	762	202	7,332	2,211	6,790	2,044	236	32	2,612	
Vermont	13	475	198	5,036	2,665	4,872	2,603	111	21	2,301	
Massachusetts	77	8,826	1,992	73,561	29,008	58,215	22,997	8,844	2,379	21,023	
Rhode Island	13	955	300	10,358	3,471	9,765	3,270	465	156	3,012	
Connecticut	28	2,588	881	23,872	6,569	21,524	5,904	1,633	369	6,577	
Middle Atlantic	279	32,580	9,165	334,587	167,117	285,451	110,684	52,465	20,592	102,727	
New York	132	18,795	5,587	236,702	116,263	161,857	69,936	37,283	10,571	60,185	
New Jersey	37	3,197	685	34,344	11,141	29,715	9,290	2,901	209	11,382	
Pennsylvania	110	10,588	2,893	113,541	39,713	93,879	31,458	12,218	3,815	31,100	
East North Central	321	29,029	9,383	397,491	167,640	330,364	134,814	34,587	13,548	117,166	
Ohio	69	7,544	2,438	102,410	43,514	84,902	34,924	6,990	1,900	31,081	
Indiana	40	4,510	1,196	68,383	23,889	62,597	21,115	4,592	1,383	17,620	
Illinois	100	8,518	2,821	117,664	50,446	93,573	40,125	12,442	4,057	33,771	
Michigan	46	6,297	1,575	80,987	33,368	65,412	24,287	8,304	4,763	21,320	
Wisconsin	66	3,160	1,353	38,067	16,423	33,980	15,263	3,099	765	13,405	
West North Central	248	15,419	6,500	175,418	77,946	157,224	70,688	14,728	3,917	61,670	
Minnesota	44	3,284	1,471	37,495	17,582	33,397	16,638	3,894	729	12,889	
Iowa	51	3,215	1,269	32,012	14,959	28,365	13,255	3,313	814	11,182	
Missouri	65	3,851	1,506	49,307	21,233	43,307	18,770	4,536	1,517	17,079	
North Dakota	13	574	205	6,791	2,686	6,321	2,516	267	45	3,073	
South Dakota	16	604	259	6,464	2,402	6,183	2,298	165	32	2,432	
Nebraska	24	1,553	652	16,133	7,236	14,882	6,613	990	268	5,289	
Kansas	45	2,448	1,138	27,226	11,848	24,070	10,628	1,563	477	9,726	
South Atlantic	237	18,633	7,657	205,944	96,905	179,054	83,438	15,329	6,191	72,088	
Delaware	5	355	102	2,581	1,011	2,095	849	432	122	761	
Maryland	34	2,768	765	26,550	9,972	20,772	7,717	2,731	688	7,201	
District of Columbia	24	2,107	668	32,823	13,357	21,655	8,486	4,506	1,024	7,315	
Virginia	44	2,579	1,276	24,041	14,033	22,994	13,418	806	283	10,223	
West Virginia	22	1,271	530	16,472	7,854	15,383	7,138	864	493	5,573	
North Carolina	54	3,310	1,537	30,740	15,193	28,359	14,784	2,028	566	13,013	
South Carolina	32	1,698	801	15,135	8,123	15,152	7,331	534	411	4,250	
Georgia	54	2,311	1,099	30,560	14,757	28,090	13,376	1,555	846	12,323	
Florida	18	2,294	873	26,027	11,905	23,954	10,339	1,727	558	9,906	
East South Central	147	8,435	4,110	92,157	46,576	84,691	41,728	5,728	2,516	34,764	
Kentucky	40	1,718	991	21,641	10,907	19,676	9,920	1,654	613	8,031	
Tennessee	46	3,267	1,282	30,944	16,650	27,647	14,115	2,431	1,136	11,090	
Alabama	26	1,994	1,017	25,297	11,020	24,090	10,409	874	373	8,430	
Mississippi	35	1,436	820	14,275	7,930	13,278	7,275	793	304	6,501	
West South Central	171	13,593	5,218	176,116	78,112	157,725	68,141	11,809	6,650	57,208	
Arkansas	23	1,540	624	14,036	7,119	13,134	6,571	304	102	6,138	
Louisiana	18	2,283	997	20,850	11,425	22,371	9,957	1,737	456	6,803	
Oklahoma	35	2,273	914	35,860	13,580	32,811	11,983	2,336	1,130	11,067	
Texas	96	7,412	2,683	99,370	48,968	89,409	39,630	7,372	4,002	34,200	
Mountain	67	6,599	1,814	79,554	32,153	70,825	27,977	6,405	1,963	27,577	
Montana	11	600	208	6,855	3,240	6,493	3,112	328	84	2,370	
Idaho	9	550	179	6,757	2,680	6,463	2,283	142	51	3,221	
Wyoming	2	341	105	2,817	945	2,524	814	265	88	990	
Colorado	20	2,290	570	26,381	10,601	22,528	8,896	2,964	882	8,205	
New Mexico	9	800	201	8,349	3,128	7,108	2,412	723	273	2,752	
Arizona	6	575	186	9,918	4,193	8,941	3,600	480	242	3,743	
Utah	9	1,288	310	17,076	6,916	15,470	6,366	1,442	325	6,307	
Nevada	1	175	55	1,401	550	1,298	494	61	38	359	
Pacific	171	18,153	4,989	207,450	91,783	180,147	80,490	19,699	6,689	79,644	
Washington	27	2,283	881	35,046	13,656	29,987	12,183	2,390	897	11,613	
Oregon	22	1,724	555	23,074	11,658	21,292	10,696	1,394	284	6,760	
California	122	14,146	3,553	151,330	66,469	128,868	57,611	15,906	5,508	61,271	
U. S. Service Academies	4	1,073	2	7,545	---	7,545	---	---	---	1,862	
Alaska	1	80	28	268	109	195	100	---	---	105	
Canal Zone	1	14	6	153	73	153	73	---	---	123	
Hawaii	1	319	136	3,599	2,309	2,056	1,662	140	215	1,235	
Puerto Rico	2	681	508	5,271	2,965	5,255	2,944	12	14	1,785	

¹ Includes administrative officers, extension service, and organized research, in addition to regular staff.Source: Federal Security Agency, Office of Education; *Biennial Survey of Education*, chapter on Statistics of Higher Education, Part 1.

NO. 151.—INSTITUTIONS OF HIGHER EDUCATION—VALUE OF PROPERTY, ENDOWMENTS, AND OTHER PERMANENT FUNDS, INCOME AND EXPENDITURES, BY STATES AND OTHER AREAS: 1950

[In thousands of dollars]

DIVISION, STATE, OR OTHER AREA	Value of plant and plant funds ¹	Endowment and other nonexpendable funds ²	Student loan funds	INCOME			EXPENDITURES	
				Current	Permanent funds ³	Plant expansion	Current	Plant expansion
Continental U. S.	5,272,590	2,601,223	43,100	2,374,645	116,932	528,747	2,245,661	416,831
New England	390,098	600,098	7,097	197,451	34,583	27,623	188,264	29,779
Maine.....	24,911	20,084	114	9,664	1,703	576	9,441	2,093
New Hampshire.....	25,100	29,174	777	11,268	449	465	10,536	1,924
Vermont.....	13,988	10,405	222	8,520	133	401	8,356	430
Massachusetts.....	163,025	376,515	4,337	120,477	29,801	10,469	113,071	15,365
Rhode Island.....	28,929	16,132	150	12,761	369	1,504	12,225	1,068
Connecticut.....	134,145	147,788	1,497	34,771	2,068	14,208	34,065	8,893
Middle Atlantic	906,435	606,392	7,076	432,723	27,080	57,642	416,712	46,513
New York.....	485,888	369,113	3,996	255,745	17,237	28,877	245,216	21,320
New Jersey.....	70,820	75,689	1,274	44,306	3,692	3,522	43,169	2,909
Pennsylvania.....	340,727	161,590	1,806	132,672	6,151	25,243	128,327	22,284
East North Central	1,054,794	393,683	6,485	496,792	14,085	107,599	473,675	84,304
Ohio.....	221,283	104,312	1,623	98,348	2,271	18,415	94,770	23,375
Indiana.....	149,280	39,889	917	73,951	1,898	8,772	69,379	10,474
Illinois.....	314,501	191,455	1,904	170,978	7,574	45,066	163,109	25,705
Michigan.....	240,874	36,394	1,476	102,047	1,500	20,403	98,369	17,341
Wisconsin.....	122,766	21,633	475	51,468	842	14,943	48,048	7,349
West North Central	527,172	162,510	4,750	243,230	4,760	45,479	225,122	41,490
Minnesota.....	133,000	54,640	1,009	57,508	929	15,354	53,048	12,009
Iowa.....	90,571	24,335	645	53,239	740	5,591	49,999	8,268
Missouri.....	141,787	54,386	1,998	55,260	2,567	8,266	51,362	9,693
North Dakota.....	24,606	6,837	102	9,750	44	4,791	8,301	1,705
South Dakota.....	21,573	4,522	157	8,886	22	2,143	8,613	1,608
Nebraska.....	39,597	8,045	355	21,407	335	2,396	20,639	2,766
Kansas.....	60,240	9,142	484	37,180	123	0,938	32,260	4,452
South Atlantic	723,959	276,051	6,660	286,200	11,829	65,950	268,929	54,033
Delaware.....	9,212	4,750	16	3,503	-----	516	3,309	390
Maryland.....	93,894	46,821	187	40,349	1,210	11,964	39,586	7,617
District of Columbia.....	52,520	12,690	228	31,060	665	8,012	28,891	2,301
Virginia.....	115,267	52,036	1,220	41,584	1,632	7,517	40,394	8,370
West Virginia.....	46,078	4,225	100	10,613	22	6,873	18,070	3,954
North Carolina.....	175,642	84,768	1,802	53,253	3,110	21,380	51,433	15,552
South Carolina.....	61,004	11,882	305	23,126	435	2,210	21,420	1,935
Georgia.....	86,784	51,949	2,373	34,783	4,670	3,045	33,282	4,284
Florida.....	83,540	6,921	420	38,029	185	3,533	32,635	9,000
East South Central	266,139	121,985	3,696	125,944	4,116	20,276	118,131	21,061
Kentucky.....	61,558	30,572	685	28,088	2,940	3,025	27,257	3,114
Tennessee.....	101,397	62,777	2,168	42,253	1,266	6,580	39,712	8,518
Alabama.....	66,476	23,000	787	33,877	873	4,121	29,737	5,916
Mississippi.....	40,708	5,570	86	21,726	197	5,944	20,425	3,613
West South Central	532,142	231,663	3,579	198,381	11,709	76,869	182,615	58,865
Arkansas.....	38,012	7,549	512	19,812	138	4,143	17,712	3,946
Louisiana.....	92,917	24,752	452	35,568	256	2,517	35,149	6,149
Oklahoma.....	109,997	15,765	671	35,805	596	14,090	33,844	12,890
Texas.....	290,316	183,597	1,944	107,190	10,719	55,210	95,910	35,889
Mountain	195,588	29,695	842	95,910	968	20,400	89,879	23,330
Montana.....	18,967	5,048	102	8,655	56	1,771	7,991	1,411
Idaho.....	30,528	7,029	58	9,271	320	2,394	8,816	3,092
Wyoming.....	15,303	3,606	55	5,402	119	1,852	5,095	2,502
Colorado.....	61,823	8,286	323	33,080	285	6,853	31,109	6,029
New Mexico.....	21,319	3,695	18	11,605	73	858	10,923	4,990
Arizona.....	19,305	213	36	9,796	11	4,850	9,370	3,000
Utah.....	24,983	949	150	15,877	18	1,745	14,808	1,625
Nevada.....	3,360	970	100	2,225	86	98	2,259	81
Pacific	578,145	179,146	2,915	280,000	7,802	106,909	264,820	57,370
Washington.....	104,895	18,377	410	42,142	187	9,610	40,103	10,772
Oregon.....	60,999	7,274	478	21,052	157	7,069	20,350	5,921
California.....	412,251	153,495	2,027	216,806	7,458	89,630	203,867	40,677
U. S. Service Academies	98,118	-----	-----	18,014	-----	-----	18,014	86
Alaska	1,988	-----	-----	1,244	-----	174	1,042	310
Canal Zone	750	-----	-----	89	-----	-----	91	-----
Hawaii	6,663	-----	-----	4,571	-----	177	4,268	185
Puerto Rico	14,030	-----	-----	9,530	-----	1,337	8,879	1,196

¹ Grounds, buildings, equipment, and unexpended plant funds.

² Includes annuity funds and other funds functioning as endowments.

³ Private gifts and grants to endowment and other nonexpendable funds. Also see table 145, footnote 5.

Source: Federal Security Agency, Office of Education; *Biennial Survey of Education*, chapter on Statistics of Higher Education.

NO. 152.—EARNED DEGREES CONFERRED, BY MAJOR FIELD OF STUDY: 1951

MAJOR FIELD OF STUDY	NUMBER OF DEGREES CONFERRED								
	Bachelor's and first professional ¹			Master's and second professional ²			Doctor's ³		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Total	384,352	279,343	105,009	65,132	46,231	18,901	7,338	6,664	674
Agriculture.....	9,042	8,924	118	1,178	1,150	28	330	327	3
Animal husbandry.....	1,393	1,374	19	130	130	—	32	32	—
Architecture.....	2,644	2,566	88	203	180	14	2	2	—
Biology.....	8,797	6,725	2,072	604	477	127	140	120	20
Business and commerce.....	58,237	52,320	5,917	4,355	4,045	310	65	61	4
Chemistry.....	8,258	7,036	1,222	1,462	1,300	162	1,046	994	52
Dentistry, D. D. S. only.....	2,808	2,768	35	—	—	—	—	—	—
Economics.....	10,484	9,579	905	809	738	71	236	219	17
Education.....	51,531	18,898	32,633	22,209	13,055	9,154	933	783	150
Engineering.....	41,473	41,386	87	4,825	4,815	10	520	510	1
English.....	15,505	6,829	8,676	2,244	1,313	931	281	230	51
Fine arts.....	5,606	2,487	3,119	710	454	256	22	15	7
Forestry.....	1,730	1,722	8	260	260	—	17	17	—
Geology.....	2,717	2,643	74	565	543	22	123	120	3
History.....	12,321	9,000	3,321	1,693	1,308	385	325	295	30
Home economics.....	7,903	55	7,848	682	10	663	26	2	18
Industrial Arts.....	3,394	3,318	76	448	440	8	10	10	—
Journalism.....	3,702	2,684	1,019	361	310	51	3	3	—
Language, modern.....	4,268	1,597	2,671	934	488	446	143	116	27
Law.....	14,338	13,926	412	497	483	14	46	46	—
Mathematics.....	5,758	4,311	1,442	1,109	929	180	184	175	9
Medicine, M. D. only.....	6,014	5,563	451	—	—	—	—	—	—
Music.....	7,723	3,740	3,983	1,730	1,172	558	48	42	6
Nursing.....	3,705	28	3,677	388	2	386	—	—	—
Optometry.....	1,262	1,244	18	34	34	—	—	—	—
Pharmacy.....	5,033	4,622	411	137	121	16	29	28	1
Philosophy.....	2,654	2,333	321	364	317	47	84	74	10
Physical education.....	10,113	7,654	2,459	1,631	1,277	354	65	75	20
Physics.....	2,788	2,671	117	973	934	39	443	435	8
Political science.....	5,682	4,698	884	657	567	90	152	143	9
Psychology.....	7,810	4,886	2,923	1,645	1,250	395	425	368	57
Religious education.....	3,016	1,947	1,069	610	336	274	99	89	10
Social work.....	1,037	348	689	1,914	727	1,187	10	4	6
Sociology.....	7,320	3,395	3,925	584	422	162	120	111	18
Speech and dramatic arts.....	4,284	2,254	2,030	828	520	308	94	70	15
Theology.....	3,464	3,329	135	646	575	71	158	157	1
Zoology.....	2,667	2,101	566	649	516	133	123	100	14

¹ Based on curricula of 4 years or more. Includes B. A. and B. S. degrees and first professional degrees such as M. D., D. D. S., LL. B., and B. D.

² M. A., M. S. degrees, and professional degrees such as M. Chem. E., LL. M., M. B. A., and Th. M.

³ Ph. D., Ed. D., LL. D., and Sc. D.

⁴ Includes data for fields not shown separately; also includes estimates for institutions not reporting. Excludes honorary degrees.

Source: Federal Security Agency, Office of Education; circular No. 333a, *Earned Degrees Conferred by Higher Education Institutions*.

NO. 153.—INSTITUTIONS OF HIGHER EDUCATION—ENROLLMENT IN SUMMER SESSION AND IN EXTENSION AND CORRESPONDENCE WORK: 1920 TO 1950

YEAR	ENROLLMENT		YEAR	ENROLLMENT	
	Summer session ¹	Extension and correspondence ²		Summer session ¹	Extension and correspondence ²
1920.....	132,489	101,662	1936.....	370,020	251,469
1922.....	220,311	155,163	1938.....	429,864	295,351
1924.....	278,125	194,147	1940.....	456,079	292,236
1926.....	340,461	324,819	1942.....	420,849	278,554
1928.....	382,776	330,248	1944.....	479,326	244,842
1930.....	388,755	354,132	1946.....	515,002	535,957
1932.....	414,280	265,265	1948.....	955,429	750,909
1934.....	303,764	208,507	1950.....	943,021	848,906

¹ For odd years, 1919, 1921, etc.

² Excludes noncollegiate students, as follows: 1932, 174,921; 1934, 45,484; 1936, 46,452; 1938, 75,822; 1940, 70,145; 1942, 80,904; 1944, 93,466. Not requested separately for 1946, 1948, and 1950.

Source: Federal Security Agency, Office of Education; *Biennial Survey of Education*, chapter on Statistical Summary of Education.

No. 154.—PUBLIC AND PRIVATE RESIDENTIAL SCHOOLS FOR THE BLIND, THE DEAF, THE MENTALLY DEFICIENT, AND DELINQUENTS: 1922 TO 1947

TYPE AND YEAR	States reported ¹	Schools reported	Pupils	TYPE AND YEAR	States reported ¹	Schools reported	Pupils
Blind:				Deaf—Continued			
1922.....	39	48	4,634	1940.....	45	79	14,673
1927.....	41	51	5,245	1947.....	45	79	12,971
1931.....	41	55	5,530				
1936.....	41	55	5,851	Mentally deficient:			
1940.....	40	50	5,870	1936.....	47	130	² 21,880
1947.....	41	54	5,150	1940.....	46	104	² 21,806
				1947.....	46	130	² 21,400
Deaf:				Delinquent:			
1922.....	43	75	11,417	1936.....	49	154	31,174
1927.....	44	70	13,928	1940.....	49	142	29,109
1931.....	45	83	14,854	1947.....	49	163	² 22,400
1936.....	45	79	15,866				

¹ Includes District of Columbia.

² Includes only children reported for school work.

Source: Federal Security Agency, Office of Education; *Biennial Survey of Education*, chapter on Statistics of Special Schools and Classes for Exceptional Children.

No. 155.—SPECIAL SCHOOLS AND CLASSES FOR EXCEPTIONAL CHILDREN—ENROLLMENT FOR CITY SCHOOL SYSTEMS, BY TYPE: 1922 TO 1948

[Data include home and hospital instruction]

TYPE AND YEAR	States reporting ¹	Cities reporting	Pupils enrolled	TYPE AND YEAR	States reporting ¹	Cities reporting	Pupils enrolled
Blind and partially seeing:				Delicate:			
1922.....	12	44	(²)	1930.....	27	81	19,153
1927.....	18	80	4,465	1932.....	28	135	24,020
1932.....	20	95	5,308	1936.....	30	150	23,517
1936.....	27	161	7,251	1940.....	27	166	26,792
1940.....	28	181	8,875	1948.....	42	549	19,071
1948.....	33	264	8,216				
Deaf and hard-of-hearing:				Socially maladjusted:			
1922.....	16	74	2,011	1930.....	20	44	9,543
1927.....	22	83	3,515	1932.....	24	58	14,354
1932.....	24	116	4,434	1936.....	20	45	12,653
1936.....	31	168	9,318	1940.....	25	50	10,477
1940.....	30	168	13,478	1948.....	25	90	15,340
1948.....	39	287	13,977				
Mentally deficient:				Speech-defective:			
1922.....	23	133	23,252	1932.....	(²)	(²)	22,735
1927.....	32	218	51,814	1936.....	29	123	116,770
1932.....	39	483	75,090	1940.....	20	144	126,146
1936.....	43	643	99,621	1948.....	40	455	182,344
1940.....	42	565	98,416				
1948.....	46	729	87,067	Mentally gifted:			
				1932.....	(²)	(²)	1,834
Crippled:				1936.....	9	14	3,009
1930.....	22	81	13,120	1940.....	9	12	3,255
1932.....	24	145	16,166	1948.....	11	15	20,712
1936.....	30	301	24,865				
1940.....	31	356	25,784	Epileptic:			
1948.....	47	959	30,498	1940.....	13	33	499
				1948.....	21	65	390

¹ Includes District of Columbia.

² Not available.

Source: Federal Security Agency, Office of Education; *Biennial Survey of Education*, chapter on Statistics of Special Schools and Classes for Exceptional Children.

No. 156.—PUBLIC LIBRARIES—SUMMARY, BY STATES AND OTHER AREAS: 1945

STATE OR OTHER AREA	NUMBER OF PUBLIC LIBRARIES ¹		Number of volumes at end of year	Number of registered borrowers	Income ² (\$1,000)	OPERATING EXPENDITURES		Number of employees
	Total	Submitting report				Total (\$1,000)	Per capita	
Continental U. S.	7,408	6,026	124,675,283	22,890,988	64,917	61,790	\$0.70	237,382
Alabama	64	61	770,157	255,548	339	292	.20	222
Arizona	15	9	137,652	117,428	48	43	.19	10
Arkansas	86	50	432,150	168,090	192	181	.18	155
California	206	165	11,680,004	1,978,012	6,765	6,561	.98	3,928
Colorado	100	68	1,260,027	241,111	612	495	.62	339
Connecticut	197	187	3,520,177	465,216	1,658	1,553	.99	983
Delaware	20	13	295,960	40,701	133	129	.49	75
Dist. of Columbia	1	1	720,972	151,626	823	762	1.15	346
Florida	94	22	535,381	143,718	428	246	.45	151
Georgia	157	146	1,326,931	387,018	670	644	.30	435
Idaho	56	32	341,433	95,807	141	131	.75	97
Illinois	375	328	6,944,783	1,429,273	4,430	4,175	.71	2,391
Indiana	237	216	5,988,896	855,685	2,118	2,107	.84	1,252
Iowa	315	307	3,231,397	530,218	1,182	1,127	.87	877
Kansas	204	189	1,753,832	331,277	553	523	.02	480
Kentucky	74	68	957,236	210,333	502	423	.39	311
Louisiana	34	32	794,808	227,747	625	514	.36	433
Maine	205	122	1,579,563	160,507	381	303	.63	392
Maryland	40	35	1,128,474	247,374	800	859	.03	407
Massachusetts	307	337	11,434,836	1,177,673	4,966	4,828	1.14	2,935
Michigan	306	295	5,348,848	1,045,380	4,131	3,873	.86	1,868
Minnesota	163	161	2,783,434	562,112	1,494	1,460	.95	805
Mississippi	50	43	431,350	130,039	126	118	.14	100
Missouri	198	146	2,745,290	576,248	1,295	1,248	.00	772
Montana	43	39	597,468	110,505	220	200	.70	141
Nebraska	276	241	1,625,358	301,434	473	443	.09	467
Nevada	14	5	108,768	24,100	54	52	1.03	37
New Hampshire	254	206	1,923,030	198,932	400	347	.76	364
New Jersey	291	183	6,799,949	925,217	2,898	2,893	.83	1,450
New Mexico	28	25	212,123	53,121	60	87	.23	47
New York	598	434	11,375,675	2,590,068	7,781	7,498	.06	4,303
North Carolina	130	98	2,559,397	467,438	710	671	.22	430
North Dakota	100	64	279,243	57,311	85	70	.56	62
Ohio	274	236	10,301,324	1,649,169	6,799	6,593	1.07	3,631
Oklahoma	80	61	998,456	260,893	325	307	.46	240
Oregon	90	92	1,484,913	318,397	702	680	.81	404
Pennsylvania	346	216	6,145,891	1,180,088	3,175	3,034	.82	1,741
Rhode Island	72	62	1,165,561	131,174	402	374	.79	200
South Carolina	53	39	526,726	163,603	224	208	.28	160
South Dakota	95	91	601,555	106,992	191	166	.71	183
Tennessee	66	47	1,066,570	257,641	397	386	.24	342
Texas	107	84	2,047,783	730,707	910	890	.34	648
Utah	48	31	622,492	157,856	221	205	.68	101
Vermont	239	186	1,324,648	70,322	269	183	.61	293
Virginia	36	70	998,888	291,925	465	429	.32	299
Washington	144	129	2,041,143	411,370	1,501	1,287	.98	788
West Virginia	51	39	406,727	126,174	176	163	.20	94
Wisconsin	293	269	3,072,990	660,162	2,174	1,964	1.01	1,062
Wyoming	23	19	395,919	73,809	130	118	.69	80
Alaska	(3)	1	6,500	-----	13	13	.96	4
Canal Zone	(3)	1	81,339	9,732	44	44	.85	10
Hawaii	(5)	4	355,210	89,435	444	433	1.03	125
Virgin Islands	(3)	1	20,799	1,300	9	9	.76	8

¹ Excludes balance from previous year.² Includes 15,609 part-time employees.³ Not available.Source: Federal Security Agency, Office of Education; Bulletin 1947, No. 12, *Public Library Statistics*.

NO. 157.—VOCATIONAL SCHOOLS AND VOCATIONAL TEACHER-TRAINING COURSES, FEDERALLY AIDED—NUMBER OF TEACHERS AND STUDENTS, BY CLASS OF SCHOOL OR COURSE AND BY SEX: YEARS ENDING JUNE 30, 1920 TO 1950

[Institutions Federally aided are reimbursed from Federal funds provided under act known as "The Smith-Hughes Act," or the "National Vocational Education Act of 1917," and subsequent acts extending benefits of vocational education to Alaska, Hawaii, and Puerto Rico, and providing for further development of vocational education. These acts, administered by Office of Education, provide appropriations for reimbursement in part from Federal funds for expenditures by States and local communities for vocational education. Includes data for Hawaii beginning 1930, for Puerto Rico and Alaska beginning 1940]

CLASS OF SCHOOL OR COURSE	TEACHERS					PUPILS				
	1920	1930	1940	1949	1950	1920	1930	1940	1949	1950
VOCATIONAL SCHOOLS										
Total, all classes ¹				(²)	62,959	265,058	981,882	2,290,741	3,095,513	3,364,613
Male				(²)		163,228	603,514	1,279,109	1,585,784	1,715,699
Female				(²)		101,830	378,368	1,011,632	1,509,770	1,648,914
Evening	2,565	9,842	17,744	18,577	20,902	73,122	323,154	728,937	1,372,717	1,520,971
Part-time	1,773	5,468	14,600	11,448	12,324	122,974	407,285	525,358	560,000	596,295
All-day	3,331	9,245	24,917	27,522	29,733	68,962	241,486	1,022,284	1,168,879	1,243,419
Day-unit course		810	658	195			9,957	14,162	3,821	3,023
Agriculture ¹				12,252	13,852	31,301	188,311	584,133	651,604	764,975
Male				(²)		20,351	180,490	583,034	651,604	764,975
Female				(²)		1,950	7,821	1,099		
Evening		1,878	4,976	2,737	3,149		60,462	192,246	290,275	345,007
Part-time		306	3,727	805	1,210		4,164	62,489	27,319	43,071
All-day	1,570	4,340	8,450	8,521	9,463	31,301	113,728	318,223	330,356	373,113
Day-unit course		810	658	180			9,957	11,175	3,654	3,784
Trade and industrial ¹				22,832	25,511	184,819	618,604	758,409	801,913	804,602
Male				(²)		133,872	422,575	602,182	690,834	687,847
Female				(²)		50,947	196,029	156,227	111,079	116,755
Evening	1,779	5,030	5,760	6,518	8,312	48,354	165,317	107,008	267,883	269,734
Part-time, total	1,636	4,981	9,449	8,424	8,671	115,241	381,893	383,579	319,648	312,120
Trade extension	350	1,747	7,150	(²)		17,159	45,601	241,098	224,319	213,246
Trade preparatory	(²)	(²)	(²)	(²)		(²)	(²)	(²)	15,833	21,393
General continuation	1,286	3,234	2,209	(²)		98,082	336,297	142,481	79,496	77,390
All-day	1,047	3,054	6,940	7,890	8,528	21,224	71,389	206,922	214,382	222,730
Home economics ¹				19,055	19,657	48,938	174,967	818,766	1,328,521	1,430,366
Male				(²)		5	449	24,746	78,063	70,336
Female				(²)		48,933	174,518	794,020	1,250,468	1,360,030
Evening	786	2,934	4,857	7,074	6,978	24,768	97,375	245,850	606,938	666,976
Part-time	137	181	1,192	804	937	7,733	21,223	72,790	107,275	115,070
All-day	714	1,845	9,527	11,111	11,742	16,437	56,369	497,139	614,141	647,597
Day-unit course			90	6				2,987	167	144
Distributive occupations ¹				3,603	3,939			129,433	313,475	364,670
Male				(²)				69,147	165,243	192,541
Female				(²)				60,286	148,232	172,129
Evening			2,142	2,248	2,463			122,938	207,621	239,554
Part-time			232	1,355	1,476			6,500	106,854	125,116
VOCATIONAL TEACHER-TRAINING COURSES										
Total, all classes	1,082	³ 843	1,588	(²)	(²)	12,456	20,736	40,491	(²)	(²)
Male	657	³ 518	957	(²)	(²)	6,985	12,531	22,406	(²)	(²)
Female	425	³ 325	631	(²)	(²)	5,471	8,205	18,085	(²)	(²)
In agriculture	293	195	362	(²)	(²)	2,310	3,325	6,428	(²)	(²)
Trade and industry	359	334	525	(²)	(²)	6,150	11,205	15,606	(²)	(²)
Home economics	414	316	555	(²)	(²)	3,662	6,206	12,768	(²)	(²)
Distributive occupations			115	(²)	(²)			5,689	(²)	(²)
Other and not specified	16					344				

¹ Totals for teachers omitted for 1920, 1930, and 1940 because of duplications in State reports by types of schools

² Not available.

³ Excluding duplication.

Source: Federal Security Agency, Office of Education; *Digest of Annual Reports of State Boards for Vocational Education*.

EDUCATION

No. 158.—VOCATIONAL EDUCATION AND TEACHER TRAINING, FEDERALLY AIDED—
EXPENDITURES OF FEDERAL, STATE, AND LOCAL FUNDS, 1920 TO 1950, AND BY
STATES AND OTHER AREAS, 1950

[In thousands of dollars. For years ending June 30. See headnote, table 157]

YEAR, STATE OR OTHER AREA	ALL VOCATIONAL EDUCATION ¹				AGRICULTURAL EDUCATION ²		TRADE AND INDUSTRIAL EDUCATION ²		HOME ECONOM- ICS EDUCATION ²	
	Total funds	Federal	State	Local	Total funds	Federal	Total funds	Federal	Total funds	Federal
TOTAL	8,535	2,477	2,670	3,388	2,437	890	3,397	700	1,054	156
1920.....	18,845	4,833	5,175	8,838	5,254	1,898	8,555	1,589	2,745	332
1924.....	25,716	6,821	7,029	11,865	7,609	2,844	12,021	2,454	3,721	492
1928.....	35,428	8,415	9,036	15,951	10,213	3,689	15,426	2,547	5,129	1,130
1932.....	35,428	9,749	8,606	15,073	10,327	3,863	15,006	3,430	5,807	1,429
1936.....	55,081	20,004	11,737	23,340	16,986	6,709	21,100	6,435	11,718	4,200
1940.....	64,289	19,958	15,016	29,325	18,448	6,028	24,058	6,093	15,752	4,400
1944.....	103,339	25,200	25,834	51,305	30,545	9,877	40,872	8,537	28,130	6,200
1948.....	115,131	28,409	30,439	56,283	33,633	10,049	44,406	8,666	32,354	6,243
1949.....	128,717	28,623	40,534	61,561	38,523	10,087	47,869	8,612	36,916	6,241
1950.....	128,717	28,623	40,534	61,561	38,523	10,087	47,869	8,612	36,916	6,241
1950										
Alabama.....	2,074	724	1,885	66	1,115	389	660	118	813	183
Arizona.....	2,073	172	127	374	152	60	242	51	246	45
Arkansas.....	2,478	543	768	1,167	1,183	316	280	60	930	143
California.....	8,000	1,077	655	6,267	1,600	259	3,320	500	2,833	234
Colorado.....	947	221	180	546	241	83	256	66	378	56
Connecticut.....	1,012	262	1,168	181	105	52	1,200	133	173	56
Delaware.....	457	181	46	280	116	51	225	54	88	42
District of Columbia.....	809	98	212	—	7	7	102	40	81	40
Florida.....	3,047	345	92	2,610	703	112	1,469	120	781	80
Georgia.....	3,534	767	752	2,014	1,586	399	507	132	1,304	198
Idaho.....	517	163	97	257	230	63	138	54	144	43
Illinois.....	5,540	1,243	1,739	2,557	1,977	338	1,690	562	1,673	248
Indiana.....	2,043	664	316	1,063	771	258	642	208	1,128	157
Iowa.....	1,825	672	93	1,160	820	275	314	122	633	146
Kansas.....	1,314	401	228	685	640	186	285	88	336	104
Kentucky.....	1,890	709	243	887	877	372	283	118	611	187
Louisiana.....	3,402	636	526	2,341	1,870	255	717	121	1,210	131
Maine.....	494	167	108	219	108	70	117	42	109	50
Maryland.....	1,583	307	694	582	290	94	832	122	407	70
Massachusetts.....	4,941	556	2,165	2,220	488	71	3,480	353	855	84
Michigan.....	4,289	903	1,121	2,265	975	287	1,056	352	1,088	200
Minnesota.....	2,555	696	869	1,181	771	269	1,008	148	686	143
Mississippi.....	2,353	638	789	937	1,179	388	532	61	789	162
Missouri.....	2,043	781	516	1,346	977	341	780	207	770	186
Montana.....	517	173	66	275	197	61	120	52	107	45
Nebraska.....	975	805	156	514	450	149	140	61	326	79
Nevada.....	188	94	20	74	48	24	62	31	77	30
New Hampshire.....	351	154	64	134	90	48	97	48	152	46
New Jersey.....	4,050	561	658	2,832	292	90	3,191	354	441	77
New Mexico.....	554	171	64	329	218	62	122	51	188	45
New York.....	11,711	1,840	3,094	6,765	1,200	232	8,417	1,154	1,475	238
North Carolina.....	4,190	918	1,978	1,204	2,073	490	517	144	1,463	240
North Dakota.....	625	200	212	204	201	86	193	51	208	51
Ohio.....	3,662	1,171	498	1,993	1,045	362	1,611	467	915	263
Oklahoma.....	2,583	552	566	1,775	1,532	274	436	114	804	136
Oregon.....	1,133	216	416	500	316	84	524	62	246	65
Pennsylvania.....	6,562	1,582	3,564	1,417	1,300	383	3,537	729	1,448	349
Rhode Island.....	261	113	24	127	30	15	181	72	62	26
South Carolina.....	2,435	489	743	1,188	948	269	692	74	820	133
South Dakota.....	555	190	23	332	204	62	101	51	230	47
Tennessee.....	3,054	713	887	1,453	1,181	370	710	130	1,057	177
Texas.....	9,896	1,404	7,929	564	4,337	645	1,087	329	3,921	352
Utah.....	908	170	79	749	312	55	329	54	273	46
Vermont.....	394	159	44	181	124	48	130	54	100	42
Virginia.....	3,706	626	1,057	1,422	1,135	301	998	132	1,372	161
Washington.....	2,596	329	720	1,517	631	116	1,000	112	815	80
West Virginia.....	1,505	433	282	791	455	184	573	97	413	128
Wisconsin.....	3,755	634	338	2,783	1,115	206	1,456	178	1,080	162
Wyoming.....	460	105	47	248	179	63	111	52	128	46
Hawaii.....	607	165	442	—	157	53	206	51	206	46
Puerto Rico.....	1,100	458	645	—	469	209	179	75	385	161

¹ Includes data for distributive and teacher-training courses not shown separately.

² 1948 figures include expenditures for teacher training previously included only in "All Vocational Education."

Source: Federal Security Agency, Office of Education; *Digest of Annual Reports of State Boards for Vocational Education*.

No. 159.—VOCATIONAL COURSES, FEDERALLY AIDED—STUDENTS ENROLLED, BY CLASS, BY STATES AND OTHER AREAS: 1949 AND 1950

[For years ending June 30. Excludes vocational teacher-training courses. See also headnote, table 157]

STATE OR OTHER AREA	1949					1950				
	Total	Agri-cultural	Trade and industrial	Home economics	Distributive	Total	Agri-cultural	Trade and industrial	Home economics	Distributive
Total	3,095,513	651,604	801,913	1,328,521	313,475	3,364,613	764,975	804,602	1,430,366	364,670
Alabama.....	56,716	24,272	12,202	18,397	1,845	67,477	24,138	20,768	19,420	3,151
Arizona.....	15,985	1,320	5,609	7,555	1,501	16,244	2,131	4,142	8,089	1,882
Arkansas.....	76,056	25,985	11,828	35,100	3,143	80,655	28,928	12,404	36,403	2,362
California.....	412,372	29,887	103,362	240,101	30,222	446,174	32,232	95,390	258,105	60,447
Colorado.....	28,983	1,885	8,021	14,175	4,902	37,540	2,280	10,540	17,449	7,280
Connecticut.....	26,554	608	16,987	6,220	2,679	28,675	710	17,066	6,783	4,117
Delaware.....	5,831	770	3,091	1,798	172	6,813	969	3,033	2,097	654
Dist. of Columbia.....	9,443	36	3,832	3,548	2,027	9,831	72	3,907	3,780	2,072
Florida.....	58,085	6,995	25,203	22,752	3,135	82,129	11,556	27,760	30,466	6,347
Georgia.....	141,180	60,442	18,370	53,611	8,757	149,318	56,240	24,425	58,034	10,618
Idaho.....	9,254	2,446	2,450	3,600	698	9,637	2,915	2,397	3,665	660
Illinois.....	90,930	22,651	27,130	37,233	3,925	96,521	25,021	26,208	38,803	5,489
Indiana.....	72,008	9,672	24,803	27,187	10,436	72,063	11,342	23,709	27,319	9,693
Iowa.....	53,983	20,216	12,541	20,016	1,216	59,236	23,202	12,085	23,225	724
Kansas.....	22,411	4,790	4,882	11,282	1,487	31,608	5,522	7,511	16,355	2,220
Kentucky.....	61,452	15,032	5,719	31,416	9,285	58,375	15,740	5,090	29,661	7,884
Louisiana.....	53,519	20,826	11,327	18,877	2,489	63,280	25,333	13,051	20,660	4,236
Maine.....	3,030	1,330	1,335	5,282	83	7,674	1,483	1,452	4,684	55
Maryland.....	21,438	3,652	7,158	7,283	3,345	27,304	3,781	8,604	9,248	5,671
Massachusetts.....	58,922	2,213	28,207	26,501	1,911	66,453	2,123	29,478	31,438	3,414
Michigan.....	112,440	15,612	43,078	44,447	9,312	113,805	16,205	37,842	47,471	12,287
Minnesota.....	53,876	14,612	10,333	25,066	2,965	54,438	12,096	11,704	26,582	4,050
Mississippi.....	95,931	40,445	13,034	30,896	3,053	91,412	41,392	11,472	34,057	4,491
Missouri.....	61,924	17,128	13,408	26,100	5,198	69,703	18,366	18,295	32,190	5,843
Montana.....	8,614	3,529	2,281	2,686	218	8,389	2,185	2,001	3,957	450
Nebraska.....	24,208	4,197	4,743	13,081	2,277	25,706	4,704	5,257	12,938	2,847
Nevada.....	4,926	364	2,068	1,594	.....	3,469	621	1,138	1,810	.....
New Hampshire.....	5,702	608	1,754	2,899	481	6,235	686	2,077	2,830	642
New Jersey.....	28,771	1,978	18,842	6,727	1,724	28,092	2,100	17,341	6,974	1,687
New Mexico.....	7,278	1,331	1,544	4,175	228	8,321	1,767	1,927	4,181	456
New York.....	193,426	10,295	100,809	43,632	38,790	190,030	10,776	98,735	43,048	37,471
North Carolina.....	84,508	25,733	8,207	43,134	7,344	90,420	30,095	9,026	45,240	6,059
North Dakota.....	9,002	2,020	1,877	4,584	221	10,161	2,792	1,672	4,933	764
Ohio.....	80,189	10,732	29,988	25,097	14,372	77,378	13,040	29,231	24,433	10,665
Oklahoma.....	44,244	10,427	5,749	13,706	5,362	53,828	21,703	5,287	22,389	4,449
Oregon.....	20,820	3,197	8,175	11,019	4,420	28,820	6,768	8,844	11,256	1,961
Pennsylvania.....	95,006	11,371	41,009	37,078	4,648	99,031	13,138	44,171	38,070	4,552
Rhode Island.....	2,747	369	1,318	1,070	.....	3,435	367	1,832	1,136	.....
South Carolina.....	116,104	56,063	7,861	43,118	8,462	131,311	68,604	8,715	47,037	6,355
South Dakota.....	8,128	2,066	1,636	4,205	222	8,570	2,563	1,589	4,153	205
Tennessee.....	89,396	27,825	12,834	41,445	4,202	72,050	24,376	13,332	30,579	4,072
Texas.....	255,491	47,334	35,574	128,204	44,879	298,869	94,437	33,060	120,525	44,855
Utah.....	35,239	6,355	5,554	18,063	4,067	40,713	6,935	5,880	19,877	8,012
Vermont.....	4,039	740	1,203	1,030	460	5,222	880	1,800	2,082	504
Virginia.....	89,655	18,476	17,559	43,732	9,591	113,358	18,013	17,764	67,171	10,435
Washington.....	105,834	10,001	31,519	36,471	27,843	112,967	9,700	27,771	37,979	37,448
West Virginia.....	36,943	16,813	9,372	9,300	1,458	52,208	31,010	10,461	9,469	1,268
Wisconsin.....	98,347	18,430	29,078	46,881	3,958	99,309	21,647	25,951	44,862	6,939
Wyoming.....	5,004	894	1,120	2,316	714	6,113	1,420	997	2,720	976
Hawaii.....	12,324	1,901	3,121	4,973	2,329	12,368	2,481	3,181	4,867	1,839
Puerto Rico.....	19,074	6,187	2,020	9,008	1,850	31,013	7,796	2,570	17,698	2,949

Source: Federal Security Agency, Office of Education; *Digest of Annual Reports of State Boards for Vocational Education*.

5. Law Enforcement and Federal Courts

(Sent to print February 15, 1952)

Criminal justice is administered in the United States for the most part by State and local officers and agencies. The United States Constitution reserves to the States the general police powers, and only offenses against the United States Government or those which involve the crossing of State lines or an interference with interstate commerce can be made Federal offenses by act of Congress. Consequently, unless they occur in Federal territories or reservations, or on the high seas, or are committed by members of the armed forces, the usual criminal offenses such as murder, robbery, burglary, theft, assault, and rape are violations of State laws. There are fifty separate and distinct criminal law jurisdictions in the United States, one in each of the forty-eight States, one in the District of Columbia set up by act of Congress, 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. Of course, there are among the States differences in detail and often substantial differences in the penalties provided for like offenses.

The administration of criminal justice 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 of the administration of criminal justice 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 criminal administration is concerned with the punishment or treatment of those convicted of crime. While the courts usually determine the sentence after conviction, the administration of the penalty is carried out by prison, reformatory, jail, probation and parole officials.

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 real 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 information for the country as a whole in its semi-annual bulletin, *Uniform Crime Reports*. The great majority of urban communities are now reporting to the Federal Bureau and the reports received cover about three quarters of the population of the United States. Information concerning offenses known to the police and the sex and age of persons arrested are shown by offense. No centralized information is available on the police activities of the Federal agencies. Some information concerning the work of each Federal agency will be found in its respective annual report.

Court statistics for the country as a whole showing the number of persons prosecuted for criminal offenses and the outcome of the prosecutions are quite incomplete. In many States, an annual or biennial publication presents data on the criminal cases disposed of in the trial courts. This information may be published by the State Judicial Council or the Attorney General or some other State agency. The only national compilation of such information was that made by the Bureau of the Census which annually published statistical data on criminal cases disposed of in the general trial courts of

from sixteen to thirty States including the District of Columbia. The latest data collected by the Census Bureau were those for 1945. No national collection is now made.

Comprehensive information is collected on the business of the Federal courts by the Administrative Office of the United States Courts, and is published annually in the *Report of the Director*. The bulk of civil litigation in the country is commenced and determined in the various State courts, and only when the United States 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 United States District Courts, and one or more of these courts is established in every State, Territory, or possession. Appeals from the district courts are taken to intermediate appellate courts of which there are eleven. They are known as United States Courts of Appeals. The Supreme Court of the United States is the final and highest appellate court in the Federal system of courts.

Statistics of prisoners committed to penal institutions have been collected and published for a longer period of time than have other criminal statistics. A national compilation of data on prisoners in Federal and State prisons and reformatories was made annually by the Bureau of the Census until after the 1947 data were compiled when this work was transferred to the Bureau of Prisons. The last report showing detailed information was published by the Bureau of the Census for 1946. The Bureau of Prisons is now preparing the statistics for 1947 and 1948 for publication and will also publish the data for subsequent years. Statistics covering persons received and discharged from State prisons and reformatories and from Federal prisons are now published periodically in *National Prisoner Statistics* bulletins of the Bureau of Prisons. The Federal Bureau of Prisons, in its annual report, *Federal Prisons*, also provides as complete statistical information on Federal prisoners as has been issued in this country. In addition, nearly every State publishes annual data either for its whole prison system or for each separate State institution.

Information concerning juvenile delinquents and juvenile delinquency and the operation of many juvenile courts is collected and published by the Children's Bureau, Social Security Administration, Federal Security Agency.

Information on the prosecution and disposition of persons charged with misdemeanors and other minor offenses in the justice of the peace and municipal courts of the country is not compiled at the present time. Statistical data on such prosecutions may be found for some of the larger cities in the annual reports of the municipal court or of the municipal government. Likewise, there is no general compilation of statistical data on persons confined to county jails and local workhouses. The Bureau of the Census made a survey of jail prisoners for the calendar year 1933 and some information on incarcerated prisoners was published in connection with the 1940 decennial census but there is at present no regular compilation covering this field.

No. 160.—OFFENSES KNOWN TO THE POLICE—ANNUAL TRENDS, BY POPULATION GROUPS: 1949 AND 1950

[Population figures based on 1950 decennial census preliminary counts]

POPULATION GROUP	Total	CRIMINAL HOMICIDE		Rape	Robbery	Aggravated assault	Burglary—breaking or entering	Larceny— theft (except auto theft)	Auto theft
		Murder, nonnegligent manslaughter	Man-slaughter by negligence						
Total, 2,069 cities; total population, 67,465,803:									
1949.....	1,036,334	3,390	1,966	7,420	38,646	49,391	244,179	592,975	98,367
1950.....	1,040,249	3,467	2,268	7,365	34,308	50,014	241,100	597,086	104,041
Percent change.....	+ .4	+2.3	+15.4	-.7	-11.2	+1.3	-1.3	+ .7	+6.4
37 cities over 250,000; population, 25,936,568:									
1949.....	456,781	1,736	958	4,337	25,539	28,476	108,089	241,342	46,304
1950.....	457,873	1,763	1,077	4,369	22,817	28,004	106,542	242,705	50,506
Percent change.....	+ .2	+1.6	+12.4	+ .7	-10.7	-1.7	-1.4	+ .6	+9.3
66 cities, 100,000 to 250,000; population, 9,754,929:									
1949.....	171,149	603	358	874	4,855	6,099	42,524	98,893	16,043
1950.....	172,277	594	446	866	4,401	6,739	41,711	99,222	18,208
Percent change.....	+ .7	-1.5	+24.6	-.9	-9.4	+10.5	-1.9	+ .3	+8.0
123 cities, 50,000 to 100,000; population, 8,697,121:									
1949.....	135,604	363	249	672	3,321	6,265	31,693	80,647	12,404
1950.....	136,886	379	275	637	2,703	6,430	31,484	81,950	13,022
Percent change.....	+ .9	+4.4	+10.4	-5.2	-18.6	+2.8	-.7	+1.6	+5.0
227 cities, 25,000 to 50,000; population, 8,008,787:									
1949.....	112,144	254	201	523	1,999	3,781	24,651	71,493	6,242
1950.....	111,422	258	222	461	1,794	3,944	24,417	70,934	6,392
Percent change.....	-.6	+1.6	+10.4	-11.9	-10.3	+4.3	-1.0	-.8	+1.0
583 cities, 10,000 to 25,000; population, 9,116,165:									
1949.....	106,708	275	110	655	1,823	3,045	23,642	68,266	8,802
1950.....	103,473	312	164	615	1,661	3,159	23,810	69,807	8,855
Percent change.....	+1.7	+13.5	+49.1	-6.1	-8.9	+3.7	+ .7	+2.4	-.4
1,033 cities, 2,500 to 10,000; population, 5,952,233:									
1949.....	53,948	159	90	359	1,109	1,735	13,680	32,334	4,582
1950.....	53,818	161	84	417	932	1,738	13,136	32,372	4,478
Percent change.....	-1.2	+1.3	-6.7	+16.2	-16.0	+ .2	-3.3	+ .1	-2.3

Source: Department of Justice, Federal Bureau of Investigation; annual bulletin, *Uniform Crime Reports for the United States and Its Possessions*.

**NO. 161.—CRIME RATES—OFFENSES KNOWN TO THE POLICE IN URBAN COMMUNITIES,
BY CLASS, BY STATES: 1950**

[Rate per 100,000 inhabitants. Population figures based on 1950 decennial census preliminary counts. Offenses reported by 2,297 cities representing an urban population of 69,643,614, except for burglary and larceny-theft which are based on reports of 2,296 cities with a total population of 67,578,820]

DIVISION AND STATE	Murder, nonnegligent manslaughter	Robbery	Aggra- vated assault	Burglary— breaking or entering	Larceny— theft (ex- cept auto theft)	Auto theft
United States	5.11	50.0	73.4	356.4	894.9	153.4
New England	1.07	16.5	11.7	251.5	600.3	109.6
Maine.....	1.42	10.0	8.0	232.2	724.8	97.4
New Hampshire.....	.74	5.6	3.3	102.8	496.7	52.4
Vermont.....		.9	.9	169.8	586.0	85.8
Massachusetts.....	1.00	19.0	9.8	238.3	594.7	123.8
Rhode Island.....	1.09	12.9	14.7	345.5	640.1	91.4
Connecticut.....	1.35	14.5	20.8	272.7	577.5	97.1
Middle Atlantic	2.60	27.6	35.4	224.9	447.4	96.6
New York.....	1.56	9.0	10.6	204.8	516.2	89.0
New Jersey.....	2.27	25.8	46.3	277.4	465.7	104.5
Pennsylvania.....	3.46	40.4	40.4	204.2	360.0	97.7
East North Central	4.21	66.0	67.5	325.8	861.4	128.0
Ohio.....	4.08	45.8	38.2	303.1	874.1	102.6
Indiana.....	4.65	33.5	40.0	375.7	921.2	153.4
Illinois.....	5.26	104.9	86.0	314.4	500.0	128.3
Michigan.....	4.11	74.7	110.4	422.4	1,306.1	159.7
Wisconsin.....	.84	9.7	10.7	161.5	801.4	100.4
West North Central	3.70	40.1	53.4	292.2	824.7	134.5
Minnesota.....	1.64	27.7	6.2	216.9	747.7	106.2
Iowa.....	1.30	11.4	6.5	220.4	770.8	126.6
Missouri.....	7.23	76.6	141.0	370.8	890.6	154.5
North Dakota.....		4.5	3.2	272.9	927.1	101.2
South Dakota.....	1.11	9.4	5.5	250.0	663.3	74.7
Nebraska.....	3.32	24.6	29.4	265.4	976.0	137.6
Kansas.....	3.73	37.3	28.1	364.6	932.8	132.2
South Atlantic	10.97	50.1	218.7	430.9	926.6	192.0
Delaware.....	6.18	30.3	13.0	357.5	1,013.9	213.9
Maryland.....	7.59	49.0	104.8	240.7	566.7	284.9
Virginia.....	11.81	64.6	212.4	500.9	1,257.5	217.6
West Virginia.....	2.09	32.5	51.8	320.4	584.0	137.1
North Carolina.....	13.23	30.8	451.1	431.4	708.2	159.4
South Carolina.....	9.41	25.0	107.5	395.9	1,012.2	157.1
Georgia.....	17.79	40.0	156.8	318.5	773.3	174.1
Florida.....	11.86	55.0	106.6	665.6	1,148.7	177.8
East South Central	14.44	53.7	119.7	394.0	662.5	193.1
Kentucky.....	10.26	82.2	114.6	509.6	852.6	258.6
Tennessee.....	14.08	56.6	106.6	370.9	614.2	216.8
Alabama.....	18.06	40.3	146.3	372.9	617.3	154.1
Mississippi.....	12.14	23.9	104.7	280.0	520.6	102.8
West South Central	9.59	42.2	74.7	457.3	1,001.8	207.1
Arkansas.....	6.08	27.9	84.2	329.7	581.3	102.9
Louisiana.....	9.87	42.9	79.5	283.9	580.8	165.2
Oklahoma.....	3.76	41.1	36.2	490.3	1,150.7	205.5
Texas.....	11.11	43.9	80.8	517.4	1,141.6	232.6
Mountain	3.10	52.9	37.2	492.8	1,549.5	224.2
Montana.....	2.12	61.4	41.9	350.9	1,313.8	238.7
Idaho.....	4.07	34.6	19.3	437.2	1,423.4	166.7
Wyoming.....	2.78	65.8	36.1	354.8	1,578.4	178.8
Colorado.....	2.73	71.1	29.1	614.6	1,670.8	199.5
New Mexico.....	3.11	26.8	40.1	306.1	948.6	271.5
Arizona.....	5.42	78.2	92.7	622.4	2,138.0	347.6
Utah.....	1.64	26.5	18.9	428.7	1,467.3	166.1
Nevada.....	7.20	72.0	62.0	710.3	2,117.9	335.7
Pacific	3.07	79.3	59.6	512.4	1,568.1	229.0
Washington.....	2.08	66.8	20.3	481.5	1,510.5	218.3
Oregon.....	1.81	49.8	29.6	467.5	1,446.4	208.2
California.....	3.21	84.5	69.7	522.4	1,590.5	233.0

¹ Includes District of Columbia.

Source: Department of Justice, Federal Bureau of Investigation; annual bulletin, *Uniform Crime Reports for the United States and Its Possessions*.

No. 162.—OFFENSES KNOWN, OFFENSES CLEARED BY ARREST, AND PERSONS FOUND GUILTY IN 206 CITIES OF 25,000 AND OVER: 1950

[Total population of cities covered was 24,341,002, based on 1950 decennial census preliminary counts. Data are from reports in which it appeared that entries for persons found guilty represented final disposition of charges placed against persons arrested, as distinguished from disposition at the preliminary hearing of the accused.]

OFFENSE	NUMBER OF OFFENSES—		Number of persons charged (held for prosecution)	PERSONS FOUND GUILTY—			
	Known to police	Cleared by arrest		Total		Of offense charged	Of lesser offense
				Number	Percent of persons charged		
Total (part I classes).....	435, 188	116, 066	77, 891	57, 943	74. 4	49, 537	8, 406
Criminal homicide:							
Murder and nonnegligent manslaughter.....	1, 282	1, 216	1, 195	749	62. 7	518	231
Manslaughter by negligence.....	840	732	455	248	54. 5	182	66
Rape.....	3, 402	2, 052	1, 092	1, 284	64. 5	832	452
Robbery.....	17, 051	7, 677	5, 301	4, 195	79. 1	3, 185	1, 010
Aggravated assault.....	21, 145	15, 466	9, 755	6, 193	63. 5	4, 649	1, 544
Burglary—breaking or entering.....	96, 087	27, 379	15, 149	11, 539	76. 2	9, 175	2, 364
Larceny— theft (except auto theft).....	252, 494	51, 245	30, 068	28, 494	78. 8	26, 442	1, 092
Auto theft.....	41, 387	9, 699	7, 976	5, 301	66. 5	4, 554	747
Total (part II classes) ¹	(2)	(2)	6, 990, 837	5, 442, 937	77. 9	5, 379, 915	63, 022
Other assaults.....	(2)	(2)	37, 520	23, 509	62. 6	22, 403	1, 106
Forgery and counterfeiting.....	(2)	(2)	3, 023	2, 755	76. 0	2, 401	354
Embezzlement and fraud.....	(2)	(2)	6, 713	4, 474	66. 6	4, 033	441
Stolen property; buying, receiving, etc.....	(2)	(2)	1, 864	1, 059	56. 8	981	78
Weapons; carrying, possessing, etc.....	(2)	(2)	6, 939	5, 054	81. 5	5, 447	207
Sex offenses (including prostitution and commercialized vice).....	(2)	(2)	21, 205	16, 112	76. 0	15, 448	664
Offenses against the family and children.....	(2)	(2)	13, 289	7, 572	57. 1	7, 314	268
Narcotic drug laws.....	(2)	(2)	2, 932	1, 834	62. 6	1, 776	68
Liquor laws.....	(2)	(2)	14, 616	12, 277	84. 0	11, 079	298
Drunkenness; disorderly conduct; vagrancy.....	(2)	(2)	639, 080	470, 525	73. 6	467, 022	3, 503
Gambling.....	(2)	(2)	32, 262	23, 705	73. 7	23, 273	492
Driving while intoxicated.....	(2)	(2)	37, 211	32, 141	86. 4	29, 180	2, 055
Traffic and motor-vehicle laws ²	(2)	(2)	6, 078, 090	4, 788, 022	78. 8	4, 737, 519	50, 503
All other offenses.....	(2)	(2)	94, 895	53, 238	56. 1	51, 133	2, 105

¹ Subject to coverage indicated in footnote 3.

² Not available.

³ Based on reports of 196 cities, total population, 10,973,629.

Source: Department of Justice, Federal Bureau of Investigation; semiannual bulletin, *Uniform Crime Reports for the United States and Its Possessions*.

No. 163.—ARRESTS, BY AGE GROUPS: 1950

[Data from arrest records, evidenced by fingerprint cards received at F. B. I. during year, are limited to instances of arrests for violations of State laws and municipal ordinances. Excludes fingerprint cards representing arrests for violations of Federal laws or representing commitments to any type of penal institution. Data do not represent all persons arrested, as fingerprint cards are not forwarded to Washington for every individual taken into custody. Arrest records in lower age groups probably incomplete because of practice of some jurisdictions not to fingerprint youthful offenders]

OFFENSE CHARGED	Total, all ages	AGE												50 and over	Not known				
		Un- der 15	15	16	17	18	19	20	21	22	23	24	25-29			30-34	35-39	40-44	45-49
Total	793, 671	3, 533	4, 111	9, 814	17, 141	26, 893	28, 229	28, 705	32, 313	32, 160	30, 436	29, 034	132, 620	106, 051	94, 385	76, 728	58, 201	82, 913	404
Criminal homicide	6, 336	19	29	50	88	138	209	203	234	255	246	241	1, 205	938	805	596	434	645	1
Robbery	19, 779	69	100	386	824	1, 373	1, 416	1, 434	1, 472	1, 341	1, 160	1, 092	2, 097	2, 097	1, 358	790	399	359	8
Assault	49, 498	55	117	381	679	1, 365	1, 643	1, 905	2, 389	2, 379	2, 379	2, 596	12, 141	9, 827	7, 641	5, 552	3, 884	4, 872	28
Burglary—breaking or entering	43, 673	1, 181	1, 111	2, 375	3, 202	3, 737	3, 316	2, 869	2, 768	2, 424	2, 121	1, 815	6, 566	3, 820	2, 579	1, 704	1, 070	1, 019	16
Larceny—theft	66, 031	702	659	1, 707	2, 973	4, 400	3, 942	3, 571	3, 377	3, 180	2, 880	2, 559	10, 619	7, 284	5, 739	4, 420	3, 362	4, 624	33
Auto theft	18, 398	413	630	1, 294	1, 605	1, 821	1, 526	1, 303	1, 126	1, 029	876	764	2, 782	1, 493	893	421	248	171	3
Embezzlement and fraud	21, 439	15	21	52	147	291	361	456	601	722	809	823	4, 398	3, 644	3, 058	2, 257	1, 612	2, 131	11
Stolen property; buying, receiving, etc.	3, 289	9	13	42	76	147	155	135	151	149	134	124	504	439	353	306	215	268	3
Arson	1, 054	12	8	17	23	40	27	41	49	42	36	45	170	139	112	86	80	126	3
Forgery and counterfeiting	11, 743	22	38	100	186	336	414	472	468	519	539	551	2, 517	1, 819	1, 352	989	683	735	3
Rape	9, 323	27	40	162	451	746	773	729	661	603	494	406	1, 616	953	603	394	239	423	3
Prostitution and commercialized vice	8, 579	1	5	19	55	147	221	244	396	469	481	453	1, 922	1, 330	1, 044	729	478	583	2
Other sex offenses	19, 725	31	52	125	237	437	566	625	807	808	848	821	3, 732	2, 840	2, 368	1, 701	1, 243	2, 470	14
Narcotic drug laws	8, 539	2	20	75	150	307	478	514	610	623	561	472	1, 789	987	876	473	338	458	6
Weapons; carrying, possessing, etc.	10, 376	10	12	150	285	417	447	441	537	529	485	466	2, 081	1, 420	1, 077	797	554	606	2
Offenses against family and chil- dren	15, 295	4	1	11	27	109	196	326	505	615	606	685	3, 614	2, 889	2, 409	1, 533	843	770	5
Liquor laws	51, 260	2	14	44	155	326	422	387	354	294	313	312	1, 647	1, 589	1, 674	1, 322	927	1, 489	9
Driving while intoxicated	51, 318	8	7	29	122	332	636	939	1, 381	1, 524	1, 612	1, 738	9, 164	8, 440	7, 965	6, 643	4, 771	5, 634	23
Road and driving laws	14, 571	3	9	78	249	691	895	923	1, 047	963	821	762	3, 010	1, 840	1, 320	843	531	612	4
Parking violations	309	---	---	---	3	3	3	12	13	20	22	8	62	54	53	30	13	13	---
Other traffic and motor vehicle laws	13, 052	10	30	96	216	576	707	738	785	765	776	693	2, 625	1, 719	1, 229	788	510	706	6
Disorderly conduct	45, 438	81	94	286	704	1, 459	1, 700	1, 840	2, 158	2, 225	1, 945	1, 842	8, 249	6, 284	5, 239	4, 033	3, 000	4, 300	19
Drunkenness	178, 165	33	42	163	338	1, 467	2, 051	2, 454	3, 962	3, 963	4, 012	4, 021	22, 514	24, 548	27, 131	25, 938	21, 813	33, 684	109
Vagrancy	48, 604	58	100	379	959	1, 799	1, 838	1, 739	2, 095	2, 019	1, 796	1, 717	7, 449	6, 019	5, 487	4, 821	4, 179	6, 132	33
Gambling	15, 490	3	3	13	36	101	150	174	247	313	347	334	2, 133	2, 322	2, 553	2, 260	1, 758	2, 691	7
Suspicion	46, 194	239	342	709	1, 754	2, 358	2, 214	2, 261	2, 891	2, 941	2, 925	1, 923	8, 365	5, 708	4, 676	3, 447	2, 388	3, 017	27
Not stated	7, 930	8	6	32	85	201	213	283	279	264	265	261	1, 295	1, 050	1, 062	864	704	1, 034	3
All other offenses	38, 322	535	608	1, 046	1, 320	1, 725	1, 725	1, 657	1, 804	1, 751	1, 568	1, 520	6, 338	4, 740	3, 894	2, 971	2, 114	2, 961	28

Source: Department of Justice, Federal Bureau of Investigation; annual bulletin, *Uniform Crime Reports for the United States and Its Possessions*.

**No. 164.—U. S. SUPREME COURT—CASES FILED AND DISPOSITION DURING OCTOBER
TERMS: 1940 TO 1950**

ACTION	1940	1945	1946	1947	1948	1949	1950
Total cases:							
Filed.....	977	1,316	1,510	1,205	1,465	1,270	1,181
Disposed of.....	985	1,202	1,520	1,322	1,425	1,301	1,202
Remaining on docket.....	124	168	158	131	171	140	110
Original cases filed.....	4	1			2		
Appeals filed.....	84	64	97	69	86	85	77
Petitions for certiorari (not in forma pauperis):							
Filed.....	769	727	731	647	687	633	582
Granted.....	174	155	148	97	144	85	89
Denied or dismissed.....	592	565	586	555	523	550	495
Petitions for certiorari in forma pauperis:							
Filed.....	120	393	528	426	447	441	404
Granted.....	19	15	8	17	18	7	17
Denied or dismissed.....	101	378	520	400	425	436	386
Motions for leave to file various writs:							
Filed.....		131	154	153	243	111	118
Granted.....					2		
Denied or dismissed.....		131	154	150	241	108	121
Method of disposition:							
By written opinions (number of cases).....	195	170	190	143	147	108	114
Number of written opinions.....	165	134	142	110	114	87	91
By per curiam opinions.....	86	45	66	65	91	94	77
By final decree—original cases.....	1				1		5
By denial or dismissal of certiorari.....	693	943	1,106	955	948	991	881
By denial or withdrawal of motions to file various writs.....		131	154	150	235	107	121
By motion to dismiss or per stipulation.....	10	3	4	9	3	1	4

Source: Administrative Office of the U. S. Courts, *Annual Report of the Director*.

**No. 165.—U. S. COURTS OF APPEALS—CASES FILED, YEARS ENDING JUNE 30: 1940
TO 1951**

CASES	1940	1943	1944	1945	1946	1947	1948	1949	1950	1951
Total cases ¹	3,505	3,093	3,072	2,730	2,627	2,615	2,758	2,989	2,830	2,982
Appeals from courts.....	2,561	2,226	2,298	2,168	2,188	2,195	2,314	2,455	2,290	2,337
Administrative appeals, total.....	800	826	717	511	418	400	381	491	485	503
Federal Trade Commission.....	23	26	51	26	4	8	0	0	8	33
National Labor Relations Board.....	306	275	183	108	107	124	63	172	107	230
The Tax Court of the United States.....	414	469	447	331	267	216	244	233	239	234
Other administrative appeals.....	57	55	36	46	40	52	65	80	71	54

¹ Includes some miscellaneous original proceedings which are neither appeals from courts nor administrative appeals.

Source: Administrative Office of the U. S. Courts, *Annual Report of the Director*.

**No. 166.—U. S. DISTRICT COURTS—TRIALS BEGUN DURING YEARS ENDING JUNE 30:
1945 TO 1951**

[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	1946	1947	1948	1949	1950	1951
Total.....	9,779	9,030	8,818	8,905	9,282	9,572	9,878
Civil trials, total.....	5,265	5,220	5,850	6,156	6,426	6,539	6,962
Court.....	3,561	3,633	3,989	4,204	4,140	4,276	4,402
Jury.....	1,704	1,587	1,861	1,952	2,277	2,263	2,470
Criminal trials, total.....	4,514	3,810	2,968	2,749	2,856	3,033	2,916
Court.....	1,603	1,250	1,112	892	997	961	1,035
Jury.....	3,011	2,560	1,856	1,857	1,850	2,072	1,881

Source: Administrative Office of the U. S. Courts, *Annual Report of the Director*.

CIVIL CASES

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No. 167.—CIVIL CASES FILED IN 86 U. S. DISTRICT COURTS, YEARS ENDING JUNE 30:
1941 TO 1951

TYPE OF CASE	1941 ¹	1945 ¹	1946 ¹	1947 ¹	1948	1949	1950	1951
Total	28,909	52,144	57,512	48,809	36,830	43,351	44,454	41,252
U. S. cases, total	14,544	42,087	44,931	29,159	15,845	21,396	21,854	18,802
U. S. plaintiff:								
Land condemnation.....	1,783	1,253	504	509	544	746	750	874
Rationing, price and rent control (OPA-ONE).....		28,283	31,094	15,160	3,560	6,624	5,252	3,785
Forfeiture: Food and drug.....	2,265	3,415	3,210	2,382	1,281	2,077	1,582	1,474
Negotiable instruments.....	3,206	1,639	1,909	2,235	2,031	2,562	4,155	3,394
Other.....	5,402	3,806	3,253	3,416	3,504	4,918	5,977	5,419
U. S. defendant:								
Habeas corpus (not including deportations).....	318	475	370	303	508	481	400	390
Admiralty.....	36	2,016	2,080	2,030	1,301	730	408	349
Tax suits.....	770	462	421	444	503	622	806	1,023
Federal Tort Claims Act.....				654	1,475	1,212	1,013	986
Other.....	755	738	1,181	1,018	1,042	1,424	1,342	1,429
Private cases, total	14,365	10,057	12,581	19,650	20,985	21,955	22,600	22,450
Federal question.....	5,427	3,583	5,085	9,208	6,958	6,543	6,743	6,441
Antitrust laws.....	110	26	61	62	76	159	155	202
Copyright.....	560	133	146	174	246	128	164	146
Patent.....	953	226	299	370	476	560	689	584
Trade-mark.....	173	91	107	154	157	157	204	164
Employers' Liability Act.....	100	412	661	799	1,038	942	1,084	1,132
Fair Labor Standards Act.....	516	597	1,075	3,482	796	277	245	250
Habeas corpus.....	127	536	492	485	543	584	560	482
Jones Act.....	949	384	451	1,007	1,574	1,020	1,716	1,734
Rationing, price and rent control (OPA-ONE).....		384	948	1,094	958	1,042	631	523
Other.....	1,639	774	845	1,071	1,094	1,074	1,295	1,224
Diversity of citizenship.....	7,286	5,268	6,242	8,585	10,818	12,547	13,124	13,474
Contract.....	2,085	2,141	2,462	3,237	4,149	4,681	4,862	4,604
Tort.....	3,631	2,763	3,414	4,584	6,114	7,051	7,872	8,309
Other.....	970	364	306	475	555	765	690	561
Admiralty.....	1,652	1,226	1,264	1,706	3,209	3,065	2,733	2,535

¹ Represents 84 districts; data for Hawaii and Puerto Rico excluded prior to 1948.² Includes 2,236 "portal to portal" cases.Source: Administrative Office of the U. S. Courts, *Annual Report of the Director*.

No. 168.—CIVIL CASES TERMINATED IN 86 U. S. DISTRICT COURTS, BY BASIS OF JURISDICTION AND MAJOR NATURE OF SUIT GROUPS: YEAR ENDING JUNE 30, 1951

[Excludes data for land condemnation cases]

BASIS OF JURISDICTION AND NATURE OF SUIT	Total	JUDGMENT WITHOUT CONTEST OR BY CONSENT					CONTESTED JUDGMENT			
		Dis-missed for want of prosecution	De-fault judgment	Con-sent judgment	Con-sent dismissal	Other disposition	Judgment by decision of court before trial	Judgment after court trial	Judgment by court during jury trial	Judgment on jury verdict
Total cases.....	40,575	1,185	5,711	6,708	18,134	1,064	3,229	3,087	185	1,272
United States cases.....	19,150	292	5,337	4,206	5,478	245	1,725	1,772	14	81
Private cases.....	21,425	893	374	2,502	12,656	819	1,504	1,315	171	1,191
United States plaintiff.....	15,241	149	5,329	3,916	3,763	76	904	1,064	6	34
Enforcement of Federal statutes:										
Rent control—OHE.....	4,906	62	433	2,109	1,386	7	286	618	1	4
Fair Labor Standards Act.....	430	7	346	64	—	—	4	9	—	—
Other enforcement suits.....	762	6	273	224	116	3	87	42	—	1
Forfeitures:										
Food and drug.....	1,430	3	813	421	65	8	111	6	1	2
Liquor.....	597	2	160	115	70	2	63	157	—	8
Other forfeitures.....	437	4	226	52	89	5	30	31	—	—
Contract actions:										
Negotiable Instruments.....	3,548	28	2,378	171	811	2	87	65	1	5
Other contracts.....	1,475	23	650	56	580	1	90	58	2	6
Other U. S. plaintiff.....	1,666	21	360	422	582	48	137	78	1	8
United States defendant.....	3,909	143	8	290	1,715	169	821	708	8	47
Habens corpus.....	617	26	—	—	108	—	385	98	—	—
Tort Claims Act.....	668	26	1	103	261	36	45	103	2	1
Tax suits.....	704	5	—	11	407	44	55	167	—	15
Other U. S. defendant.....	1,920	86	7	176	939	89	336	260	6	31
Federal question.....	6,062	410	81	490	3,462	133	815	444	21	209
Copyright.....	121	12	4	20	60	1	3	21	—	—
Employers' Liability Act.....	987	18	—	29	763	6	57	6	3	105
Fair Labor Standards Act.....	404	84	3	49	196	14	56	50	—	12
Habens corpus.....	480	6	—	1	54	—	379	29	—	—
Jones Act.....	1,474	144	5	97	1,087	10	53	16	7	55
Miller Act.....	99	7	4	8	64	3	5	16	1	1
Patent.....	549	20	5	123	267	17	23	79	2	4
Other Federal question.....	1,899	110	60	163	981	82	239	227	8	20
Diversity of citizenship.....	12,772	363	202	1,832	7,252	631	632	727	150	983
Contracts:										
Insurance.....	2,049	21	8	974	621	73	68	125	16	143
Other contracts.....	2,697	131	117	216	1,417	86	215	278	31	106
Real property.....	680	14	48	44	332	48	68	95	4	37
Torts:										
Personal injury, motor vehicle.....	4,142	82	14	378	2,759	288	93	90	39	303
Personal injury, other negligence.....	2,384	68	3	144	1,633	89	92	70	40	227
Other diversity.....	920	47	12	76	490	47	106	54	11	77
Admiralty.....	2,591	120	91	180	1,042	55	87	144	—	2

Source: Administrative Office of the U. S. Courts, *Annual Report of the Director*.

No. 169.—CRIMINAL PROCEEDINGS COMMENCED IN U. S. DISTRICT COURTS, BY MAJOR OFFENSE GROUPS: YEARS ENDING JUNE 30, 1949, 1950, AND 1951

[Figures for defendants are smaller in some instances than corresponding figures for cases, because defendants appearing in more than one case have been counted only once]

NATURE OF PROCEEDING AND OFFENSE	1949		1950		1951	
	Cases	Defendants	Cases	Defendants	Cases	Defendants
Total.....	34,432	39,828	36,383	42,582	38,670	44,567
Proceeding commenced by:						
Indictment.....	10,318	20,457	15,850	20,041	13,939	18,385
Information—Indictment waived.....	6,228	6,766	6,270	6,850	6,314	6,913
Information—other.....	11,803	12,533	14,143	14,954	18,337	19,168
All other proceedings.....	83	82	120	137	80	111
Offense:						
Transportation, etc., of stolen motor vehicles.....	2,845	3,439	2,794	3,392	2,572	3,064
Larceny, fraud, and other theft.....	8,894	9,745	9,056	10,271	7,233	8,501
White slave traffic.....	193	219	238	270	232	255
May Act.....	—	—	—	—	—	—
Narcotics.....	1,595	1,834	2,268	2,609	2,073	2,494

See footnotes at end of table.

No. 169.—CRIMINAL PROCEEDINGS COMMENCED IN U. S. DISTRICT COURTS, BY MAJOR OFFENSE GROUPS: YEARS ENDING JUNE 30, 1949, 1950, AND 1951—CON.

NATURE OF PROCEEDING AND OFFENSE	1949		1950		1951	
	Cases	Defendants	Cases	Defendants	Cases	Defendants
Offense—Continued						
Liquor, Internal Revenue.....	3,410	5,201	3,742	5,809	4,004	6,142
Other liquor.....	338	307	271	204	248	264
Antitrust violations.....	27	378	34	488	16	184
Food and Drug Act.....	366	576	368	579	366	612
Immigration laws.....	9,863	9,971	10,462	10,009	14,065	15,107
Impersonation of Federal officer.....	182	185	223	224	211	216
Juvenile delinquency.....	868	1,033	968	1,160	1,006	1,226
Migratory bird laws.....	745	828	525	699	498	638
Motor Carrier Act.....	439	490	553	611	454	508
National defense laws:						
Selective Service Act, 1940.....	185	186	164	164	22	24
Selective Service Act, 1948.....	160	160	44	43	314	314
OPA-OHE—Price and rent control.....	33	62	7	17		
Illegal use of uniform.....	153	149	112	109	162	161
Other ¹	66	99	31	42	81	124
All other U. S. offenses.....	1,786	2,210	1,927	2,519	1,813	2,270
Offenses: local, ² on U. S. reservations and high seas:						
Robbery.....	216	255	311	372	240	309
Assault.....	384	396	385	400	343	348
Burglary.....	409	482	462	423	420	428
Larceny.....	420	450	301	384	360	402
Rape and other sex offenses.....	182	198	203	204	218	217
All other local, etc., offenses.....	683	807	824	830	789	798

¹ Includes burglary, embezzlement, forgery, theft, etc., interstate commerce and transportation, etc., of stolen property.

² Includes treason, espionage, sabotage, sedition, and other offenses directly associated with national defense.

³ District of Columbia, Alaska, Canal Zone, Guam, and Virgin Islands.

No. 170.—CRIMINAL DEFENDANTS DISPOSED OF IN 86 U. S. DISTRICT COURTS, BY MAJOR OFFENSE GROUPS: YEAR ENDING JUNE 30, 1951

[Excludes district courts in D. C., Alaska, Canal Zone, Guam, and Virgin Islands]

NATURE OF OFFENSE	Total	NOT CONVICTED			CONVICTED AND SENTENCED			TYPE OF SENTENCE		
		Total	Dis-mitted	Acquit-ted	Total	Pleas of guilty or nolo	Conv-icted	Im-prison-ment	Probation and sus-pended sen-tence	Fine only
Total (excluding juvenile delinquency) ¹	41,066	4,066	3,180	886	37,000	35,271	1,729	14,963	19,271	2,766
Transportation, etc., of stolen motor vehicles.....	3,086	274	238	36	2,792	2,680	112	2,122	670	-----
Larceny, fraud, and other theft ²	8,463	1,208	994	214	7,255	6,808	387	3,376	3,553	326
White slave traffic.....	240	48	28	20	192	158	34	107	25	-----
Narcotics.....	2,332	304	234	70	2,028	1,745	283	1,659	345	24
Liquor, Internal Revenue.....	5,943	917	634	283	5,026	4,496	530	2,037	2,690	293
Other liquor.....	273	41	33	8	232	223	9	105	99	23
Antitrust violations.....	301	73	28	45	228	212	16	-----	7	221
Food and Drug Act.....	579	89	85	4	490	479	11	4	68	418
Immigration laws.....	15,287	177	161	16	15,080	15,042	38	4,181	10,878	21
Impersonating Federal officer.....	182	80	20	10	152	138	14	94	52	6
Migratory bird laws.....	715	110	78	32	605	582	23	10	15	580
Motor Carrier Act.....	545	87	51	6	488	480	8	-----	60	428
National defense laws:										
Selective Service Act, 1940.....	175	157	156	1	18	17	1	8	10	-----
Selective Service Act, 1948.....	193	55	40	9	138	88	50	115	22	1
OPA-OHE—Price and rent control.....	40	34	33	1	6	4	2	-----	1	5
Illegal use of uniform.....	154	16	14	2	138	134	4	65	62	11
Other ³	85	23	17	6	62	54	8	33	16	13
Counterfeiting.....	211	30	22	8	181	151	30	125	54	2
All other U. S. offenses.....	1,861	348	257	91	1,513	1,383	130	664	498	351
Offenses committed on U. S. reservations and high seas.....	451	75	51	24	376	337	39	198	140	38
Juvenile delinquency.....	1,220	30	24	6	1,190	-----	1,190	605	584	1

¹ Juvenile delinquency cases excluded from totals because proceedings differ in nature from ordinary court trial and because Attorney General has power to designate any public or private agency for custody of juvenile during period for which he is committed.

² See footnote 1, table 169.

³ See footnote 2, table 169.

Source of tables 169 and 170: Administrative Office of the U. S. Courts, *Annual Report of the Director*.

No. 171.—SENTENCED FEDERAL PRISONERS RECEIVED FROM THE COURTS, BY
OFFENSE: YEARS ENDING JUNE 30, 1937 TO 1951

OFFENSE	1937	1940	1945	1947	1948	1949	1950	1951
Total.....	24,202	23,003	21,200	19,626	16,787	16,733	18,063	18,950
Counterfeiting and forgery.....	1,486	1,589	673	1,083	1,018	1,204	1,534	1,438
Embezzlement and fraud.....	510	750	340	396	531	582	609	535
Immigration.....	2,802	2,270	3,996	3,989	3,200	3,526	3,463	4,334
Juvenile Delinquency Act.....	—	216	911	870	677	607	653	684
Kidnaping.....	44	37	20	32	36	23	41	26
Liquor laws.....	12,238	10,735	2,088	1,996	1,838	2,035	2,304	2,323
National Bank and Federal Reserve Act.....	120	157	51	50	141	90	165	142
Narcotic-drug laws.....	1,866	2,250	1,134	1,447	1,443	1,603	2,029	2,063
National Motor Vehicle Theft Act.....	1,312	1,512	1,072	2,740	2,612	2,471	2,488	2,392
Theft from interstate commerce.....	308	513	475	524	430	378	270	327
White Slave Traffic Act.....	370	378	209	183	221	160	185	182
Government reservation, D. C., high seas, and territorial cases.....	1,033	1,021	986	974	1,069	1,054	1,145	1,272
Other.....	2,083	1,719	1,757	1,867	1,898	2,012	2,195	2,100
National-security offenses.....	30	56	6,588	3,475	1,673	1,088	979	1,072
Selective Service Act of 1940.....	—	—	2,613	833	236	152	97	0
Selective Service Act of 1948.....	—	—	—	—	—	74	39	115
Other national-defense and security laws ¹	—	11	2,150	578	319	182	130	155
Military court-martial cases: Army.....	30	45	1,793	2,014	851	592	606	775
Navy.....	—	—	32	50	267	88	107	18

¹ Commitments under national defense and security laws in effect prior to 1940 not classified separately.

Source: Department of Justice, Bureau of Prisons; annual report, *Federal Prisons, 1951*.

No. 172.—SENTENCED FEDERAL PRISONERS RECEIVED AND DISCHARGED, AND
POPULATIONS, BY CLASS OF INSTITUTION: YEAR ENDING JUNE 30, 1951

MOVEMENT OF PRISON POPULATION	ALL INSTITUTIONS			FEDERAL INSTITUTIONS				Non-Federal Institutions (State, county, etc.)	
				Bureau of Prisons		Public Health Service hospitals			
	Total	Male	Female	Male	Female	Male	Female	Male	Female
Population, beginning of year	19,132	18,520	606	16,811	472	612	35	1,103	99
Grand total received	24,167	23,306	861	18,198	448	965	113	4,143	300
Received except transfers	20,653	19,860	793	14,983	394	773	102	4,104	297
From courts	18,950	18,188	762	13,480	376	721	99	3,987	287
Parole violators returned	674	664	10	640	9	13	—	11	1
Conditional-release violators returned	868	849	19	740	7	37	3	72	9
Escapes and runaways re- turned	161	159	2	123	2	2	—	34	—
Transferred from other institu- tions¹	3,514	3,446	68	3,215	54	192	11	39	3
Grand total discharged	23,618	22,767	851	17,838	469	849	81	4,080	301
Discharged, except transfers	20,299	19,516	783	14,933	455	531	27	4,052	301
Sentence expired	8,664	8,352	312	5,410	59	120	9	2,822	244
Conditionally released	6,059	5,812	247	5,470	229	200	11	52	7
Paroled	3,766	3,584	182	3,447	163	101	6	36	13
Died	55	55	—	47	—	5	—	3	—
Escaped	117	115	2	93	2	5	—	17	—
Ran away²	54	54	—	52	—	—	—	2	—
Other	1,584	1,544	40	414	2	10	1	1,120	37
Transferred to other institu- tions¹	3,310	3,251	68	2,905	14	318	54	28	—
Population, end of year	19,681	19,065	616	17,171	451	728	67	1,166	98

¹ Transfers to and from non-Federal institutions tabulated only when a Federal institution is involved.

² "Runaway" used in connection with offenders committed to institutions for juveniles and to private social agencies.

Source: Department of Justice, Bureau of Prisons; annual report, *Federal Prisons, 1951*.

MOVEMENT OF SENTENCED PRISONERS

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No. 173.—MOVEMENT OF SENTENCED PRISONERS IN STATE AND FEDERAL PRISONS AND REFORMATORIES, BY SEX: 1949 AND 1950

[Includes estimates for State institutions in Mississippi for 1949 and in Georgia for 1949 and 1950]

MOVEMENT OF SENTENCED PRISONERS	1949			1950		
	Total	Male	Female	Total	Male	Female
Prisoners present January 1.....	157,459	150,986	6,473	165,033	153,746	6,287
Admissions, total.....	110,710	105,408	5,302	111,487	106,533	4,954
Admitted, except transfers.....	87,169	82,082	5,087	86,840	82,367	4,473
Received from court.....	71,703	67,728	3,977	71,978	68,364	3,614
Returned as a conditional-release violator.....	9,079	8,481	598	8,692	8,164	528
Returned from escape.....	2,494	2,404	90	2,282	2,167	115
Other admissions ¹	3,803	3,471	422	3,897	3,672	225
Transferred from other institutions.....	23,541	23,326	215	24,038	24,166	472
Discharges, total.....	103,042	97,583	5,459	109,347	104,119	5,228
Discharged, except transfers.....	79,298	74,319	4,979	84,700	80,051	4,739
Unconditional and conditional releases.....	69,051	64,718	4,333	75,088	70,863	4,225
Unconditional.....	20,647	27,899	1,708	32,555	30,857	1,698
Expiration of sentence.....	27,085	26,171	1,514	30,469	28,874	1,595
Pardon.....	75	63	12	54	51	3
Commutation.....	1,827	1,635	192	2,032	1,832	100
Conditional.....	39,504	36,879	2,625	42,533	40,006	2,527
Parole.....	31,318	29,181	2,137	33,851	31,712	2,139
Conditional pardon.....	1,502	1,435	67	1,800	1,816	44
Other conditional release.....	6,084	6,263	421	7,322	6,978	344
Death, except execution.....	734	716	18	782	709	13
Execution ²	77	77	—	56	56	—
Escape.....	2,077	2,574	103	2,692	2,576	116
Other discharges ¹	6,759	6,234	525	6,172	5,787	385
Transferred to other institutions.....	23,744	23,264	480	24,557	24,008	489
Prisoners present December 31.....	165,127	158,811	6,316	167,173	161,160	6,013

¹ Include prisoner movement incident to authorized temporary absences for appearances in court and other purposes, and also discharges by court order.² Excludes executions carried out under county jurisdiction.Source: Department of Justice, Bureau of Prisons; *National Prisoner Statistics*, bulletins Nos. 3 and 4.

No. 174.—STATE AND FEDERAL PRISONS AND REFORMATORIES—FELONY PRISONERS RECEIVED FROM COURTS, BY SELECTED OFFENSES: 1940 TO 1948

[Excludes statistics for State institutions as follows: Georgia and Mississippi, 1940 to 1948; Michigan, 1942 to 1945 and 1948; and Pennsylvania, 1941]

OFFENSE	1940	1941	1942	1943	1944	1945	1946	1947	1948
Number of institutions reporting.....	161	146	146	150	147	180	151	147	147
NUMBER									
Total.....	62,692	56,023	47,761	40,273	41,058	43,281	56,432	56,088	52,303
Criminal homicide.....	3,233	3,355	3,008	2,648	2,362	2,510	3,712	3,492	3,195
Robbery.....	5,342	4,350	3,848	3,392	3,058	3,550	5,207	5,718	4,903
Aggravated assault.....	3,286	3,074	2,818	2,333	2,198	2,558	3,538	3,238	2,681
Burglary.....	12,236	9,772	7,434	6,368	6,393	7,263	10,150	10,480	9,744
Larceny, except auto theft.....	10,682	9,082	8,193	6,579	6,988	7,542	9,693	9,282	8,188
Auto theft.....	3,506	3,688	3,179	2,375	2,744	3,182	5,219	5,076	4,809
Rape.....	1,867	1,790	1,719	1,687	1,583	1,868	2,327	2,097	1,750
All other offenses.....	22,540	20,906	17,662	14,901	15,732	14,838	16,586	16,706	17,033
PERCENT DISTRIBUTION									
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Criminal homicide.....	5.2	6.0	6.3	6.6	5.8	5.8	6.6	6.2	6.1
Robbery.....	8.5	7.8	8.1	8.4	7.4	8.2	9.2	10.2	9.4
Aggravated assault.....	5.2	5.5	5.9	5.8	5.4	5.9	6.3	5.8	5.1
Burglary.....	19.5	17.4	15.6	15.8	15.6	16.8	18.0	18.7	18.6
Larceny, except auto theft.....	17.0	16.2	17.2	16.3	17.0	17.4	17.2	16.5	15.7
Auto theft.....	5.6	6.6	6.7	5.9	6.7	7.3	9.2	9.1	9.2
Rape.....	3.0	3.2	3.6	4.2	3.9	4.3	4.1	3.7	3.3
All other offenses.....	30.0	37.3	36.8	37.0	38.3	34.3	29.4	29.8	32.6

Source: Through 1946, Department of Commerce, Bureau of the Census; annual report, *Prisoners in State and Federal Prisons and Reformatories*. 1947-48, Department of Justice, Bureau of Prisons.

No. 175.—STATE AND FEDERAL PRISONS AND REFORMATORIES—PRISONERS PRESENT JANUARY 1 AND RECEIVED FROM COURTS DURING YEAR: 1946 TO 1950

[Includes adjustments and estimates for several Southern States]

DIVISION AND STATE	PRISONERS PRESENT JAN. 1					PRISONERS RECEIVED FROM COURTS				
	1946	1947	1948	1949	1950	1946	1947	1948	1949	1950
United States.....	134,852	141,340	152,564	157,459	165,033	64,044	68,281	70,479	71,703	71,978
Federal institutions ¹	18,638	17,022	17,146	16,907	16,808	14,950	12,948	12,084	13,130	14,237
State institutions.....	116,214	123,718	135,418	141,152	148,225	49,094	55,333	58,395	58,573	57,741
New England:										
Maine.....	576	570	627	632	650	337	325	303	372	471
New Hampshire.....	206	237	269	268	250	101	105	90	84	72
Vermont.....	228	255	229	218	284	189	201	199	256	210
Massachusetts.....	2,660	2,374	2,664	2,620	2,537	885	997	906	834	851
Rhode Island.....	346	365	403	361	350	265	304	277	270	250
Connecticut.....	1,023	1,045	1,078	1,084	1,087	504	531	472	481	440
Middle Atlantic:										
New York.....	12,790	12,995	14,090	15,054	15,246	3,150	3,772	3,500	3,703	3,466
New Jersey.....	8,227	8,541	8,958	4,190	4,301	1,525	1,004	1,450	1,513	1,555
Pennsylvania.....	6,551	6,586	6,938	7,375	7,616	1,857	1,978	2,085	2,104	1,807
East North Central:										
Ohio.....	6,735	7,264	8,134	8,261	8,835	2,409	2,588	2,357	2,978	2,727
Indiana.....	3,112	3,439	3,942	4,296	4,707	1,101	1,257	1,223	1,320	1,134
Illinois.....	7,263	7,478	7,820	7,784	7,922	1,741	1,934	1,640	1,863	1,968
Michigan.....	7,444	7,829	8,241	8,131	8,589	2,742	2,677	2,600	3,161	3,076
Wisconsin.....	1,572	1,750	1,974	1,915	1,901	1,009	2,024	6,004	1,107	1,051
West North Central:										
Minnesota.....	1,544	1,589	1,616	1,699	1,777	504	500	529	408	673
Iowa.....	1,673	1,695	1,824	1,990	2,104	482	581	651	670	832
Missouri.....	2,749	2,922	3,161	3,155	3,209	1,036	1,257	1,149	1,326	1,550
North Dakota.....	210	240	243	244	242	137	130	120	130	121
South Dakota.....	232	300	363	422	418	193	245	280	240	302
Nebraska.....	695	836	914	1,020	1,198	508	535	620	661	623
Kansas.....	1,302	1,267	1,345	1,458	1,766	420	508	553	783	833
South Atlantic:										
Delaware.....	153	169	189	178	157	138	140	149	122	123
Maryland.....	2,885	3,481	3,697	3,771	4,148	2,869	2,817	2,835	3,451	3,000
Dist. of Columbia.....	1,126	1,115	1,102	1,258	1,372	514	450	585	577	590
Virginia.....	3,853	3,937	3,992	3,984	4,242	1,527	1,572	1,665	1,703	1,751
West Virginia.....	2,044	2,178	2,309	2,484	2,776	647	644	595	741	702
North Carolina.....	3,713	3,789	4,046	4,125	4,437	1,142	1,222	1,226	1,375	1,259
South Carolina.....	936	1,048	1,256	1,387	1,413	456	543	549	530	607
Georgia.....	5,035	5,436	6,017	6,352	6,500	3,676	3,782	4,705	4,997	4,744
Florida.....	2,525	2,952	3,460	3,761	3,851	1,222	1,511	1,504	1,491	1,516
East South Central:										
Kentucky.....	2,248	2,234	2,303	2,906	3,198	1,077	1,204	1,341	1,439	1,365
Tennessee.....	2,232	2,880	2,637	2,665	2,715	827	924	900	1,022	1,020
Alabama.....	3,640	3,648	4,432	4,679	5,036	1,916	2,508	2,627	2,998	2,514
Mississippi.....	1,896	1,851	1,915	1,892	1,970	497	643	546	728	753
West South Central:										
Arkansas.....	1,140	1,952	1,446	1,442	1,595	574	664	598	691	695
Louisiana.....	2,075	2,220	2,304	2,285	2,514	900	923	902	1,071	1,164
Oklahoma.....	1,909	2,122	2,224	2,229	2,297	944	1,048	1,037	1,112	1,183
Texas.....	3,291	4,246	5,675	5,792	5,958	2,212	2,588	2,430	2,635	2,996
Mountain:										
Montana.....	342	361	428	464	584	211	287	340	417	410
Idaho.....	194	257	325	381	479	180	105	244	318	290
Wyoming.....	278	323	386	356	411	108	191	209	267	237
Colorado.....	1,211	1,351	1,359	1,450	1,362	718	756	795	693	937
New Mexico.....	524	607	630	590	637	349	333	312	397	437
Arizona.....	645	784	941	964	894	447	524	517	478	452
Utah.....	342	400	487	485	476	167	203	183	225	239
Nevada.....	221	278	263	251	300	239	228	193	239	172
Pacific:										
Washington.....	2,002	1,957	2,044	1,944	2,053	767	918	829	870	933
Oregon.....	982	1,106	1,206	1,308	1,400	486	578	577	673	689
California.....	6,628	7,373	8,547	9,563	10,377	2,312	2,334	2,985	2,881	3,122

¹ Not included in State figures.

Source: Through 1947, Department of Commerce, Bureau of the Census; annual report, *Prisoners in State and Federal Prisons and Reformatories, Current Population Reports, Series P80, No. 15, 1948-50*, Department of Justice, Bureau of Prisons; State and Federal Prisons and Reformatories release No. 1, and *National Prisoner Statistics*, bulletins Nos. 8 and 4.

No. 176.—STATE AND FEDERAL PRISONS AND REFORMATORIES—FELONY PRISONERS RECEIVED FROM COURTS, BY COLOR, NATIVITY, AGE, AND SEX: 1944 to 1948

COLOR, NATIVITY, AND AGE	1944 ¹	1945 ¹	1946 ²	1947 ¹			1948 ¹		
				Total	Male	Female	Total	Male	Female
Total	41,058	43,281	56,432	56,088	53,511	2,577	52,303	49,833	2,470
Color and nativity:									
White.....	28,280	29,539	37,146	38,541	37,016	1,525	36,092	34,653	1,434
Native ³	20,584	27,825	35,333	30,653	35,178	1,475	34,438	33,035	1,403
Foreign-born.....	1,096	1,714	1,813	1,888	1,838	50	1,654	1,623	31
Negro.....	12,165	13,207	18,655	16,885	15,855	1,030	15,561	14,548	1,013
All other.....	613	636	631	662	640	22	650	627	23
Age:									
Under 15 years.....	31	39	26	29	26	3	10	16	3
15 to 17.....	2,680	2,757	3,016	2,419	2,324	95	1,772	1,699	73
18.....	2,303	2,644	3,040	2,645	2,514	131	2,339	2,243	96
19.....	2,425	2,352	3,133	3,258	3,113	145	2,917	2,775	142
20.....	2,337	2,305	3,156	3,200	3,102	167	3,080	2,954	132
21 to 24.....	7,090	8,722	12,450	12,455	11,007	648	11,820	11,261	559
25 to 29.....	6,887	7,500	10,364	10,662	10,157	505	10,018	9,495	523
30 to 34.....	5,418	5,389	7,113	7,014	6,668	346	6,558	6,257	301
35 to 39.....	4,087	4,067	5,272	5,227	4,969	258	5,113	4,854	259
40 to 44.....	2,708	2,980	3,524	3,535	3,363	172	3,512	3,317	195
45 to 49.....	1,750	1,963	2,403	2,553	2,439	114	2,257	2,178	79
50 to 54.....	1,060	1,245	1,358	1,438	1,332	56	1,361	1,305	56
55 to 59.....	622	666	776	841	823	18	800	774	26
60 to 64.....	364	338	399	413	406	7	427	412	15
65 and over.....	291	305	383	330	318	12	304	293	11

¹ Excludes statistics for State institutions in Michigan, Georgia, and Mississippi.

² Includes statistics covering year ending May 31 for Pennsylvania, and for Georgia, statistics for year ending March 31, 1947, adjusted to a calendar year basis; excludes statistics for Mississippi.

³ Includes white, unknown nativity.

Source: Through 1946, Department of Commerce, Bureau of the Census; annual report, *Prisoners in State and Federal Prisons and Reformatories*. 1947-48, Department of Justice, Bureau of Prisons.

No. 177.—PRISONERS EXECUTED, BY RACE AND OFFENSE: 1930 to 1950

[Covers all executions at hands of civil authorities and differs therefore from figures in table 173 which represent only those executed in State and Federal prisons. Excludes executions in military installations. The Army (including the Air Force) carried out 148 executions from 1942 to 1950, of which 95 were for murder (including 18 which also involved rape), 52 for rape, and 1 for desertion. There were no executions in the Navy]

YEAR	Total	RACE			OFFENSE		
		White	Negro	Other	Murder	Rape	Other
Total	3,029	1,356	1,636	37	2,646	335	148
Percent	100.0	44.8	54.0	1.2	87.3	11.1	1.6
1930.....	155	89	65	1	147	6	2
1931.....	153	77	72	4	137	15	1
1932.....	140	62	75	3	125	10	2
1933.....	159	77	80	2	151	6	2
1934.....	168	65	102	1	154	14	—
1935.....	199	119	77	3	184	13	2
1936.....	194	92	100	2	180	10	4
1937.....	147	69	74	4	133	13	1
1938.....	190	96	92	2	166	25	9
1939.....	160	80	77	2	144	12	3
1940.....	124	49	75	—	105	15	4
1941.....	123	59	63	1	102	20	1
1942.....	147	67	80	—	116	24	7
1943.....	131	54	74	3	118	13	—
1944.....	120	47	70	3	96	24	—
1945.....	117	41	75	1	90	26	1
1946.....	131	46	84	1	107	21	3
1947.....	152	42	110	—	128	23	1
1948.....	119	35	82	2	95	22	2
1949.....	119	50	67	2	107	10	2
1950.....	82	40	42	—	68	13	1

¹ Comprised of following: 16 armed robbery, 12 kidnapping, 9 burglary, 6 espionage (1942), 3 assault with deadly weapon, 2 offense not reported.

Source: Department of Justice, Bureau of Prisons; *National Prisoner Statistics*, bulletin No. 5.

6. Climate

(Sent to print February 15, 1952)

Climatological data are gathered by the United States Weather Bureau at about 10,000 stations. Of this number nearly 3,000 stations have 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. Data shown in these tables include long-time averages and extremes of the several elements for the vicinities indicated. Where the station has moved, but not out of the general vicinity, the data represent combined values for both the previous and the new locations.

The following tables contain data from a list of cities selected to give a general representation of the climate over the United States. The averages represent the arithmetic means of the period of record at the station. The number of degree days as used in table 189 is the average monthly sum of the differences between 65° and the daily mean temperatures below 65°, i. e. (65°-T°). Experience has shown that, in order to heat buildings to a temperature of approximately 70°, the amount of fuel or heat used per day is proportional to the number of degrees the average outside temperature falls below 65°. The degree-day value is based on this assumption.

No. 178.—GROUND ELEVATION OF STATIONS IN SELECTED CITIES

STATION		Ground elevation (feet)	STATION		Ground elevation (feet)
Alabama.....	Mobile.....	10	New Jersey.....	Atlantic City.....	8
	Montgomery.....	201	New Mexico.....	Albuquerque.....	5,314
Arizona.....	Phoenix.....	1,083	New York.....	Albany.....	277
Arkansas.....	Little Rock.....	257		New York.....	10
California.....	Fresno.....	277		Rochester.....	543
	Los Angeles.....	312	North Carolina.....	Asheville.....	2,192
	San Francisco.....	52		Raleigh.....	400
Colorado.....	Denver.....	5,221	North Dakota.....	Bismarck.....	1,070
District of Columbia.....	Washington.....	72	Ohio.....	Cleveland.....	787
Florida.....	Jacksonville.....	18	Oklahoma.....	Oklahoma City.....	1,254
	Miami.....	11	Oregon.....	Portland.....	30
Georgia.....	Atlanta.....	1,054	Pennsylvania.....	Harrisburg.....	351
Idaho.....	Boise.....	2,858		Pittsburgh.....	1,286
Illinois.....	Chicago.....	611	South Carolina.....	Charleston.....	48
Indiana.....	Indianapolis.....	793	South Dakota.....	Huron.....	1,282
Iowa.....	Des Moines.....	800	Tennessee.....	Nashville.....	485
Kansas.....	Wichita.....	1,380	Texas.....	Amarillo.....	3,500
Kentucky.....	Louisville.....	459		El Paso.....	3,920
Louisiana.....	New Orleans.....	8		Fort Worth.....	688
Maine.....	Eastport.....	32		Houston.....	51
Massachusetts.....	Boston.....	15	Utah.....	Salt Lake City.....	4,222
Michigan.....	Detroit.....	619	Vermont.....	Burlington.....	331
	Sault Ste. Marie.....	721	Virginia.....	Norfolk.....	11
Minnesota.....	Minneapolis.....	830		Richmond.....	162
Mississippi.....	Vicksburg.....	234	Washington.....	Seattle.....	14
Missouri.....	Kansas City.....	908		Spokane.....	1,054
	St. Louis.....	455	West Virginia.....	Parkersburg.....	615
Montana.....	Helena.....	3,893	Wisconsin.....	Madison.....	938
	Miles City.....	2,629	Wyoming.....	Cheyenne.....	6,139
Nebraska.....	North Platte.....	2,805	Alaska.....	Juneau.....	72
	Omaha.....	978	Hawaii.....	Honolulu.....	12
Nevada.....	Winnemucca.....	4,289	Puerto Rico.....	San Juan.....	50

Source: Department of Commerce, Weather Bureau; records.

NO. 179.—MEAN TEMPERATURES

[Average of daily maximum and minimum temperatures; for period of record through 1940]

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	An- nual
Ala.	Mobile	78	52.0	54.4	60.0	66.8	74.0	80.2	81.4	81.5	78.0	68.8	59.1	53.3	67.5
	Montgomery	77	49.0	51.6	58.2	65.4	73.3	80.0	81.6	80.9	76.9	66.7	56.2	49.8	65.8
Ariz.	Phoenix	54	51.8	55.7	60.7	67.9	75.9	85.1	90.5	88.8	83.5	71.4	60.0	52.6	70.3
Ark.	Little Rock	70	41.9	44.8	53.2	62.5	69.9	78.0	82.4	81.5	76.6	64.8	52.9	44.7	62.5
Calif.	Fresno	62	46.1	51.3	55.5	61.2	67.7	75.4	82.0	80.3	73.8	64.7	54.6	46.7	63.3
	Los Angeles	72	55.5	56.3	58.0	60.3	62.8	66.5	70.6	71.5	69.9	65.8	62.0	57.2	63.0
	San Francisco	79	50.1	52.7	54.3	55.7	57.0	58.9	68.9	69.4	61.6	50.7	56.8	51.5	58.5
Colo.	Denver	78	30.6	32.9	39.2	47.8	56.8	66.7	72.0	71.4	63.0	51.6	40.2	32.7	50.5
D. C.	Washington	79	34.6	35.7	43.9	53.0	64.6	73.0	77.2	75.1	68.7	57.4	46.2	36.9	55.6
Fla.	Jacksonville	78	56.0	57.8	63.1	68.8	75.1	80.1	81.9	81.6	78.6	70.8	62.5	56.8	60.4
	Miami	39	68.2	68.1	70.5	73.0	77.1	80.1	81.6	82.0	80.9	77.7	72.3	60.3	75.1
Ga.	Atlanta	71	43.4	45.6	52.8	61.0	69.6	76.6	78.6	77.6	73.2	62.8	52.1	44.6	61.5
Idaho	Boise	10	26.8	35.2	41.9	50.3	58.0	63.6	74.1	72.3	62.6	52.4	39.1	32.1	50.7
Ill.	Chicago	79	24.0	26.8	36.2	47.2	57.5	67.5	73.3	72.1	65.3	54.1	40.2	29.3	49.5
Ind.	Indianapolis	46	28.4	31.1	40.0	52.1	62.0	71.6	75.7	73.7	66.9	55.7	42.3	32.2	52.7
Iowa	Des Moines	71	21.3	24.6	36.8	50.6	61.5	71.0	76.2	73.8	65.6	54.0	38.7	26.4	50.0
Kans.	Wichita	61	32.0	35.0	45.1	56.4	65.1	75.0	80.1	79.3	71.3	59.5	45.4	35.2	56.6
Ky.	Louisville	77	34.8	36.8	45.0	56.3	66.1	74.8	78.6	76.9	70.6	59.1	46.5	37.5	57.0
La.	New Orleans	76	54.9	57.4	63.2	69.2	75.6	81.2	82.6	82.6	79.6	71.6	62.2	56.0	69.7
Maine	Eastport	77	21.0	21.6	29.8	38.9	47.8	55.2	60.6	60.7	56.0	47.8	37.3	26.7	41.8
Mass.	Boston	78	28.5	28.5	36.6	46.6	57.5	66.6	72.0	70.4	63.8	53.6	42.9	32.2	49.9
Mich.	Detroit	79	25.0	25.3	34.2	46.2	57.8	67.8	72.7	70.8	63.0	52.5	39.5	29.1	48.7
	Sault Ste. Marie	61	14.4	13.2	23.1	37.6	49.1	58.8	64.0	62.9	56.0	45.1	32.4	20.8	39.8
Minn.	Minneapolis	59	13.0	18.5	30.2	46.1	57.9	67.7	73.2	70.7	62.1	49.0	33.0	19.7	45.1
Miss.	Vicksburg	78	48.4	51.5	58.5	65.7	72.7	79.4	81.4	81.1	78.5	66.9	56.7	50.2	65.8
Mo.	Kansas City	61	29.0	32.6	43.5	55.3	64.8	74.4	79.4	77.8	70.1	58.8	44.6	33.7	55.4
	St. Louis	77	32.3	35.0	44.9	56.2	66.1	75.3	79.8	78.0	70.8	59.4	45.8	35.0	50.6
Mont.	Helena	70	20.3	23.5	32.5	43.8	52.0	60.0	67.7	66.3	55.8	45.6	32.9	24.6	43.7
	Miles City	50	17.1	19.4	31.8	47.0	59.0	69.0	74.3	71.7	60.4	48.0	33.6	22.3	45.8
Nebr.	North Platte	75	23.9	27.6	36.9	49.1	59.0	68.7	75.0	73.1	64.0	51.6	37.4	27.7	49.5
	Omaha	77	22.3	26.0	37.7	51.7	62.4	72.0	77.5	75.2	66.6	54.9	39.2	27.5	51.1
Nev.	Winnemucca	71	28.0	33.5	40.1	47.2	54.9	63.2	71.9	69.7	59.6	48.8	37.9	30.2	48.7
N. J.	Atlantic City	76	33.9	38.6	48.3	58.4	67.5	75.8	78.0	72.6	67.5	57.2	46.4	37.0	52.9
N. Mex.	Albuquerque	19	33.8	39.4	46.0	55.0	64.2	73.2	77.8	76.1	69.2	57.2	43.6	30.4	56.0
N. Y.	Albany	134	26.6	24.4	33.8	46.7	56.1	66.3	72.4	70.6	62.8	50.9	39.4	27.9	48.3
	New York	78	31.4	31.4	39.0	49.2	60.4	69.3	74.4	73.0	66.9	56.4	45.1	34.8	52.6
	Rochester	45	23.0	23.9	31.8	44.9	57.1	66.1	70.7	69.2	62.4	51.6	35.7	28.6	47.5
N. C.	Asheville	40	38.8	39.5	47.0	55.0	63.0	70.3	73.0	72.2	67.3	56.0	40.4	39.3	55.7
	Raleigh	63	42.2	43.4	51.1	59.4	68.0	75.9	78.0	77.4	72.2	61.4	51.3	43.3	60.4
N. Dak.	Bismarck	75	8.5	11.6	25.2	43.2	54.7	64.1	70.6	68.3	58.1	45.4	28.5	15.5	41.2
Ohio	Cleveland	40	24.7	26.3	34.5	46.2	58.1	67.7	71.9	70.2	63.8	52.7	39.0	29.1	48.7
Okla.	Oklahoma City	59	37.4	40.5	50.2	60.2	68.0	77.0	81.4	81.3	74.0	62.7	49.7	39.8	60.2
Oreg.	Portland	75	39.4	42.7	47.6	52.5	57.9	62.6	67.0	67.2	62.4	55.2	46.6	41.8	53.6
Pa.	Harrisburg	61	30.4	30.6	40.2	51.0	62.8	70.6	75.1	72.9	66.4	56.0	43.6	33.4	52.6
	Pittsburgh	76	31.0	31.4	40.0	50.8	62.0	70.4	74.4	72.4	66.6	56.0	43.1	33.3	52.6
S. C.	Charleston	79	60.5	62.0	57.8	64.9	72.9	79.2	81.6	80.9	76.9	67.8	58.4	51.7	66.2
S. Dak.	Huron	68	12.8	15.9	30.3	40.2	57.0	67.0	73.1	71.0	61.5	48.6	31.0	19.5	44.6
Tenn.	Nashville	79	39.2	41.0	49.8	60.4	68.2	76.4	79.4	78.2	69.0	61.1	49.1	41.1	59.3
Tex.	Amarillo	58	33.1	36.1	45.3	53.8	62.1	71.4	75.9	74.0	67.8	55.8	43.8	35.5	54.6
	El Paso	70	44.6	49.6	55.8	63.7	72.2	80.7	81.9	80.1	74.6	64.5	52.5	44.5	63.8
	Fort Worth	52	46.0	48.7	57.3	65.0	72.5	80.7	84.0	84.4	77.8	67.7	56.3	47.6	65.7
	Houston	70	53.4	56.4	62.7	69.3	75.3	81.2	83.2	83.3	79.1	71.1	61.6	54.9	69.2
Utah.	Salt Lake City	76	29.1	34.0	41.8	50.2	58.6	67.8	76.8	75.0	64.9	53.1	40.9	32.2	52.0
Vt.	Burlington	66	18.5	18.6	29.4	42.9	55.9	65.0	70.0	67.6	60.1	48.6	36.7	23.8	44.7
Va.	Norfolk	79	41.8	42.4	48.9	57.2	66.8	74.8	78.5	77.5	72.4	62.2	52.0	43.5	59.8
	Richmond	70	38.6	40.2	47.6	56.0	66.8	74.6	78.6	76.6	71.1	60.0	49.2	40.0	58.4
Wash.	Seattle	59	40.4	42.4	45.7	50.4	55.7	60.2	64.4	64.1	59.9	52.9	46.3	42.3	52.0
	Spokane	69	27.2	31.4	40.2	48.5	56.3	62.8	70.3	68.7	59.3	48.9	37.4	30.8	48.5
W. Va.	Parkersburg	61	33.5	34.0	43.4	53.4	63.4	71.9	75.4	73.9	68.0	56.2	44.5	36.5	54.4
Wis.	Madison	81	17.6	20.1	31.4	45.7	57.6	67.4	72.6	70.3	62.4	50.5	35.3	23.0	46.2
Wyo.	Cheyenne	79	25.9	27.2	32.7	41.3	50.7	60.8	64.4	66.1	57.2	45.9	35.2	28.4	44.9
Alaska	Juneau	6	20.4	26.2	32.5	38.2	47.7	53.3	54.6	53.4	49.4	42.4	33.7	27.6	40.8
T. H.	Honolulu	45	71.5	71.6	71.8	73.1	75.0	76.7	77.6	78.4	78.2	77.2	75.0	73.2	75.0
P. R.	San Juan	51	74.9	74.9	75.5	76.7	78.7	79.7	80.0	80.5	80.5	80.0	78.3	76.4	78.0

1 Through 1942.

Source: Department of Commerce, Weather Bureau; records.

No. 180.—AVERAGE DAILY MAXIMUM TEMPERATURES

(For period of record through 1949)

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	78	60.3	62.7	67.1	75.1	82.4	88.2	89.5	89.3	86.1	77.8	68.1	62.0	75.7
	Montgomery	77	57.8	60.7	68.0	75.6	83.4	89.7	90.8	89.9	86.3	76.9	66.2	58.0	75.3
Ariz.	Phoenix	54	64.9	69.0	74.5	82.6	91.2	101.0	103.6	101.5	97.5	86.4	74.7	65.6	84.4
Ark.	Little Rock	70	50.1	53.5	62.6	72.0	79.2	87.2	91.7	91.0	85.3	75.0	62.3	53.0	71.9
Calif.	Fresno	62	54.4	61.2	66.5	74.3	82.1	91.2	99.1	97.3	89.6	78.6	66.5	55.1	76.3
	Los Angeles	72	64.0	65.5	67.3	69.7	71.9	76.2	81.2	82.1	80.7	76.2	72.7	66.8	72.0
	San Francisco	75	55.2	58.4	60.6	62.1	63.3	65.5	65.0	65.2	68.5	67.8	62.9	56.4	62.6
Colo.	Denver	73	42.0	44.7	51.2	59.8	68.9	80.0	85.6	84.4	76.6	64.7	52.6	44.6	63.0
D. C.	Washington	78	42.3	44.0	52.9	64.0	74.6	82.7	86.7	84.3	78.3	67.2	54.9	44.0	64.7
Fla.	Jacksonville	76	64.9	66.7	72.2	77.6	83.5	88.1	89.9	89.4	85.7	78.4	71.0	65.4	77.8
	Miami	39	74.3	74.6	75.6	79.5	82.4	85.4	87.0	87.3	80.0	82.7	77.7	75.3	80.7
Ga.	Atlanta	71	51.5	54.2	62.2	70.7	79.2	85.9	87.4	86.2	82.0	71.8	60.8	52.4	70.4
Idaho	Boise	10	34.7	43.5	52.5	62.8	71.1	77.0	90.0	88.1	77.0	64.8	47.6	39.2	62.4
Ill.	Chicago	77	31.8	33.6	43.2	54.7	65.6	75.4	80.9	79.0	72.7	61.5	47.0	35.8	56.8
Ind.	Indianapolis	46	35.8	30.0	48.4	61.3	74.1	81.2	85.5	83.3	76.7	64.9	50.1	39.1	61.6
Iowa	Des Moines	71	30.1	33.6	46.0	60.8	71.7	80.8	86.7	84.1	76.1	64.5	47.7	34.5	56.7
Kans.	Wichita	61	41.2	45.1	50.0	67.1	75.1	85.2	90.8	90.2	82.2	70.2	55.3	44.3	66.7
Ky.	Louisville	77	42.6	45.0	54.9	65.8	75.9	84.4	88.1	86.4	80.5	69.0	54.8	44.8	66.1
La.	New Orleans	76	62.6	65.2	71.1	77.0	83.2	88.5	89.6	89.6	86.3	78.8	69.8	63.6	77.1
Maine	Bangor	77	28.8	28.8	36.5	46.4	55.1	63.4	68.9	68.5	62.8	54.0	43.1	32.5	49.0
Mass.	Boston	78	36.2	36.5	44.3	54.6	60.1	75.4	80.6	78.3	71.8	61.9	50.2	39.2	57.9
Mich.	Detroit	78	31.5	32.2	41.9	55.1	67.3	77.0	82.1	79.7	72.8	60.6	46.0	35.1	56.8
	Sault Ste. Marie	61	22.2	22.1	31.7	46.2	59.1	69.7	74.6	72.5	64.6	52.4	38.1	27.2	48.4
Minn.	Minneapolis	59	22.3	25.0	38.4	55.6	67.9	77.3	83.1	80.5	71.7	58.9	40.4	27.1	54.0
Miss.	Vicksburg	73	56.9	60.1	67.7	75.0	82.1	88.3	90.1	90.0	85.9	76.8	60.2	58.5	74.8
Mo.	Kansas City	61	38.3	41.2	53.0	64.8	74.0	83.5	88.8	87.4	79.7	68.7	53.4	41.4	64.5
	St. Louis	77	40.1	43.2	53.7	65.2	75.0	84.0	88.5	86.8	79.7	68.3	53.8	43.2	65.1
Mont.	Helena	70	28.7	32.4	42.0	54.6	63.1	71.2	81.2	79.8	67.8	56.0	41.6	32.7	54.3
	Miles City	50	27.2	29.9	42.4	58.7	68.7	79.0	87.8	85.7	73.0	60.3	44.0	32.0	52.4
Nebr.	North Platte	75	36.0	39.8	49.6	61.8	71.0	80.8	87.6	86.1	77.8	65.9	50.7	39.6	67.3
	Omaha	77	31.1	35.1	47.1	62.0	72.3	81.8	87.5	85.0	76.9	65.2	48.3	35.6	60.7
Nev.	Winnemucca	71	39.0	44.5	52.8	61.4	69.9	79.2	89.8	88.4	78.0	65.6	52.1	41.7	63.5
N. J.	Atlantic City	76	40.7	40.5	45.5	55.0	64.9	73.8	78.8	78.3	73.6	64.4	53.3	43.8	59.4
N. Mex.	Albuquerque	55	47.0	52.8	60.9	69.4	78.5	88.1	90.3	88.2	81.8	70.7	57.8	47.3	69.5
N. Y.	Albany	76	31.4	32.0	41.7	55.8	69.0	77.9	83.6	80.3	72.8	60.8	46.9	36.1	57.2
	New York	78	38.3	38.7	46.5	57.2	68.6	77.2	82.0	80.1	74.1	63.7	51.7	41.4	60.0
	Rochester	45	29.8	31.0	39.2	53.3	66.4	75.6	80.0	78.2	71.4	59.6	46.0	34.0	55.6
N. C.	Asheville	46	47.9	49.3	57.4	66.1	74.2	81.0	83.1	82.1	77.7	68.0	56.9	48.7	66.0
	Raleigh	63	51.0	52.7	61.4	70.2	79.1	85.9	87.9	86.5	81.5	71.4	61.0	52.1	70.1
N. Dak.	Bismarck	75	18.9	21.9	35.4	54.8	66.7	75.5	83.2	81.5	71.1	57.5	38.7	26.3	52.5
Ohio	Cleveland	73	32.2	34.3	43.1	56.4	69.3	79.0	83.6	84.2	74.7	62.9	46.9	35.8	58.3
Okla.	Oklahoma City	59	47.1	51.0	61.5	71.0	77.9	87.0	91.9	92.2	84.9	73.6	60.1	49.2	70.6
Oreg.	Portland	75	44.3	48.6	55.0	61.4	67.3	72.1	78.4	78.0	72.0	62.9	52.2	46.4	61.0
Pa.	Harrisburg	61	37.1	37.7	48.3	60.4	72.0	80.2	84.4	82.0	75.6	63.8	50.8	39.7	61.0
	Pittsburgh	76	38.5	39.5	48.8	60.6	72.0	80.2	84.1	82.1	76.3	64.4	50.6	40.7	61.5
S. C.	Charleston	76	68.2	59.6	65.7	72.4	79.8	85.6	87.2	83.0	74.9	66.1	59.3	47.3	73.8
S. Dak.	Huron	68	23.3	26.4	40.7	58.2	69.2	78.6	85.6	83.8	74.6	61.3	42.6	20.5	56.0
Tenn.	Nashville	79	47.5	49.6	59.2	69.2	78.1	86.0	89.9	87.9	82.5	71.8	58.4	40.4	60.2
Tex.	Amarillo	58	45.5	48.9	59.0	67.3	74.6	83.8	87.8	86.6	80.0	68.2	56.3	47.1	67.1
	El Paso	63	56.9	62.8	69.0	77.2	85.6	93.8	93.4	91.5	80.5	77.4	65.6	57.1	70.4
	Fort Worth	61	65.0	69.2	68.3	75.6	82.3	90.7	94.2	94.4	88.1	78.4	66.7	57.2	76.0
	Houston	59	61.9	64.9	71.7	77.9	84.2	90.2	92.2	92.4	88.1	81.0	70.8	63.5	78.2
Utah	Salt Lake City	76	36.4	41.5	50.7	60.3	69.4	79.8	89.2	87.2	76.9	63.5	49.5	39.2	62.0
Vt.	Burlington	58	26.7	26.9	37.8	51.5	65.0	74.3	79.3	76.8	69.0	57.3	43.1	30.5	53.2
Va.	Norfolk	75	49.4	50.5	57.7	66.2	75.7	83.3	86.8	84.8	79.9	67.7	59.7	51.0	67.9
	Richmond	52	47.8	48.9	58.6	67.5	77.4	84.1	87.5	85.6	80.6	70.5	59.1	48.9	68.1
Wash.	Seattle	59	44.8	47.7	52.2	58.1	63.8	68.6	72.4	73.7	70.1	58.9	51.1	46.5	58.7
	Spokane	69	33.1	38.8	49.3	59.5	68.0	74.7	84.3	83.0	72.1	59.7	44.1	36.0	58.5
W. Va.	Farkersburg	61	41.6	42.4	53.1	62.5	74.5	82.4	85.8	84.2	78.2	67.1	53.3	43.1	64.0
Wis.	Madison	81	24.0	27.7	38.7	54.2	66.6	76.0	81.4	78.9	70.6	58.3	41.9	29.3	54.0
Wyo.	Cheyenne	77	33.0	38.3	43.9	53.2	62.9	74.3	81.5	79.0	71.3	58.8	46.8	39.2	60.9
Alaska	Juneau	6	33.8	32.0	39.2	44.7	57.0	62.1	62.1	61.6	55.8	47.3	38.3	32.1	47.2
T. H.	Honolulu	45	75.3	76.5	76.6	77.7	70.6	81.3	82.2	82.9	82.9	82.0	70.6	77.7	79.6
P. R.	San Juan	51	79.9	80.1	80.7	81.8	83.7	84.5	84.6	85.2	85.7	85.4	83.0	81.3	83.0

1 Through 1942.

Source: Department of Commerce, Weather Bureau; records.

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No. 181.—AVERAGE DAILY MINIMUM TEMPERATURES

[For period of record through 1940]

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	78	43.6	46.1	51.9	58.5	65.6	72.2	73.9	73.6	70.1	59.7	50.1	44.7	59.1
	Montgomery	77	40.1	42.4	48.3	55.3	63.2	70.2	72.4	71.9	67.5	56.5	46.2	41.0	56.2
Ariz.	Phoenix	54	38.8	42.6	47.0	53.2	60.5	69.3	77.3	76.1	69.5	56.5	45.3	39.6	56.3
Ark.	Little Rock	70	33.7	36.1	43.9	53.0	60.7	68.9	73.0	72.2	66.0	51.8	43.7	36.5	53.3
Calif.	Fresno	62	37.7	41.4	44.4	48.1	53.3	59.6	64.9	63.3	58.0	50.8	42.8	38.3	50.2
	Los Angeles	72	46.1	47.1	48.8	50.9	53.7	56.8	60.0	60.9	59.0	55.3	51.2	47.8	53.1
	San Francisco	75	44.9	47.0	48.3	49.4	50.8	52.3	53.0	53.5	54.8	53.8	50.7	46.5	50.4
Colo.	Denver	78	18.6	21.1	27.2	35.8	44.6	53.5	59.5	58.4	49.4	38.5	27.7	20.8	37.8
D. C.	Washington	78	27.2	27.9	34.8	43.9	54.3	63.3	68.6	66.0	59.5	47.8	37.7	29.5	46.6
Fla.	Jacksonville	76	47.4	49.0	54.2	59.9	66.5	72.0	73.8	73.8	71.5	63.4	54.2	48.1	61.1
	Miami	39	62.2	61.7	64.4	68.3	71.7	74.9	76.2	76.8	75.7	72.7	66.8	63.3	69.6
Ga.	Atlanta	71	35.4	37.1	43.3	51.4	60.0	67.2	69.7	69.0	64.4	53.7	43.4	36.8	52.6
Idaho	Boise	10	18.8	26.0	31.4	38.0	44.8	50.2	55.2	55.5	48.2	40.0	30.6	24.9	39.0
Ill.	Chicago	77	17.9	19.9	29.3	39.6	49.4	59.6	68.9	65.2	58.1	46.9	33.7	23.4	42.4
Ind.	Indianapolis	46	21.0	23.2	31.6	42.9	51.7	62.0	65.9	64.1	57.1	46.5	34.5	25.3	43.8
Iowa	Des Moines	71	12.5	15.7	27.7	40.5	51.3	61.2	65.7	63.5	55.2	43.6	29.7	18.3	40.4
Kans.	Wichita	61	22.7	24.9	34.3	45.8	55.1	64.7	69.4	68.4	60.4	48.8	35.5	26.2	46.4
Ky.	Louisville	77	27.1	28.6	36.9	46.8	56.4	65.3	69.0	67.3	60.7	49.1	38.2	29.5	48.0
La.	New Orleans	76	47.2	49.5	55.2	61.4	68.0	73.9	75.6	75.7	72.9	64.3	54.5	48.5	62.2
Maine	Bastport	76	13.1	14.1	23.4	32.5	40.5	46.9	52.0	53.0	49.2	41.7	31.6	18.9	34.7
Mass.	Boston	78	20.8	20.5	28.9	38.6	48.9	57.9	63.4	62.4	55.8	45.1	35.6	25.2	41.9
Mich.	Detroit	76	18.7	19.4	26.7	37.4	48.5	58.5	63.4	61.8	55.3	44.5	33.3	23.5	40.9
	Sault Ste. Marie	61	6.7	4.3	14.5	28.9	39.1	47.8	53.3	53.3	47.5	37.8	26.8	14.5	31.2
Minn.	Minneapolis	59	5.5	7.9	21.9	36.0	48.0	58.2	63.3	60.8	52.4	40.9	25.6	12.3	36.1
Miss.	Vicksburg	76	40.2	42.7	49.3	56.4	63.5	70.3	72.6	72.2	67.2	57.1	47.3	41.9	56.7
Mo.	Kansas City	61	21.6	23.7	33.9	45.8	55.6	65.2	69.9	68.3	60.4	49.0	35.9	25.0	46.2
	St. Louis	77	24.4	26.7	36.1	47.2	57.2	66.6	71.1	69.1	61.8	50.4	37.8	28.0	48.1
Mont.	Helena	70	11.9	14.6	23.0	33.1	41.0	48.1	54.2	52.8	43.8	35.1	24.2	16.6	33.2
	Miles City	50	7.0	8.9	21.2	35.2	45.1	54.8	60.8	57.7	47.2	35.6	23.2	12.6	34.1
Nebr.	North Platte	75	11.9	15.5	24.2	36.5	46.9	56.7	62.4	60.4	50.2	37.2	24.3	15.8	36.8
	Omaha	77	13.5	17.1	28.2	41.6	52.6	62.4	67.5	65.4	60.4	44.5	30.1	19.3	41.5
Nev.	Winnemucca	71	16.9	22.4	27.3	33.0	39.9	47.3	54.0	50.7	41.2	32.0	23.6	18.8	33.9
N. J.	Atlantic City	76	26.6	26.8	33.2	41.6	51.0	61.2	66.9	66.9	61.5	50.4	39.5	30.1	46.4
N. Mex.	Albuquerque	56	21.4	25.9	31.7	39.1	48.0	56.8	62.5	61.0	53.7	41.3	29.6	22.2	41.1
N. Y.	Albany	76	15.5	15.4	25.4	37.1	48.7	57.9	62.8	60.7	53.5	42.5	32.5	20.9	39.4
	New York	78	24.6	24.2	31.5	41.2	52.1	61.3	66.8	65.8	59.7	49.1	38.4	28.2	45.2
	Rochester	45	16.2	16.8	24.4	36.5	47.8	58.6	61.4	60.2	53.4	43.4	32.4	22.6	39.4
N. C.	Asheville	46	20.4	29.5	36.5	43.8	51.8	59.6	62.9	62.3	56.8	45.0	35.9	30.0	45.3
	Raleigh	63	33.4	34.1	40.8	48.6	58.0	65.9	69.2	68.2	62.8	51.4	41.6	34.5	50.7
N. Dak.	Bismarck	75	-1.9	1.2	15.1	21.7	42.6	52.6	58.0	55.2	46.1	33.3	18.4	5.7	29.8
Ohio	Cleveland	73	17.6	18.4	26.0	36.2	46.9	56.6	60.4	59.4	52.9	42.9	31.4	22.7	39.3
Okla.	Oklahoma City	50	27.7	30.0	38.8	49.4	58.0	67.0	70.8	70.3	63.2	51.7	39.2	30.6	49.7
Oreg.	Portland	75	34.4	36.8	40.2	43.6	48.5	53.1	56.8	56.5	52.8	49.5	40.9	37.1	45.7
Pa.	Harrisburg	61	23.7	23.5	32.1	41.7	52.5	61.1	65.7	63.8	57.2	46.2	36.4	27.1	44.2
	Pittsburgh	76	23.5	23.3	31.2	41.0	51.7	60.5	64.6	62.8	56.8	45.6	35.6	26.9	43.6
S. C.	Charleston	70	43.1	44.4	50.2	57.3	65.8	72.5	75.0	74.5	70.7	60.8	50.8	44.1	59.1
S. Dak.	Huron	68	2.2	5.4	10.9	34.2	44.9	55.4	60.5	58.2	48.4	35.8	21.1	9.4	33.0
Tenn.	Nashville	79	30.9	32.4	40.3	49.6	58.2	66.7	69.9	68.6	55.6	40.4	30.8	33.2	49.6
Tex.	Amarillo	58	20.8	28.3	31.6	40.4	49.6	58.9	64.0	62.6	55.5	43.3	31.2	23.9	42.1
	El Paso	70	32.3	36.8	42.3	49.9	58.4	67.0	69.8	68.4	62.7	51.6	39.4	33.4	51.0
	Fort Worth	51	35.8	38.2	46.3	54.5	62.7	70.7	73.9	74.1	67.6	57.0	46.0	37.7	55.4
	Houston	59	44.5	46.9	53.5	60.1	66.5	72.3	74.2	74.3	70.3	61.4	52.1	46.2	60.2
Utah	Salt Lake City	76	21.7	26.4	32.9	40.2	47.7	55.9	64.4	62.9	53.0	42.6	32.3	25.2	42.1
Vt.	Burlington	58	10.0	9.0	21.5	34.0	45.9	55.4	60.4	58.2	51.0	40.6	30.0	16.3	36.1
Va.	Norfolk	76	34.0	34.3	40.2	48.1	57.8	66.2	70.6	70.1	65.5	54.9	44.5	36.3	51.9
	Richmond	52	30.1	30.1	37.8	45.8	55.7	64.2	68.5	67.1	61.2	49.5	39.1	31.4	48.4
Wash.	Seattle	57	36.0	37.0	39.3	42.8	47.6	51.0	54.1	55.2	51.9	47.0	41.5	38.0	45.2
	Spokane	69	21.2	24.2	31.2	37.6	40.7	50.8	60.4	56.2	54.4	46.6	38.4	30.9	25.5
W. Va.	Parkersburg	61	25.4	25.4	33.7	42.7	52.3	61.8	64.0	63.5	57.0	45.3	35.5	27.9	44.6
Wis.	Madison	81	10.2	12.5	23.8	37.3	48.8	59.9	63.0	61.9	54.1	42.5	28.6	16.7	38.3
Wyo.	Cheyenne	77	14.8	15.9	21.4	29.5	38.3	47.2	53.5	52.3	43.2	33.1	23.7	17.5	32.5
Alaska	Juneau	6	25.0	20.4	27.8	31.6	38.4	44.5	47.2	45.2	43.0	37.6	29.1	23.1	34.4
T. H.	Honolulu	45	66.7	66.7	67.0	68.5	70.3	72.1	73.1	73.8	73.5	72.5	70.4	68.6	70.3
P. R.	San Juan	61	69.9	69.7	70.2	71.6	73.6	74.8	75.4	75.7	75.2	74.6	73.3	71.5	73.0

1 Through 1942.

Source: Department of Commerce, Weather Bureau; records.

No. 182.—HIGHEST TEMPERATURE OF RECORD

[For period of record through 1940]

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	An- nual
Ala.	Mobile	78	83	82	91	90	98	102	103	101	103	95	86	80	103
	Montgomery	77	83	84	90	92	99	106	107	103	106	96	86	81	107
Ariz.	Phoenix	54	84	02	95	103	114	118	118	115	113	105	96	84	118
Ark.	Little Rock	70	81	87	90	94	97	105	108	110	106	98	84	78	110
Calif.	Fresno	62	73	84	87	101	110	112	115	113	111	100	89	76	115
	Los Angeles	72	90	02	99	100	103	105	109	106	108	102	96	92	100
	San Francisco	79	78	80	86	89	97	101	104	92	102	96	84	74	104
Colo.	Denver	78	76	77	82	86	95	99	102	105	97	90	79	79	106
D. C.	Washington	79	77	84	93	95	97	102	106	104	96	83	74	74	106
Fia.	Jacksonville	78	84	86	91	92	99	101	104	101	99	95	86	83	104
	Miami	30	85	85	88	91	92	98	95	93	93	91	88	85	96
Ga.	Atlanta	71	70	78	87	93	97	102	103	101	102	94	82	75	103
Idaho	Boise	10	58	63	76	92	95	109	104	105	100	88	73	60	100
Ill.	Chicago	79	65	68	82	91	98	102	105	102	100	88	78	68	106
Ind.	Indianapolis	79	70	73	84	90	96	101	106	103	100	80	78	69	100
Iowa	Des Moines	71	65	73	88	92	105	103	110	110	102	92	82	69	110
Kans.	Wichita	61	74	82	92	98	100	109	112	114	108	95	83	75	114
Ky.	Louisville	77	77	78	88	91	98	102	107	105	102	91	82	74	107
La.	New Orleans	79	83	84	90	90	96	102	102	100	99	94	89	84	102
Maine	Eastport	76	68	52	76	81	90	92	93	93	92	83	67	67	93
Mass.	Boston	78	70	68	86	89	97	100	104	101	102	90	78	60	104
Mich.	Detroit	79	66	68	82	88	95	104	105	104	100	80	75	65	105
	Sault Ste. Marie	61	48	50	75	83	91	93	98	98	92	82	74	54	98
Minn.	Minneapolis	59	58	64	83	91	100	104	108	103	104	90	77	63	108
Miss.	Vicksburg	76	82	84	92	92	97	101	102	101	104	94	86	82	104
Mo.	Kansas City	61	70	81	91	95	103	108	110	113	100	98	83	74	113
	St. Louis	79	74	84	92	93	96	104	110	108	103	93	83	75	110
Mont.	Miles City	70	63	69	73	86	95	102	103	103	95	84	71	64	103
	Miles City	50	66	71	88	91	101	108	111	108	106	91	76	71	111
Nebr.	North Platte	75	70	74	88	95	99	104	100	108	105	96	83	70	100
	Omaha	77	69	78	91	94	103	107	114	111	104	96	80	72	114
Nev.	Winnemucca	71	61	69	82	88	98	104	108	106	98	90	75	70	108
N. J.	Atlantic City	76	68	77	79	90	95	97	102	104	94	91	77	68	104
N. Mex.	Albuquerque	56	72	79	85	89	97	104	102	101	97	80	83	72	104
N. Y.	Albany	76	71	66	85	93	97	100	104	102	98	91	75	67	104
	New York	79	68	73	84	91	95	97	102	102	100	90	75	69	102
	Rochester	78	71	70	86	90	93	98	102	99	98	89	80	70	102
N. C.	Asheville	47	77	80	87	89	93	98	99	98	95	90	79	78	90
	Raleigh	63	70	82	94	95	96	102	104	103	101	96	84	79	104
N. Dak.	Bismarck	75	60	65	81	90	102	107	114	109	105	91	74	66	114
Ohio	Cleveland	79	71	73	83	88	92	101	103	102	98	90	79	69	103
Okla.	Oklahoma City	59	83	90	97	96	96	107	109	113	106	97	86	70	113
Oreg.	Portland	75	65	68	83	93	99	102	107	102	102	88	73	65	107
Pa.	Harrisburg	61	73	74	86	93	97	100	103	104	99	97	77	71	104
	Pittsburgh	75	75	77	84	90	95	98	103	103	102	91	80	73	103
S. C.	Charleston	79	82	82	94	93	99	104	104	102	100	95	83	81	104
S. Dak.	Huron	68	64	70	89	94	106	106	111	110	106	97	79	71	111
Tenn.	Nashville	79	78	79	89	90	96	101	106	105	104	93	85	75	106
Tex.	Amarillo	53	83	84	96	94	100	107	106	106	102	95	86	83	107
	El Paso	71	77	86	93	95	102	105	105	103	100	94	85	77	106
	Fort Worth	51	93	96	100	100	107	107	109	112	107	101	88	84	112
	Houston	61	84	90	96	93	98	103	104	108	101	99	89	84	108
Utah	Salt Lake City	76	59	66	77	85	92	103	106	108	98	86	74	66	106
Vt.	Burlington	66	64	56	84	86	92	96	100	101	95	85	75	67	101
Va.	Norfolk	79	80	82	92	95	98	102	104	105	100	94	82	76	105
	Richmond	52	80	82	94	96	98	104	105	107	101	99	83	77	107
Wash.	Seattle	62	67	70	81	87	92	98	100	96	92	82	70	65	100
	Spokane	58	62	60	74	90	97	100	108	104	98	87	70	60	108
W. Va.	Parkersburg	61	74	77	89	93	96	99	104	106	99	91	83	72	108
Wis.	Madison	80	58	63	86	89	101	100	107	101	97	86	77	62	107
Wyo.	Cheyenne	77	64	66	77	82	88	97	100	96	92	85	75	68	100
Alaska	Juneau	6	48	46	49	53	53	53	53	78	72	61	56	54	83
T. H.	Honolulu	45	83	84	83	83	85	86	87	88	88	87	85	85	88
P. R.	San Juan	51	88	91	91	93	94	93	92	93	94	94	93	90	94

1 Through 1942.

Source: Department of Commerce, Weather Bureau; records.

No. 183.—LOWEST TEMPERATURE OF RECORD

[For period of record through 1949]

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	78	11	-1	24	32	44	50	62	57	48	34	24	14	-1
	Montgomery	77	5	-5	20	30	43	48	61	58	45	31	18	8	-5
Ariz.	Phoenix	54	16	24	30	35	39	49	63	58	40	36	27	22	16
Ark.	Little Rock	70	-8	-12	11	28	39	51	56	52	37	27	10	5	-12
Calif.	Fresno	62	17	24	28	34	38	42	50	51	42	30	27	18	17
	Los Angeles	72	28	28	31	36	40	46	49	49	44	40	34	30	28
	San Francisco	70	29	33	33	40	42	46	47	46	47	43	38	27	27
Colo.	Denver	78	-29	-25	-11	4	19	32	42	40	21	-2	-18	-25	-29
D. C.	Washington	79	-14	-15	4	15	33	43	52	49	36	26	11	-13	-15
Fla.	Jacksonville	78	15	10	25	34	46	54	65	64	49	37	25	14	10
	Miami	80	31	27	34	45	50	66	67	67	67	52	36	30	27
Ga.	Atlanta	71	-2	-8	8	25	38	39	58	55	43	28	14	1	-8
Idaho	Boise	10	-13	-1	12	24	27	34	45	41	32	20	15	-1	-13
Ill.	Chicago	79	-20	-21	-12	17	27	35	49	47	20	14	-2	-23	-23
Ind.	Indianapolis	79	-25	-18	-1	19	31	39	48	44	30	22	-5	-15	-25
Iowa	Des Moines	71	-30	-26	-12	11	26	37	48	40	26	7	-10	-21	-30
Kans.	Wichita	61	-15	-22	-3	15	27	44	53	45	32	14	4	-10	-22
Ky.	Louisville	77	-20	-14	3	21	33	43	49	45	33	23	1	-7	-20
La.	New Orleans	79	15	7	28	38	52	58	66	63	54	40	29	19	7
Maine	Eastport	76	-20	-23	-8	2	26	30	45	44	30	22	-13	-23	-23
Mass.	Boston	78	-13	-18	-8	11	31	41	50	46	34	25	-2	-17	-18
Mich.	Detroit	79	-16	-20	-7	8	28	38	48	43	30	22	0	-24	-24
	Sault Ste. Marie	61	-32	-37	-27	-13	21	31	38	35	27	15	-12	-24	-37
Minn.	Minneapolis	59	-34	-33	-27	6	22	34	44	42	26	10	-13	-27	-34
Miss.	Vicksburg	76	3	1	17	31	43	52	60	54	41	31	22	10	-1
Mo.	Kansas City	61	-20	-22	-3	16	27	44	53	46	34	17	4	-13	-22
	St. Louis	70	-22	-18	3	20	32	44	55	52	36	21	3	-15	-22
Mont.	Helena	70	-42	-41	-24	-10	22	31	36	29	6	-3	-22	-40	-42
	Miles City	50	-46	-40	-30	-7	20	33	42	34	17	-8	-26	-43	-46
Nebr.	North Platte	77	-35	-35	-21	-3	19	33	41	36	21	4	-25	-30	-35
	Omaha	77	-32	-26	-16	6	25	39	50	44	30	8	-14	-20	-32
Nev.	Winnemucca	71	-36	-26	-3	12	17	29	33	26	16	10	-9	-27	-36
N. J.	Atlantic City	76	-4	-9	8	15	33	45	52	48	37	29	10	-7	-9
N. Mex.	Albuquerque	56	-15	-10	6	13	25	35	42	40	26	19	5	-16	-16
N. Y.	Albany	76	-26	-22	-21	9	20	35	44	35	24	19	-11	-21	-26
	New York	79	-6	-14	3	12	34	44	54	51	39	27	7	-13	-14
	Rochester	78	-14	-22	-7	7	27	35	44	43	28	19	1	-16	-22
N. C.	Asheville	47	-5	-6	7	20	31	40	46	45	35	20	4	-4	-6
	Raleigh	63	2	-2	13	23	34	46	53	51	39	30	15	0	-2
N. Dak.	Bismarck	75	-45	-45	-36	-3	13	31	32	32	10	-10	-28	-42	-45
Ohio	Cleveland	79	-17	-16	-5	11	28	38	46	45	32	24	0	-12	-17
Okla.	Oklahoma City	59	-11	-17	1	20	33	46	55	49	35	15	9	-2	-17
Oreg.	Portland	75	-2	7	20	28	32	39	43	43	35	20	11	3	-2
Pa.	Harrisburg	61	-14	-13	5	11	32	43	49	46	32	25	10	-3	-14
	Pittsburgh	75	-16	-20	-1	11	27	38	46	45	34	20	1	-9	-20
S. C.	Charleston	79	10	7	24	32	45	40	61	62	40	37	23	12	7
S. Dak.	Huron	68	-43	-37	-25	5	20	31	40	33	18	-6	-28	-34	-43
Tenn.	Nashville	79	-10	-13	3	25	36	42	51	47	36	26	8	-2	-13
Tex.	Amarillo	58	-11	-16	-3	13	20	38	51	48	32	15	4	-6	-16
	El Paso	71	-6	-6	4	14	20	36	46	56	52	41	26	11	-5
	Fort Worth	51	-2	-8	10	30	34	48	56	55	40	24	20	7	-8
	Houston	61	5	6	21	34	45	55	55	54	45	33	23	15	5
Utah	Salt Lake City	76	-22	-30	11	14	27	35	40	39	31	18	0	-21	-30
Vt.	Burlington	66	-27	-28	-24	5	25	33	43	38	25	17	-3	-20	-29
Va.	Norfolk	70	5	2	14	23	38	49	57	56	40	31	17	5	2
	Richmond	52	-1	-3	12	19	35	43	52	49	40	28	14	-2	-3
Wash.	Seattle	62	3	4	20	30	36	40	46	46	36	29	15	12	3
	Spokane	58	-30	-23	-10	14	26	34	41	37	22	9	-13	-18	-30
W. Va.	Farkersburg	61	-16	-27	-3	15	29	39	47	45	32	20	4	-10	-27
Wis.	Madison	80	-29	-28	-13	8	27	38	48	43	29	12	-14	-28	-29
Wyo.	Cheyenne	77	-38	-34	-21	-6	28	38	43	35	16	-5	-21	-28	-38
Alaska	Juneau	0	-17	-12	1	7	26	33	38	27	27	16	-3	-21	-21
T. H.	Honolulu	45	57	56	57	59	63	64	67	66	63	63	61	59	66
P. R.	San Juan	51	63	62	67	65	66	66	70	68	69	68	66	62	62

1 Through 1942.

Source: Department of Commerce, Weather Bureau; records.

No. 184.—AVERAGE PRECIPITATION, INCHES

[For period of record through 1949]

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	70	4.79	5.01	6.56	4.96	4.46	5.59	7.29	6.12	4.84	3.34	3.36	4.80	61.12
	Montgomery	77	4.93	5.27	6.33	4.73	3.65	4.23	4.84	4.12	3.04	2.31	3.45	4.74	51.64
Ariz.	Phoenix	54	.80	.80	.67	.39	.13	.06	1.02	.97	.88	.45	.65	.90	7.72
Ark.	Little Rock	70	4.83	3.81	4.66	5.04	4.80	3.70	3.38	3.49	3.04	2.98	4.16	4.22	48.06
Calif.	Fresno	72	1.67	1.54	1.22	.90	.38	.11	.01	.01	.16	.57	.85	1.53	9.85
	Los Angeles	72	2.01	3.27	2.74	1.01	.36	.08	.01	.03	.20	.62	1.14	2.87	15.24
	San Francisco	101	4.63	3.75	3.11	1.52	.68	.15	.01	.02	.28	.96	2.42	4.36	21.80
Colo.	Denver	78	.46	.55	1.09	2.02	2.30	1.36	1.68	1.37	1.00	1.02	.62	.63	14.00
D. C.	Washington	79	3.42	3.02	3.64	3.26	3.68	3.93	4.44	4.33	3.67	2.95	2.62	3.06	42.02
Fla.	Jacksonville	78	2.81	2.97	3.25	2.76	3.91	5.97	6.85	6.21	7.16	4.61	1.99	2.87	57.35
	Miami	79	2.20	1.85	2.42	3.41	6.74	6.80	5.44	5.74	8.62	7.69	3.09	1.81	55.81
Ga.	Atlanta	71	4.81	4.73	5.54	3.94	3.53	3.90	4.61	4.21	3.12	2.59	3.14	4.56	48.68
Idaho	Boise	10	.06	1.43	1.24	1.16	1.22	1.09	.90	.12	.42	1.10	1.38	1.31	11.52
Ill.	Chicago	79	1.94	1.85	2.71	2.82	3.62	3.55	3.14	3.15	3.16	2.56	2.36	2.00	32.86
Ind.	Indianapolis	60	2.95	2.73	3.63	3.62	3.89	3.62	3.34	3.31	3.40	2.78	3.35	2.98	39.90
Iowa	Des Moines	72	1.16	1.11	1.85	2.76	4.29	4.88	3.36	3.63	3.52	2.51	1.60	1.26	31.94
Kans.	Wichita	61	.88	1.21	1.77	3.11	4.39	4.58	3.10	3.10	3.19	2.31	1.56	1.10	30.30
Ky.	Louisville	78	3.09	3.87	4.49	3.94	3.73	3.63	3.62	3.24	2.63	2.92	3.40	3.50	42.50
La.	New Orleans	79	4.64	4.55	5.51	5.35	4.85	5.82	6.08	6.06	5.48	3.50	3.71	4.68	60.63
Maine	Boston	77	3.59	3.19	3.05	2.82	2.96	3.08	3.11	2.91	2.91	3.58	3.55	3.45	38.91
Mass.	Boston	70	3.57	3.22	3.72	3.49	3.17	3.19	3.31	3.29	3.15	3.22	3.65	3.34	40.02
Mich.	Detroit	79	2.08	2.07	2.45	2.59	3.42	3.40	3.18	2.78	2.71	2.35	2.20	2.27	31.54
	Sault Ste. Marie	61	1.98	1.43	1.75	2.08	2.72	2.86	2.88	2.81	3.52	3.08	3.06	2.24	30.06
Minn.	Minneapolis	69	.89	.86	1.44	2.11	3.47	4.26	3.36	3.16	3.07	2.06	1.37	.50	26.88
Miss.	Vicksburg	79	5.24	4.84	5.59	5.20	4.31	3.83	4.32	3.23	2.71	2.63	4.19	5.27	51.72
Mo.	Kansas City	61	1.39	1.61	2.56	3.39	4.78	4.83	3.67	3.97	4.21	2.77	2.00	1.47	30.45
	St. Louis	113	2.27	2.41	3.51	3.77	4.43	4.43	3.49	3.54	3.24	2.89	2.81	2.47	36.26
Mont.	Helena	70	.77	.58	.75	.99	1.95	2.29	1.10	.79	1.23	.83	.66	.72	12.66
	Miles City	165	.59	.43	.82	1.07	2.02	2.61	1.51	1.07	.98	.87	.53	.50	13.05
Nebr.	North Platte	75	.41	.47	.88	2.14	2.76	3.11	2.59	2.24	1.54	1.08	.49	.53	18.24
	Omaha	79	.73	.88	1.33	2.57	3.58	4.71	3.06	3.15	3.09	2.11	1.19	.88	27.88
Nev.	Winnemucca	80	1.08	.93	.94	.82	.88	.67	.23	.17	.38	.68	.77	1.00	8.52
N. J.	Atlantic City	76	3.59	3.27	3.62	3.24	3.04	3.05	3.69	4.49	3.10	3.19	3.10	3.65	41.66
N. Mex.	Albuquerque	100	.39	.34	.38	.53	.58	.70	1.41	1.39	.93	.77	.45	.35	8.25
N. Y.	Albany	124	2.50	2.36	2.69	2.71	3.32	3.81	3.88	3.59	3.33	3.10	2.89	2.55	36.79
	New York	79	3.57	3.49	3.76	3.35	3.32	3.47	4.23	4.86	3.54	3.40	4.13	3.30	42.92
	Rochester	79	2.76	2.25	3.03	2.23	2.82	2.94	3.07	2.78	2.43	2.69	2.55	2.02	32.12
N. C.	Asheville	49	2.82	2.79	3.59	2.97	3.18	3.82	4.55	3.99	2.84	2.74	1.97	3.14	38.40
	Raleigh	60	3.38	3.77	3.78	3.48	3.97	4.46	5.77	5.47	3.07	2.90	2.49	3.31	40.74
N. Dak.	Bismarck	75	.44	.40	.90	1.52	2.22	3.40	2.28	1.81	1.31	.98	.57	.52	16.41
Ohio	Cleveland	79	2.49	2.35	2.82	2.65	3.09	3.28	3.40	2.89	3.17	2.63	2.52	2.39	33.55
Okla.	Oklahoma City	59	1.37	1.19	2.16	3.41	4.95	5.98	2.53	2.74	3.06	2.76	2.06	1.58	31.79
Oreg.	Portland	79	6.00	5.23	4.55	2.81	2.18	1.57	.54	.62	1.83	3.29	6.15	7.00	41.89
Pa.	Harrisburg	61	2.91	2.03	3.08	2.92	3.55	3.60	3.75	3.07	3.10	3.00	2.89	2.79	37.69
	Pittsburgh	79	2.91	2.48	3.16	2.99	3.21	3.73	4.07	3.23	2.69	2.52	2.31	2.75	35.95
S. C.	Charleston	79	2.92	3.25	3.38	2.79	3.27	4.72	7.23	6.65	5.13	3.17	2.28	2.40	47.59
S. Dak.	Huron	68	.57	.53	.98	2.19	2.71	3.55	2.63	2.29	1.62	1.30	.62	.53	16.25
Tenn.	Nashville	70	4.72	4.12	5.12	4.17	3.79	3.82	3.98	3.41	3.20	2.46	3.45	4.01	46.26
Tex.	Amarillo	58	.51	.71	.71	1.83	2.79	2.84	2.84	3.08	2.80	1.66	.92	.80	20.99
	El Paso	71	.47	.40	.33	.27	.36	.64	1.68	1.53	1.21	.85	.48	.53	8.50
	Fort Worth	62	1.84	2.02	2.28	3.73	4.73	3.16	2.17	2.37	2.61	2.80	2.20	2.11	32.11
	Houston	60	3.69	2.95	3.15	3.42	4.80	4.29	4.27	3.81	4.04	3.67	3.29	4.39	46.26
Utah.	Salt Lake City	76	1.35	1.44	1.95	1.98	1.88	.88	.56	.85	.87	1.54	1.43	1.38	16.11
Vt.	Burlington	66	1.80	1.60	2.14	2.37	3.01	3.46	3.70	3.26	3.41	2.94	2.65	1.90	32.24
Va.	Norfolk	79	3.19	3.37	3.76	3.38	3.75	4.22	5.55	5.35	3.75	3.03	2.56	3.20	45.86
	Richmond	78	8.23	3.03	3.60	3.42	3.77	3.86	4.70	4.67	3.26	2.88	2.35	3.00	41.89
Wash.	Seattle	72	4.73	3.81	3.10	2.28	1.82	1.38	.64	.70	1.71	2.90	4.84	5.55	33.44
	Spokane	60	1.98	1.63	1.25	1.09	1.34	1.27	.54	.56	.91	1.25	2.00	2.13	15.95
W. Va.	Parkersburg	65	3.35	2.87	3.50	3.17	3.46	4.12	4.25	3.79	2.72	2.32	2.53	2.88	38.96
Wis.	Madison	88	1.54	1.39	2.05	2.40	3.56	3.88	3.56	3.18	3.71	2.25	1.92	1.65	31.08
Wyo.	Cheyenne	79	.45	.60	1.05	1.04	2.42	1.71	1.90	1.54	1.17	.96	.48	.48	14.84
Alaska.	Juneau	6	5.19	2.38	4.31	3.08	2.98	3.57	5.18	5.06	8.22	9.66	6.89	4.14	60.66
T. H.	Honolulu	45	4.17	2.47	2.84	1.87	1.05	.72	.87	1.07	1.35	1.97	2.35	3.75	24.48
P. R.	San Juan	51	4.39	2.68	2.69	3.99	6.07	5.35	5.82	6.11	6.09	6.45	6.42	5.22	60.19

¹ Through 1942.

Source: Department of Commerce, Weather Bureau; records.

No. 185.—AVERAGE NUMBER OF DAYS WITH 0.01 INCH OR MORE OF PRECIPITATION

[For period of record through 1949]

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	70	10	10	10	8	8	12	15	14	9	6	7	10	119
	Montgomery	77	11	10	10	8	9	11	12	11	9	6	7	10	113
Ariz.	Phoenix	54	4	4	4	2	1	1	5	6	3	2	3	4	39
Ark.	Little Rock	70	10	9	10	10	10	10	9	9	7	6	8	9	107
Calif.	Fresno	62	8	7	7	4	2	1	(0)	(0)	1	3	4	7	44
	Los Angeles	72	6	6	6	4	2	1	(0)	(0)	2	2	3	6	37
	San Francisco	79	11	11	10	6	4	2	(0)	(0)	6	6	5	7	67
Colo.	Denver	78	5	8	9	10	8	9	9	9	8	6	5	6	86
D. C.	Washington	79	11	10	12	11	12	11	11	11	8	9	10	8	124
Fla.	Jacksonville	78	8	8	8	7	9	13	16	15	12	9	7	8	120
	Miami	39	8	6	7	7	11	13	16	15	18	15	10	8	134
Ga.	Atlanta	65	12	11	11	10	9	11	12	12	8	7	8	11	122
Idaho	Boise	10	10	11	9	8	9	7	2	2	3	7	11	11	90
Ill.	Chicago	79	11	10	12	11	12	11	0	9	9	9	10	11	124
Ind.	Indianapolis	77	12	10	13	12	13	11	10	9	8	7	11	12	151
Iowa	Des Moines	71	8	7	9	10	12	11	9	9	7	7	7	8	107
Kans.	Wichita	61	6	6	7	8	11	9	8	9	8	7	7	6	87
Ky.	Louisville	78	12	10	13	12	11	11	15	14	11	7	8	11	124
La.	New Orleans	79	10	9	9	8	13	15	16	14	11	7	8	10	121
Maine	Eastport	77	14	13	14	12	12	12	12	11	11	12	12	14	149
Mass.	Boston	78	12	10	12	11	11	10	10	10	9	9	10	11	126
Mich.	Detroit	79	13	12	13	11	13	11	9	9	10	10	12	13	136
	Sault Ste. Marie	61	18	14	12	11	12	11	10	10	13	14	17	18	169
Minn.	Minneapolis	59	8	7	8	9	12	12	9	9	9	6	8	8	103
Miss.	Vicksburg	77	11	10	10	9	8	10	11	9	7	7	7	10	109
Mo.	Kansas City	61	7	7	9	11	12	11	9	9	7	7	8	9	104
	St. Louis	79	9	9	11	11	12	11	8	8	7	7	7	8	112
Mont.	Helena	70	9	8	8	8	11	12	8	6	7	6	7	8	93
	Miles City	2 50	8	6	8	8	10	11	8	6	6	6	6	7	93
Nebr.	North Platte	75	6	6	6	8	11	10	9	9	6	5	4	5	80
	Omaha	70	6	6	8	10	12	11	9	9	8	7	4	6	97
Nev.	Winnemucca	71	9	9	8	7	7	5	2	2	3	5	6	8	71
N. J.	Atlantic City	70	12	10	12	11	11	10	10	10	8	9	9	10	122
N. Mex.	Albuquerque	57	3	3	3	4	4	3	8	5	6	4	2	3	50
N. Y.	Albany	70	12	11	12	12	12	12	12	11	10	10	11	11	136
	New York	79	12	10	11	11	11	11	11	10	9	9	9	12	128
	Rochester	79	10	17	10	13	13	11	11	10	12	12	15	18	167
N. C.	Asheville	46	11	10	12	11	12	13	15	13	9	7	7	10	131
	Raleigh	63	10	10	11	10	11	11	13	12	8	8	6	7	121
N. Dak.	Bismarck	75	7	7	7	8	10	12	9	8	7	6	6	7	94
Ohio	Cleveland	75	17	16	16	13	13	11	10	9	10	11	14	16	164
Okla.	Oklahoma City	59	6	6	7	8	10	9	6	7	7	7	5	6	84
Oreg.	Portland	78	19	17	17	14	13	10	4	4	8	13	17	19	155
Pa.	Harrisburg	61	11	10	12	11	12	12	11	10	9	9	9	10	126
	Pittsburgh	79	16	14	16	13	13	12	12	13	10	10	12	14	150
S. C.	Charleston	79	10	9	8	8	8	11	13	13	10	6	7	9	113
S. Dak.	Huron	69	7	7	8	9	10	11	9	9	8	6	5	0	95
Tenn.	Nashville	79	12	11	12	11	10	10	11	9	8	7	0	11	121
Tex.	Amarillo	58	4	4	4	6	6	8	8	8	7	6	4	4	73
	El Paso	71	3	3	3	2	2	4	8	5	6	4	3	4	60
	Fort Worth	51	7	7	7	8	9	6	6	6	6	6	6	6	77
	Houston	60	10	9	8	7	7	9	9	9	9	6	8	10	102
Utah	Salt Lake City	76	10	10	10	9	8	5	4	6	5	7	7	11	92
Vt.	Burlington	44	13	12	13	12	13	12	12	11	11	12	13	13	147
Va.	Norfolk	79	11	11	11	10	11	11	11	12	8	8	8	10	124
	Richmond	52	11	10	11	10	12	11	11	11	10	7	8	10	122
Wash.	Seattle	59	18	16	16	13	12	9	5	5	8	13	17	19	151
	Spokane	69	14	12	11	9	8	4	4	4	6	8	12	14	111
W. Va.	Parkersburg	61	15	13	14	13	12	13	12	10	9	9	11	13	144
Wis.	Madison	71	9	8	10	11	12	10	9	10	9	9	9	9	115
Wyo.	Cheyenne	79	6	6	9	10	12	10	11	10	6	6	5	5	96
Alaska	Juneau	6	23	15	19	18	15	17	19	17	22	25	22	22	234
T. H.	Honolulu	40	14	11	13	12	11	12	13	13	13	13	13	14	152
P. R.	San Juan	51	20	14	15	14	16	16	19	20	18	18	19	21	210

1 Less than 1 day.

2 Through 1942.

Source: Department of Commerce, Weather Bureau; records.

NO. 186.—AVERAGE TOTAL SNOW, SLEET AND HAIL, INCHES

[For period of record, through 1949. T denotes trace]

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	69	0.1	0.1	T	T	T	T	T	T	0	0	T	T	0.2
	Montgomery	77	.2	.2	T	T	T	T	T	T	T	T	T	T	.7
Arlz.	Phoenix	54	T	T	T	T	T	T	T	T	T	T	T	T	.7
Ark.	Little Rock	65	1.9	1.3	.5	T	0	0	0	0	0	T	.1	1.0	4.8
Calif.	Fresno	62	T	T	T	T	0	0	0	0	0	T	T	T	.1
	Los Angeles	72	T	T	0	0	0	0	0	0	0	0	T	T	T
	San Francisco	79	T	.1	0	0	0	0	0	0	0	0	0	.1	.2
Colo.	Denver	68	6.0	7.7	10.8	9.5	1.8	0	T	T	.7	4.1	6.6	8.2	55.4
D. O.	Washington	62	6.8	5.9	3.8	4	0	0	0	0	0	.1	.7	2.2	20.4
Fla.	Jacksonville	78	0	0	0	0	0	0	0	0	0	0	0	0	0
	Miami	39	0	0	0	0	T	T	0	0	T	0	T	T	T
Ga.	Atlanta	65	.9	.5	.2	T	T	0	0	0	0	T	T	.3	1.9
Idaho	Boise	110	5.3	6.0	1.3	T	T	0	0	0	0	.1	2.2	4.9	19.8
Ill.	Chicago	65	8.9	8.4	6.0	1.0	.1	T	0	T	T	.1	1.9	6.7	33.1
Ind.	Indianapolis	64	5.7	4.8	3.5	1.7	.1	0	0	0	0	T	1.3	4.6	20.7
Iowa	Des Moines	65	8.9	7.0	5.7	1.0	T	0	0	0	T	.3	2.2	7.1	32.2
Kans.	Wichita	61	4.4	3.7	2.9	.4	0	0	0	0	0	.1	.9	2.9	14.3
Ky.	Louisville	65	4.0	3.7	2.1	.2	T	0	0	0	0	.1	.4	3.0	13.5
La.	New Orleans	79	.1	.1	T	0	0	0	0	0	0	0	0	T	.2
Maine	Eastport	65	16.4	17.9	13.0	6.7	.2	0	0	0	0	.2	4.0	12.2	70.6
Mass.	Boston	79	12.1	12.5	7.2	1.9	T	0	0	0	0	T	1.6	7.7	43.0
Mich.	Detroit	64	10.0	9.3	6.8	1.9	.1	0	T	0	0	.1	2.6	8.3	39.1
	Sault Ste. Marie	61	10.0	14.0	10.3	3.5	.7	0	T	0	T	2.3	12.9	19.1	81.8
Minn.	Minneapolis	59	8.9	7.8	8.0	3.3	.3	T	0	T	T	.5	4.7	7.3	40.8
Miss.	Kicksburg	65	1.0	.4	T	T	T	T	0	T	T	0	T	T	.7
Mo.	Kansas City	61	4.8	5.6	4.0	.9	T	0	0	0	0	.2	1.3	4.0	20.8
	St. Louis	66	4.4	5.0	3.6	.4	.1	0	0	0	0	0	.8	3.4	17.7
Mont.	Helena	70	10.0	8.2	9.1	5.1	1.8	T	0	T	1.0	3.8	6.5	8.7	54.2
	Miles City	40	6.2	4.2	6.8	2.2	1.7	0	0	0	.1	1.5	3.8	5.7	32.2
Nebr.	North Platte	66	3.9	4.7	6.7	1.9	.3	0	0	0	0	1.0	2.8	4.0	25.3
	Omaha	66	6.6	6.8	6.0	.8	.1	0	0	0	0	.5	2.3	5.2	28.3
Nev.	Winnemucca	71	7.7	5.1	4.0	1.6	.5	.1	0	0	0	.5	2.2	6.2	27.9
N. J.	Atlantic City	61	2.0	1.3	1.6	.7	.1	0	0	0	0	T	T	2.8	14.9
N. Mex.	Albuquerque	119	12.8	13.1	9.4	2.0	.1	0	0	0	0	T	1.6	1.4	9.2
N. Y.	Albany	65	7.7	5.7	5.7	1.1	0	0	0	0	0	T	3.3	9.3	50.0
	New York	65	12.8	12.5	9.4	2.0	.1	0	0	0	0	T	1.0	6.4	31.3
	Rochester	46	19.5	19.1	18.0	4.3	0	.2	0	0	0	.4	6.4	16.0	78.7
N. C.	Asheville	46	3.0	8.0	2.4	.2	T	0	T	0	0	.4	.4	2.2	11.4
	Raleigh	63	2.9	2.5	1.2	.2	T	0	T	0	0	T	.2	1.3	7.4
N. Dak.	Bismarck	64	5.8	5.4	7.4	3.1	.7	T	0	T	0	.2	4.9	5.7	34.2
Ohio	Cleveland	90	10.6	10.0	5.6	1.8	T	0	0	0	0	1.2	4.0	9.2	41.4
Okla.	Oklahoma City	59	2.7	1.9	1.3	.1	T	0	0	0	0	T	.3	1.6	7.0
Oreg.	Portland	79	5.5	3.1	.6	.1	T	0	0	0	0	0	.4	2.8	12.5
Pa.	Harrisburg	61	8.9	9.4	6.2	.7	T	0	0	0	0	.1	1.0	5.4	31.7
	Pittsburgh	65	8.7	8.0	5.9	2.9	0	0	0	0	0	T	1.7	6.6	33.0
S. C.	Charleston	69	0	.1	T	0	0	0	0	0	0	0	0	.1	.2
S. Dak.	Huron	68	0.1	5.4	5.9	2.1	T	0	0	0	0	.6	3.5	4.9	28.6
Tenn.	Nashville	65	2.7	2.6	1.4	.4	T	0	0	0	0	T	.6	1.4	2.3
Tex.	Amarillo	58	3.1	5.3	2.7	1.1	T	0	0	0	0	.5	2.7	5.0	25.3
	El Paso	71	1.0	.4	.2	.3	T	T	T	T	T	.5	.3	.6	2.5
	Fort Worth	51	1.1	.5	.4	.4	T	T	T	T	T	.1	.1	.1	.2
	Houston	53	.1	T	T	0	0	0	0	0	0	0	0	.5	.2
Utah	Salt Lake City	65	12.1	10.7	10.2	3.3	.3	T	0	0	T	.8	5.8	11.4	54.5
Vt.	Burlington	66	15.0	14.4	12.9	3.9	.1	0	0	0	0	.3	6.0	11.9	65.1
Va.	Norfolk	59	2.9	2.8	1.7	.3	0	0	0	0	0	0	.1	1.9	9.0
	Richmond	57	3.7	3.4	2.2	.3	0	0	0	0	0	0	.4	1.7	12.4
Wash.	Seattle	65	11.1	8.2	2.8	.4	0	T	0	0	0	T	.9	2.5	30.2
	Spokane	35	11.1	8.2	2.8	.4	T	0	0	0	0	.1	4.4	9.2	36.2
W. Va.	Parkersburg	66	6.8	6.6	4.2	.1	T	0	0	0	0	.1	1.1	4.7	24.3
Wis.	Madison	86	9.6	7.9	7.8	1.9	.1	0	0	0	0	.3	3.0	7.1	37.7
Wyo.	Cheyenne	66	5.4	7.8	11.3	11.5	8.6	.4	T	T	.7	4.0	5.8	6.1	56.6
Alaska	Juneau	16	19.0	16.2	14.5	5.6	.1	0	0	0	0	.4	10.3	17.9	84.0
T. H.	Honolulu	45	0	0	0	0	0	0	0	0	0	0	0	0	0
P. R.	San Juan	51	0	0	0	0	0	0	0	0	0	0	0	0	0

1 Airport data only.

2 Through 1942.

Source: Department of Commerce, Weather Bureau; records.

No. 187.—AVERAGE PERCENTAGE OF POSSIBLE SUNSHINE

[For period of record through 1949]

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile.	44	51	54	60	67	71	68	60	63	65	70	62	46	61
	Montgomery.	30	51	54	61	68	73	72	65	68	68	70	64	47	63
Ariz.	Phoenix.	54	75	78	81	87	92	93	83	83	88	88	88	75	85
Ark.	Little Rock.	56	47	52	58	63	66	72	72	73	71	69	57	47	62
Calif.	Fresno.	52	45	62	71	82	88	94	97	96	92	86	73	47	80
	Los Angeles.	53	70	68	69	68	64	69	78	80	78	75	79	72	72
	San Francisco.	59	53	57	63	71	70	75	69	63	70	70	63	54	66
Colo.	Denver.	50	67	66	64	63	61	60	68	67	71	70	67	65	67
D. C.	Washington.	56	46	54	56	58	61	63	64	62	61	61	53	46	57
Fla.	Jacksonville.	52	57	59	67	72	71	63	62	63	60	59	62	53	62
	Miami.	38	65	72	73	73	67	61	65	67	62	63	64	64	66
Ga.	Atlanta.	54	50	52	60	66	71	70	63	61	67	69	62	48	62
Idaho.	Boise.	10	45	47	59	64	64	71	86	85	77	61	38	36	61
Ill.	Chicago.	56	45	49	53	58	63	69	74	70	65	60	46	41	59
Ind.	Indianapolis.	46	42	46	49	56	62	68	73	68	68	62	49	39	57
Iowa.	Des Moines.	57	54	56	56	58	61	65	74	68	64	62	51	48	60
Kans.	Wichita.	37	61	63	64	64	67	73	81	78	73	68	66	57	68
Ky.	Louisville.	56	42	47	52	57	64	69	72	70	68	65	51	39	58
La.	New Orleans.	50	49	50	57	63	66	65	58	59	64	69	60	46	50
Maine.	Eastport.	57	45	51	52	52	51	53	55	57	54	50	37	40	50
Mass.	Boston.	57	48	56	58	57	59	62	63	63	61	58	48	48	57
Mich.	Detroit.	50	34	42	49	52	58	64	69	66	61	53	35	29	52
	Sault Ste. Marie.	43	27	45	56	54	56	61	64	58	46	36	21	21	45
Minn.	Minneapolis.	35	50	54	66	58	60	64	73	70	60	53	39	40	56
Miss.	Vicksburg.	56	46	49	57	64	69	73	69	72	74	71	60	44	62
Mo.	Kansas City.	59	56	57	60	60	64	70	77	74	69	67	59	51	64
	St. Louis.	58	48	50	55	59	64	67	71	68	67	64	54	44	59
Mont.	Helena.	56	46	54	58	59	58	62	76	74	63	56	47	43	58
	Miles City.	19	61	60	58	62	67	69	80	70	69	60	53	52	63
Nebr.	North Platte.	43	64	65	64	63	65	73	80	76	72	70	63	58	69
	Omaha.	53	56	58	57	60	63	68	76	70	66	65	54	50	61
Nev.	Winnemucca.	44	55	58	64	70	74	81	96	90	85	74	62	54	73
N. J.	Atlantic City.	53	61	57	58	60	63	63	66	65	65	64	58	52	60
N. Mex.	Albuquerque.	19	70	70	73	75	80	84	79	76	78	79	80	70	76
N. Y.	Albany.	53	41	51	53	54	57	62	63	61	58	53	39	39	53
	New York.	56	52	59	59	61	61	63	64	63	63	62	55	52	60
	Rochester.	37	32	41	40	54	61	67	69	66	60	50	31	25	60
N. C.	Asheville.	46	48	52	56	61	63	62	58	57	60	64	59	47	57
	Raleigh.	53	49	56	59	64	67	65	61	61	64	65	61	52	60
N. Dak.	Bismarck.	55	51	58	55	57	58	61	73	69	62	58	40	48	58
Ohio	Cleveland.	52	29	36	46	53	61	67	71	67	62	52	32	24	51
Okl.	Oklahoma City.	32	57	59	62	64	65	73	78	73	74	67	63	58	66
Oreg.	Portland.	59	28	33	41	49	53	56	70	66	54	42	28	24	48
Pa.	Harrisburg.	51	43	52	55	58	62	64	67	63	62	58	47	43	57
	Pittsburgh.	53	32	38	45	50	58	62	62	62	62	54	39	29	49
S. C.	Charleston.	53	55	59	65	72	73	69	65	66	67	69	68	56	66
S. Dak.	Huron.	52	55	62	60	62	64	68	76	72	65	60	51	50	62
Tenn.	Nashville.	53	43	47	54	61	66	69	68	68	68	65	54	42	59
Tex.	Amarillo.	44	74	75	77	77	78	84	80	82	78	74	77	72	77
	El Paso.	43	72	76	81	85	87	87	78	77	79	81	79	72	80
	Fort Worth.	29	56	57	65	66	67	75	78	73	74	70	63	56	67
	Houston.	40	49	48	53	57	64	70	69	60	67	66	56	43	59
Utah	Salt Lake City.	64	46	50	58	67	70	78	80	78	78	69	58	46	65
Vt.	Burlington.	44	34	44	49	47	52	59	62	59	51	42	26	25	46
Va.	Norfolk.	50	49	57	60	63	66	65	65	60	63	65	60	51	61
	Richmond.	47	49	56	59	62	67	65	65	62	63	64	59	49	60
Wash.	Seattle.	54	26	35	44	50	52	53	64	59	50	34	24	22	43
	Spokane.	52	27	41	54	63	64	68	82	79	68	53	28	22	54
W. Va.	Parkersburg.	52	30	36	42	50	55	60	63	59	59	52	36	29	48
Wis.	Madison.	45	48	48	51	54	56	62	70	65	57	53	39	36	53
Wyo.	Cheyenne.	53	66	66	65	61	59	68	70	68	69	68	66	63	66
Alaska	Juneau.	6	17	34	33	36	40	38	21	32	21	14	18	17	26
T. H.	Honolulu.	40	62	64	60	62	64	66	67	70	70	68	63	60	65
P. R.	San Juan.	51	64	69	70	65	59	62	64	66	61	63	62	65	64

1 Through 1942.

Source: Department of Commerce, Weather Bureau; records.

No. 188.—AVERAGE HOURLY WIND VELOCITY

[For period of record through 1949. True velocities]

STATION	Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala. Mobile	86	9.9	9.9	10.4	9.9	9.2	8.3	7.9	7.4	8.3	8.7	9.4	9.7	9.0
Montgomery	77	7.6	7.8	8.0	7.4	6.6	6.3	6.1	5.8	6.3	6.5	6.8	7.1	6.9
Arlz. Phoenix	54	5.3	5.7	6.3	6.5	6.5	6.4	6.4	5.9	5.7	5.4	5.2	5.1	5.9
Ark. Little Rock	70	8.2	8.8	8.7	8.9	7.6	6.7	6.3	6.0	6.2	6.6	7.7	8.0	7.5
Calif. Fresno	62	5.3	5.8	6.4	7.4	8.4	8.6	7.9	7.4	6.6	5.6	4.9	5.0	6.6
Los Angeles	72	6.3	6.5	6.5	6.4	6.2	6.0	5.8	5.7	5.6	5.7	6.0	6.4	6.1
San Francisco	60	7.4	7.7	8.6	9.7	10.5	11.2	11.5	10.9	9.3	7.8	6.9	7.1	9.0
Colo. Denver	76	7.6	7.6	8.2	8.3	7.7	7.4	6.9	6.7	6.7	7.0	7.3	7.2	7.4
D. C. Washington	18	7.6	8.5	8.6	8.3	7.0	6.3	5.8	5.7	5.8	6.2	7.3	7.3	7.0
Fla. Jacksonville	78	8.9	9.4	9.6	9.5	8.9	8.5	8.4	8.1	8.4	9.0	8.8	8.7	8.8
Miami	39	10.4	10.6	11.0	10.9	9.9	8.9	8.6	8.6	8.4	10.3	11.2	10.1	10.0
Ga. Atlanta	69	11.7	12.1	11.9	10.3	9.2	8.2	7.8	7.4	8.3	9.6	10.7	11.1	9.9
Idaho. Boise	10	8.4	10.1	11.0	10.9	10.0	9.9	9.2	9.2	9.2	9.5	9.1	9.1	9.6
Ill. Chicago	34	11.8	11.8	12.5	12.1	10.6	9.7	8.9	8.9	9.7	10.3	11.8	11.4	10.8
Ind. Indianapolis	46	11.4	11.5	11.9	11.5	10.4	9.4	8.7	8.3	9.1	9.8	11.0	11.0	10.3
Iowa. Des Moines	18	10.2	10.6	11.2	11.4	9.9	9.4	8.1	8.0	8.7	9.1	10.2	9.8	9.7
Kans. Wichita	38	12.3	13.1	14.7	14.5	13.0	12.6	11.4	11.2	12.4	12.2	12.6	11.9	12.7
Ky. Louisville	77	9.9	10.4	10.8	9.9	8.5	7.7	7.0	6.7	7.1	7.8	9.2	9.5	8.7
La. New Orleans	79	8.5	8.8	8.9	8.5	7.6	6.9	6.5	6.5	7.5	7.8	8.1	8.3	7.8
Maine. Newport	66	13.5	13.3	12.6	11.4	9.7	8.4	7.5	7.4	8.0	10.7	12.3	12.7	10.7
Mass. Boston	60	12.4	12.7	12.9	12.1	11.2	10.7	10.3	9.9	10.5	11.2	12.0	12.2	11.5
Mich. Detroit	68	11.9	11.8	11.8	11.4	10.2	9.5	9.1	8.8	9.5	10.2	11.7	11.8	10.6
Sault Ste. Marie	61	9.0	9.1	9.9	9.7	9.0	7.6	7.2	7.1	7.9	8.9	9.9	9.4	8.7
Minn. Minneapolis	58	11.2	11.5	12.2	12.6	11.8	10.5	9.7	9.7	10.9	11.5	11.5	11.1	11.2
Miss. Vicksburg	70	8.4	8.6	8.9	8.3	7.3	6.7	6.3	6.1	6.6	6.9	7.6	8.0	7.5
Mo. Kansas City	18	10.4	10.9	12.0	11.6	10.0	9.8	8.3	8.6	9.0	9.1	10.6	9.9	10.1
St. Louis	77	11.8	12.0	12.6	12.1	11.0	10.1	8.8	9.0	9.8	10.6	11.8	11.6	11.0
Mont. Helena	70	7.8	7.6	8.4	8.0	8.8	8.5	8.1	7.8	7.8	7.7	7.4	7.2	8.0
Miles City	50	5.6	5.6	6.7	7.6	7.5	6.5	5.9	5.4	5.6	5.7	5.6	5.5	6.1
Nebr. North Platte	75	7.8	8.3	9.7	10.8	9.8	8.9	7.9	7.5	8.1	8.3	8.1	7.7	8.6
Omaha	77	9.7	10.1	10.7	10.3	9.8	8.9	8.0	7.9	8.6	9.0	9.6	9.4	9.4
Nev. Winnemucca	70	8.1	8.6	8.7	8.7	7.9	7.6	7.3	6.9	7.0	7.0	7.6	7.7	7.8
N. J. Atlantic City	28	16.2	16.2	16.0	16.7	15.0	13.9	13.3	13.3	13.9	14.8	15.6	15.3	15.1
N. M. Albuquerque	19	8.0	8.9	10.2	10.5	10.0	9.4	8.5	7.8	7.8	7.4	7.2	7.2	8.0
N. Y. Albany	11	10.0	11.6	11.0	10.9	9.4	8.2	7.2	6.7	7.4	8.3	9.2	9.6	9.1
New York	38	10.7	17.1	16.5	16.0	13.8	13.0	12.2	11.9	12.6	14.3	16.1	16.0	14.7
Rochester	58	10.7	10.8	10.5	9.3	9.0	8.4	8.0	7.5	8.1	8.7	9.8	10.5	9.2
N. C. Asheville	46	9.6	10.1	10.2	9.5	7.8	6.6	6.2	6.1	6.6	7.5	8.9	9.2	8.2
Raleigh	63	7.7	8.3	8.0	8.4	7.2	6.6	6.2	6.0	6.3	6.9	7.3	7.5	7.3
N. Dak. Bismarck	10	10.5	10.4	11.4	12.8	12.7	11.6	9.8	10.1	10.6	10.2	10.7	9.7	10.9
Ohio. Cleveland	44	14.8	14.6	14.5	13.6	12.0	10.9	10.6	10.9	11.9	13.4	14.9	14.6	13.1
Okla. Oklahoma City	59	11.2	12.1	13.2	13.0	11.6	10.6	9.3	8.9	9.8	10.3	11.1	11.0	11.0
Oreg. Portland	78	7.3	7.3	7.2	7.0	6.8	6.7	6.8	6.3	6.2	6.0	6.9	7.3	6.8
Pa. Harrisburg	61	7.8	8.5	8.7	8.4	7.0	6.2	5.8	5.4	5.7	6.3	7.3	7.5	7.1
Pittsburgh	46	11.7	11.8	12.1	11.5	10.0	9.3	8.7	8.4	8.9	9.7	11.2	11.4	10.4
S. C. Charleston	18	10.0	10.7	11.1	11.0	10.3	9.9	9.3	9.4	10.1	10.2	10.1	9.9	10.0
S. Dak. Huron	68	10.8	11.1	11.9	13.0	12.1	10.9	9.9	9.5	11.0	11.0	10.8	10.3	11.2
Tenn. Nashville	41	9.7	10.1	10.6	10.4	8.8	7.9	7.2	6.9	7.4	8.0	9.2	9.4	8.8
Tex. Amarillo	58	12.1	12.9	14.1	14.5	13.4	13.1	11.3	10.7	12.0	12.2	11.7	11.4	12.5
El Paso	71	8.6	10.0	11.2	11.4	10.8	9.6	8.5	7.9	7.9	8.0	8.3	8.5	9.2
Fort Worth	50	10.5	11.2	12.2	12.3	11.0	10.6	9.4	9.3	9.0	9.5	10.0	10.0	10.4
Houston	40	10.5	10.8	11.6	11.5	10.5	9.5	8.4	8.4	8.8	9.5	10.3	10.3	10.0
Utah. Salt Lake City	32	6.6	7.1	8.0	8.5	8.6	8.4	8.1	7.8	8.0	7.4	6.6	6.3	7.6
Vt. Burlington	44	11.8	10.9	11.1	10.8	9.6	8.6	8.2	8.2	9.0	10.4	11.8	11.5	10.2
Va. Norfolk	37	12.1	12.3	13.0	12.4	11.1	10.3	9.8	9.6	10.2	10.9	11.5	11.5	11.2
Richmond	52	8.2	8.5	9.2	8.7	7.3	6.6	6.4	6.2	6.3	6.9	7.5	7.7	7.5
Wash. Seattle	17	9.6	9.6	9.9	9.3	8.8	8.4	7.9	7.3	7.5	8.4	9.3	10.4	8.9
Spokane	69	6.1	6.4	7.3	7.4	7.3	7.2	6.7	6.1	6.1	5.9	6.1	6.3	6.6
W. Va. Parkersburg	61	7.3	7.8	7.0	7.4	6.1	5.5	5.2	4.9	5.1	5.6	6.7	6.9	6.4
Wis. Madison	71	9.9	10.3	10.9	10.9	9.5	8.1	7.5	7.4	8.6	9.5	10.7	10.2	9.5
Wyo. Cheyenne	78	13.8	13.2	13.3	12.3	11.1	10.1	8.9	8.6	9.5	10.6	12.1	12.9	11.4
Alaska. Juneau	16	9.5	7.8	9.7	8.4	7.2	7.4	7.8	7.2	8.4	10.1	8.7	9.5	8.4
T. H. Honolulu	22	9.3	9.0	9.7	10.3	9.9	9.3	10.0	9.9	9.1	8.7	9.0	9.3	9.5
P. R. San Juan	50	12.5	12.0	12.7	12.3	11.3	12.1	13.4	12.2	9.6	8.3	9.7	11.7	11.6

1 Airport data only.

2 Through 1942.

Source: Department of Commerce, Weather Bureau; records.

No. 189.—AVERAGE MONTHLY AND ANNUAL DEGREE DAYS, 65° BASE

[For period of record, through June 1949. (*) denotes less than 1]

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	50	395	308	177	49	3	0	0	0	1	40	202	375	1,550
	Montgomery	60	498	393	244	81	10	(*)	0	0	3	69	275	474	2,047
Ariz.	Phoenix	50	405	261	155	46	6	0	0	0	0	17	170	379	1,430
Ark.	Little Rock	51	700	581	374	142	29	(*)	0	(*)	113	120	302	673	3,130
Calif.	Fresno	62	587	387	208	147	52	5	0	(*)	6	81	312	571	2,446
	Los Angeles	72	300	254	231	162	98	24	1	(*)	6	51	130	248	1,505
	San Francisco	51	462	343	318	273	255	195	108	182	124	144	247	431	3,172
Colo.	Denver	51	1,031	900	795	512	274	65	8	8	123	409	722	999	5,846
D. C.	Washington	53	924	820	620	338	100	13	0	2	42	245	544	864	4,521
Fla.	Jacksonville	78	296	225	131	36	2	(*)	0	0	(*)	24	138	278	1,130
	Miami	27	54	39	27	4	0	0	0	0	0	(*)	15	36	1,175
Ga.	Atlanta	71	668	548	391	163	35	1	0	0	12	131	392	631	2,972
Idaho	Boise	110	1,185	843	716	441	246	110	4	13	142	397	777	1,021	5,805
Ill.	Chicago	52	1,222	1,082	863	530	261	65	6	7	89	331	715	1,114	6,285
Ind.	Indianapolis	42	1,104	982	751	414	155	22	2	4	105	299	663	1,026	5,487
Iowa	Des Moines	61	1,030	1,136	865	440	177	20	2	7	102	355	784	1,184	6,411
Kans.	Wichita	61	1,022	847	620	282	100	9	0	0	42	220	590	922	4,654
Ky.	Louisville	77	937	704	598	292	91	0	0	1	38	225	560	863	4,404
La.	New Orleans	78	341	248	134	29	1	0	0	0	1	23	150	300	1,227
Maine	Eastport	51	1,353	1,236	1,078	777	530	268	158	146	274	531	839	1,241	8,461
Mass.	Boston	60	1,108	1,025	841	538	245	66	0	0	98	338	647	1,008	5,914
Mich.	Detroit	78	1,230	1,122	956	569	257	55	7	17	121	309	766	1,112	6,620
	Sault Ste. Marie	50	1,576	1,403	1,286	819	493	217	90	108	284	607	964	1,377	9,284
Minn.	Minneapolis	59	1,597	1,379	1,082	580	255	59	8	24	163	484	943	1,414	7,030
Miss.	Vicksburg	50	506	404	241	80	0	(*)	0	0	6	71	263	474	2,054
Mo.	Kansas City	61	1,088	918	672	315	108	2	0	(*)	53	240	613	999	4,078
	St. Louis	48	998	855	607	300	91	8	0	1	38	215	558	925	4,596
Mont.	Helena	48	1,347	1,157	990	639	413	192	43	66	291	596	944	1,252	7,030
	Miles City	48	1,461	1,207	997	545	275	81	7	20	188	510	918	1,342	7,501
Nebr.	North Platte	10	1,277	1,034	908	466	241	60	4	8	141	308	834	1,188	6,528
	Omaha	51	1,283	1,094	818	408	157	23	1	4	85	320	744	1,104	6,101
Nev.	Winnemucca	71	1,149	892	771	535	258	120	11	22	191	503	811	1,078	6,341
N. J.	Atlantic City	48	940	887	750	485	208	37	1	2	30	247	540	807	5,015
N.Mex.	Albuquerque	19	969	726	588	305	87	2	0	0	24	241	733	895	4,400
N. Y.	Albany	43	1,277	1,168	941	559	230	49	4	17	126	410	749	1,144	6,680
	New York	48	1,028	953	771	465	172	30	1	4	50	272	594	940	5,280
	Rochester	51	1,304	1,154	1,029	607	286	73	10	26	132	423	780	1,128	6,901
N. C.	Asheville	19	795	707	509	285	93	10	2	4	42	255	538	777	4,077
	Raleigh	63	707	611	444	209	47	5	0	1	20	103	415	672	3,204
N.Dak.	Bismarck	50	1,705	1,488	1,170	639	339	105	19	43	244	592	1,063	1,529	8,945
Ohio	Cleveland	15	1,203	1,062	909	556	247	50	7	14	105	407	761	1,092	6,413
Okla.	Okla. City	50	852	680	462	190	58	3	0	0	22	148	452	781	3,954
Oreg.	Portland	52	781	615	531	368	233	106	27	28	104	294	530	729	4,355
Pa.	Harrisburg	50	1,070	973	768	426	143	23	1	6	70	310	637	985	5,402
	Pittsburgh	50	1,030	954	746	434	163	27	2	7	68	312	639	967	5,349
S. O.	Charleston	50	443	383	239	81	7	1	0	0	1	45	222	421	1,843
S. Dak.	Huron	20	1,559	1,322	1,030	547	250	60	5	15	166	462	971	1,340	7,723
Tenn.	Nashville	51	780	678	472	216	55	3	(*)	2	20	105	467	741	3,006
Tex.	Amarillo	58	867	740	557	283	105	12	1	2	42	224	535	847	4,215
	El Paso	48	615	432	291	104	14	1	0	0	8	88	396	615	2,532
	Fort Worth	50	593	400	275	95	16	1	0	0	5	71	284	544	2,344
	Houston	50	373	209	146	35	2	0	0	0	1	26	157	330	1,359
Utah	Salt Lake City	50	1,090	864	709	438	196	61	3	4	94	350	705	1,018	5,547
Vt.	Burlington	35	1,460	1,340	1,130	696	345	107	25	52	211	528	875	1,304	8,073
Va.	Norfolk	48	712	650	483	254	62	5	0	9	120	392	668	939	3,904
	Richmond	52	808	720	529	276	70	8	(*)	1	27	191	481	772	3,883
Wash.	Seattle	22	743	619	554	396	249	131	46	48	141	338	547	671	4,483
	Spokane	51	1,154	933	759	493	284	115	21	37	186	486	821	1,067	6,350
W. Va.	Parkersburg	52	955	864	650	358	123	17	1	3	58	279	612	923	4,846
Wis.	Madison	50	1,447	1,266	1,007	584	270	65	8	19	148	454	850	1,207	7,461
Wyo.	Cheyenne	77	1,213	1,070	1,001	711	446	161	34	47	246	590	893	1,136	7,547

1 Airport data only.

2 Through 1942.

Source: Department of Commerce, Weather Bureau; records.

[For period of record through 1950. Eastern standard time. Hours selected to give, for

STATION		Length of rec- ord (yrs.) ¹	JAN.		FEB.		MAR.		APR.		MAY		JUNE	
			7:30	1:30	7:30	1:30	7:30	1:30	7:30	1:30	7:30	1:30	7:30	1:30
			a. m.	p. m.	a. m.	p. m.	a. m.	p. m.	a. m.	p. m.	a. m.	p. m.	a. m.	p. m.
Ala.....	Mobile ²	11	88	83	86	60	87	60	88	58	87	55	80	62
	Montgomery	63	83	81	81	58	80	54	79	52	70	51	81	53
Ariz.....	Phoenix	55	69	39	68	39	61	31	60	23	41	18	37	17
Ark.....	Little Rock	63	80	64	78	61	77	55	77	53	81	57	82	56
Calif.....	Fresno	63	90	73	87	64	85	65	79	43	71	36	60	31
	Los Angeles	61	65	45	72	60	76	49	80	52	85	56	87	56
	San Francisco	52	85	67	84	65	83	61	83	61	85	63	88	65
Colo.....	Denver ²	11	62	48	66	48	66	44	70	41	73	41	72	37
D. C.....	Washington	63	73	50	71	53	72	48	68	45	73	48	75	52
Fla.....	Jacksonville ²	14	60	47	86	52	86	50	85	48	82	48	84	55
	Miami ²	11	88	61	88	55	84	55	82	55	80	58	82	62
Ga.....	Atlanta	63	80	64	78	62	77	55	74	52	74	51	77	53
Idaho.....	Boise ²	11	83	75	84	72	78	58	73	49	72	40	72	44
Ill.....	Chicago	32	81	71	70	68	78	63	75	58	75	58	77	00
Ind.....	Indianapolis ²	12	84	72	83	69	82	62	80	57	82	59	85	00
Iowa.....	Des Moines ²	10	82	71	83	69	84	60	79	55	82	58	85	63
Kans.....	Wichita	62	78	66	77	62	76	58	75	50	79	52	80	54
Ky.....	Louisville	63	77	67	76	63	74	57	71	54	73	54	75	54
La.....	New Orleans	62	85	67	84	64	84	61	83	00	82	59	82	00
Maine.....	Eastport	33	74	69	74	67	76	67	67	69	79	69	82	72
Mass.....	Boston	60	71	59	68	57	69	53	67	53	69	56	71	57
Mich.....	Detroit	62	80	71	79	69	79	63	75	53	73	54	74	55
	Sault Ste. Marie	62	78	75	77	71	79	69	78	61	77	58	81	62
Minn.....	Minneapolis	17	76	67	75	65	78	60	75	51	74	50	78	55
Miss.....	Vicksburg	63	82	66	80	63	79	57	82	57	84	59	85	59
Mo.....	Kansas City	62	78	64	78	59	76	54	74	53	76	54	78	55
	St. Louis	63	77	64	70	61	75	56	73	54	74	55	75	54
Mont.....	Helena	63	68	64	70	62	69	55	68	48	70	45	70	45
	Miles City	48	84	65	84	60	83	56	77	44	74	39	75	41
Nebr.....	North Platte ²	11	84	63	86	63	85	67	82	51	85	50	86	54
	Omaha	62	70	65	76	63	77	57	74	52	76	53	78	54
Nev.....	Winnemucca	62	84	66	82	60	77	45	70	37	68	31	61	28
N. J.....	Atlantic City	60	79	68	77	68	77	60	76	65	78	69	80	71
N. Mex.....	Albuquerque	20	72	50	60	42	59	33	55	28	53	26	49	25
N. Y.....	Albany ²	13	73	62	72	60	76	55	72	50	74	51	76	63
	New York	62	71	61	63	58	69	55	68	53	71	67	74	68
	Rochester ²	10	83	74	84	70	82	62	77	54	77	54	77	53
N. C.....	Asheville	45	82	59	80	55	79	52	77	47	80	48	85	52
	Raleigh ²	10	83	69	78	62	79	49	78	45	81	49	82	52
N. Dak.....	Bismarck	56	73	66	76	65	77	63	79	50	76	47	80	57
Ohio.....	Cleveland	62	77	71	77	69	77	61	74	52	73	55	74	55
Okla.....	Oklahoma City	60	79	62	78	57	76	50	76	50	82	57	82	55
Oreg.....	Portland ²	16	87	81	89	81	88	67	80	67	88	66	87	66
Pa.....	Harrisburg	62	74	61	72	57	71	52	67	50	70	52	73	54
	Pittsburgh	62	77	67	76	67	74	57	72	49	72	51	75	54
S. C.....	Charleston ²	10	88	57	84	51	84	52	84	49	85	63	80	00
S. Dak.....	Huron	62	76	71	77	72	80	70	80	55	78	53	82	58
Tenn.....	Nashville	63	84	66	80	61	77	56	75	51	78	52	70	52
Tex.....	Amarillo	59	72	51	73	47	70	41	70	40	76	47	76	42
	El Paso	62	62	41	55	34	46	27	43	22	30	21	43	23
	Fort Worth	52	79	62	77	60	73	53	78	53	82	56	80	53
	Houston	41	85	66	85	63	85	59	87	59	88	59	88	50
Utah.....	Salt Lake City ²	16	81	72	80	66	74	52	70	42	66	36	63	32
Vt.....	Burlington	44	81	79	81	76	77	72	72	66	70	66	74	67
Va.....	Norfolk	63	79	62	77	56	77	55	74	52	76	55	79	58
	Richmond	63	84	61	78	58	77	64	74	51	76	52	78	55
Wash.....	Seattle ²	11	86	80	88	79	86	71	87	65	87	63	87	04
	Spokane	61	85	79	85	76	81	64	76	54	74	50	72	49
W. Va.....	Parkersburg	60	82	68	81	63	79	56	74	49	74	51	78	56
Wis.....	Madison ²	20	80	71	70	68	81	65	77	54	78	55	80	57
Wyo.....	Cheyenne	62	59	50	63	50	66	50	72	49	75	47	71	44
Alaska.....	Juneau ²	7	82	82	79	79	83	78	85	73	87	70	87	71
T. H.....	Honolulu ²	44	73	65	72	62	70	57	68	58	68	57	67	57
P. R.....	San Juan	51	81	74	80	72	77	72	76	74	77	78	77	78

¹ Length of record is for morning observation.² Airport data only.³ Through 1947.⁴ Hours 8 a. m. and 2 p. m., 150th meridian time.

RELATIVE HUMIDITY

most of country, approximation of average highest and average lowest humidity values]

JULY		AUG.		SEPT.		OCT.		NOV.		DEC.		ANNUAL		STATION
7:30 a. m.	1:30 p. m.	7:30 a. m.	1:30 p. m.	7:30 a. m.	1:30 p. m.	7:30 a. m.	1:30 p. m.	7:30 a. m.	1:30 p. m.	7:30 a. m.	1:30 p. m.	7:30 a. m.	1:30 p. m.	
91	60	91	61	90	62	89	55	86	56	88	65	88	60	Ala.... Mobile. ¹
85	58	87	58	85	54	84	50	83	54	84	61	83	55	Montgomery.
52	30	60	34	56	30	57	20	63	31	60	41	57	30	Ariz.... Phoenix.
83	55	85	55	85	54	83	52	80	58	81	64	81	57	Ark.... Little Rock.
52	27	55	29	63	34	73	42	81	54	90	73	74	47	Calif.... Fresno.
87	53	86	52	81	51	74	47	60	37	61	44	76	40	Los Angeles.
91	70	92	71	88	64	85	59	83	60	83	69	86	65	San Francisco.
70	33	69	33	66	36	64	36	60	40	60	41	67	40	Colo.... Denver. ²
70	53	80	53	81	53	81	51	77	51	74	55	75	52	D. C.... Washington.
86	58	89	60	90	61	91	56	89	55	90	45	87	54	Fla.... Jacksonville. ¹
84	64	86	64	89	67	80	63	88	61	89	62	86	61	Miami. ¹
82	57	84	58	82	55	78	53	77	56	80	64	79	57	Ga.... Atlanta.
53	34	61	33	60	41	68	49	83	70	86	77	72	54	Idaho.... Boise. ¹
76	56	80	58	82	58	80	57	78	64	81	71	79	62	Ill.... Chicago.
85	54	87	54	88	54	87	54	85	66	84	72	84	61	Ind.... Indianapolis. ²
85	56	88	58	86	57	82	54	83	65	83	72	84	62	Iowa.... Des Moines. ²
78	48	78	47	79	47	77	49	78	50	79	65	78	54	Kans.... Wichita.
77	52	80	54	81	54	80	53	77	60	78	63	77	57	Ky.... Louisville.
84	64	85	63	84	62	82	59	83	60	85	67	84	62	La.... New Orleans.
85	75	85	74	84	73	81	70	80	73	77	71	80	71	Maine.... Eastport.
72	56	75	56	76	57	75	53	72	58	72	57	71	56	Mass.... Boston.
73	61	73	53	81	55	82	56	82	65	82	71	78	59	Mich.... Detroit.
84	61	89	62	89	67	87	68	83	76	79	77	82	67	Sault Ste. Marie.
78	50	81	52	83	54	79	55	80	66	78	69	78	58	Minn.... Minneapolis.
87	61	88	60	87	57	84	55	83	55	82	64	84	59	Miss.... Vicksburg.
76	49	78	51	79	52	76	51	75	57	78	64	77	55	Mo.... Kansas City.
73	49	77	52	79	54	76	52	75	59	77	64	76	56	St. Louis.
64	37	63	30	68	40	70	53	70	52	70	66	68	52	Mont.... Helena.
70	34	70	35	75	40	80	46	82	58	83	67	78	49	Miles City.
84	51	87	51	86	50	84	47	85	55	86	63	85	55	Nebr.... North Platte. ²
76	50	80	54	80	52	77	50	77	60	78	64	77	56	Omaha.
47	20	47	20	59	27	67	36	75	50	82	64	68	40	Nev.... Winnemucca.
81	72	82	71	81	70	80	64	79	65	79	67	79	68	N. J.... Atlantic City.
62	33	68	37	66	38	67	37	63	38	71	49	63	36	N. Mex. Albuquerque.
80	53	83	53	87	55	86	54	80	61	76	64	78	56	N. Y.... Albany. ²
75	58	78	60	78	61	75	60	73	61	72	61	73	58	New York.
80	61	85	53	80	55	86	50	83	66	82	71	82	60	Rochester. ¹
88	56	91	58	90	55	87	50	82	51	82	59	84	54	N. C.... Asheville.
88	58	90	57	90	58	90	53	85	50	83	67	84	63	Raleigh. ¹
80	47	81	45	81	48	81	51	79	66	75	34	78	53	N. Dak. Bismarck.
74	52	76	53	77	53	77	55	77	64	77	70	76	50	Ohio.... Cleveland.
80	48	79	48	81	51	79	53	78	55	80	60	79	54	Okla.... Oklahoma City.
85	62	87	65	90	60	93	81	92	84	87	83	80	73	Oreg.... Portland. ¹
75	52	78	53	81	54	79	54	75	55	74	59	74	54	Pa.... Harrisburg.
76	54	80	53	81	51	80	53	77	62	77	60	70	57	Pittsburgh.
89	66	91	63	91	61	91	56	88	52	87	56	87	56	S. C.... Charleston. ²
81	52	83	50	82	53	81	54	80	68	77	73	79	60	S. Dak. Huron.
81	54	84	55	84	52	84	51	81	68	82	63	81	56	Tenn.... Nashville.
75	40	77	42	78	45	76	46	74	46	73	50	74	45	Tex.... Amarillo.
60	34	64	38	63	38	60	36	59	35	63	42	55	33	El Paso.
78	48	77	46	80	50	70	52	78	55	78	60	78	54	Fort Worth.
90	58	90	56	89	58	87	55	84	67	85	65	87	60	Houston.
55	27	55	28	60	32	70	43	79	59	82	69	70	47	Utah.... Salt Lake City. ²
75	69	78	71	81	74	79	74	79	76	81	79	77	73	Vt.... Burlington.
81	62	83	62	82	63	81	60	80	56	79	59	79	58	Va.... Norfolk.
81	57	84	58	85	57	84	54	81	54	82	60	80	56	Richmond.
87	63	89	68	92	73	93	81	91	84	88	85	88	73	Wash.... Seattle. ¹
64	39	63	40	72	49	81	65	86	80	86	83	77	61	Spokane.
80	52	83	67	84	51	84	52	81	57	81	64	80	56	W. Va. Parkersburg.
79	52	84	54	86	58	84	57	83	68	81	73	81	61	Wis.... Madison. ²
70	36	70	35	67	39	65	40	61	44	67	47	67	44	Wyo.... Cheyenne.
89	80	90	80	91	85	88	86	85	84	83	82	86	79	Alaska. Juneau. ¹
68	56	68	57	68	55	69	57	71	61	73	61	70	59	T. H.... Honolulu. ⁴
78	78	78	78	79	76	80	76	81	75	81	74	79	75	P. R.... San Juan.

Source: Department of Commerce, Weather Bureau; records.

7. Public Lands and National Park System

(Sent to print March 6, 1952)

Acquisition of original public domain.—Recognition of its sovereignty over its present continental land area was acquired by the United States Government through a series of international agreements and treaties. The United States, however, did not gain title to all of these lands by such agreements. At the time of acquisition of sovereignty over the areas involved, title to about 463 million acres rested in individual States and their political subdivisions or in private owners, which title was not relinquished to the Federal Government. Title to the remaining 1,442 million acres of land area passed to the United States and, with the exception of lands in the District of Columbia, is known as the *original public domain*. Any of such lands which the Government has not disposed of under the public-land laws, are generally referred to as *public-domain lands* or *public lands*.

In addition to the public domain, the United States Government has from time to time acquired, by purchase, condemnation, and gift, tracts of land needed for various public purposes. Such lands are often referred to as *acquired lands*, to distinguish them from public-domain lands. Complete statistics are not available as to the extent of such acquisitions.

Public-domain lands.—*Public-domain lands* or *public lands*, as used here, refers to those Federally owned lands to which the general body of public land laws apply. (See title 43, Code of Federal Regulations.) In general, it includes 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*. As a general rule, it excludes *acquired lands*, as defined above. The term *Indian lands*, as used in tables 193-195, refers to that portion of the public domain lands that was ceded to the United States by Indian tribes on condition that part or all of the proceeds from their sale or other disposition would be covered into the Treasury 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* which is given to the applicant after he has complied fully with the requirements of the laws relating to his application. These requirements may include, in particular cases, settlement upon and improvement of the lands entered, or payment of statutory fees or purchase money. A *final certificate* passes equitable title to the land to the applicant. *Patents* are instruments which pass legal title to the lands to the applicant. *Certifications* are issued in lieu of patents in connection with certain State selections.

Historical statistics.—See preface and historical appendix. Tabular headnotes (as "See also *Historical Statistics*, series F 1-7") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*.

LANDS IN FEDERAL OWNERSHIP

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No. 191.—LANDS IN FEDERAL OWNERSHIP—ACREAGE, BY STATES: 1949

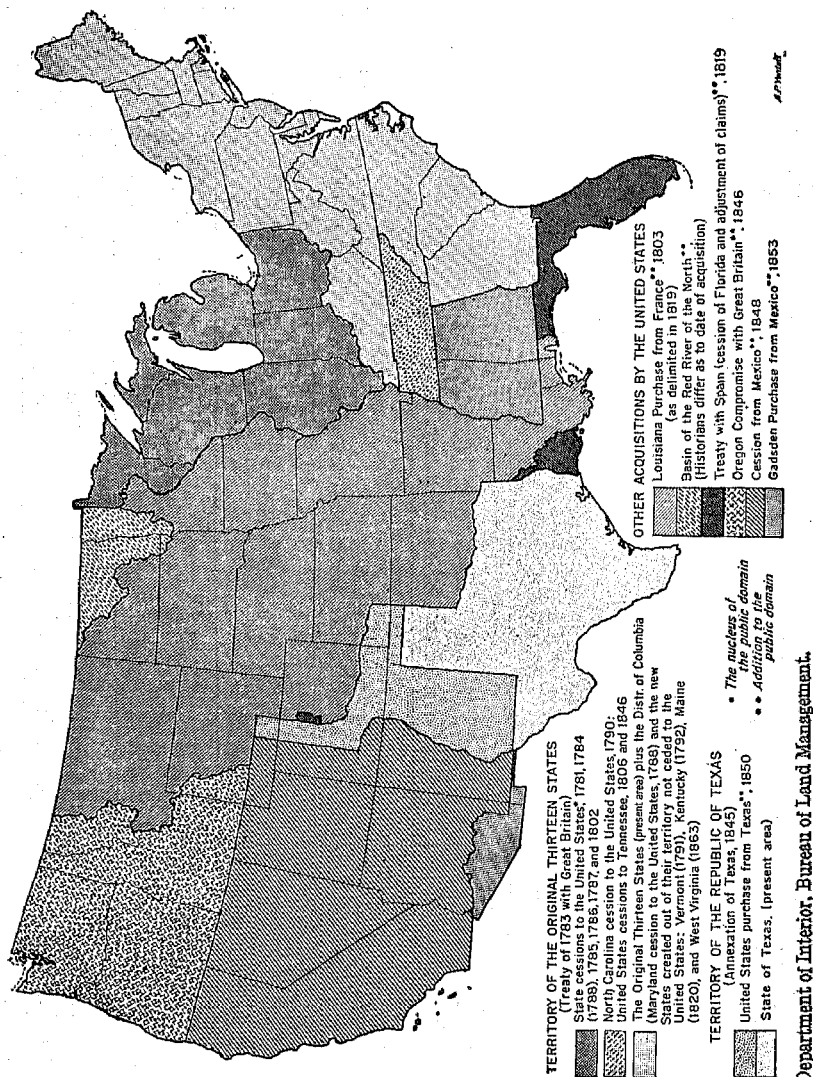
[Submitted by Committee on Public Lands as of September 1950. Compiled from data transmitted by administering agencies during preceding year]

STATE	LAND AREA (ACRES)						
	Total	Under Federal ownership					
		Total	Percent of total area	Administering Agency			
				Dept. of Interior	Dept. of Agriculture	Dept. of Defense	Other
Total	1,905,361,920	455,146,726	23.89	262,155,710	167,656,498	23,104,726	2,229,792
Alabama.....	32,689,920	1,099,722	3.36	29,462	632,369	192,273	245,698
Arizona.....	72,691,200	50,471,920	69.43	36,818,870	11,483,789	2,160,922	8,330
Arkansas.....	83,744,000	3,031,431	3.60	252,074	2,425,437	330,045	23,275
California.....	100,363,920	45,000,187	45.74	23,603,479	10,838,388	2,413,936	44,354
Colorado.....	66,638,880	24,861,005	37.35	10,097,183	14,315,020	312,017	125,585
Connecticut.....	3,135,360	15,714	.50	1	11,832	1,088	2,793
Delaware.....	1,265,920	40,603	3.21	14,022	5,073	20,208	1,210
District of Columbia.....	39,040	13,043	33.41	(1)	(1)	(1)	13,043
Florida.....	34,727,680	2,861,207	8.21	714,427	1,374,683	730,702	31,395
Georgia.....	37,451,520	1,831,198	4.89	886,035	819,700	607,286	17,572
Idaho.....	52,997,120	34,235,000	64.69	12,750,884	20,432,505	1,091,456	4,155
Illinois.....	35,800,080	448,992	1.25	51,490	214,919	150,113	23,470
Indiana.....	23,171,200	336,952	1.45	165	119,111	208,897	8,779
Iowa.....	35,831,040	105,310	.29	27,552	6,097	60,608	1,453
Kansas.....	62,552,320	323,118	.51	50,928	102,737	162,086	6,497
Kentucky.....	25,600,760	946,181	3.69	115,376	450,903	295,435	75,417
Louisiana.....	28,913,280	1,053,101	3.64	231,724	580,719	232,859	7,859
Maine.....	10,865,600	143,131	.72	50,823	67,124	21,326	3,858
Maryland.....	6,327,680	220,392	3.48	30,198	56,534	121,804	20,861
Massachusetts.....	5,060,480	52,671	1.04	9,727	1,708	88,521	2,715
Michigan.....	36,494,080	2,709,428	7.42	260,773	2,399,844	25,717	14,094
Minnesota.....	51,205,760	3,810,665	7.46	1,166,099	2,628,694	28,233	6,545
Mississippi.....	30,348,800	1,484,713	4.89	87,041	1,145,780	204,689	47,104
Missouri.....	44,332,800	1,641,592	3.70	40,932	1,350,659	213,154	36,757
Montana.....	93,642,240	34,213,875	36.54	15,153,859	18,465,197	592,723	2,095
Nebraska.....	49,067,920	735,224	1.50	268,214	364,741	111,364	905
Nevada.....	70,273,280	59,526,959	84.71	50,871,672	5,071,043	3,562,485	21,169
New Hampshire.....	5,775,360	682,600	11.82	40	689,365	12,099	226
New Jersey.....	4,814,080	96,462	2.00	13,999	73	77,126	5,264
New Mexico.....	77,767,040	35,479,713	45.62	22,845,822	9,672,066	2,815,698	146,237
New York.....	30,674,560	358,214	1.17	141,478	32,917	155,434	28,385
North Carolina.....	31,450,880	1,927,562	6.13	442,300	1,118,478	259,287	110,437
North Dakota.....	44,834,560	2,651,898	5.91	1,448,205	1,081,085	127,430	178
Ohio.....	26,318,080	269,156	.98	370	130,436	104,838	23,512
Oklahoma.....	44,341,120	3,891,209	8.78	3,087,162	201,608	487,681	24,768
Oregon.....	61,664,900	32,510,870	52.72	17,494,593	14,866,128	145,881	14,268
Pennsylvania.....	28,828,800	500,522	2.05	4,468	509,693	55,580	20,785
Rhode Island.....	677,120	18,917	2.79	28	10,722	7,320	847
South Carolina.....	10,580,160	12,702	4.66	130,830	642,951	94,167	44,764
South Dakota.....	48,983,040	8,610,766	17.33	6,804,433	1,997,712	293,234	15,887
Tennessee.....	26,855,040	1,040,281	6.13	242,637	647,340	193,895	502,403
Texas.....	168,732,160	2,246,572	1.33	727,004	790,304	528,200	166,068
Utah.....	52,701,440	37,592,044	71.33	27,351,320	7,826,244	2,345,239	6,244
Vermont.....	5,937,920	694,134	11.60	469,977	120,460	13,551	216
Virginia.....	25,635,360	2,078,615	8.14	263,040	1,480,108	320,192	9,275
Washington.....	42,866,280	14,998,087	34.99	4,900,965	9,670,614	187,624	238,874
West Virginia.....	15,417,600	1,280,062	8.35	182	918,971	397,737	2,142
Wisconsin.....	35,017,600	2,243,093	6.41	624,421	1,616,590	97,307	10,626
Wyoming.....	62,403,840	32,207,086	51.61	22,543,791	9,162,902	501,229	9,164

¹ Included under "other."

Source: 81st Cong., 2d sess.; House of Representatives, Report No. 3116. (Printed 1950.)

FIG. VIII.—ACQUISITION OF THE TERRITORY OF CONTINENTAL UNITED STATES AND ORIGIN OF THE PUBLIC DOMAIN
[See table 192]



Source: Department of Interior, Bureau of Land Management.

No. 192.—ACQUISITION AND EXTENT OF PUBLIC DOMAIN, CONTINENTAL UNITED STATES: 1781 to 1951

[See also *Historical Statistics*, series F 1-7]

ITEM	ACQUISITION OF THE ORIGINAL PUBLIC DOMAIN			Estimated area of the public domain (selected years) ¹
	Total area	Land area	Water area	
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Aggregate, 1951.....	1,462,466,500	1,442,200,320	20,266,240	412,000,000
1912, estimate of public domain.....				600,000,000
1880, estimate of public domain.....				800,000,000
1855, Gadsden Purchase.....	18,988,800	18,061,920	20,880	
1850, estimate of public domain.....				1,200,000,000
1850, Purchase from Texas.....	78,920,720	78,842,880	83,840	
1848, Mexican Cession ²	338,680,960	334,479,360	4,201,600	
1846, Oregon Compromise.....	183,880,240	180,644,480	2,741,760	
1819, Cession from Spain.....	40,144,640	48,342,720	³ 2,801,920	
Red River Basin ⁴	29,601,920	29,063,880	538,040	
1803, Louisiana Purchase ²	629,911,680	623,446,400	6,465,280	
1802, estimate of public domain.....				800,000,000
1781-1802 (State Cessions).....	236,825,600	233,415,680	3,409,920	

¹ Estimated from imperfect data available for indicated years.² Data for Louisiana Purchase exclude area eliminated by Treaty of 1819 with Spain. Such areas are included in figures for Mexican Cession.³ Includes 33,920 acres subsequently recognized as part of State of Texas which is not a public domain State.⁴ 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. 193.—DISPOSAL OF PUBLIC LANDS: 1861 to 1951

[For years ending June 30. Data include Alaska except where noted. Period figures are totals, not averages. See also *Historical Statistics*, series F 8-10]

PERIOD OR YEAR	Cash receipts of Bureau of Land Management ¹	Land granted to States ²	ALL ENTRIES, SELECTIONS, PATENTS, ETC. ³			HOMESTEAD ENTRIES, EXCEPT ON CEDED INDIAN LANDS		
			All original entries and selections ⁴	All final entries	Patents and certifications	Original entries		Final entries ⁵
						Number	Acreage	
	<i>1,000 dollars</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 acres</i>
1861-1870.....	13,324	17,657	⁶ 13,341			142,210	16,031	1,370
1871-1880.....	17,606	3,842	62,202			327,612	39,735	17,887
1881-1890.....	99,269	28,367	190,697			407,083	60,773	28,981
1891-1900.....	33,492	14,201	106,299			456,943	62,767	31,878
1901-1910.....	94,095	20,300	196,841			831,841	130,737	38,819
1911-1920.....	67,025	6	186,402	⁷ 9,778	⁷ 13,327	554,026	123,826	74,316
1921-1930.....	104,453	409	61,281	46,513	66,358	172,503	53,460	40,301
1931-1935.....	21,659	275	18,232	6,847	8,977	41,010	15,266	6,234
1936-1940.....	38,607	203	1,037	7,396	9,373	2,044	658	6,783
1941-1945.....	58,428		1,404	1,067	3,350	1,233	160	764
1946-1950.....	141,404		496	436	1,726	2,466	306	166
1948.....	33,286		117	66	287	635	78	18
1949.....	37,149		134	116	390	681	82	37
1950.....	36,177		142	160	492	523	73	46
1951.....	49,082		121	198	388	363	49	93

¹ Includes 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 period prior to 1861, receipts were \$177,230,000.² As of June 30, 1951, process of legal adjudication had not yet been completed for all grants and small changes in data for certain years may occur. For period 1802-60, total land granted to States was 96,977,000 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 lost to States, for which States received indemnity in cash. Excludes data for Alaska and also 10,000 acres which is due to breakage and "less than" items.³ Includes homesteads. ⁴ Includes some classes of final entries and patents prior to 1911.⁵ Excludes commuted homesteads. ⁶ 1868-1870 only.⁷ 1920 only.

Source: Department of Interior, Bureau of Land Management; annual report of the Director, and records.

NO. 194.—PUBLIC AND INDIAN LAND, ENTRIES UNDER ALL ACTS—ACREAGE, BY STATES AND FOR ALASKA: 1936 TO 1951

[For years ending June 30. See general note p. 162. For grand totals for earlier years, see *Historical Statistics*, series F 11-13]

CLASS AND STATE	ORIGINAL ENTRIES							Final entries, 1951	Patented, 1951
	1936-40, total	1941-45, total	1946-50, total	1948	1949	1950	1951		
Total	1, 036, 849	404, 409	496, 287	116, 652	133, 773	142, 273	120, 774	197, 947	388, 428
Public land.....	987, 684	400, 230	480, 487	108, 533	133, 402	135, 043	113, 078	197, 047	388, 428
Indian land.....	49, 165	4, 109	15, 800	8, 110	371	7, 230	7, 096		
All homesteads.....	708, 410	162, 736	321, 638	85, 734	82, 712	79, 840	56, 209	70, 830	63, 424
Stock-raising homesteads.....	472, 920	25, 488	3, 192	640	640		1, 233	923	860
Other entries.....	328, 439	241, 673	174, 649	30, 918	51, 061	62, 433	64, 565	127, 117	325, 004
Alaska.....	59, 034	66, 695	171, 810	54, 514	42, 269	29, 859	18, 144	22, 041	24, 505
Arizona.....	80, 874	25, 157	43, 832	11, 453	13, 542	7, 724	4, 723	13, 038	64, 468
California.....	1 209, 420	89, 631	59, 572	10, 320	22, 150	15, 093	23, 574	32, 642	42, 448
Colorado.....	107, 578	10, 209	45, 484	6, 036	21, 637	10, 424	8, 820	17, 870	30, 466
Idaho.....	57, 488	21, 573	32, 543	9, 090	8, 897	10, 905	23, 988	16, 759	21, 298
Montana.....	84, 619	20, 929	1, 802	263	504	200	640	28, 128	29, 038
Nevada.....	2, 831	7, 851	6, 990	200	2, 280	3, 675	6, 985	1, 834	21, 143
New Mexico.....	176, 942	33, 435	4, 733	1, 452	1, 231	162	1, 156	12, 156	48, 116
North Dakota.....	1, 860	870						741	947
Oregon.....	53, 878	5, 136	2, 088	630	120	913	160	4, 640	10, 556
South Dakota.....	7, 735	550	151	14				2, 869	3, 026
Utah.....	27, 091	66, 089	71, 966	6, 617	18, 046	39, 721	19, 707	13, 037	46, 267
Washington.....	3, 333	760	5, 104	1, 144	641	1, 435	730	5, 035	4, 722
Wyoming.....	138, 074	9, 880	47, 175	14, 152	1, 824	21, 186	9, 017	11, 204	18, 097
Other States.....	26, 086	12, 088	3, 146	160	732	976	2, 130	14, 448	10, 431

¹ Includes 150,749 acres acquired by the State of California for State park purposes under act of June 20, 1936.

Source: Department of the Interior, Bureau of Land Management; annual report of the Director.

NO. 195.—PUBLIC AND INDIAN LAND, ENTRIES AND PATENTS—ACREAGE: 1950 AND 1951

[For years ending June 30. Data include Alaska. For grand totals for earlier years, see *Historical Statistics*, series F 11-13]

CLASS	1950			1951		
	Original entries	Final entries	Patented entries	Original entries	Final entries	Patented entries
Total	142, 273	149, 548	492, 414	120, 774	197, 947	388, 428
Homesteads.....	79, 840	49, 392	56, 498	56, 209	70, 830	63, 424
Stockraising.....		1, 024	3, 483		1, 233	860
Enlarged.....	18, 082	440	1, 098	16, 202	1, 916	2, 076
Reclamation.....	21, 143	10, 369	18, 543	12, 226	41, 340	31, 250
Forest.....	183	233	625	293	249	416
Commuted.....		1, 567	1, 660		2, 874	2, 482
Sec. 2289, original act, et al.....	39, 832	26, 169	30, 180	26, 255	23, 528	26, 332
Deserts.....	26, 634	9, 888	6, 820	44, 686	10, 593	11, 760
Public auction.....		61, 898	65, 054		101, 086	99, 009
Timber and stone.....	40	40	120			40
State selection.....	26, 312		1 28, 557	7, 387		1 28, 668
Mineral.....	9, 248		26, 946	7, 377	12, 800	22, 367
Exchange.....		22, 986	254, 130			152, 647
Miscellaneous.....		5, 344	54, 289	5, 115	2, 038	10, 514

¹ Includes certifications: 1950, 23,551 acres; 1951, 26,111 acres.

Source: Department of the Interior, Bureau of Land Management; annual report of the Director.

HOMESTEAD ENTRIES

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No. 196.—PUBLIC LAND, HOMESTEAD ENTRIES—ACREAGE, BY STATES AND FOR ALASKA: 1931 TO 1951

[For years ending June 30. See general note, p. 162. See also *Historical Statistics*, series F 15 and 16]

ITEM AND STATE	ALL HOMESTEADS							
	1931-1935, total	1936-1940, total	1941-1945, total	1946-1950, total	1948	1949	1950	1951
Original entries, total.....	15, 266, 771	659, 350	168, 567	305, 839	77, 615	82, 341	72, 610	48, 513
Alaska.....	38, 050	58, 718	59, 559	171, 750	54, 515	42, 200	29, 859	18, 144
Arizona.....	1, 124, 034	39, 910	8, 199	8, 134	1, 700	5, 627	162	1, 808
Arkansas.....	¹ 43, 298	(2)						
California.....	909, 620	29, 127	2, 391	25, 064	4, 693	10, 070	922	200
Colorado.....	1, 028, 298	58, 501	7, 538	10, 503	1, 987	972	4, 710	3, 387
Florida.....	¹ 0, 554	(2)						
Idaho.....	694, 481	56, 767	16, 020	15, 625	4, 817	6, 603	1, 877	3, 465
Minnesota.....	¹ 4, 947	(2)						
Montana.....	¹ 1, 384, 188	84, 102	17, 871	644	100	204	160	640
Nebraska.....	¹ 17, 468	(2)						
Nevada.....	97, 670	1, 832	1, 812	2, 314	160	1, 080	914	507
New Mexico.....	4, 387, 629	94, 337	13, 817	1, 378	80	754	102	978
North Dakota.....	79, 152	1, 800	875					
Oregon.....	561, 227	50, 993	3, 373	1, 898	480	120	913	
South Dakota.....	220, 963	7, 695						
Utah.....	609, 755	26, 811	12, 650	32, 981	2, 235	11, 787	18, 278	16, 565
Washington.....	67, 354	2, 733	320	2, 435	909	201	61	332
Wyoming.....	3, 894, 074	125, 425	2, 694	30, 077	5, 720	1, 262	13, 050	403
Bureau of Land Management ²	94, 395	20, 579	11, 453	3, 026	160	732	936	2, 084
Final entries ⁴.....	6, 233, 399	6, 783, 129	764, 204	156, 904	18, 463	36, 069	46, 127	63, 129

¹ 1931 to 1933.

² Entries, if any, included with Bureau of Land Management, for States no longer having local offices.

³ Includes entries of abandoned military reservations.

⁴ Excludes commuted homesteads.

Source: Department of the Interior, Bureau of Land Management; annual report of the Director.

No. 197.—GRAZING DISTRICTS—ACREAGE AS OF JUNE 30, 1951; PERMITTED OPERATORS AND USE, FOR FISCAL YEAR 1951

STATE	Area ¹ (acres)	Operators (number)	ANIMAL-UNITS-MONTHS OF USE	
			Livestock	Wildlife
Total.....	160, 668, 987	19, 876	14, 331, 032	1, 172, 132
Arizona.....	12, 871, 878	648	532, 570	19, 374
California.....	4, 294, 484	441	531, 360	82, 161
Colorado.....	8, 079, 419	2, 013	969, 108	248, 519
Idaho.....	13, 118, 567	2, 900	1, 516, 634	144, 370
Montana.....	5, 921, 283	2, 859	934, 808	61, 028
Nevada.....	47, 265, 728	1, 087	2, 231, 284	159, 306
New Mexico.....	15, 257, 389	3, 883	1, 990, 769	53, 744
Oregon.....	13, 307, 333	1, 330	1, 181, 548	120, 146
Utah.....	26, 125, 307	3, 854	2, 594, 137	181, 137
Wyoming.....	14, 427, 599	1, 361	1, 928, 754	102, 347

¹ Includes vacant public lands within grazing districts, and other federally reserved lands and private lands administered by Bureau of Land Management, by agreement or lease, pursuant to Pierce Act.

Source: Department of the Interior, Bureau of Land Management; annual report of the Director.

No. 198.—RECEIPTS UNDER MINERAL LEASING ACT OF FEB. 25, 1920, THROUGH 1951, AND MINERAL LEASES IN FORCE AS OF JUNE 30, 1951, BY STATES, AND FOR ALASKA

[All money figures in thousands of dollars. Excludes leasing activities of agencies other than Bureau of Land Management. Receipts under all mineral-leasing acts administered by Bureau of Land Management amounted to \$38,453,007 in 1951, including those shown here]

STATE	RECEIPTS (YEARS ENDING JUNE 30)							LEASES IN FORCE JUNE 30, 1951 ¹	
	Total	1920-46, total	1947	1948	1949	1950	1951	Number	Acres
Total	302,682	172,317	15,122	24,351	28,971	26,971	34,951	40,926	31,681,991
Alabama.....	212	209	(²)	(²)	1	(²)	1	12	1,250
Alaska.....	12	1		1		4	7	41	84,070
Arizona.....	222	29	13	13	52	30	85	513	292,753
Arkansas.....	5	2	1	1	1	1	(²)	17	3,022
California.....	60,625	56,334	4,730	6,631	7,545	7,416	7,060	3,582	1,840,720
Colorado.....	22,291	3,705	1,837	3,233	4,206	4,180	5,068	3,520	3,063,028
Florida.....	(²)			(²)	(²)			3	400
Idaho.....	524	52	46	11	201	96	118	371	470,471
Illinois.....	(²)	(²)						3	120
Kansas.....	372	108	10	26	38	45	141	72	34,220
Louisiana.....	826	696	28	27	32	23	24	121	18,401
Michigan.....	22	9	(²)	2	5	2	3	6	4,140
Mississippi.....	8	(²)	1	(²)	1	2	3	3	100
Montana.....	10,630	5,207	750	857	1,145	1,257	1,314	3,130	2,307,793
Nebraska.....	14	1	(²)	(²)	(²)	7	6	139	24,847
Nevada.....	1,254	62	20	20	17	480	650	4,104	2,307,954
New Mexico.....	31,270	13,185	2,100	3,783	3,833	3,616	4,703	5,772	5,195,573
North Dakota.....	847	624	27	32	4	33	120	163	44,530
Oklahoma.....	190	30	6	10	17	66	70	430	107,395
Oregon.....	28	6	2	(²)	9	2	9	20	35,074
South Dakota.....	202	68	7	10	9	56	60	273	274,865
Utah.....	7,830	3,236	559	661	974	852	1,548	3,752	4,402,028
Washington.....	98	84	3	3	1	3	3	24	5,810
Wyoming.....	135,273	88,669	4,968	9,030	10,827	8,801	12,978	14,073	11,145,740

¹ Data for all leases except those on acquired lands. See note 1, table 199.

² Less than \$500.

Source: Department of the Interior, Bureau of Land Management; annual report of the Director.

No. 199.—PUBLIC LANDS—LEASES, PERMITS, AND LICENSES OUTSTANDING—NUMBER AND ACREAGE, BY CLASS: JUNE 30, 1951

[Data include Alaska]

CLASS	Number	Acres	CLASS	Number	Acres
MINERAL			OTHER		
Grand total.....	41,369	32,566,547	Grand total.....	32,077	15,096,910
Leases, total ¹	40,926	31,681,991	Leases, total.....	31,547	14,649,992
Oil and gas ¹	40,477	31,453,206	Grazing, Taylor Act.....	11,268	14,099,231
Coal.....	378	132,636	Grazing, Alaska.....	11	94,635
Potash.....	30	60,176	Grazing, Oreg. and Calif.....	241	203,591
Phosphate.....	33	21,135	For farm, Alaska.....	5	20,400
Sodium.....	6	5,438	Aviation.....	36	25,434
Silica sands.....	2	400	Mineral or medicinal spring.....	3	377
Permits, total ¹	400	882,864	Recreational.....	18	19,830
Sulphur.....	1	430	Boy Scout camp.....	1	80
Coal.....	77	93,401	Water well.....	13	828
Potash.....	242	458,590	Bathing beach.....	1	33
Sodium.....	78	140,953	Small tract.....	10,949	95,064
Vanadium.....	2	189,440	Other.....	1	480
Licenses, total.....	43	1,692	Permits, total ¹	530	446,918
Coal.....	43	1,692	Special land use.....	530	440,918

¹ Does not include oil and gas leases within naval reserves and the following on acquired lands: Oil and gas, 586 leases (628,032 acres); and various minerals, 114 permits (48,443 acres).

² Excludes grazing licenses and permits within grazing district, 19,876 (140,000,000 acres).

Source: Department of the Interior, Bureau of Land Management; annual report of the Director.

NO. 200.—LAND GRANTS TO STATES—ACREAGE, BY STATES AND FOR ALASKA, TO
JUNE 30, 1951

[In thousands of acres. Includes grants of scrip]

STATE	Total	PURPOSE OF GRANT								
		Support of common schools	Support of other schools	Support of other institutions	Construction of railroads	Construction of wagon roads	Construction of canals and improvement of rivers	Construction of miscellaneous internal improvements	Reclamation of swamp lands	Other purposes
Total	245, 275	98, 532	17, 034	13, 993	37, 129	3, 359	6, 104	7, 807	64, 893	6, 424
Alabama.....	5, 000	912	384	(¹)	2, 747	—	400	97	441	25
Alaska.....	21, 447	21, 009	438	—	—	—	—	—	—	—
Arizona.....	10, 544	8, 093	849	500	—	—	—	—	—	1, 101
Arkansas.....	11, 937	934	196	—	2, 564	—	—	500	7, 687	57
California.....	8, 822	5, 534	196	—	—	—	—	500	2, 193	400
Colorado.....	4, 472	3, 686	138	32	—	—	—	500	—	116
Connecticut.....	180	—	180	—	—	—	—	—	—	—
Delaware.....	60	—	60	—	—	—	—	—	—	—
Florida.....	24, 206	975	182	—	2, 219	—	—	500	20, 324	5
Georgia.....	270	—	270	—	—	—	—	—	—	—
Idaho.....	4, 251	2, 964	387	1 250	—	—	—	—	—	650
Illinois.....	6, 235	996	526	—	2, 595	—	324	200	1, 460	124
Indiana.....	4, 040	669	436	—	—	171	1, 480	—	1, 259	28
Iowa.....	8, 061	1, 001	286	—	4, 707	—	321	500	1, 196	50
Kansas.....	7, 795	2, 908	151	(¹)	4, 176	—	—	500	—	59
Kentucky.....	355	—	330	25	—	—	—	—	—	—
Louisiana.....	11, 428	807	256	—	373	—	—	500	9, 492	—
Maine.....	210	—	210	—	—	—	—	—	—	—
Maryland.....	210	—	210	—	—	—	—	—	—	—
Massachusetts.....	360	—	360	—	—	—	—	—	—	—
Michigan.....	12, 144	1, 022	286	—	3, 134	221	1, 251	500	5, 080	49
Minnesota.....	16, 422	2, 875	212	—	8, 047	—	—	500	4, 707	81
Mississippi.....	6, 007	824	348	—	1, 075	—	—	500	3, 348	1
Missouri.....	7, 417	1, 222	376	—	1, 838	—	—	500	3, 432	49
Montana.....	5, 963	5, 198	389	100	—	—	—	—	—	278
Nebraska.....	3, 459	2, 731	136	32	—	—	—	500	—	60
Nevada.....	2, 725	2, 062	136	13	—	—	—	500	—	14
New Hampshire.....	150	—	150	—	—	—	—	—	—	—
New Jersey.....	210	—	210	—	—	—	—	—	—	—
New Mexico.....	12, 795	8, 711	1, 347	760	—	—	100	—	—	1, 887
New York.....	990	—	990	—	—	—	—	—	—	—
North Carolina.....	270	—	270	—	—	—	—	—	—	—
North Dakota.....	3, 164	2, 495	335	1 250	—	—	—	—	—	82
Ohio.....	2, 750	724	699	—	—	81	1, 204	—	26	24
Oklahoma.....	3, 096	1, 375	1, 050	1 671	—	—	—	—	—	—
Oregon.....	7, 033	3, 399	136	—	—	2, 584	—	500	286	127
Pennsylvania.....	780	—	780	—	—	—	—	—	—	—
Rhode Island.....	120	—	120	—	—	—	—	—	—	—
South Carolina.....	180	—	180	—	—	—	—	—	—	—
South Dakota.....	3, 435	2, 733	366	1 251	—	—	—	—	—	86
Tennessee.....	300	—	300	—	—	—	—	—	—	—
Texas.....	180	—	180	—	—	—	—	—	—	—
Utah.....	7, 502	5, 844	556	500	—	—	—	—	—	601
Vermont.....	150	—	150	—	—	—	—	—	—	—
Virginia.....	300	—	300	—	—	—	—	—	—	—
Washington.....	3, 044	2, 376	335	1 200	—	—	—	—	—	132
West Virginia.....	150	—	150	—	—	—	—	—	—	—
Wisconsin.....	10, 179	982	332	—	3, 652	303	1, 022	500	3, 361	26
Wyoming.....	4, 343	3, 470	136	1 420	—	—	—	—	—	316

¹ Includes acreage of grants for "educational and charitable" purposes as follows: Idaho, 150,000; North Dakota, 170,000; South Dakota, 170,000; Washington, 200,000. Includes also 669,000 acres granted to Oklahoma for "charitable, penal, and public building" purposes, and 200,000 acres granted to Wyoming for "charitable, educational, penal, etc." purposes.

² River-improvement grants, 1,505,000 acres (Alabama, 400,000; Iowa, 321,000; New Mexico, 100,000; Wisconsin, 684,000). Canal grants 4,599,000 acres.

³ Less than 500 acres.

Source: Department of the Interior, Bureau of Land Management; annual report of the Director.

No. 201.—VACANT PUBLIC LANDS—ACREAGE, BY STATES: JUNE 30, 1900 TO 1951

[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. Figures exclude vacant public lands in Alaska estimated at 270,000,000 acres on June 30, 1951. For U. S. totals, see *Historical Statistics*, series F 8]

STATE	1900	1910	1920	1930	1940	1950	1951
Total.....	557,643,120	343,971,674	200,320,128	178,979,446	179,825,935	170,408,160	173,637,219
Alabama.....	359,250	108,210	37,200	(¹)	15,640	26,926	26,806
Arizona.....	50,286,988	41,491,369	18,268,909	15,180,880	13,869,348	12,544,779	13,127,971
Arkansas.....	3,493,444	512,705	270,595	190,969	129,962	133,796	132,013
California.....	42,467,512	24,864,884	19,585,801	16,623,488	16,968,775	16,305,673	16,471,350
Colorado.....	30,650,247	21,726,192	8,941,185	8,027,468	7,937,490	8,069,927	8,062,408
Florida.....	1,696,411	453,009	120,077	18,897	13,775	22,582	21,277
Idaho.....	43,286,694	24,743,804	8,805,112	10,617,970	11,879,452	10,858,320	12,581,882
Indiana.....						11	11
Kansas.....	1,196,900	137,180	4,346	(¹)	2,890	2,535	2,532
Louisiana.....	442,224	88,911	14,240	(¹)	5,716	7,290	7,169
Michigan.....	430,483	107,890	73,523	(¹)	15,810	15,604	15,324
Minnesota.....	4,696,203	1,563,302	256,297	189,845	238,128	93,102	92,982
Mississippi.....	285,804	47,058	33,360	(¹)	12,887	16,713	16,470
Missouri.....	337,946	2,510	18	(¹)	432	924	884
Montana.....	67,963,057	36,015,943	5,973,741	6,601,677	6,450,860	6,772,640	6,740,874
Nebraska.....	9,798,688	1,879,486	66,844	22,628	28,698	24,857	18,793
Nevada.....	61,277,506	56,474,688	54,267,175	51,454,493	51,143,840	47,158,389	46,587,798
New Mexico.....	56,641,170	36,454,692	18,448,878	15,664,121	15,695,468	14,502,666	14,487,358
North Dakota.....	18,725,239	1,410,225	81,044	146,505	107,583	96,470	91,409
Oklahoma.....	5,733,572	5,007	7,404	(¹)	23,157	24,601	24,543
Oregon.....	34,377,907	17,580,573	14,006,757	13,069,136	12,774,184	13,208,154	13,325,759
South Dakota.....	11,630,809	4,562,804	288,472	439,880	279,087	290,445	307,312
Utah.....	42,667,451	35,955,554	29,991,715	23,881,445	25,733,585	23,093,410	24,767,337
Washington.....	11,125,682	3,106,059	1,086,688	920,584	577,419	487,151	481,586
Wisconsin.....	313,655	14,460	5,154	(¹)	6,160	6,043	5,700
Wyoming.....	48,858,169	34,575,159	10,679,595	15,929,460	15,906,529	16,615,143	16,239,627

¹ 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.

² Includes acreage of public lands within grazing districts, as follows: 1940, 131,026,135; 1950, 134,874,876; 1951, 142,000,000 (estimated). ³ Data not tabulated.

Source: Department of the Interior, Bureau of Land Management; annual report of the Director and records.

No. 202.—AREAS ADMINISTERED BY THE NATIONAL PARK SERVICE—ACREAGE AND NUMBER OF VISITORS: 1951

[For figures for continental U. S. only, see *Historical Statistics*, series F 17-18]

TYPE OF AREA	Number of areas, June 30	Net acreage, June 30	Visitors, year ending Sept. 30, 1951
Areas administered by national park service, total.....	180	23,741,085.40	36,708,494
National park system:			
Continental United States, total.....	169	14,609,824.64	33,361,372
National parks.....	26	10,440,023.91	14,561,434
National monuments.....	81	3,068,306.32	6,075,082
National military parks.....	11	24,280.95	12,052,080
National historical parks.....	5	10,404.73	2,132,213
National memorial parks.....	1	59,420.50	81,080
National battlefield parks.....	2	3,778.95	
National battlefield sites.....	6	188.33	320,010
National cemeteries.....	10	217.01	
National historic sites.....	12	2,041.16	815,337
National memorials.....	10	1,504.94	21,214,380
National capital parks.....	1	20,223.71	3,653,623
National parkways.....	4	68,594.37	4,454,924
Alaska and Hawaii, total.....	6	7,111,194.74	501,891
National parks.....	2	2,115,775.64	495,000
National monuments.....	4	4,995,419.10	0,882
Other areas administered by national park service, total.....	5	2,020,666.02	2,845,231
National recreational areas.....	3	2,009,833.00	2,815,773
Recreational demonstration areas.....	1	10,193.02	(¹)
National historic site (in San Juan, Puerto Rico).....	1	40.00	20,468

¹ Includes national cemeteries adjoining military parks.

² Other than those supervised by National Capital Parks.

³ Includes memorials supervised by National Capital Parks.

⁴ Blue Ridge Parkway visitors. No record for other 3 parkways.

⁵ No record.

⁶ Administered pursuant to cooperative agreement with Department of the Army.

Source: Department of the Interior, National Park Service; *Annual Report of the Secretary*.

No. 203.—VISITORS TO NATIONAL PARK SERVICE AREAS: 1916 TO 1951

[Includes data for Alaska and Hawaii. Visitors to these areas were 501,891 in 1951. Record of visitors to National Monuments not available for years prior to 1919. For figures for continental U. S. only, see *Historical Statistics*, series F 18]

YEAR ENDING SEPT. 30	Number	YEAR ENDING SEPT. 30	Number	YEAR ENDING SEPT. 30	Number
1916.....	356,097	1928.....	3,024,544	1940.....	16,755,251
1917.....	488,258	1929.....	3,248,264	1941.....	21,050,426
1918.....	451,691	1930.....	3,246,056	1942.....	10,708,061
1919.....	811,516	1931.....	3,544,938	1943.....	6,908,749
1920.....	1,058,455	1932.....	3,754,596	1944.....	8,146,464
1921.....	1,171,797	1933.....	3,481,590	1945.....	10,521,375
1922.....	1,216,497	1934.....	6,337,206	1946.....	21,082,782
1923.....	1,493,712	1935.....	7,676,490	1947.....	25,265,229
1924.....	1,670,908	1936.....	11,989,793	1948.....	20,608,318
1925.....	2,054,632	1937.....	15,133,432	1949.....	31,864,180
1926.....	2,314,955	1938.....	16,331,467	1950.....	32,782,238
1927.....	2,797,840	1939.....	15,530,036	1951.....	36,708,494

Source: Department of the Interior, National Park Service; *Annual Report of the Secretary* and records.

No. 204.—LANDS UNDER JURISDICTION OF BUREAU OF INDIAN AFFAIRS—ACREAGE, BY STATES: 1881 TO 1949

[Taxable lands included in years prior to 1940. Figures for 1949 are for nontaxable lands only]

STATE	1881	1900	1911	1933	JUNE 30, 1949 ¹			
					Total	Trust allotted	Tribal	Government owned
Acres, total..	155,632,312	78,372,185	71,646,796	52,651,393	56,004,670	16,534,060	38,607,984	862,626
Arizona.....	3,092,720	15,150,757	17,358,746	18,857,984	19,457,374	263,998	19,192,712	40,066
Arkansas.....				80	95	05		
California.....	415,841	406,396	437,029	625,354	548,408	75,302	456,211	16,895
Colorado.....	12,467,200	483,750	556,561	443,751	730,513	25,830	704,109	574
Florida.....		23,062	23,542	125,880	80,028		80,028	
Idaho.....	2,748,981	1,304,500	770,706	803,239	864,610	446,400	378,171	40,039
Iowa.....	602	2,965	3,251	3,361	5,040	1,059	3,993	78
Kansas.....	137,747	28,279	273,408	34,821	36,423	33,710	1,697	1,016
Michigan.....	66,382	8,317	153,473	20,233	26,397	15,349	7,026	4,022
Minnesota.....	5,026,447	1,566,707	1,480,647	549,320	863,028	170,609	669,961	32,558
Mississippi.....				3,863	15,488		15,280	208
Montana.....	20,356,800	9,500,700	6,263,151	6,055,009	6,502,211	5,163,777	1,217,067	120,467
Nebraska.....	436,252	74,592	344,375	60,280	28,073	14,214	13,706	163
Nevada.....	885,015	954,135	696,749	866,176	1,141,362	85,865	1,051,382	4,115
New Mexico.....	7,228,731	1,067,485	4,520,652	6,188,964	6,717,033	738,504	5,955,863	322,066
New York.....	86,366	87,677	87,677		86,008	30	85,978	
North Carolina.....	65,211	98,211	63,211	57,705	55,734		55,399	385
North Dakota.....	(2)	3,701,724	2,786,162	1,034,123	1,093,832	1,006,678	77,504	9,700
Oklahoma.....	41,100,915	26,397,237	22,736,473	2,919,886	2,468,770	2,341,856	73,378	54,036
Oregon.....	3,853,800	1,300,225	1,719,661	1,718,510	1,733,080	393,430	1,331,894	7,816
Pennsylvania.....					640		640	
South Dakota.....	230,616,448	3,991,791	7,221,939	5,544,424	5,779,684	4,420,621	1,213,559	145,504
Texas.....					4,081	1,010		3,071
Utah.....	2,039,040	2,039,040	291,101	1,571,620	2,500,799	90,895	2,409,239	9,585
Washington.....	7,079,348	2,333,574	2,948,708	2,712,915	2,732,593	959,050	1,757,754	6,789
Wisconsin.....	556,026	381,061	590,094	395,919	452,678	147,071	264,318	41,289
Wyoming.....	2,342,400	1,810,000	318,543	2,249,576	2,080,618	139,309	1,940,316	994

¹ Excludes an estimated 46,500 acres of trust land in Nebraska subject to taxation under the Brown Act of Dec. 30, 1916 (39 Stat. 865), and an estimated 450,000 acres of restricted taxable land in Oklahoma.

² Dakota Territory.

³ Excludes ceded lands amounting to 1,472,000 acres. All other years include ceded land.

Source: Department of the Interior, Bureau of Indian Affairs; Statistical Supplement to *Annual Report of Commissioner of Indian Affairs* and records.

8. Labor Force, Employment, and Earnings

(Sent to print March 6, 1952)

The various series of labor statistics covered in this section may be classified as of one of two types and these types differ somewhat in concept and purpose. One type of labor statistics is obtained by the "population approach," and includes data from the Census of Population and the Current Population Survey of the Bureau of the Census. These surveys involve an enumeration of individual persons and obtain information on employment activity from workers or members of their households. Each employed worker is counted only once, even though he may have held two or more jobs during a given period. The population approach permits a direct enumeration not only of employed persons but also of unemployed workers, the self-employed, domestic servants, service trade workers, and others who are not found on the pay rolls of any establishment.

The second type of labor statistics is obtained by the "establishment approach," and includes data from the monthly series of the Bureau of Agricultural Economics of the Department of Agriculture, and the Bureau of Labor Statistics of the Department of Labor. These data are similar to those provided by the Census of Manufactures and other industrial censuses in that they are based on reports from employers; i. e., farms, businesses, or industrial establishments. In adding together data from the reports of different employers the establishment approach counts twice or more any worker who works for two or more employers during a given pay-roll period, but permits a better analysis of such data as wages, hours, labor turn-over, and industry affiliation which can be more accurately obtained from employers' records than by inquiries directed to a worker or a member of his household. The sampling methods usually used in the collection of statistics from establishments yield estimates of employment that may be subject to some error as well as to a small downward bias arising from inadequate representation of new firms entering business. Accurate estimates are maintained, however, by periodic adjustment to "benchmark" data from tabulations of employer reports obtained in connection with government social insurance programs and other sources, and by correcting current figures for selected industries for bias on the basis of past experience.

1950 Census data.—Figures shown here based on the 1950 Census of Population are those available at the time this section was sent to the printer. Where figures are preliminary they have been so noted; in some cases these figures may differ slightly from the final figures.

Labor force.—The labor force as now commonly defined in surveys utilizing the population approach includes persons 14 years old and over who had a job or were seeking one during a specified week. Population censuses earlier than 1940 used instead a concept of "gainful workers." This differed from the labor force concept in that it included all persons 10 years old and over who reported a gainful occupation, regardless of whether or not they were working or seeking work at the time of the census, and excluded in general new job seekers without previous experience in a gainful occupation. The Decennial Census of Population provides detailed data for the United States as a whole and for each State, city, and other area, including personal characteristics (sex, age, color, etc.) of the labor force, the numbers employed and unemployed, the number reporting themselves in each occupation and in each industry, and other items. The Census Bureau's Current Population Survey, a monthly enumeration of approximately 25,000 households throughout the Nation, provides current data published in *Current Population Reports—Monthly Report on the Labor Force*. Data presented include national totals, by sex and age, of the number of persons in the

civilian labor force, the number employed in nonagricultural industry, the number employed in agriculture, the number unemployed, and the number of nonworkers. Also provided are data on hours of work and major occupational group of those employed and duration of unemployment of those unemployed. (See Sampling Note, p. 174.)

Agricultural employment.—The establishment-type series are available for both agricultural and nonagricultural employment. Agricultural employment estimates, obtained by means of monthly mail returns from crop reporters, have been issued since 1909 by the Department of Agriculture.

Nonagricultural employment.—The monthly estimates of employment in nonagricultural establishments prepared by the Bureau of Labor Statistics are based on voluntary reports from about 42,000 establishments in manufacturing industries and from about 108,000 establishments in selected nonmanufacturing industries, supplemented by data from other government agencies and adjusted at intervals to data from tabulations of reports under government social insurance programs. These estimates exclude proprietors of unincorporated businesses, self-employed persons, domestic servants, and unpaid family workers, most of whom cannot be covered easily by the establishment approach. Persons in the armed forces are also excluded. Estimates are available for *total* employment for 8 major industry divisions, for 21 manufacturing groups, for over 100 manufacturing industries, and for selected nonmanufacturing industries. Employment data as well as average weekly hours, and average weekly and hourly earnings are available for *production and related* workers in close to 200 manufacturing industries; in mining, power laundries, and cleaning and dyeing industries, and for nonsupervisory employees and working supervisors in other selected nonmanufacturing industries.

The employment data are for all full and part-time employees who worked or received pay for any part of the period reported.

The earnings data are gross, before pay-roll deductions and include overtime premiums; they exclude irregular bonuses and value of payments in kind. Hours are those actually worked or paid for.

For government and certain other segments of employment, the employment reports of the Bureau of Labor Statistics are supplemented by data from the Interstate Commerce Commission, the Maritime Commission, the Civil Service Commission, the Bureau of the Census and other agencies.

Because of a major revision, continuous data for many currently published series begin with January 1947. Continuity with data prior to 1947 has been maintained for total employment in nonagricultural establishments and the 8 major industry divisions; for total and production-worker employment in all manufacturing, durable and nondurable goods, the 21 major manufacturing industry groups, and the mining industries; for hours and earnings in all manufacturing, durable and nondurable goods, and the mining industries.

Output per man-hour.—The Bureau of Labor Statistics currently prepares annual measures of output per man-hour (or the reciprocal—unit man-hour requirements) by two methods. One involves the construction of industry-wide measures from secondary source material; the other, from establishment reports for specified products selected to represent industry trends. Data under the first program are published for 24 manufacturing industries, 5 mining industries, 4 public utilities and agriculture. Indexes compiled from direct reports cover 18 manufacturing industries. Output per man-hour refers to production, in physical units, per man-hour of work. The indexes measure the relationships between the volume of goods produced and one factor of input—labor time. The data do not measure the specific contribution of labor or capital nor do they reflect increased efficiency resulting from more economical use of fuel and materials, or more efficient integration of industries.

Labor turn-over.—Labor turn-over estimates are published monthly by the Bureau of Labor Statistics for approximately 100 industries in 20 major divisions in manufacturing and for selected nonmanufacturing industries, on the basis of about 7,000 reports from cooperating establishments. Labor turn-over data are available on a continuous monthly basis from January 1930 for manufacturing as a whole. Because of the adoption of the Standard Industrial Classification beginning with final data for December 1949, labor turn-over rates for many individual industries and industry groups are available on a continuous basis only from December 1949.

Work stoppages.—Statistical data on work stoppages due to labor-management disputes cannot be collected in the same fashion as other labor information since such stoppages are sporadic and cannot be covered by a routine periodic reporting service. The basic measures of strike statistics as now compiled by the Bureau of Labor Statistics are the number of stoppages, the number of workers involved, and the number of unions involved. Basic statistical data are obtained from the employers and unions involved. Leads to where strikes have occurred are obtained from a variety of sources, including newspapers, State employment services, or State and Federal mediation services. From the data given on the schedules, the Bureau prepares annual reports (published in the May *Monthly Labor Review* and later in bulletin form) which give not only the complete and verified total figures for each month of the year but also analyses of strikes by industry, State, city, and by causes, labor organizations involved, and other pertinent classification. Preliminary monthly, semi-annual, and annual figures are issued in press releases.

Historical statistics.—See preface and historical appendix. Tabular headnotes (as "See also *Historical Statistics*, series D 11-31") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*.

Sampling Note—Current Population Survey

The sample used for the Current Population Survey (Monthly Report on the Labor Force) consists of approximately 25,000 households living in 125 counties and independent cities grouped in 63 areas. The chances are about 19 in 20 that the relative sampling variability of the estimated totals presented from the labor force survey are less than the following:

SEX	CIVILIAN LABOR FORCE			Not in the labor force
	Total	Employed	Unemployed	
	Percent	Percent	Percent	Percent
Both sexes.....	2	2	18	4
Male.....	2	2	18	4
Female.....	5	5	20	2

The percentages shown in this table represent the maximum differences to be expected between totals estimated from the sample and those that would have been obtained by a complete census following the same procedures. These percentages are themselves subject to variation in different time periods, particularly as the magnitudes being estimated change in level. Estimates of change from one month to the next are subject to somewhat smaller sampling variability for some of the items.

The sampling variability indicated above is illustrative of the variability that is to be expected for other subjects, such as urban-rural distributions, migration, occupation, education, marital status, race, family relationships, income, etc. For specific evaluation of the sampling variability relating to these subjects, see the original releases of the Bureau of the Census.

No. 205.—LABOR FORCE—PERSONS GAINFULLY OCCUPIED IN AGRICULTURAL AND IN NONAGRICULTURAL PURSUITS; AND WOMEN IN LABOR FORCE OR GAINFULLY OCCUPIED: 1820 TO 1940

[Figures for 1940 relate to the labor force; those for earlier years relate to gainful workers. For differences in concepts, see text statement, p. 172. See also *Historical Statistics*, series D 1-10]

YEAR	ALL PERSONS 10 YEARS OLD AND OVER					WOMEN IN LABOR FORCE OR GAINFULLY OCCUPIED, 15 YEARS OLD AND OVER ¹			
	Population 10 years old and over	Number of persons engaged in—			Nonagricultural pursuits	Agricul-tural pursuits	Total number	Married	
		All occupations		Percent of population 10 and over				Number	Percent
		Number							
1820	2 0, 487, 815	2, 881, 000	44. 4	812, 042	2, 068, 958				
1830	2 8, 639, 412	3, 981, 537	45. 5	1, 189, 034	2, 772, 453				
1840	4 11, 620, 006	5, 420, 000	46. 6	1, 700, 049	3, 719, 951				
1850	16, 452, 835	7, 697, 196	46. 8	2, 795, 314	4, 901, 882				
1860	22, 429, 625	10, 532, 750	47. 0	4, 325, 116	6, 207, 634				
1870	29, 123, 683	12, 924, 951	44. 4	6, 075, 179	6, 849, 772				
1880	36, 701, 607	17, 392, 099	47. 3	8, 807, 289	8, 584, 810				
1890 ²	47, 413, 559	23, 318, 183	49. 2	13, 379, 810	9, 938, 373	3, 712, 144	515, 260	13. 9	
1900	57, 949, 824	29, 073, 233	50. 2	18, 161, 235	10, 911, 998	4, 997, 415	769, 477	15. 4	
1910	71, 580, 270	37, 370, 794	52. 2	25, 779, 027	11, 591, 767	7, 636, 828	1, 890, 661	24. 7	
1920	82, 739, 315	42, 433, 535	51. 3	30, 984, 765	11, 448, 770	8, 346, 796	1, 020, 281	23. 0	
1930	98, 723, 047	48, 820, 920	49. 5	33, 357, 922	10, 471, 998	10, 632, 227	3, 071, 302	28. 9	
1940	110, 443, 129	52, 148, 251	47. 2	42, 985, 704	9, 162, 547	13, 840, 000	5, 040, 000	36. 4	

¹ Figures for 1940 are revised estimates of labor force 14 years old and over during the census week; see Bureau of the Census, *Current Population Reports*, Series P-50, No. 2. Figures for prior years are for gainfully occupied 15 years old and over.

² See U. S. Bureau of the Census, *Supplementary Analysis of Twelfth Census*, p. 408.

³ Includes 9,419 out of 11,130 persons for whom age was not ascertained.

⁴ Final figures, after re-enumeration of Montgomery County, Maryland, in 1841.

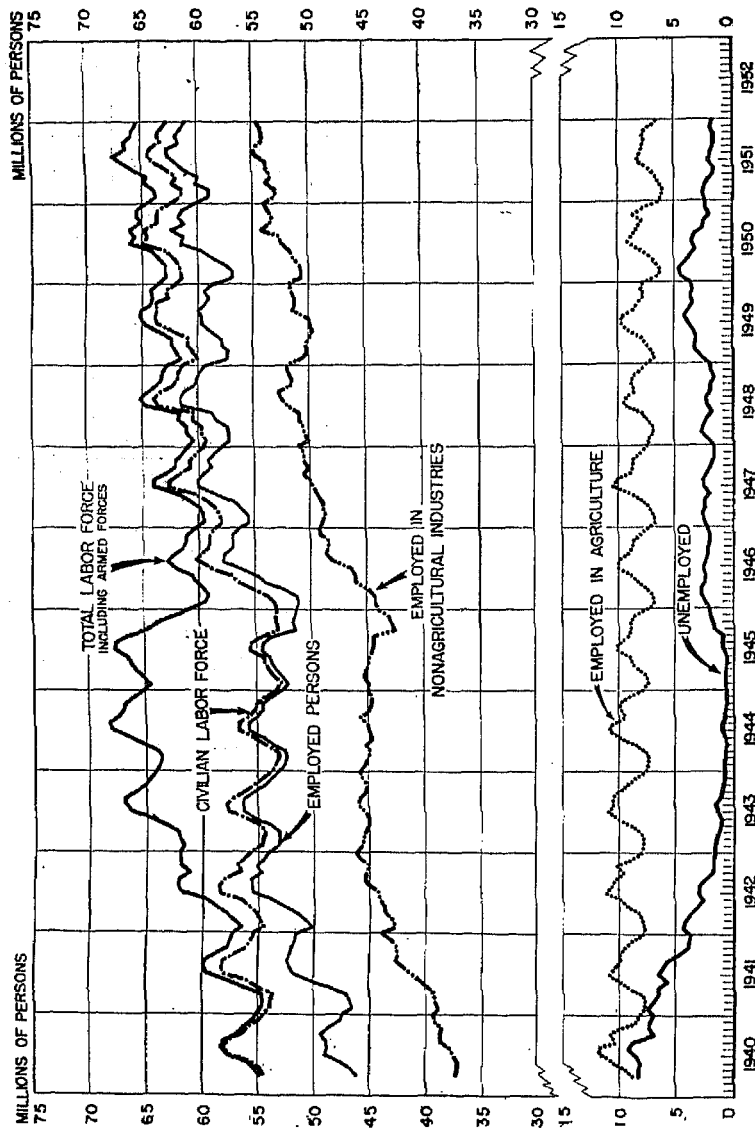
⁵ Excludes persons in Indian Territory and on Indian reservations, areas specially enumerated at that census, but for which areas no occupation statistics are available. Figures for the remaining area are corrected figures; for explanation, see analysis of occupation returns for 1890 in *Twelfth Census (1900) Special Reports*, "Occupations," pp. lxxvi-lxxiii.

⁶ May differ from 1940 data in other tables because of following adjustments to improve comparability: New workers have been excluded; children 10 to 13 (estimated) engaged in agricultural and nonagricultural pursuits have been included; persons on public emergency work previously in agricultural pursuits (estimated) have been included; number of persons classified in agricultural pursuits was revised as a result of occupation classification revision in 1940.

Source: Department of Commerce, Bureau of Census; *16th Census Reports*, Vol. III and Vol. IV, *Comparative Occupation Statistics for the U. S., 1870-1940*, and Release Series P-9, No. 11; *15th Census Reports*, *Population*, Vol. IV; and *Current Population Reports*, Series P-50, No. 2.

FIG. IX.—TRENDS IN THE LABOR FORCE: 1940 TO 1951

[See tables 207 and 209]



Source: Department of Commerce, Bureau of the Census.

No. 206.—GAINFUL WORKERS 14 YEARS OLD AND OVER, 1910 TO 1930, AND TOTAL LABOR FORCE, 1940 AND 1950, BY AGE AND SEX

YEAR AND AGE (YEARS)	POPULATION			GAINFUL WORKERS OR LABOR FORCE ¹						
	Total	Male	Female	Total	Male	Female	Percent of popu- lation			
							Total	Male	Female	
1910										
Total, 14 and over.....	64,321,252	33,361,779	30,959,473	37,271,360	29,482,534	7,788,826	57.9	58.4	25.2	
14 and 15.....	8,509,347	1,798,449	1,770,898	1,094,249	744,109	350,140	30.7	41.4	19.8	
16 to 20.....	9,197,000	4,564,179	4,632,821	5,463,223	3,615,623	1,847,600	58.4	79.2	39.9	
21 to 44 ¹	34,181,292	17,849,843	16,331,449	21,565,178	17,292,209	4,302,969	63.1	66.7	26.8	
45 and over.....	17,873,613	9,149,308	8,224,305	9,148,710	7,860,593	1,288,117	52.7	55.9	15.7	
1920										
Total, 14 and over.....	74,144,443	37,953,960	36,190,483	41,236,185	32,806,478	8,429,707	55.6	56.4	23.3	
14 and 15.....	8,907,710	1,958,976	1,948,734	682,795	455,980	226,806	17.5	23.3	11.6	
16 and 17.....	8,828,131	1,902,867	1,925,264	1,712,048	1,103,456	609,192	44.7	58.0	31.0	
18 and 19.....	8,740,980	1,845,246	1,895,734	2,246,203	1,443,068	802,235	60.0	78.3	42.3	
20 to 24.....	9,277,021	4,527,045	4,740,976	5,930,467	4,121,392	1,809,075	63.9	91.0	38.1	
25 to 44.....	31,278,622	16,028,920	15,249,602	18,906,959	15,579,686	3,417,373	60.7	97.2	22.4	
45 to 64.....	17,030,165	9,114,960	7,915,205	9,804,554	8,652,175	1,352,479	58.2	93.8	17.1	
65 and over.....	4,933,215	2,483,071	2,450,144	1,680,737	1,492,837	190,900	34.3	60.1	8.0	
Age unknown.....	148,069	92,875	55,824	72,722	57,075	15,647	48.9	61.5	28.0	
1930										
Total, 14 and over.....	89,100,555	45,087,507	44,013,048	48,594,592	37,915,544	10,679,048	54.5	54.1	24.3	
14 and 15.....	4,678,084	2,361,134	2,316,950	431,790	298,482	133,308	9.2	12.6	5.8	
16 and 17.....	4,663,137	2,339,070	2,324,067	1,478,841	964,494	514,347	31.7	41.2	22.1	
18 and 19.....	4,593,278	2,264,107	2,329,172	2,642,213	1,690,768	942,445	55.8	70.7	40.5	
20 to 24.....	10,870,870	5,330,815	5,539,563	7,147,053	4,799,505	2,347,548	65.7	89.9	42.4	
25 to 34.....	18,964,020	9,421,966	9,532,063	11,823,004	9,168,666	2,654,338	62.4	97.3	27.8	
35 to 44.....	17,108,540	8,816,379	8,292,221	10,500,540	8,008,202	1,892,338	61.1	97.6	22.6	
45 to 54.....	13,018,083	6,807,569	6,214,514	7,831,161	6,565,135	1,266,026	60.2	96.5	20.4	
55 to 64.....	8,396,898	4,363,071	4,020,398	4,590,592	3,941,514	649,078	54.7	90.2	16.1	
65 and over.....	6,633,805	3,325,211	3,308,504	2,204,067	1,938,740	266,218	33.2	58.3	8.0	
Age unknown.....	94,022	51,816	42,206	44,431	31,020	13,402	47.3	59.9	31.8	
1940										
Total, 14 and over.....	101,102,924	50,553,748	50,549,176	52,789,499	39,944,240	12,845,259	52.2	79.0	25.4	
14 and 15.....	4,823,240	2,440,453	2,387,790	249,521	195,919	53,602	5.2	8.0	2.2	
16 and 17.....	4,892,170	2,462,443	2,429,727	1,020,201	715,027	311,264	21.0	29.0	12.9	
18 and 19.....	5,018,834	2,495,373	2,523,461	2,645,289	1,635,798	1,009,491	52.7	65.6	40.0	
20 to 24.....	11,587,835	5,602,392	5,895,443	7,070,549	5,011,457	2,059,092	66.2	88.0	45.1	
25 to 34.....	21,339,026	10,620,974	10,818,052	13,576,571	10,015,331	3,561,240	63.6	95.2	32.9	
35 to 44.....	18,333,220	9,104,794	9,168,426	11,143,700	8,678,280	2,465,420	60.8	94.7	26.9	
45 to 54.....	15,612,071	7,962,019	7,650,052	8,995,585	7,329,310	1,666,275	58.0	92.1	22.1	
55 to 64.....	10,572,205	5,409,180	5,163,025	5,378,609	4,633,009	844,700	50.9	83.8	16.4	
65 and over.....	9,019,314	4,406,120	4,613,194	2,100,384	1,829,209	271,175	23.8	41.5	5.9	
1950 ³										
Total, 14 and over.....	111,915,000	54,923,000	56,991,000	59,592,000	43,268,000	16,323,000	53.2	78.8	28.6	
14 and 15.....	4,368,000	2,203,000	2,165,000	424,000	305,000	119,000	9.7	13.8	5.5	
16 and 17.....	4,203,000	2,119,000	2,084,000	1,147,000	779,000	368,000	27.3	36.8	17.7	
18 and 19.....	4,305,000	2,076,000	2,225,000	2,379,000	1,408,000	971,000	55.3	67.8	43.6	
20 to 24.....	11,327,000	5,457,000	5,870,000	6,983,000	4,400,000	2,482,000	61.6	82.3	42.5	
25 to 34.....	23,694,000	11,659,000	12,035,000	14,456,000	10,604,000	3,792,000	61.0	91.5	31.5	
35 to 44.....	21,251,000	10,505,000	10,746,000	13,614,000	9,898,000	3,716,000	64.1	94.2	34.6	
45 to 54.....	17,265,000	8,556,000	8,708,000	10,718,000	7,840,000	2,870,000	62.1	91.7	33.0	
55 to 64.....	13,180,000	6,637,000	6,543,000	6,990,000	5,499,000	1,491,000	53.0	82.9	22.8	
65 and over.....	12,321,000	5,711,000	6,611,000	2,881,000	2,378,000	503,000	23.4	41.6	7.6	

¹ Figures for 1910 to 1930 represent gainful workers; those for 1940 and 1950 represent the total labor force. For differences in concepts, see text, p. 172.

² Including data for age unknown.

³ Based on preliminary sample of 1950 Census returns. See source for explanation of sampling variability.

Source: Department of Commerce, Bureau of the Census; *Sixteenth Census Reports, Population*, Vol. III, and 1950 Census of Population, *Preliminary Reports*, Series PO 7, No. 2.

No. 207.—EMPLOYMENT STATUS OF THE NONINSTITUTIONAL POPULATION, BY SEX: 1929 TO 1951

[Thousands of persons 14 years old and over. Unemployed persons include persons looking for work and persons on public emergency work projects. Data in tables 207-209, 220, based on Current Population Survey (see Sampling Note p. 174), are not entirely comparable with those presented in tables 205, 206, 218, 219, 221-223, which are based on decennial census reports. For an explanation of differences, see Department of Commerce, Bureau of the Census; *Current Population Reports—Labor Force Bulletin* (Series P-50, No. 2). See also *Historical Statistics*, series D 11-31]

ANNUAL AVERAGE OR MONTHLY ESTIMATE	Total, noninstitutional population ¹	IN LABOR FORCE				NOT IN LABOR FORCE			
		Total, including armed forces	Civilian labor force			Total	Keeping house	In school	Other
			Total	Em- ployed	Unem- ployed				
BOTH SEXES									
1929		49,440	49,180	47,630	1,550				
1930		50,080	49,820	46,480	4,340				
1931		50,680	50,420	42,400	8,020				
1932		51,250	51,000	38,940	12,060				
1933		51,840	51,590	38,760	12,830				
1934		52,490	52,230	40,890	11,340				
1935		53,140	52,870	42,260	10,610				
1936		53,740	53,440	44,410	9,030				
1937		54,320	54,000	46,300	7,700				
1938		54,950	54,610	44,220	10,390				
1939		55,600	55,230	45,750	9,480				
1940	100,230	56,030	55,040	47,520	8,120	44,200			
1941	101,370	57,380	55,910	50,350	5,560	43,990			
1942	102,400	60,230	56,410	53,750	2,660	42,230	28,690	6,370	7,170
1943	103,510	64,410	55,540	54,470	1,070	39,100	27,320	5,100	6,680
1944	104,480	65,890	54,630	53,960	670	38,500	27,350	4,540	6,700
1945	105,370	65,140	53,860	52,820	1,040	40,230	27,700	4,830	7,640
1946	105,370	60,820	57,520	55,250	2,270	45,550	31,020	6,360	8,170
1947	107,458	61,008	60,168	58,027	2,142	45,850	32,441	6,446	6,962
1948	108,482	62,748	61,442	59,378	2,064	45,733	32,850	6,178	6,706
1949	109,623	63,571	62,105	58,710	3,395	46,051	33,007	6,093	6,801
1950	110,779	64,599	63,099	59,957	3,142	46,181	33,058	6,197	6,926
1951	111,924	65,832	62,884	61,005	1,870	46,092	33,105	5,820	7,150
MALE									
1940	49,630	41,370	41,480	35,550	5,930	8,060			
1941	50,420	42,740	41,270	37,350	3,920	7,680			
1942	50,910	44,110	40,300	38,580	1,720	6,800	50	2,080	3,770
1943	51,300	45,600	36,840	36,270	570	5,790	80	2,230	3,480
1944	51,830	46,620	35,460	35,110	350	5,310	60	1,830	3,420
1945	52,120	45,870	34,830	34,210	620	6,250	40	2,070	4,140
1946	52,540	43,980	40,740	38,940	1,800	5,600	70	3,210	5,280
1947	52,935	44,694	43,272	41,677	1,595	8,242	60	3,437	4,744
1948	53,363	45,150	43,858	42,428	1,430	8,213	51	3,367	4,705
1949	53,877	46,524	44,075	41,680	2,415	8,354	62	3,306	4,986
1950	54,376	46,919	44,442	42,287	2,155	8,457	81	3,244	5,132
1951	54,846	46,524	43,612	42,400	1,123	8,322	98	2,040	5,284
March	54,708	46,979	43,379	42,102	1,277	8,729	86	3,834	4,809
June	54,812	47,294	44,310	43,148	1,167	7,518	105	1,830	5,584
September	54,948	46,840	43,672	42,830	842	8,108	110	2,356	5,642
December	55,087	46,367	43,114	42,106	1,008	8,730	114	3,704	4,912
FEMALE									
1940	50,800	14,160	14,160	11,970	2,190	36,140			
1941	50,680	14,640	14,640	13,000	1,640	36,810			
1942	51,550	16,120	16,110	15,170	1,940	35,430	28,640	3,890	3,400
1943	52,120	18,810	18,700	18,200	500	33,310	27,240	2,870	3,200
1944	52,650	19,370	19,170	18,850	320	33,280	27,290	2,710	3,280
1945	53,250	19,270	19,030	18,610	420	33,980	27,720	2,760	3,500
1946	53,830	16,840	16,780	16,310	470	36,990	30,050	3,150	2,890
1947	54,523	16,915	16,896	16,349	547	37,008	32,380	3,009	2,215
1948	55,118	17,599	17,583	16,950	633	37,520	32,799	2,810	2,110
1949	55,745	18,048	18,030	17,049	981	37,697	33,005	2,786	1,906
1950	56,404	18,680	18,657	17,670	987	37,724	32,977	2,954	1,794
1951	57,078	19,309	19,272	18,515	756	37,770	33,007	2,888	1,875
March	56,887	18,977	18,045	18,077	870	37,009	32,000	3,887	1,421
June	57,041	19,566	19,467	18,654	813	37,535	33,438	1,078	2,410
September	57,218	19,566	19,514	18,760	764	37,602	32,970	2,526	2,166
December	57,398	19,616	19,574	18,908	666	37,782	32,794	3,078	1,810

¹ Excludes inmates of penal and mental institutions and homes for the aged, infirm, and needy.

Source: 1929-30, Department of Labor, Bureau of Labor Statistics; *Handbook of Labor Statistics*, 1947 edition. Later data, Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-50, Nos. 2, 13, and 19, and Series P-57.

CIVILIAN LABOR FORCE

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No. 208.—CIVILIAN LABOR FORCE, BY AGE AND SEX: 1944 TO 1951

[Thousands of persons 14 years old and over. See headnote, table 207]

ANNUAL AVERAGE OR MONTHLY ESTIMATE	MALE						FEMALE					
	Total all ages	14-19 years	20-24 years	25-44 years	45-64 years	65 and over	Total all ages	14-19 years	20-24 years	25-44 years	45-64 years	65 and over
1944.....	35,460	3,350	1,720	14,800	13,170	2,420	19,170	2,900	3,230	8,220	4,320	500
1945.....	34,830	2,950	1,650	14,510	13,260	2,460	19,030	2,720	3,180	8,230	4,410	490
1946.....	40,740	2,680	3,720	18,450	13,350	2,340	16,780	2,160	2,780	7,370	4,020	450
1947.....	43,272	3,073	4,629	19,009	13,495	2,376	16,896	2,067	2,716	7,416	4,253	445
1948.....	43,853	3,173	4,674	19,023	13,706	2,384	17,583	2,083	2,719	7,732	4,537	514
1949.....	44,076	3,054	4,681	20,131	13,756	2,454	18,030	2,053	2,650	7,085	4,777	550
1950.....	44,442	3,127	4,632	20,320	13,911	2,454	18,657	2,180	2,675	8,253	5,166	584
1951.....	43,612	2,957	3,935	20,173	14,078	2,409	19,272	2,013	2,659	8,593	5,457	551
January.....	43,093	2,574	4,146	20,139	13,942	2,291	18,421	1,713	2,670	8,342	5,134	551
February.....	42,804	2,507	4,130	20,020	13,890	2,339	18,410	1,751	2,608	8,328	5,187	583
March.....	43,379	2,600	4,173	20,169	14,008	2,432	18,946	1,796	2,692	8,513	5,354	591
April.....	43,182	2,559	4,080	20,062	14,040	2,434	18,607	1,724	2,594	8,391	5,336	574
May.....	43,508	2,845	3,894	20,119	14,079	2,571	19,294	1,847	2,714	8,068	5,504	562
June.....	44,316	3,582	3,939	20,154	14,112	2,531	19,467	2,345	2,714	8,402	5,398	540
July.....	44,002	3,890	3,970	20,122	14,120	2,494	19,780	2,670	2,698	8,470	5,512	518
August.....	44,720	3,894	3,998	20,138	14,162	2,628	19,488	2,418	2,606	8,448	5,490	520
September.....	43,072	3,000	3,870	20,142	14,106	2,548	19,514	2,050	2,640	8,730	5,540	554
October.....	43,522	2,754	3,738	20,128	14,168	2,534	19,030	2,002	2,656	9,042	5,032	538
November.....	43,346	2,648	3,710	20,312	14,164	2,512	19,818	1,952	2,678	8,883	5,760	530
December.....	43,114	2,630	3,584	20,378	14,136	2,410	19,574	1,910	2,674	8,828	5,646	516

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-50, Nos. 2, 13, and 19, and Series P-57.

No. 209.—PERSONS EMPLOYED IN AGRICULTURE AND IN NONAGRICULTURAL INDUSTRIES, BY HOURS WORKED DURING THE SURVEY WEEK: 1942 TO 1951

[Thousands of persons 14 years old and over. See headnote, table 207]

ANNUAL AVERAGE OR MONTHLY ESTIMATE	PERSONS EMPLOYED IN AGRICULTURE					PERSONS 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 ¹	Total	Worked 35 hours or more	Worked 15 to 34 hours	Worked 1 to 14 hours	With a job but not at work ¹
1942.....	9,250	7,690	1,330	140	90	44,500	38,230	4,100	1,100	1,010
1943.....	9,080	7,740	1,140	110	90	45,390	39,690	3,510	1,000	1,130
1944.....	8,960	6,970	1,610	160	210	45,010	38,090	4,230	1,170	1,550
1945.....	8,580	6,330	1,800	230	220	44,240	36,840	4,540	1,370	1,790
1946.....	8,320	6,250	1,060	210	200	40,630	39,490	4,200	1,210	2,000
1947.....	8,266	6,097	1,043	241	285	40,701	41,538	4,627	1,407	2,188
1948 ²	7,973	5,808	1,037	242	287	51,405	40,411	6,888	1,411	2,405
1949 ²	8,026	5,906	1,021	291	209	50,684	38,479	8,009	1,810	2,321
1950 ²	7,607	5,394	1,589	204	231	52,450	39,858	8,179	1,997	2,417
1951 ²	7,054	5,108	1,486	263	197	53,951	42,554	6,898	2,016	2,483
January.....	6,018	3,895	1,467	308	348	52,993	43,505	5,561	2,251	1,676
February.....	5,930	3,790	1,415	370	353	52,976	42,911	6,806	2,236	2,022
March.....	6,303	4,412	1,418	268	297	53,785	44,053	5,476	2,311	1,945
April.....	6,645	4,809	1,351	239	246	53,400	43,990	5,651	2,185	1,567
May.....	7,440	5,790	1,335	215	91	53,753	45,055	4,931	2,071	1,697
June.....	8,035	5,960	1,699	280	97	53,768	44,088	5,061	2,082	2,537
July.....	7,908	6,110	1,468	206	124	54,618	42,312	4,898	1,570	5,838
August.....	7,688	5,658	1,592	238	200	54,942	43,656	5,080	1,558	4,648
September.....	7,526	5,724	1,436	224	142	54,054	42,204	20,070	1,818	2,962
October.....	7,668	6,090	1,270	228	80	54,168	43,040	7,488	1,922	1,718
November.....	7,022	4,660	1,840	332	190	54,314	43,708	6,832	2,102	1,672
December.....	6,378	4,392	1,538	250	198	54,636	45,116	5,926	2,080	1,514

¹ Persons who had a job or business, but who did not work at all during entire survey week because of illness, bad weather, vacation, labor dispute, or because of temporary lay-off with definite instructions to return to work within 30 days of lay-off. Also persons scheduled to report within 30 days to new job.² Nonagricultural data affected by occurrence of legal holidays in survey weeks and not, therefore, directly comparable with 1947 annual averages.³ Survey week contains legal holiday.Source: Department of Commerce, Bureau of Census; *Current Population Reports*, Series P-50, Nos. 2, 13, and 19, and Series P-57.

No. 210.—EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY DIVISION: 1919 TO 1951

[In thousands. Includes all full- and part-time employees who worked during, or received pay for the pay period ending nearest 15th of month. Excludes proprietors, self-employed persons, domestic servants, and personnel of armed forces. Data have been adjusted to levels indicated by Unemployment Insurance Agencies and Bureau of Old-Age and Survivors Insurance data through 1947]

YEAR	Total	Mining	Contract construction	Manufacturing	Transportation and public utilities	Trade ¹	Finance	Service ¹	Government
1919.....	26,829	1,124	1,021	10,534	3,711	4,664	1,050	2,054	2,071
1920.....	27,088	1,230	848	10,534	3,998	4,623	1,110	2,142	2,093
1925.....	28,505	1,080	1,440	9,780	3,824	5,810	1,160	2,591	2,802
1929.....	31,041	1,078	1,497	10,534	3,907	6,401	1,431	3,127	3,096
1930.....	29,143	1,000	1,372	9,401	3,675	6,064	1,398	3,084	3,149
1935.....	26,792	888	912	8,907	2,771	5,092	1,202	2,883	3,477
1940.....	32,031	916	1,294	10,780	3,013	6,940	1,419	3,477	4,192
1941.....	36,164	947	1,790	12,974	3,248	7,416	1,462	3,705	4,622
1942.....	39,697	983	2,170	15,051	3,433	7,333	1,440	3,857	5,431
1943.....	42,042	917	1,597	17,381	3,619	7,189	1,401	3,919	6,040
1944.....	41,480	883	1,094	17,111	3,798	7,260	1,374	3,934	6,026
1945.....	40,069	826	1,132	15,302	3,872	7,522	1,394	4,055	5,967
1946.....	41,412	852	1,061	14,461	4,023	8,602	1,586	4,021	5,607
1947.....	43,371	943	1,082	15,247	4,122	9,196	1,641	4,793	5,454
1948.....	44,201	981	2,105	15,293	4,151	9,491	1,716	4,793	5,043
1949.....	43,005	932	2,156	14,140	3,979	9,438	1,763	4,732	5,811
1950.....	44,124	904	2,318	14,884	4,010	9,524	1,812	4,701	5,910
1951.....	46,401	920	2,569	15,981	4,144	9,804	1,883	4,579	6,300

¹ Automotive repair service is included under "Service" beginning 1939. It was formerly included under "Trade" through 1946.

Source: Department of Labor, Bureau of Labor Statistics. Monthly figures published currently in *Monthly Labor Review* and mimeographed releases.

No. 211.—ALL EMPLOYEES AND PRODUCTION WORKERS IN MANUFACTURING INDUSTRY GROUPS: 1949 TO 1951

[In thousands. Includes all full- and part-time employees who worked during, or received pay for the pay period ending nearest 15th of month. Data have been adjusted to levels indicated by Unemployment Insurance Agencies and the Bureau of Old-Age and Survivors Insurance data through 1947]

INDUSTRY GROUP	ALL EMPLOYEES			PRODUCTION WORKERS		
	1949	1950	1951	1949	1950	1951
Manufacturing.....	14,146	14,884	15,931	11,597	12,264	13,034
Durable goods.....	7,465	8,008	8,926	6,096	6,622	7,334
Ordnance and accessories.....	24.8	24.7	46.7	20.2	19.8	37.4
Lumber and wood products (except furniture).....	736	792	805	676	730	741
Furniture and fixtures.....	315	357	349	272	311	301
Stone, clay, and glass products.....	484	512	556	416	441	478
Primary metal industries.....	1,101	1,220	1,345	940	1,053	1,160
Fabricated metal products (except ordnance machinery, and transportation equipment).....	859	933	1,007	701	776	831
Machinery (except electrical).....	1,311	1,352	1,591	1,001	1,040	1,233
Electrical machinery.....	759	836	937	552	636	710
Transportation equipment.....	1,212	1,273	1,511	987	1,044	1,221
Instruments and related products.....	238	250	299	177	186	223
Miscellaneous manufacturing industries.....	426	459	480	354	385	402
Nondurable goods.....	6,681	6,876	7,005	5,501	5,642	5,700
Food and kindred products.....	1,623	1,542	1,555	1,172	1,168	1,170
Tobacco manufactures.....	94	88	88	87	81	81
Textile-mill products.....	1,224	1,297	1,282	1,136	1,206	1,186
Apparel and other finished textile products.....	1,136	1,159	1,100	1,022	1,042	1,030
Paper and allied products.....	447	472	494	382	404	420
Printing, publishing, and allied industries.....	727	743	763	495	503	512
Chemicals and allied products.....	694	680	749	485	496	535
Products of petroleum and coal.....	245	245	203	188	185	195
Rubber products.....	234	252	272	186	203	210
Leather and leather products.....	385	394	381	347	355	342

Source: Department of Labor, Bureau of Labor Statistics. Monthly figures published currently in the *Monthly Labor Review* and mimeographed releases.

NONAGRICULTURAL EMPLOYMENT

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No. 212.—EMPLOYEES (ANNUAL AVERAGE) IN NONAGRICULTURAL ESTABLISHMENTS, BY STATE: 1948 TO 1951

[In thousands. Prepared in cooperation with State agencies]

DIVISION AND STATE	NONAGRICULTURAL				MANUFACTURING			
	1948	1949	1950	1951	1948	1949	1950	1951
New England:								
Maine.....	264.7	251.3	253.1	271.6	113.0	105.0	108.4	116.5
New Hampshire.....	171.3	162.3	166.3	171.8	82.3	74.3	78.3	82.8
Vermont.....	98.7	94.8	96.5	99.8	37.7	34.2	35.7	39.0
Massachusetts.....	1,737.2	1,687.3	1,734.2	1,800.7	720.6	673.9	701.3	735.4
Rhode Island.....	297.4	279.6	291.8	305.5	152.2	134.0	147.2	150.9
Connecticut.....	776.6	720.1	764.7	817.3	404.9	351.0	376.7	416.7
Middle Atlantic:								
New York.....	5,634.5	5,508.1	5,618.6	5,822.7	1,886.2	1,764.0	1,828.6	1,934.0
New Jersey.....	1,645.8	1,568.5	1,606.0	1,679.2	776.7	702.9	724.5	765.4
Pennsylvania.....	3,697.3	3,475.9	3,540.6	3,716.4	1,520.3	1,356.4	1,403.3	1,494.1
East North Central:								
Ohio.....	1,221.0	1,181.4	1,264.9	1,351.2	1,237.8	1,115.1	1,183.6	1,281.0
Indiana.....	1,185.9	1,121.5	1,205.2	1,213.2	655.3	613.1	672.3	615.8
Illinois.....	3,185.9	3,050.5	3,095.2	3,213.2	1,214.8	1,115.3	1,157.5	1,212.9
Michigan.....	1,012.0	980.0	1,013.0	1,060.2	1,058.3	981.2	1,063.2	1,110.4
Wisconsin.....	793.1	773.4	795.3	826.3	437.1	404.1	427.0	450.7
West North Central:								
Minnesota.....	793.1	773.4	795.3	826.3	107.0	186.4	194.9	206.6
Iowa.....	580.6	586.6	601.9	630.3	162.2	147.7	151.6	167.1
Missouri.....	1,142.4	1,121.5	1,161.6	1,230.9	360.8	334.4	348.3	373.0
North Dakota.....	105.7	108.5	111.7	113.0	6.1	5.9	5.0	6.0
South Dakota.....	117.4	118.9	122.6	123.1	11.5	11.3	11.3	11.9
Nebraska.....	305.9	306.0	312.6	327.8	49.1	48.6	49.8	55.6
Kansas.....	440.5	444.5	458.6	501.1	84.3	86.8	92.4	116.9
South Atlantic:								
Delaware.....	703.4	676.2	693.3	741.4	46.4	44.3	46.4	50.8
Maryland.....	481.2	484.0	510.5	519.5	231.8	219.0	225.2	254.4
District of Columbia.....	763.9	760.6	844.4	844.4	16.7	16.4	16.7	17.1
Virginia.....	543.9	510.3	511.4	530.7	235.6	219.1	220.2	241.8
West Virginia.....	878.7	852.1	910.7	970.2	140.2	127.2	132.3	139.9
North Carolina.....	446.2	432.0	451.2	488.7	210.0	190.5	209.2	218.6
South Carolina.....	759.3	749.7	780.4	847.5	279.9	263.6	284.4	303.6
Georgia.....	648.7	645.2	688.0	722.4	94.9	90.8	97.1	105.4
East South Central:								
Kentucky.....	548.1	528.2	547.4	590.8	139.9	131.2	139.0	151.6
Tennessee.....	735.8	703.6	739.2	781.5	259.1	235.8	247.4	264.2
Alabama.....	593.0	593.0	606.7	648.4	226.0	208.4	216.1	226.2
Mississippi.....	290.8	285.0	296.4	312.5	90.0	77.4	86.4	93.5
West South Central:								
Arkansas.....	143.4	145.0	147.0	149.9	77.1	70.0	75.7	80.4
Louisiana.....	124.0	125.0	130.5	138.0	151.6	138.9	140.2	146.1
Oklahoma.....	459.1	462.3	473.3	501.2	66.5	64.1	65.6	73.3
Texas.....	1,842.0	1,836.1	1,913.1	2,082.9	339.0	335.9	353.2	397.9
Mountain:								
Montana.....	143.4	145.0	147.0	149.9	18.4	17.8	18.0	18.1
Idaho.....	124.0	125.0	130.5	138.0	21.3	20.0	21.8	23.8
Wyoming.....	79.4	79.1	80.7	83.9	6.3	6.0	6.0	6.2
Colorado.....	340.0	333.8	344.5	378.1	57.6	53.9	57.3	63.6
New Mexico.....	133.3	130.9	150.5	150.0	9.9	10.7	12.2	13.8
Arizona.....	154.3	152.7	169.2	176.0	15.4	14.5	15.5	19.2
Utah.....	182.8	183.2	187.9	207.0	27.5	27.7	28.5	31.3
Nevada.....	52.9	51.3	52.8	58.1	3.3	3.0	3.3	3.7
Pacific:								
Washington.....	674.3	658.7	672.1	718.0	174.5	160.4	173.9	190.3
Oregon.....	430.8	416.6	435.3	454.1	137.4	125.3	135.5	144.6
California.....	3,162.8	3,088.1	3,209.4	3,515.2	734.2	701.5	759.7	892.1

¹ Not strictly comparable with data for earlier years.

Source: Department of Labor, Bureau of Labor Statistics. Published quarterly in *Monthly Labor Review* and monthly in *Employment and Payrolls*.

No. 213.—INDEXES OF PRODUCTION-WORKER EMPLOYMENT IN MANUFACTURING INDUSTRIES, BY MONTHS (ADJUSTED FOR SEASONAL VARIATIONS): 1940 TO 1951

[1939 average=100. Based on unadjusted monthly indexes published currently in Bureau of Labor Statistics *Monthly Labor Review*]

YEAR	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
1940.....	105.8	105.3	104.2	103.5	103.5	103.9	104.7	107.3	109.5	112.0	114.1	116.6	107.6
1941.....	118.9	120.9	123.7	127.0	130.4	133.0	130.9	138.6	139.5	140.3	141.0	141.5	132.8
1942.....	143.3	145.2	147.7	150.2	152.8	154.5	157.3	160.3	163.2	166.0	169.1	172.9	156.9
1943.....	175.7	178.0	180.3	181.7	182.3	184.3	185.5	185.5	186.5	186.6	187.6	186.1	183.3
1944.....	185.1	184.5	182.5	180.5	176.4	178.3	177.3	176.6	174.8	173.8	173.1	173.8	178.3
1945.....	174.4	174.8	173.6	171.0	168.3	165.9	160.9	156.1	134.0	133.8	134.5	135.3	167.0
1946.....	137.9	128.3	137.7	145.2	146.5	148.5	150.0	153.5	154.9	155.1	157.0	157.2	147.8
1947.....	157.0	157.3	157.4	157.1	155.5	155.2	154.2	154.5	155.2	155.9	156.7	157.8	150.2
1948.....	158.2	158.6	156.9	154.0	153.9	155.0	156.0	155.3	155.3	155.0	154.4	152.4	155.2
1949.....	149.7	147.6	145.6	143.4	140.7	140.0	139.1	139.4	141.1	136.3	136.3	139.3	141.0
1950.....	140.5	140.2	141.3	143.2	147.1	148.9	150.9	155.0	156.0	157.7	157.7	158.1	149.7
1951.....	159.7	161.3	161.4	161.7	161.3	161.2	160.0	158.3	156.9	156.1	156.0	156.3	159.1

Source: Board of Governors of the Federal Reserve System. Published currently in *Federal Reserve Bulletin*.

No. 214.—EMPLOYEES IN SELECTED NONMANUFACTURING INDUSTRIES: 1949 TO 1951

[In thousands. Includes all full- and part-time employees who worked during, or received pay for pay period ending nearest 15th of month. Data have been adjusted to levels indicated by Unemployment Insurance Agencies and Bureau of Old-Age and Survivors Insurance data through 1947]

INDUSTRY	1949	1950	1951	1951					
				Feb.	Apr.	June	Aug.	Oct.	Dec.
Mining	932	904	920	930	911	927	922	917	916
Metal mining.....	100.1	101.0	104.9	105.8	103.8	105.0	105.2	104.3	106.4
Iron mining.....	33.7	35.5	37.6	36.5	30.9	38.5	30.0	38.2	37.5
Copper mining.....	27.3	28.1	28.7	29.3	28.0	28.8	28.8	27.9	28.8
Lead and zinc mining.....	20.6	19.7	20.8	21.6	20.2	20.3	20.0	20.9	21.0
Anthracite.....	77.3	75.1	69.1	72.8	67.6	70.2	68.3	67.2	67.1
Bituminous coal.....	309.0	375.6	378.2	402.3	381.9	378.4	369.6	367.0	368.5
Crude petroleum and natural gas production.....	259.0	255.3	262.2	251.5	254.6	264.8	269.5	268.7	268.8
Nonmetallic mining and quarrying.....	96.4	97.4	105.1	97.1	103.1	103.3	109.8	109.3	105.1
Transportation and public utilities	3,979	4,010	4,144	4,082	4,132	4,161	4,190	4,166	4,161
Transportation.....	2,756	2,801	2,905	2,866	2,909	2,921	2,929	2,915	2,908
Interstate railroads.....	1,367	1,390	1,449	1,429	1,463	1,468	1,468	1,440	1,420
Local railways and bus lines.....	158	148	143	144	144	143	142	141	141
Trucking and warehousing.....	548	584	628	624	624	610	621	641	651
Other transportation and services.....	984	679	686	669	678	691	698	693	690
Telephone.....	632.2	614.8	638.9	622.6	629.0	637.3	651.5	648.5	654.1
Telegraph.....	52.5	47.2	47.9	47.9	48.4	48.3	47.7	47.5	47.3
Other public utilities.....	537	546	551	545	545	553	561	564	561
Trade	9,438	9,524	9,804	9,554	9,627	9,732	9,641	9,898	10,660
Wholesale trade.....	2,522	2,544	2,602	2,593	2,579	2,581	2,591	2,622	2,557
Retail trade.....	6,916	6,980	7,203	6,961	7,048	7,151	7,045	7,271	8,003
General merchandise stores.....	1,480	1,493	1,535	1,481	1,453	1,468	1,399	1,550	2,002
Food and liquor stores.....	1,198	1,209	1,272	1,267	1,264	1,270	1,280	1,281	1,316
Automotive and accessories dealers.....	676	728	749	735	730	750	757	748	768
Apparel and accessories stores.....	554	536	550	515	542	548	500	561	651
Other retail trade.....	3,008	3,014	3,097	3,023	3,050	3,125	3,129	3,131	3,176
Finance	1,763	1,812	1,893	1,839	1,865	1,893	1,914	1,898	1,912
Banks and trust companies.....	416	427	490	446	451	460	471	467	472
Security dealers and exchanges.....	55.5	59.6	63.7	63.4	63.9	63.8	64.3	63.7	64.1
Insurance carriers and agents.....	619	646	674	657	662	671	680	682	690
Other finance agencies and real estate.....	672	680	686	673	688	698	689	685	686
Service ¹	4,782	4,761	4,759	4,657	4,745	4,835	4,839	4,770	4,702
Hotels and lodging places.....	464	456	455	432	445	478	507	437	426
Laundries.....	352.2	353.5	358.6	350.9	354.4	364.8	364.5	360.0	356.2
Cleaning and dyeing plants.....	146.9	147.5	154.5	145.1	153.0	161.3	153.3	159.3	154.3
Motion pictures.....	237	241	245	240	240	248	245	244	241

¹ Includes industries not shown separately.

Source: Department of Labor, Bureau of Labor Statistics. Monthly figures published currently in *Monthly Labor Review* and in mimeographed releases.

FARM EMPLOYMENT AND WAGE RATES

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No. 215.—FARM EMPLOYMENT AND WAGE RATES: 1909 TO 1951

[See also *Historical Statistics*, series D 172-176 and E 61-68 for unrevised data]

YEAR	NUMBER OF WORKERS ¹ (THOUSANDS)			FARM WAGE RATES ²				Index of farm wage rates (1910- 14=100)
	Total	Family ³	Hired ⁴	Per month		Per day		
				With board	Without board	With board	Without board	
1909	12, 209	9, 341	2, 868	\$22.00	\$28.00	\$1. 00	\$1. 25	96
1910	12, 140	9, 269	2, 877	21.00	28.00	1. 05	1. 35	96
1915	11, 981	9, 047	2, 934	22.50	30.00	1. 10	1. 40	102
1917	11, 789	8, 856	2, 933	31.00	40.50	1. 55	1. 90	141
1918	11, 348	8, 507	2, 841	37.50	48.50	2. 05	2. 45	177
1920	11, 362	8, 479	2, 883	51.00	65.00	2. 80	3. 30	241
1925	11, 466	8, 579	2, 887	38.50	49.00	2. 00	2. 35	183
1929	11, 282	8, 302	2, 980	40.00	51.00	2. 00	2. 30	187
1930	11, 161	8, 329	2, 832	37.50	48.00	1. 80	2. 15	175
1935	11, 654	9, 130	2, 524	22.00	30.50	1. 10	1. 35	110
1940	11, 671	8, 866	2, 805	27.50	37.50	1. 30	1. 60	131
1941	11, 419	8, 652	2, 767	34.50	44.50	1. 05	1. 95	160
1942	11, 458	8, 689	2, 769	45.50	59.00	2. 20	2. 55	208
1943	11, 329	8, 704	2, 625	59.00	77.00	2. 90	3. 30	274
1944	11, 055	8, 643	2, 412	71.00	91.00	3. 50	3. 95	323
1945	10, 813	8, 548	2, 265	79.00	101.00	3. 85	4. 35	366
1946	11, 092	8, 766	2, 326	86.00	108.00	4. 20	4. 80	399
1947	11, 166	8, 759	2, 407	92.00	117.00	4. 50	5. 10	424
1948	11, 080	8, 595	2, 485	99.00	124.00	4. 80	5. 40	445
1948 ¹				101.00	122.00	4. 50	4. 45	445
1949	10, 756	8, 326	2, 430	99.00	121.00	4. 45	4. 45	430
1950	10, 351	8, 043	2, 308	99.00	121.00	4. 45	4. 50	432
1951	10, 022	7, 799	2, 223	113.00	137.00	5. 00	5. 00	481

¹ Data have been revised and are arithmetic means of monthly estimates of persons employed during last complete calendar week in each month ending at least one day before last of month.

² Weighted averages of wage rates as reported quarterly by crop reporters.

³ Includes farm operators doing one or more hours of farm work and members of their families doing 15 hours or more of unpaid farm work during survey week.

⁴ Includes all persons doing one or more hours of farm work for pay during survey week. Members of operator's families doing any farm work for cash wages are counted as hired workers.

⁵ New series of wage rates begun in 1948; not entirely comparable with those of previous years.

Source: Department of Agriculture, Bureau of Agricultural Economics; monthly report, *Farm Labor*.

No. 216.—FARM EMPLOYMENT, BY GEOGRAPHIC DIVISIONS: 1949, 1950, AND 1951

[In thousands. For last week in each month ending at least one day before last of month]

GEOGRAPHIC DIVISIONS	1949		1950				1951			
	Dec. 18-24	Mar. 19-25	June 18-24	Sept. 17-23	Dec. 24-30	Mar. 18-24	June 17-23	Sept. 23-29	Dec. 23-29	
TOTAL WORKERS										
United States.....	7,150	9,374	11,692	13,703	6,782	8,996	11,334	13,352	6,524	
New England.....	171	207	258	273	163	199	260	279	165	
Middle Atlantic.....	482	536	725	736	453	545	695	718	460	
East North Central.....	1,206	1,413	1,730	1,657	1,184	1,375	1,695	1,608	1,120	
West North Central.....	1,393	1,594	2,086	2,068	1,347	1,611	1,931	1,955	1,232	
South Atlantic.....	1,248	1,965	2,498	2,776	1,159	1,832	2,454	2,664	1,094	
East South Central.....	1,009	1,458	1,741	2,828	960	1,409	1,706	2,880	899	
West South Central.....	958	1,457	1,543	2,111	878	1,396	1,502	2,044	875	
Mountain.....	272	315	480	546	260	300	450	513	258	
Pacific.....	411	429	631	708	378	420	632	691	371	
HIRE WORKERS ¹										
United States.....	953	1,743	3,106	3,852	885	1,672	3,060	3,621	836	
New England.....	37	54	72	102	35	53	80	112	33	
Middle Atlantic.....	90	99	208	236	82	104	193	219	86	
East North Central.....	116	176	309	402	118	171	320	377	104	
West North Central.....	102	157	447	369	103	141	355	328	94	
South Atlantic.....	207	459	803	574	189	446	844	521	173	
East South Central.....	107	318	372	800	99	208	389	324	87	
West South Central.....	93	257	395	751	84	234	370	658	81	
Mountain.....	61	63	187	224	61	63	181	202	62	
Pacific.....	140	160	313	304	114	162	328	380	116	

¹ Includes all persons doing one or more hours of farm work for pay during survey week. Members of operator's families doing any farm work for cash wages are counted as hired workers.

Source: Department of Agriculture, Bureau of Agricultural Economics; monthly report, *Farm Labor*.

NO. 217.—FARM WAGE RATES, BY GEOGRAPHIC DIVISION: 1950 AND 1951

[Some wage rates in certain geographic divisions not obtained because seldom used]

GEOGRAPHIC DIVISIONS	1950					1951				
	Jan. 1	Apr. 1	July 1	Oct. 1	Annual average	Jan. 1	Apr. 1	July 1	Oct. 1	Annual average
Per month with board and room:										
United States.....	\$96.00	\$92.00	\$98.00	\$102.00	\$99.00	\$105.00	\$107.00	\$115.00	\$116.00	\$113.00
New England.....	95.00	92.00	93.00	98.00	95.00	102.00	106.00	112.00	112.00	109.00
Middle Atlantic.....	89.00	90.00	91.00	96.00	93.00	97.00	102.00	109.00	109.00	106.00
East North Central.....	89.00	91.00	93.00	99.00	94.00	99.00	107.00	111.00	111.00	109.00
West North Central.....	93.00	96.00	104.00	103.00	101.00	101.00	113.00	120.00	117.00	115.00
Mountain.....	116.00	122.00	123.00	128.00	124.00	126.00	142.00	146.00	144.00	142.00
Pacific.....	143.00	144.00	160.00	162.00	149.00	156.00	160.00	164.00	162.00	161.00
Per month with house:										
United States.....	118.00	113.00	126.00	123.00	121.00	127.00	128.00	146.00	138.00	137.00
New England.....	126.00	123.00	124.00	126.00	128.00	140.00	144.00	148.00	142.00	144.00
Middle Atlantic.....	124.00	124.00	128.00	130.00	128.00	133.00	138.00	143.00	150.00	144.00
East North Central.....	117.00	118.00	118.00	121.00	120.00	126.00	136.00	140.00	140.00	137.00
West North Central.....	117.00	121.00	126.00	126.00	124.00	125.00	141.00	144.00	140.00	140.00
Mountain.....	150.00	157.00	152.00	158.00	156.00	163.00	176.00	176.00	176.00	176.00
Pacific.....	190.00	187.00	184.00	192.00	190.00	202.00	202.00	209.00	210.00	208.00
Per week with board and room:										
United States.....	22.25	22.25	23.75	24.75	23.50	24.25	26.00	28.00	28.50	27.25
New England.....	25.00	24.25	24.00	26.00	25.00	26.00	28.00	31.00	30.50	29.75
Middle Atlantic.....	23.50	24.50	25.00	26.25	25.25	26.00	27.75	28.25	29.75	28.25
Per week without board or room:										
United States.....	29.25	29.50	32.25	31.25	31.00	31.75	33.50	35.25	35.25	34.50
New England.....	36.00	35.00	35.50	37.00	36.25	38.00	40.00	41.00	41.50	40.75
Middle Atlantic.....	32.50	34.00	35.00	35.00	34.75	36.00	37.75	38.25	40.25	38.50
Per day with board and room:										
United States.....	4.15	3.80	4.30	4.50	4.45	4.50	4.35	5.40	5.00	5.00
East North Central.....	4.55	4.55	4.90	4.95	4.80	4.85	5.20	5.50	5.50	5.40
West North Central.....	4.85	4.80	5.50	5.40	5.30	5.20	5.60	6.30	6.20	6.10
Per day with house:										
United States.....	3.50	3.30	3.45	3.70	3.50	3.75	3.75	3.90	4.10	3.90
South Atlantic.....	3.35	3.30	3.25	3.40	3.35	3.55	3.75	3.70	3.85	3.80
East South Central.....	2.70	2.75	2.80	3.00	2.85	3.00	3.05	3.20	3.30	3.20
West South Central.....	3.90	3.70	4.05	4.20	3.95	4.15	4.25	4.65	4.70	4.50
Per day without board or room:										
United States.....	4.30	4.15	4.40	4.95	4.50	4.65	4.70	4.95	5.50	5.00
New England.....	6.10	6.30	6.30	6.70	6.40	6.80	7.10	7.30	7.40	7.30
Middle Atlantic.....	5.90	5.90	6.00	6.40	6.20	6.40	6.00	7.10	7.10	7.00
East North Central.....	5.70	5.70	6.00	6.10	6.00	6.10	6.50	6.90	6.80	6.80
West North Central.....	6.10	6.10	6.60	6.80	6.70	6.50	7.00	7.80	7.00	7.50
South Atlantic.....	3.95	3.90	3.90	4.10	3.95	4.25	4.40	4.40	4.65	4.45
East South Central.....	3.30	3.25	3.35	3.60	3.40	3.60	3.65	3.85	3.95	3.80
West South Central.....	4.30	4.30	4.50	4.85	4.55	4.70	4.75	5.20	5.40	5.10
Mountain.....	5.80	6.30	6.50	6.90	6.60	6.20	6.90	7.30	7.50	7.30
Per hour with house:										
United States.....	.56	.51	.67	.75	.62	.59	.57	.75	.81	.69
South Atlantic.....	.45	.43	-----	-----	.46	.46	.49	-----	-----	.50
East South Central.....	.38	.38	-----	-----	.40	.41	.42	-----	-----	.43
West South Central.....	.47	.46	-----	-----	.48	.51	.51	-----	-----	.54
Pacific.....	.85	.83	.85	.83	.86	.92	.91	.94	.94	.93
Per hour without board or room:										
United States.....	.75	.70	.73	.66	.69	.79	.78	.82	.73	.77
New England.....	.84	.82	.83	.87	.85	.90	.92	.94	.96	.95
Middle Atlantic.....	.77	.77	.80	.83	.81	.84	.87	.90	.93	.91
East North Central.....	.79	.78	.82	.84	.83	.84	.88	.92	.93	.92
West North Central.....	.83	.82	.86	.86	.86	.87	.88	.95	.94	.94
South Atlantic.....	.51	.51	.48	.51	.50	.55	.57	.64	.68	.63
East South Central.....	.46	.46	.45	.46	.46	.49	.50	.51	.52	.52
West South Central.....	.53	.53	.53	.58	.57	.60	.59	.61	.64	.63
Mountain.....	.76	.79	.80	.84	.82	.79	.88	.90	.90	.89
Pacific.....	.92	.89	.91	.94	.92	.97	.98	1.01	1.02	1.01

Source: Department of Agriculture, Bureau of Agricultural Economics; monthly report, *Farm Labor*.

EMPLOYMENT STATUS

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No. 218.—EMPLOYMENT STATUS OF THE POPULATION, BY SEX, BY REGIONS (WITH NONWHITE FOR THE UNITED STATES AND THE SOUTH): 1950

[In thousands. Data based on preliminary sample of Census returns. See source for explanation of sampling variability]

SEX AND EMPLOYMENT STATUS	UNITED STATES		North-east	North Central	SOUTH		West
	Total	Non-white			Total	Non-white	
Total, 14 years and over	111, 915	10, 733	30, 523	33, 326	33, 482	6, 875	14, 584
Total labor force.....	59, 592	5, 925	16, 365	17, 887	17, 627	3, 743	7, 813
Civilian labor force.....	58, 735	5, 848	16, 123	17, 804	17, 190	3, 709	7, 608
Employed.....	55, 843	5, 355	15, 182	17, 115	16, 516	3, 475	7, 060
At work.....	54, 210	5, 184	14, 787	16, 665	16, 090	3, 360	6, 787
With a job but not at work.....	1, 634	172	385	550	425	115	273
Unemployed.....	2, 892	492	971	1, 089	684	234	548
Not in labor force.....	52, 323	4, 808	14, 188	15, 439	15, 855	3, 132	6, 770
Keeping house.....	32, 244	2, 379	8, 495	9, 907	9, 795	1, 554	4, 187
Unable to work.....	4, 625	624	1, 249	1, 296	1, 611	425	468
Inmate of institution.....	1, 593	225	593	435	357	108	207
Other and not reported.....	13, 862	1, 580	3, 822	3, 801	4, 282	1, 044	1, 957
Male, 14 years and over	54, 923	5, 250	14, 813	16, 368	16, 477	3, 369	7, 265
Total labor force.....	43, 268	3, 882	11, 574	13, 141	12, 908	2, 500	5, 645
Civilian labor force.....	42, 440	3, 811	11, 398	13, 068	12, 592	2, 471	5, 448
Employed.....	40, 317	3, 488	10, 589	12, 553	12, 122	2, 353	5, 087
At work.....	39, 268	3, 401	10, 365	12, 159	11, 873	2, 280	4, 881
With a job but not at work.....	1, 049	88	231	394	249	63	170
Unemployed.....	2, 120	323	732	615	470	138	391
Not in labor force.....	11, 655	1, 368	3, 239	3, 227	3, 570	869	1, 620
Keeping house.....	289	39	85	70	85	21	49
Unable to work.....	2, 791	332	733	805	973	226	279
Inmate of institution.....	981	191	320	244	254	101	163
Other and not reported.....	7, 595	806	2, 101	2, 108	2, 258	521	1, 129
Female, 14 years and over	56, 991	5, 483	15, 711	16, 958	17, 004	3, 505	7, 318
Total labor force.....	16, 323	2, 043	4, 791	4, 746	4, 619	1, 242	2, 168
Civilian labor force.....	16, 289	2, 037	4, 785	4, 736	4, 608	1, 235	2, 160
Employed.....	15, 526	1, 837	4, 566	4, 693	4, 394	1, 142	2, 003
At work.....	14, 942	1, 783	4, 412	4, 406	4, 217	1, 080	1, 906
With a job but not at work.....	584	84	154	155	177	62	157
Unemployed.....	763	170	219	173	214	95	260
Not in labor force.....	40, 668	3, 440	10, 920	12, 212	12, 386	2, 263	5, 150
Keeping house.....	31, 956	2, 340	8, 410	9, 837	9, 621	1, 532	4, 088
Unable to work.....	1, 834	292	515	491	657	199	190
Inmate of institution.....	612	34	273	191	104	8	84
Other and not reported.....	6, 266	774	1, 721	1, 693	2, 024	524	820

Source: Dept. of Commerce, Bureau of Census; 1950 Census of Population, *Preliminary Reports*, PC-7, No. 2.

No. 219.—MAJOR INDUSTRY GROUP OF EMPLOYED PERSONS, BY SEX: 1940 AND 1950

[In thousands. 1950 data based on preliminary sample of Census returns. See source for explanation of sampling variability. 1940 data are revised]

MAJOR INDUSTRY GROUP	TOTAL		MALE		FEMALE	
	1940	1950	1940	1950	1940	1950
Total	44, 888	55, 843	33, 750	40, 317	11, 138	15, 526
Agriculture.....	8, 372	7, 138	7, 887	6, 516	485	622
Mining.....	913	971	902	949	11	21
Construction.....	2, 056	3, 480	2, 022	3, 375	34	105
Manufacturing.....	10, 573	14, 110	8, 250	10, 566	2, 322	3, 545
Durable goods.....	5, 114	7, 361	4, 558	6, 236	555	1, 125
Nondurable goods.....	5, 276	6, 566	3, 557	4, 193	1, 719	2, 373
Not specified manufacturing.....	184	183	136	137	48	46
Transportation, communication, and other public utilities.....	3, 089	4, 252	2, 740	3, 554	340	698
Wholesale and retail trade.....	7, 539	10, 392	5, 509	6, 933	2, 030	3, 459
Food stores.....	10, 116	12, 037	4, 756	5, 922	5, 360	6, 114
Other industries.....	1, 541	2, 005	1, 224	2, 004	317	602
Industry not reported.....	689	859	451	408	238	361

Source: Department of Commerce, Bureau of Census; 1950 Census of Population, *Preliminary Reports*, PC-7 No. 2.

No. 220.—MAJOR OCCUPATION GROUP OF EMPLOYED PERSONS, BY SEX: 1951

[Thousands of persons 14 years old and over. See headnote, table 207]

MAJOR OCCUPATION GROUP	MALE				FEMALE			
	Jan.	Apr.	July	Oct.	Jan.	Apr.	July	Oct.
Total employed	41,433	42,154	43,504	42,632	17,577	17,890	19,022	19,204
Professional, technical, and kindred workers.....	2,964	2,987	2,890	3,074	1,843	1,784	1,617	1,992
Farmers and farm managers.....	3,591	3,944	3,995	3,766	184	205	212	232
Managers, officials, and proprietors, except farm.....	5,138	5,202	5,101	5,226	969	1,039	1,092	1,112
Clerical and kindred workers.....	2,736	2,643	2,601	2,710	4,784	4,931	5,128	5,088
Sales workers.....	2,255	2,354	2,480	2,302	1,395	1,264	1,407	1,482
Craftsmen, foremen, and kindred workers.....	7,849	8,280	8,325	8,316	243	211	250	262
Operatives and kindred workers.....	8,903	8,833	9,160	8,924	3,042	3,737	3,721	3,572
Private household workers.....	68	49	54	28	1,851	1,872	1,851	1,704
Service workers, except private household.....	2,626	2,377	2,647	2,580	2,136	2,143	2,150	2,096
Farm laborers and foremen.....	1,606	1,731	2,179	1,942	448	608	1,413	1,568
Laborers, except farm and mine.....	3,697	3,753	4,172	3,764	82	97	118	126

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-57, Nos. 103, 106, 109, and 112.

No. 221.—MAJOR OCCUPATION GROUP OF EMPLOYED PERSONS, BY SEX: 1940 AND 1950

[In thousands. 1950 data based on preliminary sample of Census returns. See source for explanation of sampling variability. 1940 data are revised]

MAJOR OCCUPATION GROUP	TOTAL		MALE		FEMALE	
	1940	1950	1940	1950	1940	1950
Total	44,888	55,843	33,750	40,317	11,138	15,526
Professional, technical, and kindred workers.....	3,554	4,944	2,066	2,994	1,488	1,950
Farmers and farm managers.....	5,144	4,453	4,932	4,327	162	126
Managers, officials, and proprietors, excluding farm.....	3,727	5,010	3,304	4,346	424	664
Clerical and kindred workers.....	4,381	6,776	2,023	2,625	2,357	4,151
Sales workers.....	2,905	3,740	2,124	2,502	781	1,238
Craftsmen, foremen, and kindred workers.....	5,127	7,632	5,020	7,380	108	252
Operatives and kindred workers.....	8,168	11,054	6,122	8,076	2,045	2,978
Private household workers.....	2,078	1,457	109	74	1,969	1,383
Service workers, except private household.....	3,238	4,145	1,977	2,258	1,261	1,887
Farm laborers, except unpaid, and foremen.....	1,925	1,562	1,828	1,420	97	142
Farm laborers, unpaid family workers.....	1,165	941	942	610	223	331
Laborers, except farm and mine.....	3,098	3,348	2,999	3,233	98	116
Occupation not reported.....	379	780	245	473	134	307

Source: Department of Commerce, Bureau of the Census; 1950 Census of Population, *Preliminary Reports*, PC-7, No. 2.

No. 222.—CLASS OF WORKER OF EMPLOYED PERSONS, BY SEX, BY REGIONS (WITH NONWHITE FOR THE UNITED STATES AND THE SOUTH): 1940 AND 1950

[In thousands. 1950 data based on preliminary sample of Census returns. See source for explanation of sampling variability. 1940 data are revised]

YEAR, SEX, AND CLASS OF WORKER	UNITED STATES		North-east	North Central	SOUTH		West
	Total	Nonwhite			Total	Nonwhite	
1940							
Total	44,888	4,663	12,786	13,737	13,655	3,590	4,709
Private wage and salary workers.....	30,121	3,370	9,954	9,055	7,977	2,302	3,135
Government workers.....	3,567		1,023	1,029	1,047	135	467
Self-employed workers.....	9,758		1,690	3,240	3,809	849	1,018
Unpaid family workers.....	1,443		119	413	822	303	89
Male	33,750	3,089	9,144	10,596	10,398	2,391	3,612
Private wage and salary workers.....	21,657	2,121	6,900	6,637	5,747	1,447	2,394
Government workers.....	2,256		673	635	638	74	309
Self-employed workers.....	8,819		1,491	2,998	3,437	699	892
Unpaid family workers.....	1,019		70	325	576	171	48
Female	11,138	1,575	3,643	3,142	3,257	1,199	1,097
Private wage and salary workers.....	8,464	1,255	3,045	2,418	2,230	856	771
Government workers.....	1,311		350	393	409	61	169
Self-employed workers.....	939		198	242	372	150	126
Unpaid family workers.....	424		49	88	246	132	41
1950							
Total	55,843	5,355	15,152	17,115	16,516	3,475	7,060
Private wage and salary workers.....	39,486	3,958	11,934	12,003	10,671	2,394	4,878
Government workers.....	5,585	484	1,401	1,528	1,738	280	918
Self-employed workers.....	9,563	686	1,722	3,196	3,470	586	1,175
Unpaid family workers.....	1,209	227	95	388	637	216	89
Male	40,317	3,488	10,586	12,553	12,122	2,333	5,057
Private wage and salary workers.....	27,433	2,461	8,082	8,466	7,469	1,528	3,415
Government workers.....	3,559	301	936	946	1,081	162	597
Self-employed workers.....	8,659	599	1,528	2,944	3,174	520	1,014
Unpaid family workers.....	665	127	40	197	397	123	31
Female	15,526	1,867	4,566	4,563	4,394	1,142	2,003
Private wage and salary workers.....	12,053	1,498	3,852	3,537	3,201	866	1,463
Government workers.....	2,025	182	405	582	657	117	321
Self-employed workers.....	904	87	194	252	269	60	162
Unpaid family workers.....	544	99	55	191	240	93	58

Source: Department of Commerce, Bureau of the Census, 1950 Census of Population, *Preliminary Reports*, PC-7, No. 2.

No. 223.—SOCIAL-ECONOMIC GROUP OF PERSONS 14 YEARS OLD AND OVER IN THE EXPERIENCED LABOR FORCE IN 1940 AND GAINFUL WORKERS 14 YEARS OLD AND OVER IN 1930, IN 1920, AND IN 1910, BY SEX

[See also *Historical Statistics*, series D 77-89]

SOCIAL-ECONOMIC GROUP AND SEX	NUMBER				PERCENT DISTRIBUTION			
	Experi- enced labor force, 1940 ¹	Gainful workers			1940	1930	1920	1910
		1930	1920	1910				
Total.....	52,020,023	48,594,592	41,236,185	37,271,360	100.0	100.0	100.0	100.0
Professional persons.....	3,381,993	2,945,605	2,049,919	1,632,185	6.5	6.1	5.0	4.4
Proprietors, managers, and officials.....	9,233,643	9,666,489	9,180,483	8,579,458	17.8	19.9	22.3	23.0
Farmers (owners and tenants).....	5,274,706	6,012,012	6,387,358	6,132,368	10.1	12.4	15.5	16.5
Wholesale and retail dealers.....	2,037,900	1,786,996	1,401,761	1,245,801	3.9	3.7	3.4	3.3
Other proprietors, managers, and officials.....	1,921,037	1,866,481	1,391,374	1,201,289	3.7	3.8	3.4	3.2
Clerks and kindred workers.....	8,923,939	7,936,285	6,682,150	5,804,474	17.2	16.3	13.8	10.2
Skilled workers and foremen.....	6,104,085	6,282,666	5,570,533	4,363,984	11.7	12.9	13.5	11.7
Semiskilled workers.....	10,918,312	7,972,711	6,631,733	5,489,315	21.0	16.4	16.1	14.7
Semiskilled workers in manufacturing.....	(²)	4,555,905	4,352,320	3,663,808	(²)	9.4	10.6	9.8
Other semiskilled workers.....	(²)	3,416,806	2,279,404	1,835,507	(²)	7.0	5.5	4.9
Unskilled workers.....	13,457,151	13,791,837	12,121,367	13,401,944	26.9	28.4	29.4	30.0
Farm laborers.....	3,708,191	4,187,201	3,857,833	5,407,102	7.1	8.0	9.4	14.5
Laborers, except farm.....	5,666,493	6,272,700	6,018,944	5,461,957	10.7	12.9	14.6	14.7
Factory and bldg. const. laborers.....	(²)	3,371,492	3,131,734	2,647,096	(²)	6.9	7.6	7.1
Other laborers.....	(²)	2,001,208	2,887,210	2,814,861	(²)	6.0	7.0	7.6
Servant classes.....	4,182,467	3,331,936	2,244,590	2,532,885	8.0	6.9	5.4	6.8
Male.....	39,445,945	37,915,544	32,806,478	29,432,534	100.0	100.0	100.0	100.0
Professional persons.....	1,846,641	1,497,830	1,061,664	913,637	4.7	4.0	3.2	3.1
Proprietors, managers, and officials.....	8,701,806	9,159,840	8,757,520	8,183,312	22.1	24.2	26.7	27.8
Farmers (owners and tenants).....	5,120,943	5,749,367	6,121,781	5,850,228	13.0	15.2	18.7	19.9
Wholesale and retail dealers.....	1,858,017	1,675,146	1,321,989	1,177,808	4.7	4.4	4.0	4.0
Other proprietors, managers, and officials.....	1,722,846	1,735,336	1,313,756	1,146,276	4.4	4.0	4.0	3.9
Clerks and kindred workers.....	5,268,065	4,894,778	3,490,728	2,723,293	13.4	12.8	10.6	9.2
Skilled workers and foremen.....	6,001,173	6,201,520	5,468,079	4,267,251	15.2	16.4	16.7	14.5
Semiskilled workers.....	7,836,107	5,444,413	4,371,477	3,314,058	18.6	14.4	13.3	11.2
Semiskilled workers in manufacturing.....	(²)	2,879,861	2,686,138	2,021,605	(²)	7.0	8.2	6.9
Other semiskilled workers.....	(²)	2,564,552	1,685,339	1,292,453	(²)	6.8	5.1	4.4
Unskilled workers.....	10,291,654	10,747,154	9,656,104	10,080,938	26.1	28.3	29.4	34.2
Farm laborers.....	3,362,430	3,606,736	3,162,121	4,132,237	8.5	9.5	9.6	14.0
Laborers, except farm.....	5,436,743	6,116,299	5,819,073	5,356,464	13.8	16.1	17.7	18.2
Factory and bldg. const. laborers.....	(²)	3,246,312	2,963,036	2,550,451	(²)	8.6	9.0	8.7
Other laborers.....	(²)	2,869,987	2,856,037	2,797,013	(²)	7.6	8.7	9.5
Servant classes.....	1,492,481	1,024,119	674,910	592,282	3.8	2.7	2.1	2.0
Female.....	12,574,078	10,679,048	8,429,707	7,838,826	100.0	100.0	100.0	100.0
Professional persons.....	1,535,452	1,447,775	988,255	718,548	12.2	13.6	11.7	9.2
Proprietors, managers, and officials.....	531,838	505,640	422,957	396,146	4.2	4.7	5.0	5.1
Farmers (owners and tenants).....	153,763	262,645	265,577	273,140	1.2	2.5	3.2	3.5
Wholesale and retail dealers.....	179,883	111,850	79,762	67,993	1.4	1.0	.9	.9
Other proprietors, managers, and officials.....	198,192	131,145	77,618	55,013	1.6	1.2	.9	.7
Clerks and kindred workers.....	3,655,274	3,071,507	2,101,422	1,081,181	29.1	25.8	26.0	13.9
Skilled workers and foremen.....	103,812	81,146	101,554	96,733	.8	.8	1.2	1.2
Semiskilled workers.....	3,552,205	2,528,208	2,260,256	2,175,257	28.5	23.7	26.8	27.0
Semiskilled workers in manufacturing.....	(²)	1,676,044	1,066,191	1,632,203	(²)	15.7	19.8	21.0
Other semiskilled workers.....	(²)	852,254	594,065	543,054	(²)	8.0	7.0	7.0
Unskilled workers.....	3,165,497	3,044,683	2,465,203	3,320,061	25.2	28.5	29.2	42.6
Farm laborers.....	345,761	580,465	695,712	1,274,865	2.7	5.4	8.3	10.4
Laborers, except farm.....	129,750	156,401	199,871	105,493	1.0	1.5	2.4	1.4
Factory and bldg. const. laborers.....	(²)	125,180	168,698	87,045	(²)	1.2	2.0	1.1
Other laborers.....	(²)	31,221	31,173	17,848	(²)	.3	.4	.2
Servant classes.....	2,686,086	2,307,817	1,560,680	1,940,603	21.4	21.6	18.6	24.6

¹ Comprises a summation of the complete count of present occupations for employed persons (except on emergency work) and of the tabulations from Sample B (see p. 1) of usual occupations for persons on emergency work and for experienced workers seeking work.

² Comparable figures not available.

Source: Department of Commerce, Bureau of the Census; special report of Sixteenth Census, *Comparative Occupation Statistics for the United States, 1870 to 1930*.

No. 224.—HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING AND SELECTED INDUSTRIES: 1949, 1950, AND JULY 1951

[Data are based upon reports from cooperating establishments covering both full- and part-time production and related workers who worked during, or received pay for, the pay period ending nearest 15th of month]

INDUSTRY	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	1949	1950	July 1951	1949	1950	July 1951	1949	1950	July 1951
Manufacturing.....	\$54.92	\$59.33	\$64.24	39.2	40.5	40.2	\$1.401	\$1.465	\$1.598
Durable.....	58.03	63.32	68.79	39.5	41.2	40.9	1.469	1.537	1.682
Non-durable.....	51.41	54.71	68.48	38.8	39.7	39.3	1.325	1.378	1.488
Meat packing.....	58.02	60.94	60.81	41.5	41.0	41.7	1.398	1.495	1.674
Canning and preserving.....	43.77	46.81	49.20	38.8	39.3	40.8	1.128	1.191	1.206
Flour and other grain-mill products.....	58.91	60.95	68.54	44.7	44.1	46.5	1.318	1.382	1.474
Bakery products.....	51.67	53.54	58.15	41.7	41.5	42.2	1.239	1.290	1.378
Confectionery.....	42.63	44.81	47.10	39.8	39.9	38.7	1.071	1.123	1.217
Bottled soft drinks.....	48.40	49.12	56.16	43.8	42.0	45.4	1.105	1.145	1.237
Malt liquors.....	69.46	72.06	81.42	41.1	40.8	42.1	1.690	1.781	1.934
Cigarettes.....	46.33	50.10	53.70	37.7	39.0	39.2	1.229	1.287	1.370
Cigars.....	32.41	35.76	37.83	36.7	36.9	36.8	.884	.900	1.028
Tobacco and snuff.....	39.10	42.70	44.09	37.2	37.7	37.0	1.051	1.135	1.216
Knit underwear.....	36.34	39.00	40.55	36.2	37.5	35.6	1.004	1.056	1.139
Dyeing and finishing textiles.....	51.50	53.87	52.55	40.3	40.9	37.3	1.278	1.317	1.409
Wool carpets, rugs, and carpet yarn.....	56.23	62.72	54.02	38.7	41.1	35.0	1.453	1.526	1.560
Fur-felt hats and hat bodies.....	40.21	51.05	50.38	35.3	35.9	34.2	1.304	1.422	1.473
Shirts, collars, and nightwear.....	33.37	36.20	35.30	36.0	36.7	33.4	.927	.988	1.057
Work shirts.....	27.44	31.34	32.62	35.5	35.9	35.3	.773	.873	.924
Millinery.....	53.55	54.21	57.60	35.3	35.2	35.9	1.517	1.540	1.606
Pulp, paper, and paperboard mills.....	59.83	65.00	71.73	42.4	43.9	44.5	1.411	1.482	1.612
Paperboard containers and boxes.....	52.45	57.96	58.59	41.2	43.0	40.6	1.273	1.348	1.443
Lithographing.....	69.17	73.04	76.42	39.3	40.0	40.2	1.760	1.826	1.901
Synthetic fibers.....	55.20	58.40	63.32	38.6	39.3	39.5	1.430	1.486	1.603
Paints, pigments, and fillers.....	59.78	64.80	68.84	41.0	42.3	41.8	1.458	1.532	1.647
Fertilizers.....	44.72	47.00	54.36	41.6	41.3	42.6	1.075	1.138	1.276
Soap and glycerin.....	66.54	71.81	76.40	40.9	41.7	40.0	1.627	1.722	1.868
Petroleum refining.....	75.33	77.93	87.94	40.2	40.4	41.6	1.874	1.929	2.114
Coke and byproducts.....	61.07	62.85	70.88	39.3	39.7	40.5	1.554	1.583	1.750
Tires and inner tubes.....	63.26	72.48	83.67	36.4	39.8	41.4	1.738	1.821	2.021
Rubber footwear.....	48.04	52.21	54.68	38.6	40.1	39.0	1.268	1.302	1.402
Leather.....	54.11	57.21	59.44	38.9	39.7	38.5	1.391	1.441	1.544
Footwear (except rubber).....	39.35	41.99	44.39	35.9	36.9	36.3	1.096	1.138	1.223
Cement, hydraulic.....	57.49	60.13	65.70	41.6	41.7	41.4	1.382	1.442	1.589
Structural clay products.....	49.73	54.19	60.96	39.0	40.5	41.5	1.275	1.338	1.469
Pottery and related products.....	48.85	52.16	55.37	36.4	37.5	36.5	1.342	1.391	1.517
Blast furnaces, steel works, and rolling mills.....	63.04	67.47	77.64	38.3	39.9	40.8	1.646	1.691	1.903
Malleable-iron foundries.....	54.30	55.46	69.37	35.7	41.3	40.9	1.521	1.585	1.696
Steel foundries.....	56.73	65.43	74.45	37.3	41.1	42.3	1.521	1.692	1.760
Primary smelting and refining of non-ferrous metals.....	60.36	63.71	69.90	40.4	41.0	40.9	1.494	1.554	1.700
Iron and steel forgings.....	63.18	74.09	82.15	38.2	41.6	42.3	1.654	1.781	1.942
Tin cans and other tinware.....	56.24	60.90	66.68	40.4	41.6	41.6	1.392	1.404	1.603
Cutlery and edge tools.....	50.84	55.54	58.65	40.0	41.7	40.7	1.271	1.332	1.441
Sanitary ware and plumbers' supplies.....	59.79	67.04	74.13	38.5	41.6	41.0	1.553	1.626	1.808
Structural steel and ornamental metal work.....	60.91	63.23	70.17	41.1	41.3	41.4	1.482	1.531	1.695
Engines and turbines.....	63.13	69.43	77.05	38.0	40.7	41.9	1.623	1.706	1.839
Tractors.....	61.86	66.09	75.13	39.2	40.3	40.9	1.578	1.640	1.837
Agricultural machinery (except tractors).....	59.93	62.57	71.66	39.3	39.8	40.9	1.525	1.572	1.752
Machine tools.....	59.15	69.72	81.84	39.3	43.2	46.9	1.505	1.614	1.745
Machine-tool accessories.....	64.16	74.69	86.25	39.7	43.5	46.0	1.616	1.717	1.875
Typewriters.....	56.04	62.08	67.20	39.0	41.5	42.0	1.437	1.496	1.600
Refrigerators and air-conditioning units.....	59.98	66.42	69.24	39.0	41.1	39.5	1.538	1.616	1.753
Telephone and telegraph equipment.....	61.43	65.84	76.27	39.3	40.1	42.8	1.563	1.642	1.782
Automobiles.....	65.97	73.25	73.30	38.9	41.2	37.9	1.696	1.778	1.934
Aircraft engines and parts.....	65.24	71.40	86.24	40.7	42.1	45.7	1.603	1.696	1.887
Ship and boatbuilding and repairing.....	61.67	63.28	71.59	38.0	38.4	40.4	1.623	1.648	1.772
Locomotives and parts.....	65.47	70.00	82.43	39.3	40.3	41.8	1.666	1.737	1.972
Railroad and street cars.....	61.70	62.47	70.98	38.9	38.9	39.9	1.586	1.606	1.779
Photographic apparatus.....	69.91	65.59	73.04	39.7	41.2	41.5	1.569	1.592	1.760
Watches and clocks.....	49.53	53.25	57.66	39.0	39.8	40.1	1.270	1.338	1.438
Jewelry and findings.....	51.33	54.25	54.43	40.8	41.6	39.3	1.258	1.304	1.385
Silverware and plated ware.....	58.30	64.08	61.94	42.0	43.8	39.4	1.388	1.403	1.572

Source: Department of Labor, Bureau of Labor Statistics. Monthly figures published in *Monthly Labor Review* and mimeographed releases.

No. 225.—HOURS AND EARNINGS, GROSS AND EXCLUSIVE OF OVERTIME, OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES: 1939 TO 1951

[Overtime is defined as work in excess of 40 hours per 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*, series D 117-119]

PERIOD	Average weekly earnings	Average weekly hours	AVERAGE HOURLY EARNINGS			PERIOD	Average weekly earnings	Average weekly hours	AVERAGE HOURLY EARNINGS		
			Gross amount	Excluding overtime					Gross amount	Excluding overtime	
				Amount	Index 1939=100					Amount	Index 1939=100
1939.....	\$23.88	37.7	\$0.633	-----	-----	1951	-----	-----	-----	-----	
1940.....	25.20	38.1	.661	-----	-----	January.....	\$63.76	41.0	\$1.555	\$1.497	236.5
1941.....	26.58	40.6	.729	\$0.702	110.9	February.....	63.84	40.9	1.561	1.504	237.6
1942.....	36.65	42.9	.855	.805	127.2	March.....	64.67	41.1	1.571	1.511	238.7
1943.....	43.14	44.9	.961	.895	141.2	April.....	64.70	41.0	1.578	1.518	239.8
1944.....	46.08	45.2	1.019	.947	149.6	May.....	64.55	40.7	1.586	1.528	241.4
1945.....	44.39	43.4	1.023	1.003	152.1	June.....	65.08	40.7	1.590	1.540	243.3
1946.....	43.82	40.4	1.086	1.051	166.0	July.....	64.24	40.2	1.598	1.543	244.2
1947.....	49.97	40.4	1.237	1.193	180.3	August.....	64.32	40.3	1.599	1.542	243.6
1948.....	54.14	40.1	1.350	1.310	207.0	September.....	65.49	40.6	1.613	1.554	245.5
1949.....	54.92	39.2	1.401	1.367	216.0	October.....	65.41	40.5	1.615	1.557	245.6
1950.....	59.33	40.5	1.466	1.415	223.5	November.....	65.85	40.5	1.626	1.569	247.9
1951.....	64.88	40.7	1.594	1.533	242.7	December.....	67.40	41.2	1.630	1.571	248.2

¹ Eleven-month average; August 1945 excluded because of VJ holiday period.

Source: Department of Labor, Bureau of Labor Statistics; published in *Monthly Labor Review* and in mimeographed releases.

No. 226.—HOURS AND GROSS EARNINGS IN SELECTED NONMANUFACTURING INDUSTRIES: 1949, 1950, AND JULY 1951

[Based upon reports from cooperating establishments covering both full- and part-time nonsupervisory employees, including working supervisors, who worked during, or received pay for pay period ending nearest 15th of month. See also *Historical Statistics*, series D 145-147]

INDUSTRY	1949			1950			July 1951		
	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings
Mining:									
Metal mining.....	\$61.55	40.9	\$1.505	\$65.53	42.2	\$1.554	\$72.32	42.0	\$1.722
Anthracite.....	56.78	36.2	1.330	63.24	32.1	1.970	70.50	35.3	2.252
Bituminous coal.....	63.28	32.6	1.941	70.35	35.0	2.010	73.71	32.7	2.254
Petroleum and natural gas production.....	71.48	40.2	1.778	73.69	40.6	1.815	83.32	42.1	1.970
Nonmetallic mining and quarrying.....	50.38	43.3	1.302	50.33	44.0	1.361	68.84	45.8	1.503
Local railways and bus lines.....	64.61	44.0	1.430	66.96	45.0	1.488	73.10	46.5	1.574
Telephone.....	51.78	38.5	1.345	54.33	38.9	1.398	60.30	39.8	1.494
Telegraph.....	62.85	44.7	1.406	64.19	44.7	1.430	71.23	44.8	1.590
Gas and electric utilities.....	63.90	41.6	1.542	66.60	41.6	1.601	71.82	42.0	1.710
Wholesale trade.....	57.55	40.7	1.414	60.36	40.7	1.483	64.55	40.7	1.586
Retail trade (except eating and drinking places).....	45.93	40.4	1.137	47.63	40.5	1.170	51.49	40.8	1.262
General merchandise stores.....	34.87	36.7	.950	35.95	36.8	.977	38.51	37.1	1.038
Food and liquor stores.....	49.93	40.2	1.242	51.79	40.4	1.282	55.44	41.1	1.349
Automotive and accessories dealers.....	53.92	45.6	1.192	61.65	45.7	1.349	66.91	45.3	1.477
Apparel and accessories stores.....	40.66	38.7	1.103	40.70	36.5	1.115	42.71	36.5	1.170
Banks and trust companies.....	43.64	-----	-----	46.44	-----	-----	50.50	-----	-----
Security dealers and exchanges.....	68.32	-----	-----	81.48	-----	-----	77.07	-----	-----
Insurance carriers.....	56.47	-----	-----	58.49	-----	-----	62.09	-----	-----
Hotels, year-round.....	32.44	44.2	.743	33.85	43.9	.771	35.46	43.4	.817
Laundries.....	34.98	41.5	.843	35.47	41.2	.861	37.83	41.8	.910
Cleaning and dyeing plants.....	40.71	41.2	.988	41.69	41.2	1.012	44.26	41.6	1.064
Motion picture production and distribution.....	92.17	-----	-----	92.79	-----	-----	84.13	-----	-----

¹ Not comparable with earlier figures shown.

Source: Department of Labor, Bureau of Labor Statistics. Monthly figures published currently in *Monthly Labor Review* and in mimeographed releases.

No. 227.—HOURLY AND WEEKLY EARNINGS IN CONSTANT AND CURRENT DOLLARS FOR SELECTED INDUSTRIES: 1939 TO 1951

[Figures are monthly averages for production and related workers]

YEAR AND TYPE OF EARNINGS	ALL MANUFACTURING		DURABLE GOODS MANUFACTURING		NONDURABLE GOODS MANU- FACTURING		BUILDING CONSTRUCTION		RETAIL TRADE	
	Current dollars	1951 dollars ¹	Current dollars	1951 dollars ¹	Current dollars	1951 dollars ¹	Current dollars	1951 dollars ¹	Current dollars	1951 dollars ¹
1939: Hourly---	0.633	1.181	0.698	1.302	0.582	1.086	0.932	1.730	(2)	(2)
Weekly---	23.86	44.51	26.50	49.44	21.78	40.63	30.39	56.70	(2)	(2)
1940: Hourly---	.661	1.224	.724	1.341	.602	1.115	.958	1.774	(2)	(2)
Weekly---	25.20	46.67	28.44	52.67	22.27	41.24	31.70	58.70	(2)	(2)
1941: Hourly---	.720	1.286	.808	1.425	.640	1.129	1.010	1.781	(2)	(2)
Weekly---	20.58	52.17	34.04	60.04	24.92	43.95	35.14	61.98	(2)	(2)
1942: Hourly---	.853	1.358	.947	1.508	.723	1.151	1.148	1.828	(2)	(2)
Weekly---	36.65	58.36	42.73	68.04	29.13	46.39	41.80	66.56	(2)	(2)
1943: Hourly---	.961	1.443	1.059	1.590	.803	1.206	1.252	1.880	(2)	(2)
Weekly---	43.14	64.77	49.30	74.02	34.12	51.23	48.13	72.27	(2)	(2)
1944: Hourly---	1.010	1.505	1.117	1.650	.861	1.272	1.319	1.948	(2)	(2)
Weekly---	46.08	68.06	52.07	76.91	37.12	54.83	52.18	77.08	(2)	(2)
1945: Hourly---	1.023	1.476	1.111	1.603	.904	1.304	1.370	1.990	(2)	(2)
Weekly---	44.39	64.05	49.05	70.78	38.29	55.25	53.73	77.53	(2)	(2)
1946: Hourly---	1.086	1.444	1.156	1.537	1.015	1.350	1.478	1.965	(2)	(2)
Weekly---	43.82	58.27	46.49	61.82	41.14	54.71	50.24	74.70	(2)	(2)
1947: Hourly---	1.237	1.438	1.292	1.502	1.171	1.362	1.081	1.955	1.009	1.173
Weekly---	49.97	58.10	52.46	61.00	46.06	54.60	63.30	73.00	40.66	47.28
1948: Hourly---	1.350	1.458	1.410	1.523	1.278	1.380	³ 1.848	³ 1.996	1.088	1.175
Weekly---	54.14	58.47	57.11	61.67	50.61	54.65	³ 68.85	³ 74.35	43.85	47.85
1949: Hourly---	1.401	1.528	1.469	1.602	1.325	1.445	1.935	2.110	1.137	1.240
Weekly---	54.92	59.89	58.03	63.28	51.41	56.06	70.95	77.37	45.93	50.09
1950: Hourly---	1.465	1.582	1.537	1.660	1.378	1.488	2.031	2.193	1.176	1.270
Weekly---	59.33	64.07	63.32	68.38	54.71	59.08	73.73	79.62	47.63	51.44
1951: Hourly---	1.594	1.694	1.678	1.678	1.480	1.480	⁴ 2.194	⁴ 2.194	⁴ 1.253	⁴ 1.263
Weekly---	64.93	64.93	69.90	69.90	58.53	58.53	⁴ 81.65	⁴ 81.65	⁴ 50.23	⁴ 50.23

¹ Current dollars divided by consumers' price index on base 1951=100.

² Not available.

³ Not strictly comparable with previous data.

⁴ Average based on data for 11 months.

Source: Council of Economic Advisers, *Economic Indicators*. Based on Department of Labor data.

No. 228.—GROSS AND NET SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES, IN CURRENT AND 1939 DOLLARS: 1939 TO 1950

[Net spendable average weekly earnings represent average gross earnings of production workers in manufacturing industries less social security and income taxes for which specified worker is liable. Those net spendable average weekly earnings are then divided by the Bureau's consumers' price index adjusted to an average 1939 base, to obtain net spendable weekly earnings in 1939 dollars]

PERIOD	GROSS AVERAGE WEEKLY EARNINGS		NET SPENDABLE AVERAGE WEEKLY EARNINGS			
			Worker with no dependents		Worker with three dependents	
	Amount	Index (1939=100)	Current dollars	1939 dollars	Current dollars	1939 dollars
1939-----	\$23.86	100.0	\$23.68	\$23.68	\$23.62	\$23.62
1940-----	25.20	105.6	24.69	24.49	24.95	24.75
1941-----	29.58	124.0	28.05	26.61	29.28	27.67
1942-----	36.65	153.6	31.77	27.08	30.28	30.93
1943-----	43.14	180.8	36.01	28.94	41.39	33.26
1944-----	46.08	193.1	38.29	30.28	44.06	34.84
1945-----	44.39	186.0	36.97	28.58	42.74	33.04
1946-----	43.82	183.7	37.72	26.88	43.20	30.78
1947-----	49.97	209.4	42.70	26.03	48.24	30.04
1948-----	54.14	226.9	47.43	27.43	53.17	31.44
1949-----	54.92	230.2	45.09	28.09	53.83	31.44
1950-----	59.33	248.7	51.09	29.64	57.21	33.08

Source: Department of Labor, Bureau of Labor Statistics; *Handbook of Labor Statistics*, 1950 edition.

No. 229.—AVERAGE RATES PER HOUR FOR UNSKILLED LABOR EMPLOYED IN ROAD BUILDING ON FEDERAL-AID PROJECTS, BY GEOGRAPHIC DIVISIONS: 1930 TO 1951

YEAR	United States ¹	New England	Middle Atlantic	South Atlantic	East South Central	West South Central	East North Central	West North Central	Mountain	Pacific
1930.....	\$0.39	\$0.50	\$0.42	\$0.25	\$0.25	\$0.28	\$0.38	\$0.37	\$0.47	\$0.53
1931.....	.36	.45	.38	.21	.20	.23	.37	.36	.45	.51
1932.....	.32	.35	.36	.19	.19	.26	.36	.32	.44	.48
1933.....	.38	.37	.37	.26	.24	.31	.42	.37	.51	.52
1934.....	.42	.43	.41	.31	.30	.35	.50	.44	.55	.58
1935.....	.41	.45	.43	.31	.30	.36	.53	.47	.56	.57
1936.....	.40	.45	.47	.28	.29	.32	.52	.43	.53	.57
1937.....	.40	.47	.48	.28	.28	.30	.53	.46	.53	.62
1938.....	.40	.45	.50	.27	.28	.37	.60	.46	.55	.66
1939.....	.42	.48	.52	.29	.29	.37	.60	.45	.56	.65
1940.....	.46	.51	.54	.30	.34	.38	.62	.47	.55	.60
1941.....	.48	.55	.57	.36	.36	.40	.65	.50	.59	.75
1942.....	.58	.66	.67	.47	.42	.44	.76	.61	.72	.96
1943.....	.71	.89	.93	.58	.56	.54	.93	.78	.86	1.06
1944.....	.74	.91	.93	.66	.62	.61	.97	.81	.92	1.11
1945.....	.78	.95	.98	.69	.70	.68	.99	.84	.84	1.19
1946.....	.83	1.04	1.06	.71	.67	.70	1.00	.84	1.00	1.21
1947.....	.91	1.11	1.13	.74	.69	.76	1.13	.93	1.11	1.32
1948.....	1.02	1.24	1.26	.83	.73	.81	1.25	1.07	1.23	1.51
1949.....	1.13	1.18	1.48	.95	.78	.84	1.39	1.12	1.37	1.13
1950.....	1.19	1.43	1.54	.93	.88	.89	1.52	1.14	1.38	1.73
1951.....	1.27	1.44	1.57	.95	.93	.95	1.61	1.26	1.48	1.78

¹ Changes in United States wage rates are affected by relative number of men employed in areas with higher or lower wage rates.

Source: Department of Commerce, Bureau of Public Roads; records.

No. 230.—INDEXES OF UNION WAGE RATES AND WEEKLY HOURS IN SELECTED TRADES: 1942 TO 1951

[Data for recent years cover 77 cities. From 1942 to 1946 study made as of July 1. Since 1947 data collected as of July 1 for all trades except streetcar and bus operators for whom data are shown as of Oct. 1, and printing data for 1948 as of Jan. 2. Relative rates are percentages which indicate changes in minimum hourly wage scales. Relative hours are percentages showing changes in straight-time weekly hours, account not being taken of loss of time from slack work or other causes, nor of overtime work. Year to year changes in union scales are based on comparable quotations for each trade weighted by membership for current year. Comparable data for earlier years available from Bureau of Labor Statistics. For indexes based on 1930=100, see also *Historical Statistics*, series D 152-163]

[1947-49 average=100, except for printing where 1948-49 average=100]

TRADE	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951
Building trades, total:										
Rate.....	69.7	70.2	70.8	72.2	80.5	92.1	101.8	106.1	110.7	117.8
Hours.....	101.0	100.9	101.1	101.1	100.1	100.0	100.0	100.1	100.2	100.1
Journeyman:										
Rate.....	70.8	71.2	71.7	73.0	80.9	92.3	101.7	106.0	110.5	117.4
Hours.....	100.8	101.0	101.2	101.2	100.1	99.9	100.0	100.1	100.2	100.1
Helpers and laborers:										
Rate.....	62.5	63.3	64.0	67.0	77.9	91.1	102.6	106.4	112.2	119.9
Hours.....	101.5	100.8	100.8	100.8	100.1	100.1	100.0	100.0	100.0	99.9
Printing trades, total:										
Rate.....	59.3	61.1	62.6	63.5	74.3	(1)	94.3	105.7	107.9	112.4
Hours.....	104.3	104.6	104.6	104.6	102.0	(1)	100.1	99.9	99.8	99.0
Book and job:										
Rate.....	59.1	60.7	62.3	63.1	74.2	(1)	94.3	105.7	108.2	112.1
Hours.....	105.8	106.1	106.1	106.1	102.4	(1)	100.1	99.9	99.8	99.2
Newspaper:										
Rate.....	59.4	61.9	63.3	64.1	74.5	(1)	94.3	105.7	107.4	112.7
Hours.....	101.7	101.7	101.7	101.7	101.3	(1)	100.3	99.7	99.5	98.4
Motortruck drivers and helpers:										
Rate.....	64.9	68.4	70.0	71.5	79.6	91.9	100.0	108.1	111.9	118.2
Hours.....	105.8	105.6	105.5	105.3	103.1	100.7	99.8	99.5	98.8	98.7
Streetcar and bus operators, rate...										
Rate.....	64.4	68.6	69.1	69.9	81.9	92.4	101.7	105.9	110.9	118.2
Bakery workers:										
Rate.....	67.8	70.1	70.6	71.5	81.9	92.9	100.3	106.8	111.3	117.7
Hours.....	101.1	100.6	100.6	100.6	100.2	100.1	100.1	99.7	99.7	99.6

¹ No study made in 1947.

Source: Department of Labor, Bureau of Labor Statistics; published annually in *Monthly Labor Review* and special pamphlets.

**No. 231.—AVERAGE HOURS AND EARNINGS ON CONSTRUCTION PROJECTS:
1935 TO 1951**

ITEM	1935	1939	1941	1943	1945	1947	1948	1949	1950	1951
FEDERALLY FINANCED PROJECTS ¹										
Average hours worked per month.....	96.7	124.7	160.3	168.1	168.8	158.8	165.8	150.1	158.0	(2)
Average monthly earnings.....	\$63.06	\$99.39	\$151.23	\$193.96	\$219.58	\$217.83	\$240.00	\$259.00	\$275.29	(2)
Average hourly earnings.....	\$0.661	\$0.797	\$0.943	\$1.154	\$1.301	\$1.372	\$1.484	\$1.628	\$1.743	(2)
PRIVATE BUILDING PROJECTS ²										
Average hours worked per week.....	30.1	32.6	34.8	38.4	39.0	37.6	37.3	36.7	36.3	37.3
Average weekly earnings.....	\$24.51	\$30.39	\$35.14	\$48.13	\$53.73	\$63.30	\$68.85	\$70.95	\$73.73	\$82.10
Average hourly earnings.....	\$0.815	\$0.932	\$1.010	\$1.252	\$1.379	\$1.681	\$1.848	\$1.935	\$2.031	\$2.201

¹ Data on hours and earnings on Federal projects reported by accounting months rather than calendar months, and since pay periods are not uniform in any given month, some contractors report data for 4 weeks and others for 5. Consequently, average hours and earnings cannot be accurately computed by weeks and figures for average monthly hours and earnings tend to show certain irregularities reflecting this method of reporting.

² Series discontinued.

³ Data shown after 1947 include publicly financed projects and off-site construction workers.

Source: Department of Labor, Bureau of Labor Statistics; data on Federal projects published currently in monthly bulletin, *Construction*; private projects in *Monthly Labor Review* and in mimeographed releases.

No. 232.—INDEXES OF PRODUCTIVITY FOR SELECTED INDUSTRIES: 1929 TO 1950

[1939=100. Productivity refers to output in physical units per man-hour of work (or per worker in agriculture and telegraph). Indexes of output per man-hour obtained by dividing indexes of production by indexes of man-hours. For explanation of various indexes used, see *Handbook of Labor Statistics*, 1950, p. 166. See also *Historical Statistics*, series D 213-217]

INDUSTRY	1929	1933	1937	1939	1941	1943	1945	1947	1948	1949	1950
All manufacturing:											
Output per man-hour.....	78.1	81.9	90.0	100.0							
Mining: ¹											
Output per man-hour.....	69.0	78.8	88.0	100.0	103.9	101.5	106.1	111.1	110.9	108.6	117.4
Agriculture:											
Output per worker.....	91.6	89.2	105.3	100.0	106.5	115.5	120.1	115.9	130.1	133.9	131.0
Steam railroad transportation: ²											
Revenue traffic per man-hour.....	75.1	83.0	95.2	100.0	115.5	160.9	130.5	135.0	133.2	131.5	140.9
Electric light and power: ³											
Output per man-hour.....	54.1	68.1	80.6	100.0	123.2	182.7	182.5	167.0	171.0		
Telephone: ⁴											
Output per man-hour.....			88.8	100.0	99.5	97.9	98.8	94.0	93.3	90.1	104.5
Telegraph: ⁵											
Output per employee.....			93.0	100.0	92.0	107.9	116.4	121.0	117.0	122.0	134.8
SELECTED MANUFACTURING INDUSTRIES											
(Output per man-hour)											
Beet-sugar refining.....			86.9	100.0	99.2	73.0	79.6	93.1	91.8	104.5	115.0
Canning and preserving group.....	68.4	97.9	88.7	100.0	108.7	102.5	113.9	111.1	116.4	127.6	131.6
Cement.....	71.7	84.4	80.1	100.0	108.3	94.7	90.1	111.5	117.8	120.4	130.7
Glass construction products.....	88.0	87.8	88.2	100.0	103.8	80.5	88.0	106.1	114.9	117.3	123.7
Coke group.....	92.8	74.3	94.0	100.0	105.3	98.4	100.5	106.7	102.9	98.5	101.5
Glass containers.....				100.0	105.8	111.0	118.4	129.6	125.8	127.5	133.9
Hosiery group.....				100.0	109.9	121.9	131.4	114.9	118.3	127.3	138.1
Malt liquors.....				100.0	106.2	106.4	118.0	117.0	115.8	125.3	126.0
Paper and pulp.....	74.0	86.0	92.6	100.0	106.2	89.9	87.6	91.6	94.6	99.1	109.7
Primary smelting and refining of copper, lead, and zinc.....	89.5	88.5	87.6	100.0	98.5	92.6	89.5	94.2	92.9	96.1	105.7
Rayon and other synthetic fibers.....	30.4	60.7	79.4	100.0	133.7	148.9	170.2	206.9	235.5	239.9	286.1
Tobacco products group.....	63.7	73.7	90.5	100.0	103.7	102.1	115.7	115.8	123.3	131.2	137.1

¹ For 1929 and 1933, covers almost all industries; for 1937 to 1950, represents 6 principal industries (bituminous coal; anthracite; crude petroleum, natural gas and natural gasoline; iron; copper; and lead and zinc).

² Refers to Class I steam line-haul railroads. ³ Refers to privately owned utilities.

⁴ Refers to Class A telephone carriers.

⁵ For principal wire-telegraph and ocean-cable carriers. As satisfactory data on average weekly hours are not available before 1943, an index of output per man-hour is not presented.

Source: Department of Labor, Bureau of Labor Statistics. Published in *Handbook of Labor Statistics*, 1950 edition.

No. 233.—ESTIMATED NUMBER OF DISABLING WORK INJURIES, BY MAJOR INDUSTRY GROUP: 1947 TO 1951

[In thousands. Includes employees and self-employed. For additional data on accidents, consult index]

INDUSTRY GROUP	1947	1948	1949	1950	1951 ¹	1947	1948	1949	1950	1951 ¹
	Total					Fatalities				
All industries ²	2,059.0	2,019.9	1,870.0	1,952.0	2,100.0	17.0	16.0	15.0	15.5	16.0
Agriculture ⁴	208.0	340.0	340.0	340.0	330.0	4.3	4.4	4.3	4.3	4.0
Mining and quarrying ⁵	92.0	87.2	70.0	72.0	75.0	1.5	1.4	1.0	1.0	1.2
Construction ⁶	151.7	193.0	183.0	205.0	230.0	2.4	2.1	2.1	2.3	2.5
Manufacturing ⁷	639.0	460.2	381.0	426.0	510.0	2.7	2.6	2.3	2.6	2.7
Public utilities ⁸	27.7	27.4	27.0	24.0	21.0	.4	.4	.4	.3	.3
Trade, wholesale and retail ⁹	360.6	347.3	320.0	335.0	381.0	1.5	1.5	1.5	1.5	1.6
Transportation ⁸	207.1	196.5	172.0	177.0	186.0	1.7	1.5	1.3	1.3	1.4
Finance, service, government, and miscellaneous industries ²	382.0	360.3	398.0	373.0	388.0	2.5	2.2	2.1	2.2	2.3
	Permanent disabilities					Temporary-total disabilities				
All industries ²	91.8	88.5	81.0	84.9	91.0	1,950.2	1,915.4	1,774.0	1,851.6	2,000.0
Agriculture ⁴	(⁰)	(⁰)	(⁰)	(⁰)	(⁰)	(⁰)	(⁰)	(⁰)	(⁰)	(⁰)
Mining and quarrying ⁵	(⁰)	(⁰)	(⁰)	(⁰)	(⁰)	(⁰)	(⁰)	(⁰)	(⁰)	(⁰)
Construction ⁶	4.6	8.1	7.5	8.5	8.9	144.7	182.8	173.3	194.2	218.6
Manufacturing ⁷	27.4	23.9	19.4	21.7	25.2	508.9	442.7	359.3	401.7	482.1
Public utilities ⁸.....	.0	.6	.6	.6	.6	26.7	26.4	26.0	23.1	20.1
Trade, wholesale and retail ⁹	8.7	8.5	8.0	8.1	8.8	350.4	337.3	319.5	325.4	370.6
Transportation ⁸	(⁰)	(⁰)	(⁰)	(⁰)	(⁰)	(⁰)	(⁰)	(⁰)	(⁰)	(⁰)
Finance, service, government, and miscellaneous industries ²	(⁰)	(⁰)	(⁰)	(⁰)	(⁰)	(⁰)	(⁰)	(⁰)	(⁰)	(⁰)

¹ Preliminary.² Does not include domestic service.³ Not strictly comparable with earlier years.⁴ Based on fragmentary data.⁵ Based largely on Bureau of Mines data.⁶ Based on small sample studies.⁷ Based on comprehensive survey.⁸ Includes data for railroads, based on reports of Interstate Commerce Commission.⁹ Data not shown separately, but included in totals for all industries.Source: Department of Labor, Bureau of Labor Statistics; *Monthly Labor Review*.

No. 234.—SELECTED INJURY-FREQUENCY AND SEVERITY RATES: 1945 TO 1950

[Frequency rate is average number of disabling injuries for each million employee-hours worked. Severity rate is average number of days lost for each thousand employee-hours worked. Standard time-loss ratings for fatalities and permanent disabilities are given in *Method of Compiling Industrial Injury Rates*, approved by American Standards Association, 1945]

INDUSTRY	INJURY-FREQUENCY RATES						SEVERITY RATES					
	1945	1946	1947	1948	1949	1950	1945	1946	1947	1948	1949	1950
Manufacturing.....	18.6	19.9	18.8	17.2	14.5	14.7	1.6	1.6	1.4	1.5	1.4	1.2
Construction.....	30.8	40.2	40.9	36.7	39.9	41.0	4.9	3.8	3.6	5.0	3.9	3.8
Heat, light and power.....	14.0	17.3	18.1	17.1	16.0	13.8	2.1	1.9	2.3	2.1	2.3	1.9
Waterworks.....	22.2	18.0	21.0	25.1	27.5	21.9	1.0	2.6	.9	1.5	1.1	1.0
Personal services.....	8.3	9.7	10.0	10.2	8.9	10.0	.8	.6	.7	.5	.5	.5
Business services.....	6.1	5.6	4.5	4.4	3.9	3.9	.3	.3	.3	.3	.3	.3
Educational services.....	8.0	7.8	8.0	8.3	7.0	7.9	.5	.4	.6	.4	.4	.3
Fire departments.....	26.5	23.5	24.8	30.9	32.1	35.5	2.2	1.9	2.4	1.6	2.5	1.9
Police departments.....	25.6	29.3	29.1	28.2	27.5	32.4	2.0	3.1	3.1	2.2	2.4	1.5
Trade.....	13.9	14.2	16.4	15.1	12.7	13.8	1.0	.8	.8	.9	.6	.6

Source: Department of Labor, Bureau of Labor Statistics.

No. 235.—MONTHLY LABOR TURN-OVER RATES (PER 100 EMPLOYEES) IN MANUFACTURING INDUSTRIES: 1939 TO 1951

[Month-to-month employment changes as indicated by labor turn-over rates are not precisely comparable to those in table 213, as the former are based on data for entire month while the latter refer to a one-week period ending nearest middle of month. Labor turn-over data, beginning in Jan. 1943, refer to wage and salary workers. The turn-over sample is not so extensive as that of the employment survey—proportionately fewer small plants are included; printing and publishing (since April 1943), canning and preserving, and several other industries are not covered.]

CLASS OF TURN-OVER AND YEAR	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Accession:												
1939	4.1	3.1	3.3	2.9	3.3	3.9	4.2	5.1	6.2	5.9	4.1	2.8
1943	8.2	7.9	8.3	7.4	7.2	8.4	7.8	7.6	7.7	7.2	6.6	6.2
1950	3.6	3.2	3.0	3.5	4.4	4.8	4.7	6.6	5.7	5.2	4.0	3.0
1951	5.2	4.4	4.0	4.5	4.5	4.9	4.2	4.5	4.3	4.4	3.9	3.0
Total separation:												
1939	3.2	2.6	3.1	3.5	3.5	3.3	3.3	3.0	2.8	2.9	3.0	3.5
1943	7.1	7.1	7.7	7.5	6.7	7.1	7.6	8.3	8.1	7.0	6.4	6.6
1950	3.1	3.0	2.9	2.8	3.1	3.0	2.9	4.2	4.9	4.3	3.8	3.6
1951	4.1	3.8	4.1	4.6	4.8	4.3	4.4	5.3	5.1	4.7	4.3	3.5
Quit:												
1939	.9	.6	.8	.8	.7	.7	.7	.8	1.1	.9	.8	.7
1943	4.5	4.7	5.4	5.4	4.8	5.2	5.6	6.3	6.8	5.2	4.5	4.4
1950	1.1	1.0	1.2	1.3	1.6	1.7	1.8	2.9	3.4	2.7	2.1	1.7
1951	2.1	2.1	2.5	2.7	2.8	2.5	2.4	3.1	3.1	2.5	1.9	1.4
Discharge:												
1939	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1
1943	.5	.5	.6	.5	.6	.6	.7	.7	.6	.6	.6	.6
1950	.2	.2	.2	.2	.3	.3	.3	.4	.4	.4	.3	.3
1951	.3	.3	.3	.4	.4	.4	.3	.4	.3	.4	.3	.3
Lay-off:												
1939	2.2	1.9	2.2	2.6	2.7	2.5	2.5	2.1	1.6	1.8	2.0	2.7
1943	.7	.5	.6	.6	.5	.5	.5	.5	.6	.5	.7	1.0
1950	1.7	1.7	1.4	1.2	1.1	.9	.6	1.6	.7	.8	1.1	1.3
1951	1.0	.8	.8	1.0	1.2	1.0	1.3	1.4	1.3	1.4	1.7	1.5
Misc. (including military):												
1943	1.4	1.4	1.2	1.0	.8	.8	.8	.8	.7	.7	.6	.6
1950	.1	.1	.1	.1	.1	.1	.2	.3	.4	.4	.3	.3
1951	.7	.6	.5	.5	.4	.4	.4	.4	.4	.4	.4	.3

¹ Includes miscellaneous (including military) separations.

Source: Department of Labor, Bureau of Labor Statistics; *Monthly Labor Review*, and mimeographed releases.

No. 236.—LABOR UNION MEMBERSHIP: 1932 TO 1950

[Membership data are estimates, not to be construed as data verified by Government. See also *Historical Statistics*, series D 218-223]

YEAR	All unions, total membership (1,000)	AMERICAN FEDERATION OF LABOR		CONGRESS OF INDUSTRIAL ORGANIZATIONS		Independent or un-affiliated unions, total membership (1,000)
		Number of affiliated unions	Total membership (1,000) ¹	Number of affiliated unions	Total membership (1,000)	
1932	3,220	106	2,532			694
1933	2,867	108	2,127			730
1934	3,249	109	2,608			641
1935	3,728	109	3,045			683
1936	4,164	111	3,422			742
1937	7,218	100	2,861	32	3,718	639
1938	8,265	102	3,023	42	4,038	604
1939	8,980	104	4,006	45	4,000	974
1940	8,944	105	4,247	42	3,625	1,072
1941	10,489	106	4,560	41	5,000	920
1942	10,702	102	5,483	39	4,195	1,084
1943	13,642	90	6,564	40	5,285	1,793
1944	14,021	100	6,807	41	5,935	1,879
1945	14,796	102	6,931	40	6,000	1,865
1946	14,974	102	7,152	40	6,000	1,822
1947	15,414	105	7,578	40	6,000	1,836
1948	² 14,000-16,000	105	7,221	40	(³)	2,200-2,500
1949	² 14,000-16,000	107	7,241	39	(³)	2,000-2,300
1950	² 14,000-16,000	107	7,143	30	(³)	2,400-2,800

¹ Based upon per capita tax paid to AFL by affiliated unions.

² Includes Canadian members of labor unions with headquarters in U. S. (712,598 in 1949).

³ Not available.

Source: Department of Labor, Bureau of Labor Statistics; *Handbook of Labor Statistics, 1950*.

No. 237.—WORK STOPPAGES: 1930 TO 1951

[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*, series D 224-229, 234]

YEAR	WORK STOPPAGES BEGINNING IN YEAR		WORKERS INVOLVED		MAN-DAYS IDLE			INDEXES (1935-30=100)		
	Number	Average duration (calendar days)	Number (thou- sands) ¹	Percent of total em- ployed ²	Number (thou- sands)	Percent of estimated working time ³	Per worker in- volved	Work stop- pages	Work- ers in- volved	Man- days idle
1930.....	637	22.3	183	0.8	3,320	0.05	18.1	22	16	20
1931.....	810	18.8	342	1.6	6,890	.11	20.2	28	30	41
1932.....	841	19.6	324	1.8	10,500	.23	32.4	20	29	62
1933.....	1,696	16.9	1,170	6.3	16,900	.36	14.4	59	104	100
1934.....	1,856	19.5	1,470	7.2	19,600	.38	13.4	65	130	116
1935.....	2,014	23.8	1,120	5.2	15,500	.29	13.8	70	99	91
1936.....	2,172	23.3	789	3.1	13,000	.21	17.0	76	70	82
1937.....	4,740	20.3	1,860	7.2	28,400	.43	15.3	166	165	168
1938.....	2,772	23.6	668	2.8	9,150	.15	13.3	97	61	54
1939.....	2,618	23.4	1,170	4.7	17,800	.28	15.2	91	104	105
1940.....	2,608	20.9	577	2.3	6,700	.10	11.6	88	51	40
1941.....	4,288	18.3	2,360	8.4	23,000	.32	9.8	150	210	136
1942.....	2,968	11.7	840	2.8	4,180	.05	5.0	104	75	25
1943.....	3,762	5.0	1,980	6.9	13,500	.15	6.8	131	176	80
1944.....	4,956	5.6	2,120	7.0	8,720	.09	4.1	173	188	51
1945.....	4,750	9.9	3,470	12.2	38,000	.47	11.0	166	308	224
1946.....	4,985	24.2	4,600	14.5	116,000	1.43	25.2	174	408	684
1947.....	3,068	25.6	2,170	6.5	34,600	.41	15.9	120	193	204
1948.....	3,419	21.8	1,950	5.5	34,100	.37	17.4	119	174	201
1949.....	3,606	22.5	3,030	9.0	50,500	.59	16.7	126	260	298
1950.....	4,843	19.2	2,410	6.9	38,800	.44	16.1	100	214	220
1951.....	4,737	17.4	2,220	6.5	22,900	.28	10.3	166	197	135

¹ Includes duplication where same workers were involved in more than 1 stoppage during year.

² "Total employed workers" includes all workers except those in occupations and professions where strikes rarely if ever occur. In general, "total employed workers" includes all employees except following groups: Government workers, agricultural wage earners on farms employing less than 6 workers, managerial and supervisory employees, and certain groups which because of nature of work cannot or do not strike (such as college professors, clergymen, and domestic servants). Self-employed and unemployed persons are excluded.

³ Obtained by multiplying average number of employed workers each year by number of days worked by most employees during year.

Source: Department of Labor, Bureau of Labor Statistics; *Handbook of Labor Statistics* and other records. Basic data are currently published in May issues of *Monthly Labor Review*.

No. 238.—WORK STOPPAGES—MAJOR ISSUES INVOLVED AND DURATION: 1949, 1950, AND 1951

[See headnote, table 237. Data by issues based on stoppages beginning in year; duration data based on stoppages ending in year. See also *Historical Statistics*, series D 230-238]

MAJOR ISSUES AND DURATION	NUMBER OF WORK STOPPAGES			NUMBER OF WORKERS INVOLVED ¹ (thousands)			NUMBER OF MAN-DAYS IDLE (thousands)		
	1949	1950	1951	1949	1950	1951	1949	1950	1951
MAJOR ISSUES									
All issues.....	3,606	4,843	4,737	3,030	2,410	2,220	50,500	38,800	22,900
Wages and hours.....	1,682	2,659	2,162	1,540	1,460	1,180	39,800	32,500	14,300
Union organization, wages and hours.....	216	270	206	43	54	53	1,010	789	1,840
Union organization.....	555	649	682	38	76	83	8,736	1,560	1,620
Other working conditions.....	903	1,085	1,842	1,380	746	761	8,580	3,450	4,180
Interunion or intraunion matters.....	298	265	326	67	66	132	398	419	894
Not reported.....	32	45	79	10	7	11	22	66	63
DURATION									
All stoppages.....	3,594	4,812	4,758	2,630	2,810	2,200	38,200	52,100	21,800
1 day.....	427	584	692	155	242	247	155	243	248
2-3 days.....	549	838	916	259	302	422	520	700	842
4 days and less than 1 week.....	518	739	723	215	361	358	701	1,250	1,130
1 week and less than 1/2 month.....	735	1,045	1,009	903	684	548	5,840	3,720	3,270
1/2 and less than 1 month.....	592	727	680	199	306	303	2,950	4,040	4,050
1 and less than 2 months.....	432	545	426	684	193	140	18,100	4,280	4,110
2 and less than 3 months.....	152	170	161	55	104	119	2,610	4,150	4,570
3 months or more.....	189	164	148	60	560	65	7,270	33,700	3,620

¹ See note 1, table 237.

Source: Department of Labor, Bureau of Labor Statistics; May issues of *Monthly Labor Review*; *Handbook of Labor Statistics*, and annual bulletin, *Analysis of Work Stoppages*.

WORK STOPPAGES

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No. 239.—WORK STOPPAGES, BY INDUSTRY GROUPS: 1946 TO 1950

[See headnote, table 237]

INDUSTRY GROUP	NUMBER OF WORK STOPPAGES BEGINNING 1—					NUMBER OF WORKERS INVOLVED ²					NUMBER OF MAN-DAYS IDLE DURING YEAR				
	1946	1947	1948	1949	1950	1946	1947	1948	1949	1950	1946	1947	1948	1949	1950
	4, 985	3, 693	3, 419	3, 505	4, 843	4, 500, 000	2, 170, 000	1, 950, 000	3, 030, 000	2, 410, 000	116, 000, 000	34, 600, 000	34, 100, 000	50, 500, 000	38, 800, 000
All industries ³	278	183	162	199	185	167, 000	54, 200	133, 000	133, 000	50, 800	2, 220, 000	648, 000	4, 720, 000	1, 490, 000	691, 000
MANUFACTURING	14	9	3	4	5	57, 000	33, 500	21, 200	26, 500	2, 800	255, 000	195, 000	4, 300	13, 900	33, 000
Food and kindred products	183	82	82	85	147	57, 000	33, 500	21, 200	26, 500	2, 800	255, 000	195, 000	4, 300	13, 900	33, 000
Textile-mill products	173	131	131	127	187	57, 000	33, 500	21, 200	26, 500	2, 800	255, 000	195, 000	4, 300	13, 900	33, 000
Apparel and other finished products, etc.	61	109	100	84	110	16, 000	10, 000	23, 600	20, 000	17, 900	574, 000	198, 000	719, 000	419, 000	686, 000
Lumber and wood products (except furniture)	208	84	63	71	106	16, 000	10, 000	23, 600	20, 000	17, 900	574, 000	198, 000	719, 000	419, 000	686, 000
Furniture and fixtures	76	37	40	46	76	21, 500	7, 600	18, 700	11, 000	12, 800	1, 850, 000	292, 000	136, 000	108, 000	315, 000
Paper and allied products	67	66	43	53	54	14, 200	9, 500	10, 900	5, 700	10, 400	636, 000	157, 000	587, 000	438, 000	360, 000
Printing, publishing, and allied industries	122	94	73	72	96	48, 100	30, 800	21, 400	20, 000	39, 200	1, 190, 000	499, 000	538, 000	358, 000	795, 000
Chemicals and allied products	21	14	13	16	22	4, 280	9, 600	21, 300	4, 200	16, 400	108, 000	310, 000	754, 000	85, 500	792, 000
Products of petroleum and coal	89	41	48	54	136	9, 400	47, 000	72, 300	84, 700	136, 000	813, 000	352, 000	574, 000	714, 000	385, 000
Rubber products	100	81	45	65	84	20, 000	24, 900	9, 800	18, 100	23, 800	434, 000	223, 000	273, 000	494, 000	157, 000
Leather and leather products	136	94	90	63	132	32, 000	27, 100	22, 300	13, 300	44, 600	1, 180, 000	363, 000	360, 000	114, 000	652, 000
Stone, clay, and glass products	478	(9)	(6)	(6)	(6)	859, 000	(6)	(6)	(6)	(6)	23, 300, 000	(6)	(6)	(6)	(6)
Iron and steel and their products	134	188	168	147	309	78, 200	102, 000	56, 700	497, 000	142, 000	4, 280, 000	1, 130, 000	1, 450, 000	12, 200, 000	1, 180, 000
Nonferrous metals and their products	218	151	134	278	278	244, 000	51, 300	37, 000	54, 000	85, 800	13, 700, 000	2, 910, 000	496, 000	1, 050, 000	969, 000
Primary metal industries	324	232	189	176	317	244, 000	114, 000	152, 000	115, 000	224, 000	13, 700, 000	2, 910, 000	496, 000	1, 050, 000	969, 000
Fabricated metal products (except ordnance machinery, and transportation equipment)	134	80	64	67	168	232, 000	36, 100	31, 000	27, 100	132, 000	10, 800, 000	611, 000	402, 000	352, 000	410, 000
Machinery (except electrical)	163	106	107	89	171	222, 200	171, 000	278, 000	250, 000	368, 000	17, 340, 000	4, 200, 000	3, 170, 000	2, 190, 000	8, 540, 000
Electrical machinery	32	31	14	26	26	8, 100	8, 100	5, 700	4, 100	23, 100	97, 000	97, 000	146, 000	110, 000	158, 000
Transportation equipment	28	22	23	24	12	17, 500	12, 200	23, 100	18, 300	20, 700	219, 000	287, 000	531, 000	269, 000	152, 000
Professional, scientific, and controlling instruments; photographic and optical goods; watches and clocks	570	478	614	476	508	974, 000	517, 000	651, 000	1, 380, 000	196, 000	21, 400, 000	2, 440, 000	10, 400, 000	19, 200, 000	9, 700, 000
NONMANUFACTURING	351	352	380	615	611	146, 000	175, 000	108, 000	197, 000	237, 000	1, 430, 000	2, 770, 000	1, 430, 000	2, 760, 000	2, 460, 000
Agriculture, forestry, and fishing	385	336	241	323	331	64, 000	60, 600	30, 200	46, 200	70, 100	882, 000	1, 010, 000	557, 000	1, 440, 000	927, 000
Mining	29	38	18	22	31	2, 140	2, 600	1, 900	1, 800	13, 000	14, 700	46, 900	46, 300	23, 300	52, 500
Construction	479	283	263	347	389	1, 020, 000	468, 000	160, 000	154, 000	405, 000	9, 020, 000	11, 500, 000	3, 290, 000	2, 320, 000	2, 800, 000
Trade	206	147	150	130	182	54, 700	20, 200	20, 700	15, 000	13, 900	924, 000	723, 000	306, 000	249, 000	161, 000
Finance, insurance, and real estate															
Transportation, communication, etc.															
Services—personal, business, and other															

¹ Strikes affecting more than 1 industry, have been counted as separate strikes in each industry affected, with proper allocation of workers and man-days idle.

² Includes duplication where same workers were involved in more than 1 stoppage during year.

³ Includes industries not shown separately.
⁴ Not available because of regrouping of industries.
 Source: Department of Labor, Bureau of Labor Statistics; published in May issues of *Monthly Labor Review*.

9. Military Services and Veterans' Affairs

(Sent to print March 6, 1952)

This section includes data on the Army, the Navy, the Air Force, and on the various aspects of government programs for veterans.

Military services.—Data on the activities and status of the military services are compiled from information supplied by the various branches of the Armed Forces, the Bureau of the Budget, the Bureau of Labor Statistics, and the Selective Service System. For additional figures showing Federal Government expenditures on military services by branch of service, see Section 14, Federal Government Finances and Employment.

Veterans' Administration.—The Veterans' Administration administers laws authorizing benefits for former members of the armed forces and for the dependents and other beneficiaries of deceased former members of such forces. The Veterans' Administration benefits available under various acts of Congress include: Compensation for service-connected disability or death; pension for non-service-connected disability or death; emergency officers' retirement pay; vocational rehabilitation for service-connected disability; education and training; guaranty or insurance of home, farm, and business loans and, under certain conditions, direct home loans; readjustment allowances for unemployment or self-employment; U. S. Government and National Service Life 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; World War I adjusted service certificates; a guardianship program for the protection of estates derived from Veterans' Administration benefits paid to incompetent or minor beneficiaries; burial allowances; and burial flags.

No. 240.—MILITARY PERSONNEL AND PAY: 1936 TO 1950

[In thousands]

YEAR	PERSONNEL (AVERAGE FOR YEAR)					PAY (TOTAL FOR YEAR) ¹				
	Total	Branch		Sex		Total	Branch		Type of pay	
		Army and Air Force ²	Navy ³	Men	Women		Army and Air Force	Navy ⁴	Pay roll ⁵	Muster-ing-out pay Family allow-ances ⁶
1936	298	167	131	-----	-----	\$272,473	\$121,672	\$150,901	\$272,473	-----
1937	318	178	140	-----	-----	290,592	132,089	158,503	290,592	-----
1938	331	185	146	-----	-----	304,895	135,207	169,689	304,895	-----
1939	345	192	154	-----	-----	331,523	155,482	176,041	331,523	-----
1940	532	324	208	-----	-----	431,030	211,925	219,105	431,030	-----
1941	1,644	1,291	353	1,639	5	1,262,927	855,900	407,027	1,262,927	-----
1942	3,968	3,071	897	3,952	16	4,696,264	3,410,050	1,286,208	4,553,362	-----
1943	8,944	6,733	2,211	8,833	111	11,181,079	8,143,833	3,037,246	10,148,745	-----
1944	11,372	7,889	3,483	11,161	211	16,840,205	11,130,018	5,710,187	14,067,813	\$229,214
1945	11,608	7,734	3,874	11,350	258	20,392,101	13,478,703	6,913,398	16,097,640	1,367,520
1946	3,751	2,291	1,460	3,075	76	10,093,750	6,285,071	3,808,679	6,463,180	2,177,308
1947	1,671	1,059	612	1,650	21	5,350,398	3,461,632	1,888,764	3,336,934	177,015
1948	1,492	904	528	1,477	15	3,442,961	2,130,384	1,306,577	2,993,124	95,452
1949	1,641	1,089	552	1,623	18	3,647,147	2,343,312	1,303,834	3,268,443	49,680
1950 ⁷	1,513	1,020	493	1,492	22	7,1908,422	1,228,269	680,153	1,889,843	18,430

¹ Excludes pay of retired and inactive reserve personnel.

² Prior to March 1944, includes persons on induction furlough; prior to June 1942 and after April 1945, includes Philippine Scouts.

³ Covers Navy, Marine Corps, and Coast Guard. Includes missing personnel and personnel in hands of enemy.

⁴ Covers Navy, Marine Corps, and Coast Guard. For Navy proper and Coast Guard, includes cash payments for clothing allowance balances.

⁵ Includes men's share of family allowances but excludes Government's contribution. Represents actual expenditures for Army through April 1947 and for Coast Guard for all periods. Other data represent estimated obligations based on monthly personnel count.

⁶ Represents Government's contribution. Excludes men's share.

⁷ Includes leave payments of \$716,313,000 in 1946, \$1,528,227,000 in 1947, \$3,127,000 in 1948, \$639,000 in 1949, and \$140,000 in 1950 (representing face value of bonds and cash payments) to enlisted personnel discharged prior to Sept. 1, 1946, for accrued and unused leave, and to officers and enlisted personnel then on active duty for leave accrued in excess of 60 days.

⁸ Data for January-June only. Starting July 1950, data restricted.

⁹ Family allowances included under pay roll.

Source: Department of Labor, Bureau of Labor Statistics. Current data restricted.

No. 241.—FEDERAL GOVERNMENT EXPENDITURES FOR MILITARY SERVICES AND VETERANS' SERVICES AND BENEFITS, IN RELATION TO TOTAL FEDERAL BUDGET EXPENDITURES: 1915 TO 1952

[Amounts in millions of dollars. For fiscal years ending June 30. Categories are from the functional classification of Budget expenditures (see table 360). Figures include expenditures of agencies, other than military and Veterans' Administration, for activities primarily related to military and veterans' programs. For example, figures for military services include General Services Administration expenditures for stockpiling of strategic and critical materials, and expenditures of the National Advisory Committee for Aeronautics. Similarly, figures for veterans' services and benefits include General Services Administration expenditures for veterans' educational facilities and expenditures of the Department of Labor, Bureau of Veterans' Readjustment Rights. Figures exclude expenditures for programs which, though closely related to military or veterans' services, have a primary relationship to other categories of the functional classification. Examples of expenditures excluded are those by Corps of Engineers for rivers and harbors (included in Transportation and Communication and in Natural Resources), and those by Veterans' Administration for direct loans to veterans to aid in purchase of homes (included in Housing and Community Development). For further detail as to classification of particular items in 1951 and 1952, see Special Analysis B of the *Budget of the United States, 1953*, pp. 1144-57]

FISCAL YEAR	Total budget expenditures	MILITARY SERVICES		VETERANS' SERVICES AND BENEFITS		FISCAL YEAR	Total budget expenditures	MILITARY SERVICES		VETERANS' SERVICES AND BENEFITS	
		Amount	Per cent of total	Amount	Per cent of total			Amount	Per cent of total	Amount	Per cent of total
1915	746	207	30.8	170	23.0	1935	6,521	711	10.9	607	9.3
1916	713	305	42.8	171	24.0	1936	8,494	914	10.8	2,350	27.7
1917	1,654	602	30.8	171	8.7	1937	7,756	937	12.1	1,137	14.6
1918	12,662	7,110	56.1	235	1.8	1938	6,979	1,030	14.7	581	8.3
1919	18,448	13,548	73.4	324	1.7	1939	8,968	1,077	12.0	550	6.2
1920	0,357	3,307	62.0	332	5.2	1940	9,183	1,530	16.3	551	6.0
1921	5,058	2,581	51.0	646	12.8	1941	13,387	6,348	47.7	504	4.2
1922	3,285	920	28.3	680	20.0	1942	34,187	26,850	78.6	356	1.0
1923	3,137	680	21.7	747	23.8	1943	79,622	70,207	88.2	605	.7
1924	2,890	647	22.4	670	23.4	1944	65,315	83,766	87.9	745	.8
1925	2,881	591	20.5	741	25.7	1945	98,703	84,670	85.7	2,092	2.1
1926	2,888	580	20.3	772	26.7	1946	90,703	45,134	74.3	4,418	7.3
1927	2,837	573	20.4	780	27.7	1947	30,289	14,316	36.4	7,381	18.8
1928	2,033	656	22.4	806	27.5	1948	33,791	10,963	32.4	6,653	10.7
1929	3,127	603	22.2	512	26.0	1949	40,057	11,015	29.7	6,725	10.9
1930	3,320	734	21.1	821	24.7	1950	40,156	12,281	30.6	6,045	16.5
1931	3,578	733	20.5	1,040	29.1	1951	44,633	20,462	45.8	5,330	12.0
1932	4,659	703	15.1	985	21.1	1952	70,881	39,753	56.1	5,105	7.3
1933	4,623	648	14.0	803	18.7						
1934	6,604	640	8.1	557	8.3						

¹ Estimated.

Source: Bureau of the Budget. 1944-1952, Special Analysis I, *Budget of the United States Government, 1953*.

No. 242.—FEDERAL GOVERNMENT EXPENDITURES FOR MILITARY SERVICES: 1951 AND 1952

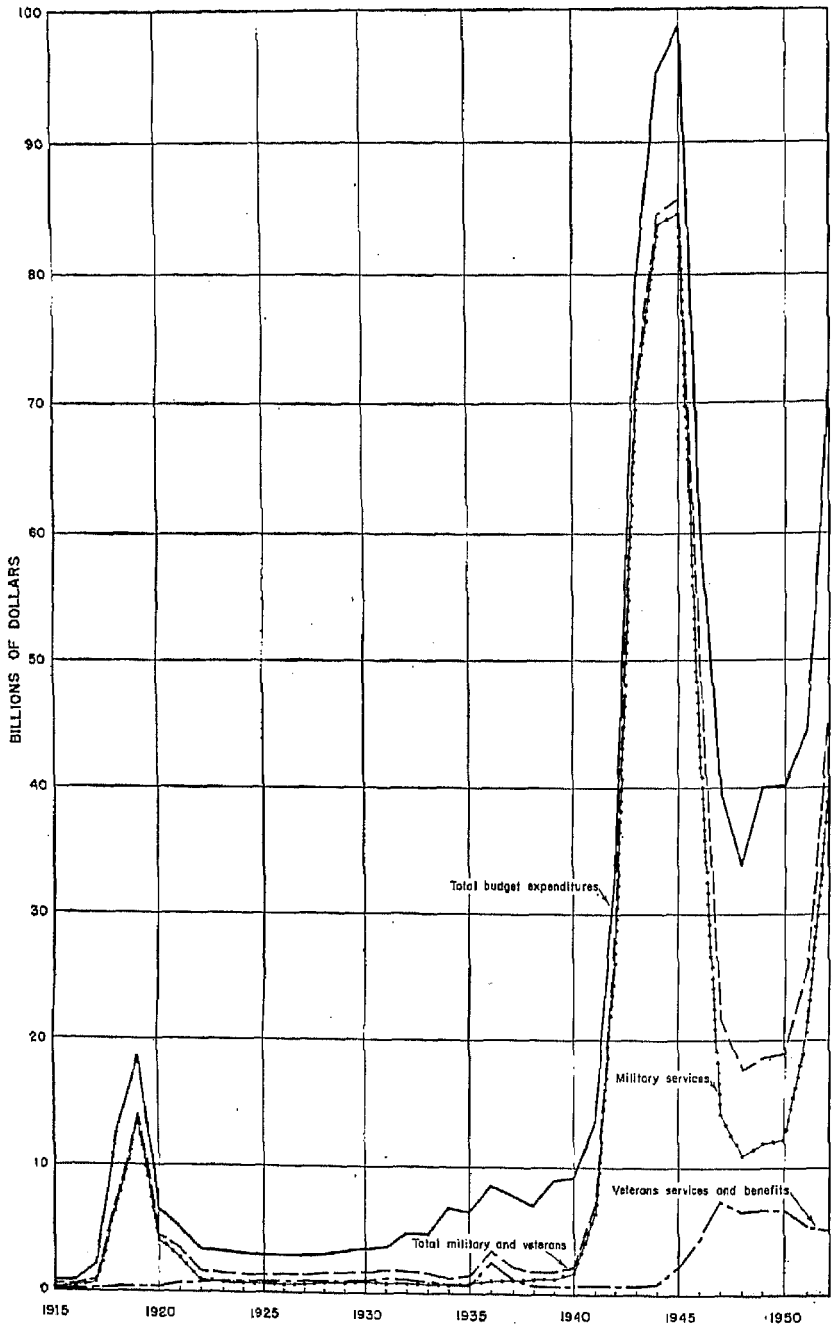
[In billions of dollars. For fiscal years ending June 30]

COST CATEGORY, PROGRAM OR AGENCY	1951 actual	1952 estimated
Total	20.5	39.8
Department of Defense, military functions:		
Military personnel	7.2	10.1
Major procurement and production:		
Aircraft	2.2	5.8
Other	2.1	7.2
Acquisition and construction of real property	.4	2.7
Operation and maintenance	5.8	10.4
Civilian components	.6	.7
Research and development	.8	1.0
Industrial mobilization	.1	.2
Department-wide activities	.6	.8
Activities supporting military services:		
Stockpiling of strategic and critical materials	.7	.8
Other	.1	.1

Source: Bureau of the Budget; *Budget of the United States Government, 1953*.

FIG. X.—FEDERAL GOVERNMENT EXPENDITURES FOR MILITARY SERVICES AND VETERANS' SERVICES AND BENEFITS: 1915 TO 1952

[1952 data are estimated. See table 241]



Source: Department of Commerce, Bureau of the Census. Data are from Bureau of the Budget.

No. 243.—MILITARY PERSONNEL ON ACTIVE DUTY: 1923 TO 1951

[Includes National Guard, Reserve, and retired Regular personnel on extended or continuous active duty. War-rant officers and flight officers are included under officers. Enlisted data include West Point cadets, Annapolis midshipmen and other officer candidates. Excludes Coast Guard]

JUNE 30	Grand Total	ARMY ¹			NAVY ²			MARINE CORPS		
		Total	Off- cers ³	En- listed	Total	Off- cers	En- listed	Total	Off- cers	En- listed
MALE AND FEMALE										
1923	247,011	133,243	14,021	119,222	94,094	8,410	85,684	19,674	1,141	18,533
1924	261,341	142,673	13,784	128,889	98,336	8,651	89,685	20,332	1,157	19,175
1925	251,814	137,048	14,594	122,454	95,288	8,918	86,370	19,478	1,168	18,310
1926	247,508	134,938	14,143	120,795	93,416	9,091	84,325	19,154	1,178	17,976
1927	249,052	134,829	14,020	120,809	95,025	9,440	85,585	19,108	1,193	18,000
1928	251,117	136,084	14,019	122,065	96,013	9,401	86,612	19,020	1,199	17,822
1929	255,233	139,118	14,047	125,071	97,319	9,434	87,885	18,796	1,181	17,615
1930	255,822	139,378	14,151	125,227	97,064	9,540	87,524	19,380	1,208	18,172
1931	252,705	140,516	14,150	126,357	93,407	9,849	83,558	18,782	1,190	17,590
1932	244,953	134,057	14,111	120,846	93,435	9,907	83,528	16,661	1,190	15,365
1933	243,071	136,547	13,896	122,651	91,356	9,947	81,409	16,008	1,192	14,876
1934	247,293	138,464	13,761	124,703	92,468	9,972	82,496	16,361	1,187	15,174
1935	252,220	139,486	13,471	126,015	95,480	10,115	85,365	17,200	1,163	16,037
1936	291,257	167,810	13,512	154,304	106,193	10,247	95,946	17,248	1,208	16,040
1937	311,590	179,968	13,740	166,228	113,360	10,397	103,002	18,223	1,312	16,911
1938	322,494	185,488	13,975	171,513	118,650	10,739	107,911	18,356	1,359	16,997
1939	334,473	189,839	14,486	175,353	125,202	12,023	113,179	19,432	1,380	18,052
1940	458,297	269,023	18,326	260,697	160,907	13,004	147,903	28,277	1,732	26,545
1941	1,801,101	1,462,315	99,536	1,362,779	284,427	20,002	264,335	54,350	3,339	51,020
1942	3,858,791	3,075,608	206,422	2,869,186	640,570	50,564	571,006	142,013	7,138	135,475
1943	9,044,745	6,994,472	579,576	6,414,896	1,741,750	179,076	1,562,074	398,523	21,384	237,139
1944	11,451,719	7,994,766	776,080	7,217,770	2,581,305	276,153	2,305,212	475,004	32,788	442,816
1945	12,123,455	8,207,968	891,003	7,376,295	3,850,817	331,379	3,519,438	474,080	37,067	437,613
1946	3,031,978	1,891,011	207,144	1,623,867	985,288	141,239	844,049	155,079	14,268	141,471
1947	1,582,909	991,285	132,504	858,781	408,061	52,434	355,627	93,053	7,000	85,547
1948	1,445,910	954,030	98,178	855,852	419,162	45,416	373,746	84,988	6,907	78,081
1949	1,615,360	960,473	77,272	883,201	449,675	47,975	401,699	85,955	7,250	78,715
1950	1,400,261	908,167	72,566	836,601	381,538	44,641	336,897	74,279	7,254	67,025
1951	3,249,455	1,531,774	130,540	1,401,234	736,080	70,513	665,567	192,020	15,150	177,470
FEMALE ⁵										
1941	6,104	5,433	5,433	---	671	671	---	---	---	---
1942	14,263	12,475	12,475	---	1,778	1,778	---	---	---	---
1943	120,169	91,543	38,222	55,326	30,975	9,258	21,717	3,643	244	3,399
1944	210,491	119,023	47,736	71,287	73,901	16,010	57,891	17,477	797	16,680
1945	204,934	153,644	62,864	90,780	92,853	19,567	73,286	18,437	831	17,005
1946	47,892	33,859	10,660	16,699	22,413	8,391	14,022	2,220	163	2,057
1947	19,764	14,744	7,650	7,094	4,776	2,081	2,694	245	10	235
1948	14,482	8,095	4,820	3,266	4,054	2,436	1,618	107	8	159
1949	18,080	9,277	5,021	4,256	5,131	2,511	2,620	352	30	322
1950	22,055	10,982	4,431	6,551	5,193	2,447	2,746	596	45	521
1951	39,610	17,838	6,955	10,883	9,458	4,190	5,268	2,055	93	2,002

JUNE 30	AIR FORCE ⁵						Army personnel assigned to Air Force Command ⁷	Air Force personnel assigned to Army Command ⁸
	Male and female			Female				
	Total	Officers	Enlisted	Total	Officers	Enlisted		
1948	387,730	48,957	338,773	2,166	733	1,433	27,903	5,419
1949	419,347	57,851	361,496	3,320	973	2,347	22,495	119
1950	411,277	57,006	354,271	5,314	1,532	3,782	13,735	-----
1951	783,381	107,099	681,282	10,249	2,735	7,514	13,978	-----

¹ Includes Philippine Scouts; excludes contract surgeons. Data for 1923-47 include personnel in Army Air Forces and its predecessors (Air Service and Air Corps). For 1948 and 1949 includes Air Force personnel assigned to Army command; excludes Army personnel assigned to Air Force Command. Beginning 1950, figures consist entirely of Army Department personnel, since Air Force Department personnel no longer assigned to U. S. Army organizations.

² Nurse Corps included with officers. ³ Includes field clerks in 1923-25.

⁴ Includes 178 Navy medical officers on duty with Army.

⁵ Number of women in services 1923 to 1940 relatively small.

⁶ 1948 and 1949 include Army personnel assigned to Air Force Command; exclude Air Force personnel assigned to Army command. No Air Force personnel assigned to Army command beginning 1950.

⁷ Included in Air Force. ⁸ Included in Army.

Source: Department of Defense, Office of Secretary of Defense; annual reports of the Departments, and Departmental records.

No. 244.—PRINCIPAL WARS IN WHICH THE ARMY OF THE UNITED STATES HAS ENGAGED—NUMBER OF TROOPS AND CASUALTIES

ACTION	Total troops engaged	CASUALTIES							
		Deaths					Wounded (not mortally)	Taken prisoner	Missing
		Total	Killed in action	Died of wounds	Died of disease	Other			
War of the Revolution.	(1)	2 4, 044					6, 004	6, 642	2, 124
War of 1812	2 528, 274	2 1, 950					4, 000		
Mexican War	116, 597	12, 946	1, 014	505	(4)	(4)	3, 393		
Civil War 5	2, 128, 948	359, 528	67, 058	43, 012	224, 586	24, 872	(6)	211, 411	
Spanish American War.	280, 564	6, 472	498	202	5, 423	349	2, 974		
Philippine Insurrection	126, 468	4, 105	777	227	2, 572	580	2, 911		
China Relief Expedition.	5, 000	102	33	18	47	4			
World War I	4, 057, 101	119, 956	37, 558	12, 942	62, 670	6, 776	7 193, 663	4, 416	
World War II	10, 400, 000	200, 005	175, 407	26, 706	15, 120	10 88, 772	11 571,822	12 114,568	13 1, 204

1 Estimates on total troops run from 250,000 to 395,000. Greatest strength of Continental Army was about 35,000 in November 1778.

2 Number of battle deaths accounted for on available records. Total number undoubtedly much larger. No figures available on deaths by disease or other causes.

3 Believed to represent enlistments and not individual soldiers, hence is considerably in excess of actual number of troops employed.

4 Number who died of disease cannot be definitely determined. Records show 10,986 "ordinary deaths" and 411 accidental and other deaths. It is believed that many who died of wounds are reported as cases of ordinary deaths.

5 Union only. Number of deaths believed to be somewhat larger as records, especially those of southern prisoners, are far from complete.

6 Not available.

7 Number incurred among 182,674 individuals.

8 Represents Army and Air Force personnel, Dec. 1, 1941 through Aug. 31, 1945.

9 Represents Army and Air Force personnel for period, Dec. 1, 1941 through Dec. 31, 1945. Battle casualties audited as of July 1, 1946, subject to change. Nonbattle casualties based on records through Jan. 31, 1948.

10 Includes 23,042 declared dead, 11,332 died of other causes as a result of battle, and 562 reported dead from missing in action. Includes deaths from accidents, homicide, and suicide.

11 Excludes 26,706 who subsequently died of wounds.

12 Excludes 11,332 who died of other causes (see footnote 10).

13 Excludes 23,042 declared dead, 562 reported dead from missing in action (see footnote 10), and 23,941 who were returned to duty. An audit, as of Sept. 30, 1947, shows a new balance of 12 remaining in a missing status.

Source: Department of the Army; *The Army Almanac*, 1950.

No. 245.—NAVY AND MARINE CORPS CASUALTIES IN PRINCIPAL WARS IN WHICH THE UNITED STATES HAS ENGAGED

ACTION	Total	NAVY		MARINE CORPS	
		Killed	Wounded	Killed	Wounded
War of the Revolution.....	575	342	114	49	70
War of 1812.....	815	265	439	45	66
Mexican War.....	62	1	3	11	47
Civil War, 1861-65.....	4, 101	2, 112	1, 710	148	131
Spanish American War.....	84	10	47	6	21
Philippine Insurrection.....	9	9	-----	-----	-----
China Relief Expedition, 1900.....	56	4	26	9	17
Occupation of Vera Cruz, 1914.....	92	17	57	5	13
World War I, 6 April 1917-11 November 1918.....	13, 236	2 436	3 819	2, 461	9, 520
Nicaragua Pacification, 1927-33.....	116	1	2	47	66
World War II, 7 December 1941-31 December 1946.....	161, 541	1 36, 950	1 37, 778	19, 606	67, 207

1 Excludes 856 missing in action.

2 Excludes 457 lost at sea.

3 Excludes 65 who subsequently died but counted as killed.

4 Includes 111 killed in October 1941.

5 Includes 29 wounded in October 1941; excludes 1,838 who subsequently died but counted as killed.

Source: Department of Navy and Marine Corps; *The Army Almanac*, 1950.

NO. 246.—SHIPS OF THE U. S. NAVY—COMPLETIONS (NEW VESSELS AND CONVERSIONS): 1943 TO 1951

[Data exclude uncompleted vessels accepted from builders in preservation status and Military Sea Transportation Service vessels acquired from Maritime Commission and transferred from Army]

CLASS	1943	1944	1945	1946	1947	1948	1949	1950	1951
Ships, total number	3,913	4,868	1,908	187	33	6	30	6	35
Combatants, total.....	568	410	152	63	4	2	10	2	30
Aircraft carriers, large.....			2		1				
Aircraft carriers:									
New construction.....	6	6	5	5				1	
Conversion.....									2
Aircraft carriers, small:									
New construction.....	9			1	1				
Conversion.....									1
Aircraft carriers, escort:									
New construction.....	19	7	13	4					
Conversion.....	31	31							
Battleships.....	2	2							
Cruisers, large.....		2							
Cruisers, heavy.....	4	1	8	4		1	2		
Cruisers, light.....	7	11	7	6		1	1		
Destroyer types:									
New construction.....	128	78	74	31	2		4		
Conversion.....									5
Escorts:									
New construction.....	306	193	6						
Conversion.....									2
Submarines:									
New construction.....	56	79	37	12			3	1	2
Conversion.....									18
Patrol and mine vessels, total.....	1,144	708	243	2			2	2	
New construction.....	1,105	636	238	2				1	
Conversion.....	39	70	5				2	1	
Auxiliaries, total.....	351	698	430	46	19	1	1	2	
New construction.....	208	290	180	35	4			1	
Conversion.....	143	397	250	11	15	1	1	1	
Landing ships, large.....	825	2,217	384	7	1				
Service craft, total.....	1,025	830	609	69	9	3	16		5
New construction.....	804	671	592	40	2		1		5
Conversion.....	221	158	107	20	7	3	16		
Ships, total tonnage (1,000)	4,134	5,876	3,199	595	95	34	76	49	116
Combatants, total.....	1,780	1,389	813	389	64	32	63	33	116
Aircraft carriers, large.....			90		45				
Aircraft carriers:									
New construction.....	163	162	136	135				31	
Conversion.....									62
Aircraft carriers, small:									
New construction.....	99			14	14				
Conversion.....									11
Aircraft carriers, escort:									
New construction.....	255	94	174	44					
Conversion.....	323	328							
Battleships.....	90	90							
Cruisers, large.....		55							
Cruisers, heavy.....	54	14	109	55		17	34		
Cruisers, light.....	62	106	66	48		15	15		
Destroyer types:									
New construction.....	256	166	176	75	5		10		
Conversion.....									10
Escorts:									
New construction.....	393	253	8						
Conversion.....									3
Submarines:									
New construction.....	85	121	54	18			4	2	2
Conversion.....									28
Patrol and mine vessels, total.....	289	310	50	1			2	1	
New construction.....	253	234	55	1				(1)	
Conversion.....	36	76	4				2	1	
Auxiliaries, total.....	882	2,649	1,624	169	23	(1)	1	15	
New construction.....	260	719	331	94	16			8	
Conversion.....	622	1,930	1,293	75	7	(1)	1	7	
Landing ships, large.....	619	1,210	371	12	2		2		
Service craft, total.....	564	318	332	24	6	2	8		(1)
New construction.....	423	222	300	13	1		(1)		(1)
Conversion.....	141	96	32	11	5	2	8		

1 500 tons or less.

Source: Department of the Navy, Office of the Comptroller.

No. 247.—SHIPS AND CRAFT OF THE U. S. NAVY, AS OF JANUARY 1: 1943 TO 1952

[Active and reserve fleet. *Data exclude: Vessels on loan or lease; vessels assigned to Naval Reserve Training Program; vessels under construction; vessels scheduled for disposal; small boats and ship's boats; small landing craft; uncompleted vessels accepted from builders in preservation status. Data include registered vessels under cognizance of Bureau of Yards and Docks. Ex-Army vessels operated by civil service personnel and government-owned tankers operated by civilian crews are presently assigned to Military Sea Transportation Service]

CLASS	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952
Ships, total number	3,622	6,322	10,120	5,850	4,741	4,526	4,426	4,297	4,441	4,466
Combatant vessels, total	2,186	4,220	7,636	3,815	2,846	2,752	2,738	2,759	2,770	2,640
Major combatant vessels	486	876	1,159	979	923	924	921	921	1,035	923
Patrol and mine vessels	858	1,627	1,851	743	330	323	313	341	343	351
Auxiliaries	398	661	1,400	838	808	833	834	816	706	703
Landing ships (large)	494	1,056	3,226	1,255	776	672	670	681	686	693
Service craft, total	1,436	2,102	2,484	2,044	1,895	1,774	1,688	1,538	1,435	1,590
Military sea transportation service vessels, total									236	236
Ships, total tonnage (1,000)	3,795	6,663	11,817	8,888	8,488	8,488	8,515	8,413	9,677	9,933
Combatant vessels, total	3,575	6,226	11,209	8,240	7,914	7,949	8,012	7,930	7,939	8,085
Major combatant vessels	1,732	3,026	4,148	3,961	3,903	3,908	4,053	4,121	4,349	4,170
Patrol and mine vessels	238	387	554	340	214	211	200	215	194	228
Auxiliaries	1,403	2,237	4,745	3,232	3,151	3,231	3,247	3,077	2,822	3,117
Landing ships (large)	112	576	1,762	677	586	509	506	517	574	564
Service craft, total	220	437	608	648	574	539	503	483	414	545
Military sea transportation service vessels, total									1,324	1,303

¹ Organized in 1950. See headnote.

Source: Department of the Navy, Office of the Comptroller, records.

No. 248.—AIRCRAFT OF THE U. S. NAVY, AS OF JANUARY 1: 1941 TO 1950

TYPE	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
Number, total	2,199	5,260	11,813	25,892	36,721	30,535	15,983	14,664	14,947	14,015
Combat	1,350	2,471	5,434	15,164	25,780	19,402	8,104	8,505	8,410	7,460
Transport and utility	169	303	624	1,367	2,437	2,876	1,268	1,225	1,300	1,374
Training	638	2,450	5,714	9,087	7,883	7,280	6,593	4,910	5,148	5,133
Miscellaneous	33	27	41	304	621	977	18	24	83	58

¹ Partly estimated.

² Includes combat-type airplanes used for training.

Source: Navy Department, Bureau of Aeronautics.

No. 249.—AIRPLANES ON HAND IN THE U. S. AIR FORCE, AS OF JANUARY 1: 1941 TO 1951

TYPE	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951
Total	3,961	12,297	33,304	64,232	72,726	44,782	30,035	23,814	20,068	17,222	17,337
Combat	1,760	4,477	11,607	27,448	41,961	26,077	17,186	13,118	9,031	8,004	8,150
Transport	124	254	1,857	6,466	10,456	7,500	4,538	3,536	3,712	2,839	2,850
Trainer	2,060	7,340	17,044	26,051	17,060	7,617	6,207	5,714	6,177	5,811	5,901
Communications	8	226	2,796	4,267	3,249	3,588	2,014	1,446	1,148	568	358

Source: Department of the Air Force, *United States Air Force Statistical Digest*.

No. 250.—CLASSIFICATION STATUS OF SELECTIVE SERVICE REGISTRANTS, AGED 19-25: OCTOBER 31, 1950 AND 1951

[In thousands]

CLASSIFICATION STATUS	1950		1951 ¹	
	Number	Percent	Number	Percent
Total	8,311	100.0	8,108	100.0
Unclassified.....	1,474	17.7	2,220	2.7
Classified.....	6,837	82.3	7,888	97.3
Available for military service (I-A & I-A-O).....	1,462	17.6	1,162	14.3
Inducted or enlisted, including discharges and reserves (I-C).....	460	5.5	1,010	23.6
Member of reserve component or National Guard (I-D).....	153	1.9	247	3.0
Occupational deferments (II-A, II-C, II-S, and I-S) ²	108	2.0	316	3.9
Dependency (II-F-A).....	1,023	12.3	918	11.3
Veteran of World War II (IV-A).....	2,710	32.7	2,691	25.8
Physically, mentally, or morally unfit (IV-F).....	709	9.6	1,171	14.5
Miscellaneous deferments (IV-B, IV-C, IV-D, IV-E) ⁴	59	.7	73	.9

¹ Under Universal Military Training and Service Act, as amended, approved June 19, 1951 (1) age of military liability was extended to 35 years for certain specified kinds of registrants, and (2) registrants under 19 years of age were made eligible for classification. Almost none under 19 had been classified as of Oct. 31, 1951, however, and these data are therefore for ages 19 through 25.

² Derived.

³ Class II-S, college students, and Class I-S, high school and college students, did not come into existence until Sept. 27, 1951; on Oct. 31, 1950, student deferments of II-S type were included with II-A and the I-S type with I-A, postponed students.

⁴ Class IV-E became I-O on Sept. 27, 1951.

Source: Selective Service System, National Headquarters.

No. 251.—MALE VETERANS OF WORLD WAR II BY AGE, MARITAL STATUS, AND NUMBER OF OWN CHILDREN UNDER 18 YEARS OLD: APRIL 1951

[Statistics based on Current Population Survey; see Sampling Note, p. 174. A person is classified as a veteran of World War II if he is a civilian who has been a member of the armed forces of the United States on active duty at any time between Sept. 16, 1940 and July 25, 1947]

MARITAL STATUS AND NUMBER OF CHILDREN	All male veterans of World War II	AGE				
		Under 25	25 to 34	35 to 44	45 to 54	55 and over
Total	14,462,000	1,964,000	8,114,000	3,404,000	738,000	182,000
Single.....	2,666,000	802,000	1,240,000	444,000	164,000	16,000
Married, wife present.....	11,062,000	1,100,000	6,694,000	2,742,000	490,000	136,000
No own children under 18.....	3,204,000	434,000	1,530,000	852,000	270,000	118,000
1 own child under 18.....	3,514,000	394,000	2,238,000	764,000	112,000	6,000
2 own children under 18.....	2,800,000	230,000	1,844,000	646,000	68,000	12,000
3 or more.....	1,544,000	42,000	982,000	480,000	40,000	—
Other marital status.....	674,000	62,000	280,000	218,000	84,000	30,000
No own children under 18.....	634,000	56,000	260,000	206,000	82,000	30,000
1 own child under 18.....	26,000	6,000	12,000	6,000	2,000	—
2 own children under 18.....	12,000	—	6,000	6,000	—	—
3 or more.....	2,000	—	2,000	—	—	—
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Single.....	18.5	40.8	15.3	13.0	22.2	8.8
Married, wife present.....	76.8	56.0	81.3	80.6	66.4	74.7
No own children under 18.....	22.2	22.1	18.9	25.0	36.6	64.8
1 own child under 18.....	24.4	20.1	27.6	22.4	16.2	3.3
2 own children under 18.....	19.4	11.7	22.7	19.0	9.2	6.6
3 or more.....	10.7	2.1	12.1	14.1	5.4	—
Other marital status.....	4.7	3.2	3.5	6.4	11.4	16.6
No own children under 18.....	4.4	2.9	3.2	6.1	11.1	16.6
1 own child under 18.....	.2	.3	.1	.2	.3	—
2 own children under 18.....	.1	—	.1	.2	—	—
3 or more.....	—	—	—	—	—	—

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 38.

No. 252.—EXPENDITURES OF VETERANS' ADMINISTRATION AND PREDECESSOR ORGANIZATIONS
(In thousands of dollars)

YEAR ENDING JUNE 30—	Total ¹	COMPENSATION AND PENSIONS						Military and naval insurance	U. S. Government life insurance fund
		Civil War	Spanish-American War	World War I	World War II	Other wars ²	Regular establishment		
Total	71,797,735	8,169,506	3,101,411	8,430,735	6,845,466	301,649	521,917	2,277,329	1,295,013
To 1936.....	21,486,888	7,887,575	1,053,771	3,146,294	-----	263,413	136,093	1,918,432	282,015
1937.....	893,094	46,696	114,924	219,460	-----	3,643	11,414	88,052	20,490
1938.....	629,850	39,233	118,183	230,263	-----	3,650	11,515	82,522	31,336
1939.....	900,222	33,179	125,298	242,866	-----	3,636	11,840	38,304	35,331
1940.....	639,127	27,790	127,427	254,846	-----	3,278	15,812	19,602	40,813
1941.....	614,357	23,174	127,357	261,040	-----	2,989	17,060	15,391	65,427
1942.....	647,334	10,526	125,074	263,871	201	2,734	19,294	15,491	44,481
1943.....	656,652	16,553	122,989	270,967	6,691	2,471	22,812	14,489	30,315
1944.....	828,392	13,895	125,080	268,266	61,668	2,279	23,207	10,293	44,719
1945.....	2,271,318	11,874	142,797	312,244	238,228	2,301	24,900	10,766	32,273
1946.....	4,772,072	10,417	130,342	345,510	694,242	2,125	24,061	15,385	48,594
1947.....	7,805,355	9,035	145,130	436,665	1,110,033	1,900	29,156	11,105	50,095
1948.....	7,184,961	9,019	165,098	471,952	1,143,036	1,922	29,605	8,316	205,090
1949.....	7,076,749	7,888	162,583	513,898	1,166,292	1,870	30,762	7,386	56,363
1950.....	9,752,983	6,823	156,158	572,504	1,223,182	1,074	49,037	6,765	113,603
1951.....	5,937,501	6,930	140,624	619,107	1,202,734	1,798	55,740	5,950	50,363

YEAR ENDING JUNE 30—	NATIONAL SERVICE LIFE INSURANCE		Adjusted service certificates ⁵	READJUSTMENT BENEFITS (PUBLIC LAW 346)			Hospital and domiciliary facilities (construction and related costs) ⁷	Administration and other benefits ⁸	All other ⁹
	Appropriation ⁴	Trust fund ⁵		Education and training	Readjustment allowances for unemployment and self-employment	Loan guaranty			
Total	4,207,796	4,976,010	3,816,214	12,223,362	3,805,754	333,892	747,205	6,686,261	4,058,215
To 1936.....	-----	-----	3,435,970	-----	-----	-----	87,733	838,512	2,437,080
1937.....	-----	-----	282,056	-----	-----	-----	8,904	84,745	4,136
1938.....	-----	-----	13,838	-----	-----	-----	9,347	85,881	3,422
1939.....	-----	-----	7,414	-----	-----	-----	10,958	87,013	3,893
1940.....	-----	-----	9,235	-----	-----	-----	13,638	94,456	3,230
1941.....	-----	7	2,657	-----	-----	-----	4,541	90,646	3,260
1942.....	-----	960	43,227	-----	-----	-----	4,045	104,696	3,135
1943.....	31,542	6,549	997	-----	-----	-----	2,720	114,662	3,606
1944.....	102,420	33,898	1,048	-----	-----	-----	4,851	130,090	5,200
1945.....	1,117,548	136,847	11,223	8,603	23,512	-----	15,801	159,550	13,562
1946.....	1,380,001	285,910	8,820	350,501	1,000,009	5,229	34,313	384,365	47,503
1947.....	828,473	255,815	1,075	2,122,292	1,447,016	75,493	153,980	882,129	220,102
1948.....	142,507	374,898	908	2,408,884	677,256	64,364	16,980	911,089	373,409
1949.....	87,405	339,463	614	2,703,863	509,592	40,637	124,024	941,186	375,537
1950.....	473,581	2,989,037	570	2,595,728	138,191	58,071	151,532	901,088	313,223
1951.....	44,310	542,045	350	1,043,341	8,378	90,108	103,878	864,670	230,219

¹ \$1,008,602,627 was paid from appropriations and \$10,789,132,863 from trust and working funds.

² War of the Revolution, \$76,000,000; War of 1812, \$46,218,391; Indian Wars, \$100,583,449; Mexican Wars, \$61,752,676; unclassified, \$16,513,426; Korean Conflict, \$316,870; \$204,239 for participants in yellow fever experiments, 1932-51.

³ Includes a cumulative adjustment for prior years of \$225,716,720.

⁴ Amount transferred by voucher to NSLI trust fund for payment of claims traceable to extra hazards of military or naval service and certain direct payments.

⁵ Includes special dividend as follows: 1950, \$2,634,537,050; and 1951, \$221,619,914.

⁶ Includes amounts reimbursed to U. S. Government Life Insurance fund on account loans made from that fund.

⁷ Includes expenditures from funds allotted under National Recovery Act of 1933 and Public Works Administration Act of 1938. Also includes \$375,323,692 transferred to the Department of the Army, Corps of Engineers, for the construction of hospitals as follows: 1946, \$7,500,000; 1947, \$135,250,000; 1949, \$90,000,000; 1950, \$100,000,000; and 1951, \$42,573,602.

⁸ Includes salaries and other administrative costs. Also includes fees for counseling of veterans; partial benefit payments made under Public Laws 16 and 346 for fiscal years 1944-47; reimbursement to States for administrative expenses, and expenditures under Federal Tort Claims Act. Medical, hospital and domiciliary services costs included beginning fiscal year 1932; expenditures for State and Territorial Homes included beginning fiscal year 1934.

⁹ Includes expenditures for medical, hospital and domiciliary services prior to fiscal 1932; National Home for Disabled Volunteer Soldiers and State and Territorial Homes prior to fiscal year 1934; payments for subsistence, tuition, supplies, and equipment under Public Law 16; burial allowances; homes for paraplegics; automobiles and other conveyances for disabled veterans; vocational training (World War I); allotments and allowances; marine and seamen's insurance; operation of Civil Service and Canal Zone retirements and disability systems to August 31, 1934; and other miscellaneous expenditures.

¹⁰ Includes a cumulative adjustment for prior years of \$69,935,263.

Source: Veterans' Administration, *Annual Report of Administrator of Veterans' Affairs*.

No. 253.—COMPENSATION, PENSIONS, AND EMERGENCY AND RESERVE OFFICERS' RETIREMENT PAY—LIVING VETERANS RECEIVING BENEFITS, DECEASED VETERANS WHOSE DEPENDENTS WERE RECEIVING BENEFITS, AND EXPENDITURES FOR BENEFITS: 1866 TO 1951

JUNE 30 OR YEAR ENDING JUNE 30—	NUMBER ON ROLLS			Expend- itures (\$1,000)	JUNE 30 OR YEAR ENDING JUNE 30—	NUMBER ON ROLLS			Expend- itures (\$1,000)
	Total	Living	De- ceased			Total	Living	De- ceased	
1866	126,722	55,652	71,070	15,450	1924	762,547	427,153	335,394	345,490
1870	193,686	87,521	111,165	29,351	1925	760,139	456,530	333,609	346,748
1875	234,821	122,089	111,832	20,270	1926	807,088	472,623	334,465	372,281
1880	250,802	145,410	105,392	56,689	1927	816,380	489,805	326,575	403,690
1885	345,125	247,146	97,970	65,172	1928	834,364	516,586	317,708	410,765
1890	537,944	415,054	122,290	106,004	1929	831,964	525,961	306,003	418,821
1895	970,524	751,456	219,068	139,812	1930	840,833	542,610	298,223	418,433
1900	993,529	752,510	241,019	138,462	1931	1,079,987	790,782	289,205	488,389
1904	994,762	720,921	273,841	141,094	1932	1,278,046	994,351	283,695	546,777
1905	998,441	717,761	280,680	141,143	1933	1,270,687	997,918	272,740	550,559
1906	985,971	701,483	284,488	139,000	1934	838,855	581,226	257,630	321,377
1907	967,371	680,470	286,892	138,155	1935	838,937	585,956	252,982	374,407
1908	951,687	658,581	293,106	153,093	1936	862,032	600,562	251,470	398,992
1909	946,194	633,036	313,159	161,974	1937	841,937	598,510	243,427	396,030
1910	921,083	602,622	318,461	159,974	1938	836,553	621,572	238,105	402,769
1911	892,098	570,456	321,642	157,325	1939	842,431	602,757	239,674	416,704
1912	860,294	538,362	321,932	152,980	1940	849,298	610,122	239,176	429,138
1913	820,200	503,633	316,567	174,172	1941	856,441	618,922	237,515	433,114
1914	785,239	470,623	314,016	172,418	1942	859,694	623,659	236,035	431,284
1915	748,147	437,731	310,424	165,618	1943	800,080	621,572	238,508	432,360
1916	709,572	403,372	306,200	159,155	1944	1,006,920	813,469	263,451	494,364
1917	673,111	370,147	302,964	160,895	1945	1,513,586	1,144,088	369,498	732,535
1918	640,497	341,632	307,865	180,177	1946	2,031,981	2,130,363	601,628	1,215,688
1919	673,832	338,216	335,616	233,461	1947	2,920,705	2,354,297	566,468	1,731,978
1920	769,543	419,627	349,916	316,418	1948	2,918,325	2,315,039	603,286	1,827,542
1921	768,572	422,691	345,881	380,026	1949	2,940,133	2,313,545	635,588	1,891,283
1922	772,379	430,942	341,437	377,158	1950	3,020,361	2,368,238	658,123	1,909,462
1923	778,180	436,776	341,404	388,607	1951	3,056,178	2,373,577	682,601	1,935,988

DESCRIPTION	NUMBER ON ROLLS, BY WARS, JUNE 30— ²							
	1930	1935	1940	1945	1948	1949	1950	1951
Total	840,833	838,937	849,298	1,513,586	2,918,325	2,949,133	3,026,361	3,056,178
War of 1812: Deceased	10	4	1	1				
War with Mexico:								
Living								
Deceased	630	294	130	55	36	29	24	22
Indian Wars:								
Living	5,454	3,899	2,216	1,115	710	623	530	376
Deceased	4,191	4,745	4,055	2,673	2,090	1,977	1,799	1,636
Civil War:								
Living	49,018	13,273	2,381	229	49	26	15	6
Deceased	167,674	100,290	50,141	24,521	16,323	13,430	11,132	10,260
Spanish-American War:								
Living	186,811	104,502	159,230	128,704	106,698	99,527	91,984	85,246
Deceased	30,919	80,045	57,720	71,955	77,336	78,636	79,624	80,448
Regular Establishment:								
Living	15,661	32,124	36,051	42,925	43,438	48,178	53,785	58,748
Deceased	3,830	7,240	10,126	13,660	13,513	15,163	17,470	22,622
World War I:								
Living	285,666	372,157	410,244	425,589	449,609	479,446	520,925	562,288
Deceased	90,969	101,364	117,003	162,000	252,626	268,946	284,110	296,698
World War II:								
Living				546,126	1,714,535	1,685,745	1,701,019	1,666,694
Deceased				94,627	241,362	257,407	263,964	270,146
Public Law 28, 82d Con- gress: ³								
Living								219
Deceased								769

¹ Excludes any increased compensation for vocational rehabilitation subsistence allowance under Public Law 16.

² For expenditures by wars, see table 252.

³ Veterans with service on or after June 27, 1950.

Source: Veterans' Administration, *Annual Report of Administrator of Veterans' Affairs*.

No. 254.—COMPENSATION, PENSIONS, AND EMERGENCY AND RESERVE OFFICERS' RETIREMENT PAY—ANNUAL AVERAGE PAYMENTS, PER VETERAN, TO LIVING VETERANS AND TO DEPENDENTS OF DECEASED VETERANS, BY WARS: 1910 TO 1951

[Averages calculated by dividing total annual value of benefits, as of June 30, by number on rolls]

DESCRIPTION	1910	1915	1920	1925	1930	1935	1940	1945	1948	1949	1950	1951
All wars.....	\$172	\$215	\$358	\$408	\$475	\$428	\$408	\$548	\$504	\$631	\$600	\$658
Living.....	184	263	422	454	614	448	610	646	673	597	646	634
Decceased.....	140	148	280	344	404	383	407	553	674	753	750	742
War of 1812 (deceased).....	151	149	233	360	540	510	240	240				
War with Mexico.....	167	175	240	363	586	579	580	676	557	547	536	541
Living.....	238	356	414	700								
Decceased.....	144	146	230	359	586	579	580	676	557	547	536	541
Indian Wars.....	132	168	203	202	446	435	492	670	680	678	682	662
Living.....	110	230	240	243	513	520	736	843	1,073	1,087	1,130	1,139
Decceased.....	144	145	149	149	350	358	358	456	540	548	548	552
Civil War.....	174	220	369	477	542	533	489	460	537	541	539	549
Living.....	187	275	452	660	852	1,060	1,102	1,188	1,410	1,398	1,392	1,440
Decceased.....	148	147	281	360	462	403	457	452	536	540	538	518
Spanish-American War.....	128	134	142	206	389	368	582	707	884	877	868	853
Living.....	121	129	152	163	389	388	660	801	1,064	1,100	1,100	1,199
Decceased.....	169	160	175	278	389	280	307	433	503	504	503	592
Regular Establishment.....	173	176	181	198	232	234	302	437	521	636	673	692
Living.....	166	169	173	192	235	224	378	430	535	599	631	625
Decceased.....	197	200	204	219	219	280	304	467	473	763	802	896
World War I.....			417	421	499	445	477	645	663	690	719	717
Living.....			449	453	653	472	459	646	660	728	777	778
Decceased.....			310	317	331	348	538	646	664	693	613	663
World War II.....								614	644	656	631	614
Living.....								482	500	530	551	551
Decceased.....								698	705	949	933	933

Source: Veterans' Administration, *Annual Report of Administrator of Veterans' Affairs*.

No. 255.—AMERICAN NATIONAL RED CROSS—EXPENDITURES AND ADULT MEMBERSHIP: YEARS ENDING JUNE 30, 1943 TO 1951

ITEM	1943	1944	1945	1946	1947	1948	1949	1950	1951
Adult membership (thousands):									
Total, including insular and foreign.....	28,963	30,544	36,645	21,980	18,110	18,008	18,138	18,000	18,635
Continental U. S. and Alaska.....	28,847	30,371	36,502	21,874	18,044	17,989	17,890	17,830	18,500
Percent of total population ¹	21.1	26.3	27.7	16.6	13.7	13.7	13.6	12.6	12.0
Expenditures, total (\$1,000) ²	56,876	108,904	130,671	133,274	65,808	50,929	43,698	39,561	45,917
Services to the armed forces and to veterans.....	42,301	89,997	112,345	107,335	33,047	16,429	14,891	12,428	16,613
Disaster preparedness and relief.....	2,938	3,150	3,403	2,214	8,887	12,533	6,804	5,589	3,765
National blood program.....			20	260	1,192	1,778	5,100	5,847	9,847
Health services.....	2,752	2,831	2,610	3,011	2,251	1,987	2,112	1,774	1,962
School and college activities.....	447	713	988	1,550	1,476	1,417	1,374	1,124	925
Volunteer services.....	481	413	374	342	1,192	276	304	263	257
General service and assistance to domestic and insular chapters.....	2,048	2,206	2,097	2,558	2,700	2,330	2,372	2,103	2,790
Public relations.....	370	693	634	784	660	715	640	540	456
Fund raising.....	1,163	1,295	1,569	1,172	804	707	698	597	652
International program.....	2,944	5,319	4,034	10,049	3,698	1,331	884	376	401
General executive offices.....	1,343	2,287	2,478	3,000	1,636	1,864	1,616	1,948	1,793
Purchase and improvement of land and buildings.....									
Operating facilities.....					1,150	137	451		2,418
					7,928	9,425	6,462	6,983	4,008

¹ Based on population estimates of Bureau of Census.

² Data for chapter budgets not included; additional expenditures by chapters estimated at approximately \$45,379,700 for year ending June 30, 1951. Activities common to all services, such as stenographic section, files, etc., previously prorated to the various services, are included with "Operating facilities" beginning 1947. In fiscal year 1951, applicable proportion of cost of telecommunications, duplicating service, insurance and retirement charged directly to program services.

Source: The American National Red Cross, annual report.

NATIONAL SERVICE LIFE INSURANCE

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No. 256.—NATIONAL SERVICE LIFE INSURANCE IN FORCE AS OF JUNE 30, 1951

PLAN	Number	Amount	PLAN	Number	Amount
Total ¹	7,146,943	\$49,456,590,061	20-year endowment.....	160,347	\$568,988,000
5-year level premium term.....	5,078,860	39,910,637,500	Endowment at age 60.....	79,323	417,252,000
Ordinary life.....	384,827	2,152,066,500	Endowment at age 65.....	40,877	229,225,500
20-payment life.....	981,812	4,144,484,500	Extended insurance.....	63,728	221,535,424
30-payment life.....	355,013	1,820,823,500	Paid-up insurance.....	1,250	977,137

¹ Excludes 8,494 policies with face value \$47,319,920 held by veterans disabled in service for whom ordinary standards of insurability are waived.

No. 257.—NATIONAL SERVICE LIFE INSURANCE POLICIES ISSUED TO JUNE 30, 1951

BRANCH OF SERVICE	Number	Amount	PERCENT OF TOTAL		Average policy
			Number	Amount	
Total.....	22,078,103	\$172,988,817,000	100.00	100.00	\$7,835
Army.....	15,608,309	117,022,759,000	70.70	68.17	7,555
Navy.....	4,860,059	42,004,659,000	22.05	24.28	8,027
Air Force.....	420,516	3,714,602,500	1.93	2.15	8,700
Marine Corps.....	829,708	6,983,704,000	3.76	4.04	8,416
Coast Guard.....	218,906	1,623,138,000	.99	.94	7,415
Public Health Service.....	2,180	19,526,000	.01	.01	8,957
Coast and Geodetic Survey.....	51	451,500	(¹)	(¹)	8,853
Veterans.....	123,284	719,977,000	.56	.41	5,840

¹ Less than 0.005 percent.

No. 258.—U. S. GOVERNMENT LIFE INSURANCE IN FORCE: 1921 TO 1951

[Amounts in thousands of dollars. U. S. Government life insurance is granted to veterans of World War I (including those now serving with land, air, and naval forces) upon application, payment of premiums, and satisfactory proof of good health. No person may carry a combined amount of insurance with the government in excess of \$10,000 at any one time]

JUNE 30—	INSURANCE POLICIES		JUNE 30—	INSURANCE POLICIES		JUNE 30—	INSURANCE POLICIES	
	Number	Amount		Number	Amount		Number	Amount
1921.....	651,054	3,849,376	1942.....	594,806	2,507,187	1947.....	531,053	2,310,344
1923.....	552,340	2,865,029	1943.....	586,631	2,499,656	1948.....	513,263	2,237,325
1930.....	648,248	3,042,743	1944.....	578,641	2,494,900	1949.....	500,784	2,182,181
1935.....	590,865	2,605,400	1945.....	567,941	2,454,864	1950.....	484,793	2,116,000
1940.....	609,094	2,505,327	1946.....	551,823	2,390,154	1951.....	470,287	2,055,684

No. 259.—U. S. GOVERNMENT LIFE INSURANCE ISSUED AND IN FORCE, BY PLAN

PLAN	ISSUED TO DECEMBER 31, 1950					IN FORCE JUNE 30, 1951	
	Number	Amount (1,000)	Percent of total		Average policy	Number	Amount (1,000)
			Number	Amount			
Total.....	1,151,873	\$4,351,886	100.0	100.0	\$4,212	479,257	\$2,055,684
Ordinary life.....	227,060	1,091,628	19.8	22.5	4,705	147,065	752,224
20-payment life.....	324,218	1,157,617	23.1	23.0	3,570	184,758	680,263
30-payment life.....	38,607	189,528	3.4	3.0	4,909	26,940	141,701
20-year endowment.....	258,378	649,079	22.4	13.4	2,512	25,902	67,093
30-year endowment.....	46,611	191,120	4.0	3.9	4,109	19,101	84,896
Endowment at age 62.....	47,498	221,810	4.1	4.6	4,670	24,782	117,701
5-year convertible term.....	145,683	960,350	12.6	10.8	6,597	26,611	172,374
5-year level premium term.....	63,418	390,734	5.5	8.0	6,161	11,705	23,840
Extended insurance.....						3,393	6,621
Paid-up insurance.....							

Source of tables 256-259: Veterans' Administration, *Annual Report of Administrator of Veterans' Affairs* and records.

No. 260.—VETERANS RECEIVING VOCATIONAL TRAINING AND EDUCATION: JUNE 1949 TO SEPTEMBER 1951

STATUS	1949		1950		1951		
	June 30	Dec. 31	June 30	Dec. 31	Mar. 31	June 30	Sept. 30
Vocational rehabilitation program:¹							
Applications received ²	690,920	720,038	741,892	1,151,229	1,160,824	1,109,545	1,178,066
In training.....	179,372	180,919	122,867	106,189	83,531	65,188	54,452
School.....	70,239	84,004	44,331	45,811	39,125	20,739	14,802
Institutional on-farm.....	42,226	43,418	42,949	36,193	30,840	28,375	20,042
Job.....	66,907	53,497	35,587	24,185	19,566	16,074	13,588
Rehabilitated ²	119,598	155,244	204,031	238,041	255,488	272,253	282,320
Education and training program:³							
Applications received ²	8,428,910	8,893,222	9,233,327	9,787,305	9,917,693	10,065,439	10,218,789
In training.....	1,681,780	2,293,504	1,492,868	1,716,064	1,601,027	1,152,891	1,204,769
School.....	1,010,504	1,722,325	975,608	1,286,785	1,211,867	776,615	825,172
Institutional on-farm.....	208,057	303,306	318,503	281,532	262,235	263,256	269,686
Job.....	323,129	267,933	198,767	147,747	126,925	113,020	109,911

¹ Authorized under Public Law 16, 78th Congress. ² Cumulative from inception of program.

³ Authorized under Public Law 346, 78th Congress.

Source: Veterans' Administration, *Annual Report of Administrator of Veterans' Affairs* and records.

No. 261.—VETERANS' READJUSTMENT ALLOWANCES—NUMBER OF CLAIMANTS AND AMOUNT OF PAYMENTS: SEPTEMBER 1944 TO DECEMBER 1951

[Payments in thousands of dollars. Allowances provided veterans of World War II under Servicemen's Readjustment Act of 1944]

MONTH	Total payments	UNEMPLOYMENT ALLOWANCES		SELF-EMPLOYMENT ALLOWANCES	
		Amount of payments	Number of continued claims (last wk. in period)	Amount of payments	Total claims (filed during period)
1944: September-December.....	4,215	4,113	24,000	102	1,751
1945: January-June.....	18,940	16,606	36,900	3,334	30,659
July-December.....	106,690	98,340	632,000	8,341	108,077
1946: January-June.....	917,398	809,782	1,744,106	107,616	1,302,708
July-December.....	826,316	681,511	934,704	144,805	1,446,505
1947: January-June.....	609,319	485,366	721,213	123,063	1,392,715
July-December.....	361,224	287,012	443,290	74,212	783,307
1948: January-June.....	316,596	265,333	385,282	50,263	698,808
July-December.....	194,472	161,137	354,711	33,336	359,723
1949: January-June.....	320,016	288,856	585,780	81,460	301,831
July-December.....	110,179	98,080	61,039	12,099	122,918
1950: January-June.....	27,212	26,084	27,148	1,128	12,583
July-December.....	7,440	6,903	5,756	537	5,502
1951: January-June.....	1,789	1,699	1,233	90	1,023
July-December.....	444	424	1,727	20	308
Total (cumulative).....	3,822,254	3,230,945		591,309	

¹ Weekly average for last month in period.

² Adjusted total; not equal to sum of semiannual figures.

Source: Veterans' Administration, *Annual Report of Administrator of Veterans' Affairs*.

No. 262.—VETERANS' GUARANTEED AND INSURED LOANS—NUMBER AND AMOUNT OF
LOANS CLOSED, BY TYPE OF LOAN, NOVEMBER 1944 TO DECEMBER 1951

[Amounts in thousands of dollars. Cumulative totals may not equal sum of monthly figures because of adjustments]

PERIOD OR MONTH ENDING	TOTAL			HOME		FARM		BUSINESS	
	Number	Amount of loans	Amount of guaranty and insurance	Number	Amount of loans	Num- ber	Amount of loans	Num- ber	Amount of loans
Cumulative:									
To Dec. 23, 1945..	49, 219	1 212, 512	80, 557	44, 731	1 198, 913	1, 064	13, 585	3, 424	110, 014
To Dec. 25, 1946..	517, 980	2, 697, 440	1, 280, 028	455, 293	2, 494, 547	18, 202	60, 844	44, 485	136, 049
To Dec. 25, 1947..	1, 117, 879	6, 183, 772	2, 891, 490	996, 510	5, 777, 068	37, 695	144, 609	83, 374	232, 065
To Dec. 25, 1948..	1, 465, 069	8, 161, 134	3, 857, 795	1, 346, 075	7, 053, 976	48, 403	180, 011	101, 181	320, 544
To Dec. 25, 1949..	1, 789, 402	9, 634, 546	4, 600, 870	1, 622, 897	9, 077, 565	53, 349	204, 147	113, 186	352, 834
To Dec. 25, 1950..	2, 363, 975	12, 759, 732	6, 281, 187	2, 120, 463	12, 150, 993	55, 507	223, 554	125, 003	333, 185
1951: Jan. 25.....	51, 891	365, 009	213, 686	50, 415	360, 574	378	1, 639	1, 098	2, 796
Feb. 25.....	46, 712	329, 590	193, 777	44, 873	324, 755	390	1, 596	1, 449	3, 140
Mar. 25.....	40, 940	295, 536	171, 101	38, 055	280, 138	454	2, 080	1, 821	4, 310
Apr. 25.....	41, 495	325, 504	188, 381	38, 493	317, 460	532	2, 539	2, 470	5, 558
May 25.....	38, 805	298, 350	172, 906	36, 052	291, 900	396	1, 707	2, 447	4, 737
June 25.....	35, 420	270, 084	156, 138	32, 444	264, 153	244	951	2, 732	4, 980
July 25.....	42, 772	328, 242	189, 652	38, 551	319, 365	269	1, 210	3, 952	7, 667
Aug. 25.....	41, 243	324, 238	188, 068	37, 086	317, 047	216	854	3, 341	6, 337
Sept. 25.....	35, 441	279, 107	160, 825	31, 365	271, 148	159	645	3, 917	7, 374
Oct. 25.....	38, 190	304, 912	175, 481	34, 090	296, 748	206	739	3, 894	7, 424
Nov. 25.....	41, 931	322, 929	182, 576	34, 653	308, 639	204	897	7, 074	13, 394
Dec. 25.....	38, 564	284, 673	159, 708	30, 086	267, 958	182	808	8, 296	15, 907
Cumulative to Dec. 25, 1951.....	2, 797, 469	16, 472, 960	8, 426, 331	2, 567, 836	15, 765, 473	62, 137	239, 574	167, 496	467, 914

¹ Estimated.

Source: Veterans' Administration, records.

No. 263.—VETERANS RECEIVING HOSPITAL OR DOMICILIARY CARE AUTHORIZED BY VETERANS' ADMINISTRATION: 1932 TO 1951

[During fiscal year 1951, 3,072,753 visits were made by veterans to staff or fee physicians for out-patient medical care. On June 30, 1951, 7,372 veterans were domiciled in State and Territorial homes. For each person, Federal Government reimbursed these States at rate of \$120 per year through August 1939, \$240 per year through December 17, 1943, \$300 per year through May 31, 1948, and \$500 per year thereafter]

YEAR ENDING JUNE 30—	Total receiving hospital or domiciliary care at end of year	VETERANS RECEIVING HOSPITAL TREAT- MENT, ALL FACILITIES AND HOSPITALS ¹					Veterans receiving domiciliary care at end of year	VETERANS' ADMINISTRATION FACILITIES				
		Average daily patients	Patients remaining at end of year					Hospital ²			Domiciliary	
			Total	Tuber- culosis	Neuro- psychi- atric	General		Average daily patients	Oper- ating ex- penses (1,000 dollars)	Per diem cost (dol- lars) ³	Average daily domiciliary care	Oper- ating ex- penses (1,000 dollars)
1932.....	62,255	42,448	43,567	6,499	20,160	16,908	18,688	26,046	31,936	3.44	-----	-----
1933.....	44,644	42,526	35,457	5,425	20,109	7,928	11,187	32,666	33,391	2.74	-----	-----
1934.....	48,849	36,192	39,445	5,032	22,226	12,187	9,404	35,220	32,620	2.51	10,190	3,640
1935.....	51,922	41,172	42,599	5,184	23,358	14,107	9,323	30,030	30,856	2.78	10,406	4,024
1936.....	51,128	43,516	41,542	4,539	24,447	12,556	9,586	40,972	42,386	2.82	12,008	4,474
1937.....	57,180	44,942	46,142	4,789	26,394	14,950	11,038	41,939	43,282	2.81	10,364	4,209
1938.....	67,924	49,004	50,670	4,857	29,267	16,546	14,254	45,639	44,204	2.65	13,514	4,872
1939.....	69,287	52,805	53,861	4,913	31,190	17,758	15,426	49,147	47,988	2.68	15,709	5,218
1940.....	73,114	56,304	56,696	4,644	33,016	18,936	16,518	52,409	49,921	2.60	16,768	5,548
1941.....	72,138	58,475	58,160	4,637	34,608	19,015	13,978	54,582	55,444	2.78	16,096	5,670
1942.....	67,646	57,880	56,073	4,900	34,659	16,514	11,573	54,636	59,055	2.96	14,371	5,836
1943.....	66,638	56,072	56,641	4,974	36,369	15,298	8,997	53,470	65,684	3.37	10,430	5,580
1944.....	72,376	61,305	63,800	6,190	40,382	17,228	8,576	58,338	72,111	3.38	9,447	5,427
1945.....	80,008	68,276	71,229	6,732	44,636	19,861	8,779	64,317	80,324	3.42	9,002	5,174
1946.....	96,389	78,326	85,537	8,103	49,399	28,335	11,052	71,493	136,248	5.22	10,547	7,655
1947.....	117,901	98,146	104,443	12,400	53,952	38,001	13,458	85,923	284,844	8.67	13,064	12,725
1948.....	117,851	105,881	108,576	13,045	54,790	35,741	14,275	92,584	322,580	9.05	14,387	14,144
1949.....	123,340	106,938	107,073	14,810	55,150	37,113	16,267	94,539	399,278	10.24	15,288	17,363
1950.....	118,997	108,033	102,303	14,361	54,419	33,523	16,694	96,640	400,893	10.90	16,831	19,134
1951.....	116,796	104,391	100,517	15,067	53,133	32,317	16,279	96,305	426,148	11.66	16,775	19,987

VETERANS UNDER HOSPITAL OR DOMICILIARY CARE, BY CLASS OF BENEFICIARY									
TYPE OF CARE AND YEAR (JUNE 30)	All wars and regular establishment			World War II		World War I		Public Law 28 ⁴	Other ⁵
	Total	Service con- nected	Non- service	Service con- nected	Non- service	Service con- nected	Non- service		
Hospital treatment:									
1935.....	42,566	12,046	30,558	-----	-----	10,746	27,287	-----	4,566
1940.....	56,596	12,328	44,268	-----	-----	10,552	40,360	-----	5,684
1944.....	63,800	17,860	45,940	6,162	7,545	9,713	34,591	-----	5,789
1945.....	71,229	23,337	47,892	11,655	9,119	9,696	35,092	-----	5,697
1946.....	85,537	27,790	58,047	16,087	21,273	9,639	33,343	-----	5,495
1947.....	104,443	35,625	68,818	22,981	28,049	10,451	36,896	-----	6,066
1948.....	108,576	34,872	68,704	22,472	28,532	10,249	36,031	-----	5,892
1949.....	107,073	35,919	71,154	23,899	29,768	10,078	37,462	-----	6,376
1950.....	102,303	34,596	67,707	22,364	27,794	9,714	36,344	-----	6,087
1951.....	100,517	35,597	64,920	23,407	25,137	9,145	35,817	537	6,474
Domiciliary care:									
1935.....	9,323	919	8,404	-----	-----	727	6,739	-----	1,857
1940.....	16,518	1,146	15,372	-----	-----	949	14,293	-----	1,276
1944.....	8,576	559	8,017	26	171	448	7,123	-----	808
1945.....	8,779	590	8,219	67	293	414	7,174	-----	831
1946.....	11,052	684	10,368	107	526	506	8,951	-----	902
1947.....	13,458	994	12,464	143	583	709	10,687	-----	1,330
1948.....	14,275	1,289	12,986	164	633	963	11,190	-----	1,325
1949.....	16,267	1,614	14,453	208	818	1,301	12,407	-----	1,443
1950.....	16,694	1,895	14,799	337	957	1,350	12,674	-----	1,376
1951.....	16,279	1,922	14,357	342	973	1,368	12,264	-----	1,342

¹ Includes Veterans' Administration beneficiaries cared for in Army, Navy, other Federal, and State and civil (contract) hospitals.

² Includes hospitals operated in connection with Veterans' Administration domiciliaries.

³ Excludes hospitals operated for only part of year under unusual conditions.

⁴ Veterans with service on or after June 27, 1950.

⁵ Includes veterans of all other wars, and of regular establishment.

Sources: Veterans' Administration, *Annual Report of Administrator of Veterans' Affairs* and records.

10. Social Security and Related Programs

(Sent to print March 6, 1952)

(Data in this section relate to continental United States, Alaska, and Hawaii, except as noted)

Broadly considered, "social security" includes (1) all public provisions for payments to individuals on an insurance or similar basis to compensate for part of the wage loss resulting from old age, sickness, disability, unemployment, or death (social insurance and related programs); (2) assistance, or payments on a needs basis, to persons with inadequate income (public aid); and (3) medical and hospital care and services to individuals to improve their health, earning power, and welfare (health and medical services and other welfare services).

The *Social Security Bulletin* carries current data on many of these programs, and summarizes annual data for them in an annual Statistical Supplement. See also source notes to the tables in this volume for publications giving more detailed data and analyses of the figures and information on administrative factors that may affect them.

SOCIAL INSURANCE FOR INDUSTRIAL AND COMMERCIAL WORKERS

The two social insurance programs established by the Social Security Act provide protection against wage loss resulting from old age or death (Federal old-age and survivors insurance) or unemployment (Federal-State unemployment insurance). In addition, three States—Rhode Island, California, and New Jersey—administer cash benefits for workers covered by the State unemployment insurance law who suffer a wage loss because of temporary sickness; payments under a New York sickness benefits law on the workmen's compensation pattern, administered by the Workmen's Compensation Agency, became payable on July 1, 1950. These insurance programs cover employment in industry and commerce. Some State unemployment insurance laws, however, limit coverage to workers in firms with a specified minimum number of employees in a specified number of weeks in a year. The coverage of old-age and survivors insurance was broadly extended by the 1950 amendments to the Social Security Act. In general, the coverage extensions became effective on January 1, 1951. The newly covered groups include employees of nonprofit institutions under specified conditions, certain employees of State and local governments under voluntary agreements negotiated between the States and the Federal Security Administrator, most Federal civilian employees who are not under a Federal retirement system, most self-employed persons other than farm operators and certain specified professional people, household workers in private homes and farm workers who are "regularly" employed as defined by law. Employment outside the continental United States and in the Virgin Islands and Puerto Rico is covered on the same basis as employment within continental United States. A revised definition of the term "employee" extends coverage to many persons as employees. The major groups still excluded are self-employed farmers and specified professional persons, and farm and domestic workers who are not "regularly" employed.

Old-age and survivors insurance (tables 269-276) provides monthly retirement benefits to fully insured workers, as defined below, at age 65 or over and supplementary monthly benefits to their wives, if they are aged 65 or have a child of the wage earner in their care, and to dependent children under age 18. Benefits may be paid at age 65 to the dependent husband of a retired woman beneficiary who was currently insured

at the time of her entitlement. Monthly survivor benefits are payable to certain dependents of fully or currently insured workers—children under age 18, and widows who have in their care a child beneficiary of the deceased insured worker. In some cases, the divorced wife of the deceased worker may qualify for survivors benefits if she has their child in her care. If the deceased worker was fully insured, survivor benefits are payable to his widow at age 65. The dependent widower of a deceased woman worker who was both fully and currently insured at her death, may qualify for a widower's benefit at age 65. If the worker died fully insured and leaves no widow, widower or unmarried child immediately or potentially eligible for benefits, benefits are payable to parents aged 65 or over who were chiefly dependent on him. A lump sum is paid to the spouse who was living with the worker at the time of death or, if there is no such spouse, as reimbursement for burial expenses to a person or persons equitably entitled to such payment.

A worker is fully insured if he has at least 1 quarter of coverage—earned at any time after 1936—for every 2 calendar quarters that have elapsed since the end of 1950 (or since attainment of age 21 if later) and before the quarter in which he attains age 65 or dies (with a minimum of 6 such quarters of coverage), or if he has at least 40 quarters of coverage. A quarter of coverage is a calendar quarter in which a worker receives wages of at least \$50 or, after 1950, is credited with at least \$100 of self-employment income. A worker is currently insured if he has at least 6 quarters of coverage within the period of 13 quarters ending with the quarter of death or entitlement to retirement benefits.

Monthly benefits and lump-sum payments are based on the worker's average wage as legally defined. Under the 1950 amendments, World War II veterans are entitled to wage credits of \$160 for each month of military service during the war period, unless a benefit based in whole or in part on such service becomes payable by a Federal agency other than the Veterans' Administration. Benefits are suspended for any month in which the beneficiary, or the person on whose wage record benefits are based, was under age 75 and earned wages of more than \$50 in covered employment or was charged with net earnings from self-employment of more than \$50. Covered workers and their employers each pay contributions of 1.5 percent on the worker's wages, not counting amounts above the first \$3,600 in a year. The rate is scheduled to rise by steps until it reaches 3.25 percent each in 1970. 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. The wage credits of a worker—the amounts of wages and self-employment income up to a maximum of \$3,600 a year—are recorded in individual employee accounts maintained by the Bureau of Old-Age and Survivors Insurance.

State unemployment insurance laws (tables 277–281) 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, amounting to 20 in 16 States, 26 in 18 States at the end of 1951 but ranging from 12 to 25 weeks among the others. In theory, weekly benefit amounts represent about 50 percent of wages, but the maximum limits on individual payments, which range from \$20 to \$30 under the several State laws, cut down the proportion for many workers in many States. Eleven States take account of the unemployed worker's dependents in determining the amount of benefits payable to him. Four States now pay benefits to workers whose unemployment is caused by sickness.

The standard rate of contributions payable by employers for unemployment insurance is 2.7 percent of wages paid, not counting amounts above the first \$3,000 a year paid to an employee. In two States, employees also contribute for unemployment

insurance. All States adjusted employer contribution rates in 1951 in accordance with "experience rating," which is based in general on the extent to which their employees have drawn benefits. The Federal Government imposes a Federal unemployment tax on employers of eight or more in industry or commerce; against this Federal tax, employers credit, up to 90 percent of their Federal liability, contributions they have paid under the State law or would have paid if they had been assessed at the standard rate. Contributions collected by States are deposited to State accounts in the Federal unemployment trust fund, from which States withdraw amounts needed for benefit payments. The Federal Government makes grants to States to cover the necessary administrative costs of State systems that meet statutory Federal requirements.

In the four States which have temporary disability programs, employees pay contributions for these benefits. Other States which now collect or in the past have collected employee contributions for unemployment insurance may use that money to finance cash sickness benefits.

SOCIAL INSURANCE FOR RAILROAD WORKERS

The social insurance programs under the Railroad Retirement Act and Railroad Unemployment Insurance Act cover employees of railroads (including the Railway Express Agency and the Pullman Company) subject to part I of the Interstate Commerce Act, affiliated companies such as refrigerator-car loan companies performing services connected with railroad transportation, organizations such as railroad and traffic associations maintained by two or more covered employers, and standard railway-labor organizations, national in scope. These programs are administered by the Railroad Retirement Board, which publishes operations data in its *Monthly Review* and *Annual Report*.

Retirement and survivor benefits (tables 286 and 288).—The Railroad Retirement Act, as amended October 30, 1951, provides retirement annuities for aged and disabled workers and for wives of retired employees, and monthly and lump-sum benefits to survivors of deceased workers. The most recent changes in the Railroad Retirement Act became effective November 1, 1951; consequently, not all the benefits described here are reflected in the tables that follow.

Old-age annuities are payable at age 65 after 10 years of service, or at reduced rates (full rates for women employees) at ages 60 to 64 after 30 years of service. Total and permanent disability annuities are payable under age 65 after 10 years of service; and occupational disability annuities, at ages 60 to 64 after 10 years of service, or under age 60 after 20 years of service, provided the employee is connected with the industry. Retirement is never compulsory.

Annuities are payable at age 65 to a wife (or dependent husband) of a retired employee and to a wife under age 65 if she has in her care dependent, unmarried children of the employee who are under 18 years of age. In any event, retired employees must be 65 years of age.

Monthly survivor benefits are paid to a qualified widow or dependent widower at age 65 or over; to a widow under 65 if she has in her care dependent, unmarried children of the employee under 18 years of age; to such children themselves; and to dependent parents at age 65 if the employee left no eligible widow, dependent widower, or children. In addition, a lump-sum death benefit is payable when there are no survivors immediately eligible for monthly benefits at the time the employee dies.

A residual payment is payable in certain cases where the total benefits paid is less than the employee's retirement taxes.

The credits of employees who die or retire with less than 10 years of railroad service are transferred to the Social Security Administration, and any benefits which may be due (except a residual payment) are paid by that agency.

Funds for the retirement and survivor system come from a tax on earnings up to \$300 a month under the Railroad Retirement Tax Act. The tax, divided equally

between the employer and employee, is now at the maximum rate of 12½ percent.

Unemployment and sickness benefits (tables 287 and 288).—The Railroad Unemployment Insurance Act provides benefits for unemployment and sickness (including maternity) payable in a benefit year (July 1–June 30) to any employee who earned at least \$150 in covered employment in the “base year” (the calendar year preceding the beginning of the benefit year). Benefits, ranging from \$1.75 to \$5.00 per day, depending upon the employee’s base year earnings, are payable for each day of unemployment or sickness over 7 in the first 14-day registration period, and for each day over 4 in subsequent registration periods, up to a maximum of 130 days in a benefit year for each type of benefit.

The unemployment insurance program is financed entirely by contributions from covered employers, paid directly to the Board. The contribution rate for any year depends upon the balance in the unemployment insurance account and may vary from ½ to 3 percent of payrolls (exclusive of individual earnings in excess of \$300 a month). Since January 1, 1948, the minimum rate has been in effect.

RETIREMENT SYSTEMS FOR FEDERAL GOVERNMENT EMPLOYEES

One contributory retirement system for Federal civilian employees and two non-contributory systems (for special classes of employees) are administered by the Civil Service Commission. In addition, there are separate retirement systems, some contributory and others noncontributory, in operation for the armed forces and special classes of Federal employees.

The Civil Service Retirement Act, as passed in 1920 and amended subsequently, provides for age, optional, disability and discontinued service annuities for employees in the executive, judicial, and legislative branches of the United States Government not subject to another retirement system, except those employees excluded by executive order because the tenure of employment is intermittent or of uncertain duration. It also covers those employees in the municipal government of the District of Columbia not subject to special retirement systems for teachers, firemen, and policemen. The amendment of Feb. 28, 1948, provided annuities for the widows and minor children of deceased employees, and, under certain conditions, to the survivors of deceased annuitants. Approximately 1,767,000 employees were subject to this act as of June 30, 1951. The employee contribution rate, computed on base pay, has been 6 percent since July 1948. The rate had been 5 percent from July 1942–June 1948, 3½ percent from July 1926–June 1942, and 2½ percent from August 1920–June 1926.

The act does not require specific payments from the Government as employer, but implies that the Government will furnish the amounts necessary to finance the fund and to continue the act in full force and effect. Appropriations have been made annually by the Congress to the fund since the fiscal year 1929.

WORKMEN'S COMPENSATION

All States now have programs providing protection against work-connected injuries and deaths. In addition to the State laws, there are Federal workmen’s compensation laws covering employees of the Federal Government, private employees in the District of Columbia, and longshoremen and harbor workers. Most of the 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 general, compensation is based on a proportion of wages; for total disability the proportion is commonly between three-fifths and two-thirds. However, all laws place a maximum amount on the weekly benefit payment—including dependents allowances, the maximum is \$25 or more in most laws, with 11 as high as \$35 or more.

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-third of the laws, there are either duration or cost limitations—or both—on the amount of medical benefits provided.

To ensure that compensation will be paid when due, workmen's compensation laws require that a covered employer obtain insurance or give proof of his qualifications to carry his own risk (self-insurance). In most of the States the employer is permitted to insure with private insurance companies, but in 7 of the 18 States which have State insurance funds, employers are required to insure their risks in the State fund.

Total payments of all types of insurers for compensation and medical benefits, by States and for the years 1941 to 1950, appear in table 289.

PUBLIC ASSISTANCE

Public assistance (tables 290-292) is provided through five major 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 program for aid to the permanently and totally disabled, established under the Social Security Act Amendments of 1950 (Public Law 734) became effective October 1, 1950. Aid to other needy persons is furnished for the most part through general assistance, toward which the Federal Government makes no contribution. In addition, one State aids dependent children, and three aid blind persons, without Federal funds.

To receive a Federal grant for assistance payments and administrative expenses under any of the four programs established by the Social Security Act, a State must have a plan approved as meeting the requirements of the Federal act. Each State establishes the conditions under which needy people may receive assistance and determines how much they shall get. The maximum amount in which the Federal Government will share is \$50 per month for old-age assistance, aid to the blind, and aid to the permanently and totally disabled and, for aid to dependent children, \$27 for one needy adult with whom the child is living (beginning October 1950 under Public Law 734), \$27 for the first child and \$18 for each additional child in a family. The Federal Government pays three-fourths of the first \$20 of the average monthly assistance payment for aged, blind, and permanently and totally disabled recipients and three-fourths of the first \$12 for each eligible person in an aid to dependent children case plus one-half the remainder of matchable expenditures. For all four programs the Federal share of the cost of State administration is one-half the sums expended.

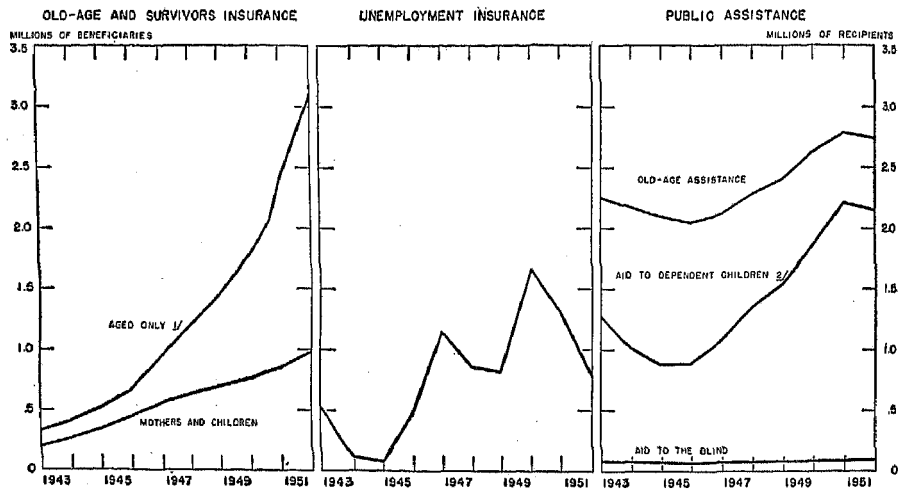
HEALTH AND WELFARE SERVICE

Programs providing health and welfare services are aided through grants to States for maternal and child-health services, services for crippled children, child-welfare services, vocational rehabilitation and public health services, and hospital construction. 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, both units of the Federal Security Agency.

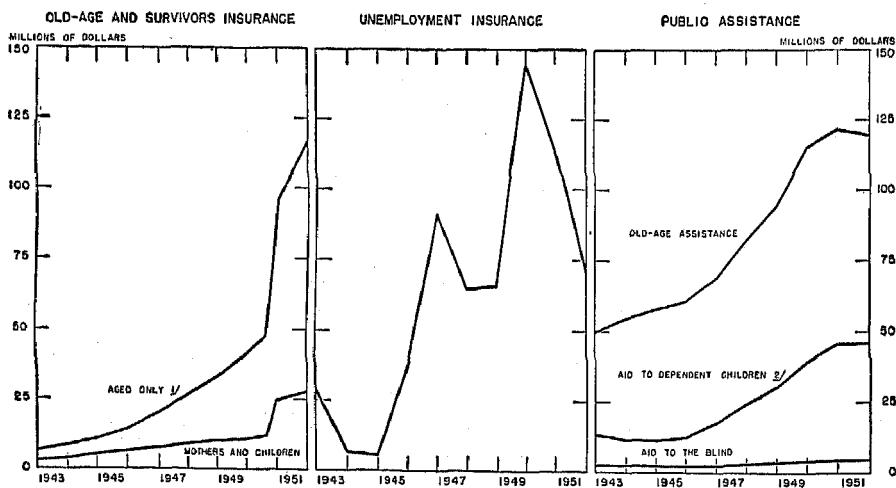
FIG. XI.—SOCIAL SECURITY OPERATIONS: 1943 TO 1951

[Old-age and survivors insurance: Average monthly number and amount of monthly benefits (current payment status). Unemployment insurance: Average weekly number of beneficiaries and average monthly amount of benefits paid under all State laws. Public assistance: Average monthly number of recipients and average monthly amount of payments under all State programs]

INDIVIDUALS RECEIVING PAYMENTS



SOCIAL SECURITY PAYMENTS



¹ Receiving old-age, wife's or husband's, widow's or widower's, or parent's benefit. Beginning September 1950, includes a small proportion of wife beneficiaries under age 65 with child beneficiaries in their care.

² Children plus one adult per family when adults are included in assistance group; before October 1950, partly estimated.

Source: Department of Commerce, Bureau of Census. Data are from Federal Security Agency, Social Security Administration.

No. 264.—EXPENDITURES FOR CIVILIAN SOCIAL SECURITY AND RELATED PUBLIC PROGRAMS, BY SOURCE OF FUNDS AND BY PROGRAM: FISCAL YEARS 1949 AND 1950

[In millions of dollars. Preliminary data corrected to July 10, 1951. Represents expenditures from general and special funds, and trust accounts and other expenditures under public law; excludes transfers to such accounts and loans; includes administrative expenditures unless otherwise indicated. Fiscal years for Federal Government, most States, and some localities ending June 30; fiscal years for other States and localities cover various 12-month periods ending within year]

PROGRAM	1949			1950		
	Total	Federal	State and local	Total	Federal	State and local
Total	11,660.8	6,444.7	5,216.1	13,064.5	6,091.9	6,372.6
Social insurance and related programs	6,247.4	4,195.8	2,051.7	6,945.0	4,153.2	2,791.8
Old-age and survivors insurance.....	600.5	660.5	784.1	784.1	784.1	784.1
Railroad retirement.....	282.5	282.5	304.4	304.4	304.4	304.4
Public employee retirement systems ¹	630.7	354.7	276.0	733.2	433.7	299.5
Employment security ²	1,382.2	184.3	1,198.0	2,081.8	213.6	1,868.2
Railroad unemployment insurance.....	50.5	50.5	119.6	119.6	119.6	119.6
Railroad temporary disability insurance.....	32.0	32.0	31.1	31.1	31.1	31.1
State temporary disability insurance ³	51.7	51.7	69.1	69.1	69.1	69.1
Veterans' program ⁴	2,615.8	2,615.8	2,249.8	2,249.8	2,249.8	2,249.8
Workmen's compensation ⁵	541.5	15.5	526.0	571.9	16.9	555.0
Public aid	2,086.4	939.5	1,146.9	2,488.7	1,095.8	1,392.9
Special types of public assistance ⁷	1,820.2	930.5	880.7	2,125.6	1,095.8	1,029.8
General assistance.....	266.2	266.2	266.2	363.1	363.1	363.1
Health and medical services ⁸	2,575.6	828.0	1,747.6	2,893.9	1,015.8	1,878.1
Hospital and medical care ⁹	1,589.1	603.1	985.0	1,630.9	644.0	986.9
New hospital construction ¹⁰	299.4	94.4	205.0	521.7	219.7	302.0
Community and related health services ¹¹	613.3	74.9	538.4	637.3	68.8	571.5
Maternal and child health care ¹²	30.8	20.5	10.3	28.8	19.1	9.7
Medical rehabilitation ¹³	6.2	3.1	3.1	6.4	3.2	3.2
Medical and public health research ¹⁴	31.3	29.3	2.0	60.6	58.6	2.0
Health manpower training ¹⁵	5.5	2.7	2.8	8.2	5.4	2.8
Other welfare services	751.4	481.4	269.9	736.9	427.1	309.8
Vocational rehabilitation ¹⁶	20.3	15.7	4.5	23.6	17.8	5.8
Veterans' program ¹⁷	304.3	304.3	208.3	208.3	208.3	208.3
Institutional and other care ¹⁸	252.9	22.9	230.0	228.8	23.8	205.0
School lunch program.....	110.1	74.7	35.4	125.4	83.4	42.0
Child welfare.....	3.8	3.8	(20)	3.8	3.8	(20)

¹ Excludes refunds of employee contributions to employees leaving service.

² State unemployment insurance and employment service programs, reconversion unemployment benefit program for seamen, and administrative expenditures of Bureau of Employment Security.

³ Includes benefits paid by private plans under State law in California and New Jersey; excludes hospital benefits (included under hospital and medical care below) payable in California starting January 1950.

⁴ Represents pensions, annuities, burial awards, and readjustment allowances and estimated administrative expenditures; excludes expenditures from Government life insurance fund.

⁵ Includes expenditures for medical services, approximately \$175 million in 1949 and \$185 million in 1950. Includes payments by employers and private insurance carriers of benefits payable under public law.

⁶ Excludes administrative expenditures.

⁷ Old-age assistance, aid to blind, and aid to dependent children.

⁸ Excludes all medical expenditures (both health services and research) of Military Establishment and Atomic Energy Commission; health services provided in connection with primary and secondary public education; medical services included under public aid programs above; medical care included under workmen's compensation above; international health activities; professional training of nurses, physicians, etc.; and expenditures for medical services and research subordinate to performance of other functions.

⁹ Includes hospital and outpatient care in public institutions and maintenance and improvement of existing facilities. Excludes expenditures included under institutional and other care below.

¹⁰ Federal includes cost of hospital planning and surveys; State and local, new construction only.

¹¹ Includes expenditures of U. S. Public Health Service (except for international activities, National Institutes of Health, medical and hospital care and hospital construction, professional education and training) and Food and Drug Administration; State and local includes all community health and sanitation expenditures by public agencies except those in connection with schools and public welfare and those classified elsewhere as health and medical services.

¹² Federal includes programs for crippled children, and emergency maternity and infant care; State and local expenditures represent required matching of Federal grants for maternal and child health and crippled children.

¹³ Medical care and service expenditures under Vocational Rehabilitation Act.

¹⁴ Represents all expenditures (except for education and training) of National Institutes of Health, U. S. Public Health Service, and estimated amounts appropriated by State and local governments for medical research.

¹⁵ Represents in-service training of Children's Bureau and of National Institutes of Health and other units of U. S. Public Health Service. Excludes professional training of nurses, physicians, etc., and expenditures in State-supported medical schools.

¹⁶ Expenditures under Vocational Rehabilitation Act other than for medical services.

¹⁷ Veterans' Administration programs for vocational rehabilitation, automobiles and other conveyances for disabled veterans, and housing for paraplegic veterans.

¹⁸ Federal expenditures are for Columbia Institute for the Deaf, U. S. Soldiers' Home, and U. S. Naval Home, and for domiciliary care of veterans; State and local expenditures in institutions for chronic care, for handicapped and aged.

¹⁹ Funds are also available from private organizations and payments from parents; in 1949 these nongovernmental funds amounted to \$182 million, and in 1950, \$209 million.

²⁰ Excludes estimated \$40-\$50 million for care of children in foster homes.

Source: Federal Security Agency, Social Security Administration; *Social Security Bulletin*.

No. 265.—SELECTED SOCIAL INSURANCE AND RELATED PROGRAMS—ESTIMATED PAY ROLLS IN COVERED EMPLOYMENT IN RELATION TO CIVILIAN WAGES AND SALARIES: 1945 TO 1950

[Amounts in millions of dollars. Data for calendar years, corrected to July 20, 1951]

PROGRAM	1945	1946	1947	1948	1949	1950
AMOUNT						
Total earnings ¹	149,063	148,156	153,669	174,484	167,022	181,780
All wages and salaries ²	117,676	111,256	122,042	134,327	133,477	145,844
Civilian	95,078	103,294	117,974	130,357	129,229	140,743
Pay rolls covered by retirement programs	85,439	93,604	107,444	118,442	117,811	128,798
Old-age and survivors insurance ³	71,317	79,003	92,088	101,892	99,045	100,600
Railroad retirement ⁴	4,514	4,866	5,107	5,531	5,119	5,320
Federal civil-service retirement ⁴	5,840	5,195	4,809	4,499	5,707	6,063
State and local government ⁵	3,768	4,540	5,440	6,550	7,340	7,910
Pay rolls covered by unemployment insurance programs	70,925	78,011	91,341	101,262	98,639	105,155
State unemployment insurance ³	66,411	73,145	86,234	95,731	93,520	99,835
Railroad unemployment insurance ⁴	4,514	4,866	5,107	5,531	5,119	5,320
Pay rolls covered by workmen's compensation programs ⁶	74,000	79,500	91,500	101,500	100,000	109,500
PERCENT						
Civilian wages and salaries ²	100.0	100.0	100.0	100.0	100.0	100.0
Pay rolls covered by retirement programs	89.9	90.6	91.1	90.9	91.2	91.5
Old-age and survivors insurance ³	75.0	76.5	78.1	78.2	77.1	77.8
Railroad retirement ⁴	4.7	4.7	4.3	4.2	4.0	3.8
Federal civil-service retirement ⁴	0.1	5.0	4.1	3.4	4.4	4.3
State and local government ⁵	4.0	4.4	4.6	5.0	5.7	6.6
Pay rolls covered by unemployment insurance programs	74.6	75.5	77.4	77.4	76.3	74.7
State unemployment insurance ³	69.8	70.8	73.1	73.4	72.4	70.9
Railroad unemployment insurance ⁴	4.7	4.7	4.3	4.2	4.0	3.8
Pay rolls covered by workmen's compensation programs ⁶	77.8	77.0	77.6	77.9	77.3	77.8

¹ Subject to revision.

² Data from Dept. of Commerce, Off. Bus. Econ. Total earnings include earnings of self-employed; all wages and salaries represent civilian wages and salaries in cash and in kind in continental U. S., and pay of Federal civilian and military personnel in all areas. Includes employee contributions under contributory systems.

³ Continental United States only.

⁴ Includes Alaska and Hawaii.

⁵ Pay rolls of employers insuring with private carriers, State funds, or self-insured, and Federal programs; excludes railroads.

Source: Federal Security Agency, Social Security Administration, Division of Research and Statistics. Data appear periodically in *Social Security Bulletin*.

No. 266.—FEDERAL GRANTS TO STATE AND LOCAL GOVERNMENTS, BY PURPOSE: FISCAL YEARS 1935 TO 1950

[In thousands except per capita. On basis of checks issued. For original sources of data, see source publication]

YEAR ENDING JUNE 30—	TOTAL		SOCIAL SECURITY AND RELATED PURPOSES					Educa- tion ⁶	All other
	Amount	Per capita ¹	Total amount	Assist- ance pay- ments and adminis- tration ²	Empley- ment security adminis- tration	Health serv- ices ³	Other welfare serv- ices ⁴		
1935	\$2,196,577	\$17.09	\$2,773		\$1,257		\$1,516	\$12,722	\$2,181,082
1939	1,029,557	7.79	328,403	\$246,898	62,858	\$14,754	3,893	25,411	675,743
1940	965,239	7.24	350,195	271,135	61,639	21,873	4,558	25,137	581,001
1941	858,591	6.39	426,988	330,408	65,632	25,870	5,078	25,620	405,084
1942	827,478	6.10	483,200	374,568	74,034	29,057	5,541	25,811	318,407
1943	850,905	6.24	468,323	395,623	36,480	30,396	5,824	26,158	350,514
1944	896,926	6.56	509,010	404,942	36,229	60,223	8,616	25,044	302,272
1945	864,905	6.38	632,319	410,364	38,730	78,555	9,070	25,131	307,454
1946	840,098	6.22	578,209	439,132	54,547	71,169	13,361	25,341	230,549
1947	1,187,478	8.32	874,974	613,831	99,252	63,134	98,757	31,145	281,359
1948	1,452,644	9.94	999,236	718,359	133,610	55,309	91,958	35,813	417,694
1949	1,814,751	12.19	1,233,700	927,897	140,314	66,646	98,843	36,951	544,100
1950	2,181,775	14.41	1,668,366	1,123,418	207,617	119,158	113,103	38,501	679,019

¹ Based on Census Bureau estimates of total population, excluding armed forces overseas, as of July 1; data for 1950 for the Territories and possessions based on 1950 Census.

² Old-age assistance, aid to dependent children, and aid to blind.

³ Maternal and child health services, services for crippled children, and public health services; venereal disease control, beginning 1939; emergency maternity and infant care, from 1943 to 1949; tuberculosis control, beginning 1945; cancer control, mental health, and hospital survey and construction, beginning 1948; heart disease control and water pollution control, beginning 1950.

⁴ Vocational rehabilitation and State and Territorial homes for disabled soldiers and sailors; child welfare services, beginning 1939; community war service day care in 1943; and national school lunch program, beginning 1947.

⁵ Colleges of agricultural and mechanic arts, vocational education, education of the blind, and State and municipal marine schools; emergency Office of Education grants from 1939 to 1941; and maintenance and operation of schools in certain areas, beginning 1947.

Source: Federal Security Agency, Social Security Administration; *Social Security Bulletin*.

**No. 267.—FEDERAL GRANTS TO STATE AND LOCAL GOVERNMENTS, BY PURPOSE—
BY STATES AND TERRITORIES: FISCAL YEAR 1950**

[In thousands of dollars, except per capita. See headnote and footnotes, table 206]

STATE AND OTHER AREA	TOTAL		SOCIAL SECURITY AND RELATED PURPOSES						Education	All others
	Amount	Per capita ¹	Total	Assistance payments and administration	Employment security administration	Health services	Other welfare services			
Total.....	2,181,775	\$14.41	1,563,356	1,123,418	207,617	119,158	113,163	38,501	2,579,919	
Alabama.....	42,721	14.22	30,856	20,316	3,394	3,350	3,706	1,219	10,646	
Arizona.....	15,728	21.66	9,102	6,386	1,516	505	604	336	6,290	
Arkansas.....	36,109	19.68	26,193	18,757	1,847	2,855	2,733	339	9,077	
California.....	187,349	17.84	160,351	127,008	22,088	3,850	5,005	1,277	25,721	
Colorado.....	34,913	27.95	24,503	20,954	1,556	1,164	829	305	10,105	
Connecticut.....	20,577	10.26	14,680	8,635	3,751	886	1,408	393	5,504	
Delaware.....	4,714	14.78	1,949	789	488	363	318	228	2,537	
District of Columbia.....	2,776	8.08	4,315	1,005	1,358	743	219	91	2,370	
Florida.....	48,589	18.14	41,658	32,079	2,909	3,152	2,528	476	6,455	
Georgia.....	57,703	17.17	38,140	25,418	2,909	5,424	4,329	2,481	17,081	
Idaho.....	12,172	21.28	7,239	4,826	1,005	909	499	357	4,576	
Illinois.....	99,621	11.55	76,577	50,464	10,617	4,579	4,916	1,510	21,534	
Indiana.....	41,370	10.62	29,288	19,725	3,625	3,290	2,648	814	11,274	
Iowa.....	42,165	16.53	24,124	18,412	1,687	2,042	1,084	975	17,367	
Kansas.....	37,368	20.06	20,940	16,003	1,556	2,063	1,324	643	15,780	
Kentucky.....	39,847	13.92	26,366	17,622	2,293	3,395	3,056	846	12,636	
Louisiana.....	77,723	29.62	64,814	55,222	2,967	3,094	3,530	682	12,227	
Maine.....	14,175	15.08	9,097	6,607	1,256	626	608	304	4,774	
Maryland.....	21,930	9.38	12,724	6,415	3,733	1,422	1,154	406	8,800	
Massachusetts.....	64,654	13.55	53,703	39,459	9,419	2,638	2,188	714	10,237	
Michigan.....	85,924	13.70	62,529	43,405	10,498	4,117	4,449	1,420	21,076	
Minnesota.....	44,442	15.24	29,366	21,710	3,110	2,421	2,125	700	14,377	
Mississippi.....	33,192	15.99	22,266	13,161	2,191	3,086	2,029	923	10,003	
Missouri.....	81,095	20.70	65,344	57,081	3,371	2,082	2,810	934	14,818	
Montana.....	15,966	28.39	7,075	5,223	922	414	516	246	8,636	
Nebraska.....	21,552	16.79	12,572	9,513	1,015	1,166	878	429	8,551	
Nevada.....	7,069	44.46	1,981	1,036	636	202	106	176	4,913	
New Hampshire.....	7,405	14.16	5,304	3,035	889	943	387	221	1,870	
New Jersey.....	35,078	7.33	22,345	9,671	8,638	1,963	2,073	678	12,055	
New Mexico.....	15,698	24.84	8,219	5,511	974	1,165	569	247	7,232	
New York.....	149,946	10.17	107,682	68,297	27,826	5,485	6,074	2,133	40,131	
North Carolina.....	47,206	11.97	33,459	19,426	3,841	5,420	4,772	1,041	12,706	
North Dakota.....	13,184	22.61	5,333	3,699	610	636	419	270	7,571	
Ohio.....	91,066	11.39	70,154	51,318	10,567	3,960	4,309	1,484	19,428	
Oklahoma.....	67,321	31.08	52,675	45,181	2,243	2,700	2,550	968	13,678	
Oregon.....	24,338	16.30	14,419	9,591	2,655	1,044	1,129	400	9,510	
Pennsylvania.....	104,580	10.05	78,186	51,152	16,362	5,971	4,702	1,768	24,626	
Rhode Island.....	10,031	12.68	7,809	4,917	1,941	507	443	269	1,954	
South Carolina.....	28,774	14.36	19,914	11,357	2,260	3,318	2,979	800	8,051	
South Dakota.....	14,557	23.56	6,158	4,642	499	676	441	273	8,126	
Tennessee.....	53,915	16.50	39,378	27,935	3,628	4,121	3,694	1,125	13,412	
Texas.....	126,990	16.55	88,275	68,758	7,132	6,350	6,036	2,122	36,593	
Utah.....	12,957	19.14	7,601	4,792	1,183	917	709	251	5,106	
Vermont.....	6,940	18.93	4,326	2,485	653	810	377	228	2,392	
Virginia.....	26,039	8.17	16,072	6,881	2,031	3,393	2,767	904	10,964	
Washington.....	47,174	10.88	36,359	28,717	4,386	1,892	1,865	1,483	9,332	
West Virginia.....	26,679	13.77	18,482	12,992	1,932	1,800	2,258	585	7,612	
Wisconsin.....	44,159	13.28	29,352	21,726	3,026	2,415	2,184	767	14,040	
Wyoming.....	9,009	32.64	3,070	1,703	564	422	292	236	5,703	
Alaska.....	3,047	23.69	2,718	938	560	1,185	35	106	224	
Hawaii.....	9,136	18.28	4,187	2,501	583	640	463	240	4,709	
Puerto Rico.....	9,718	4.40	4,861	167	167	1,631	3,163	461	4,397	
Virgin Islands.....	368	13.82	263	-----	-----	177	86	-----	106	

¹ Based on Census Bureau estimates of total population, excluding armed forces overseas, as of July 1; for Territories and possessions, based on 1950 Census.

² Includes 110 grants undistributed.

³ Excludes annual lump-sum payment by Federal Government to defray part of local expenses for use of District as seat of government.

Source: Federal Security Agency, Social Security Administration; *Social Security Bulletin*.

No. 268.—SOCIAL INSURANCE AND RELATED PROGRAMS—BENEFICIARIES AND BENEFITS BY RISK AND PROGRAM: 1940 TO 1950

[Corrected to Sept. 7, 1951. Partly estimated. Data for State and local government, Federal civil-service, and other contributory retirement systems, exclude refunds of employee contributions]

RISK AND PROGRAM	BENEFICIARIES (thousands) ¹				AMOUNT OF BENEFITS (millions of dollars)			
	1940	1945	1949	1950	1940	1945	1949	1950
Total	2,462.4	3,954.9	9,012.3	8,826.9	1,545.4	2,621.0	6,578.9	6,356.2
Old-age retirement.....	401.6	1,036.1	2,203.3	2,524.4	330.3	602.3	1,243.3	1,432.4
Old-age and survivors insurance ²	77.2	591.8	1,574.6	1,918.1	21.1	157.4	454.5	718.5
Railroad retirement.....	102.0	129.1	104.3	174.8	83.3	106.2	168.9	176.9
Federal retirement.....	80.2	101.1	207.0	165.0	103.1	141.0	355.2	259.4
Civil-service.....	47.4	62.5	101.5	111.0	49.1	64.8	123.7	135.3
Other contributory ³.....	.6	1.0	1.7	1.9	.7	1.3	2.3	2.0
Noncontributory ⁴	32.2	37.6	103.8	52.1	53.3	74.0	229.2	121.2
State and local government retirement ⁵	113.0	155.0	209.0	213.0	103.0	143.0	203.0	220.0
Veterans' program ⁶	29.2	59.1	57.4	53.5	19.8	54.7	61.7	57.6
Survivorship:								
Monthly benefits.....	386.9	1,112.3	2,124.3	2,280.2	162.9	422.4	799.3	924.5
Old-age and survivors insurance.....	35.7	533.5	983.9	1,093.9	7.8	104.2	201.4	296.7
Railroad retirement.....	3.0	4.4	121.8	136.3	1.4	1.8	39.3	43.9
Federal civil-service.....		.3	9.4	18.3		.1	4.3	8.4
State and local government retirement ⁵	25.0	32.0	38.0	40.0	16.0	20.0	25.0	26.0
Veterans' program.....	323.2	542.1	971.2	991.7	105.7	254.2	477.4	491.6
Workmen's compensation.....	(⁷)	(⁷)	(⁷)	(⁷)	⁸ 32.0	⁸ 42.0	⁸ 52.0	⁸ 55.0
Lump-sum payments.....	(⁷)	(⁷)	(⁷)	(⁷)	36.7	65.3	83.3	86.7
Old-age and survivors insurance.....	(⁷)	(⁷)	(⁷)	(⁷)	11.7	26.1	33.2	32.7
Railroad retirement.....	(⁷)	(⁷)	(⁷)	(⁷)	2.5	8.1	11.5	12.7
Federal retirement.....	(⁷)	(⁷)	(⁷)	(⁷)	6.0	10.5	8.2	8.6
Civil-service.....	(⁷)	(⁷)	(⁷)	(⁷)	5.8	10.2	7.9	8.1
Other contributory.....	(⁷)	(⁷)	(⁷)	(⁷)	.2	.2	.4	.4
State and local government retirement.....	(⁷)	(⁷)	(⁷)	(⁷)	⁸ 12.5	⁸ 15.5	⁸ 18.0	⁸ 20.0
Veterans' program.....	(⁷)	(⁷)	(⁷)	(⁷)	⁸ 4.0	⁸ 5.0	⁸ 12.4	⁸ 12.7
Workmen's compensation.....	(⁷)	(⁷)	(⁷)	(⁷)	(⁸)	(⁸)	(⁸)	(⁸)
Disability.....	650.0	1,237.2	2,460.3	2,588.4	480.9	956.1	2,181.9	2,444.7
Workmen's compensation.....	(⁷)	(⁷)	(⁷)	(⁷)	⁸ 129.0	⁸ 244.0	⁸ 333.0	⁸ 350.0
Veterans' program.....	580.9	1,148.1	2,260.0	2,301.8	208.1	643.1	1,630.5	1,674.6
Railroad retirement.....	30.3	39.0	70.0	76.0	30.8	30.9	72.0	77.3
Federal civil-service.....	15.5	23.7	39.7	43.0	13.0	18.0	35.3	40.5
Federal noncontributory ⁴				74.0				170.3
State and local government retirement ⁵	14.3	21.0	29.0	32.0	10.0	14.5	22.0	24.0
State temporary disability insurance ⁹		5.4	28.0	30.4		4.7	59.1	70.9
Railroad temporary disability insurance ¹⁰			33.6	31.2			30.1	28.1
Unemployment.....	1,023.9	557.2	2,184.0	1,432.4	534.7	563.2	2,227.5	1,466.2
State unemployment insurance ¹¹	982.4	465.0	1,076.1	1,323.5	518.7	445.9	1,737.3	1,373.4
Railroad unemployment insurance ¹⁰	41.5	3.3	120.4	76.8	16.0	2.4	103.6	50.8
Veterans' unemployment allowances ¹²		88.9	387.5	32.1		115.0	386.6	33.0
Self-employment allowances to veterans ¹²		12.1	40.4	1.5		11.7	43.6	1.7

¹ Average monthly number, except as otherwise noted.

² Includes benefits paid to aged wives, to aged dependent husbands (first payable September 1950), and to dependent minor children of living beneficiaries.

³ Includes a small but unknown number and amount of disability and survivor beneficiaries and benefits.

⁴ Old age retirement data include small amount of survivor payments and, for years prior to 1950, significant amount of disability payments now shown separately.

⁵ Benefits for fiscal year (usually ending June 30); beneficiaries for last month of fiscal year. Data for 1949 and 1950, preliminary.

⁶ Under Veterans' Administration. Retirement data only for veterans of Spanish-American War, Boxer Rebellion, and Philippine Insurrection. Disability data include pensions and compensation, and subsistence payments to disabled veterans undergoing training. Lump-sum payments are for burial of deceased veterans.

⁷ Not available.

⁸ A small but unknown amount of lump-sum death payments included with monthly survivor payments. Disability benefits exclude payments for medical care. Data for 1949 and 1950, preliminary.

⁹ Benefits payable in Rhode Island beginning April 1943, in California beginning December 1946, and in New Jersey beginning January 1949. Excludes New York, first payable July 1950; data not available. Includes private-plan benefits in California and New Jersey and private-plan beneficiaries in California. Maternity data included for Rhode Island; hospitalization benefits excluded for California. Number represents average weekly number of beneficiaries.

¹⁰ Number represents average number of beneficiaries during 14-day registration period. Temporary disability benefits first payable July 1947; includes maternity data.

¹¹ Average weekly number.

¹² Beginning September 1944 for unemployment allowances (beneficiaries represent average weekly number) and beginning November 1944 for self-employment allowances (beneficiaries, average monthly number).

Source: Federal Security Agency, Social Security Administration; *Social Security Bulletin*.

No. 269.—OLD-AGE AND SURVIVORS INSURANCE—EMPLOYEE ACCOUNTS ESTABLISHED, WORKERS WITH WAGE CREDITS, AND AMOUNT OF TAXABLE WAGES; ALL WORKERS EMPLOYED IN COVERED INDUSTRIES AND AMOUNT OF TOTAL WAGES: 1939 TO 1951

[Data corrected to Jan. 15, 1952]

CALENDAR YEAR OR QUARTER	Employee accounts established (thou- sands) ¹	Workers with wage credits dur- ing period (thou- sands) ²	TAXABLE WAGES ³		All workers employed in covered in- dustries dur- ing period (thousands) ⁴	TOTAL WAGES IN COVERED INDUSTRIES ⁵	
			Total (mil- lions)	Average per worker		Total (mil- lions)	Average per worker
1939-----	5,555	33,751	\$29,745	\$881	33,751	\$32,222	\$955
1940-----	5,227	35,393	32,974	932	35,393	35,068	1,008
1941-----	6,078	40,976	41,848	1,021	40,976	45,403	1,110
1942-----	7,038	46,393	52,939	1,142	46,393	58,219	1,255
1943-----	7,428	47,636	62,423	1,310	47,636	69,053	1,462
1944-----	4,537	46,296	64,426	1,392	46,296	73,349	1,584
1945-----	3,321	46,392	62,945	1,357	46,392	71,560	1,543
1946-----	3,022	48,845	69,088	1,414	48,845	79,260	1,623
1947-----	2,723	48,908	78,372	1,602	48,908	92,440	1,890
1948-----	2,720	49,100	84,122	1,713	49,100	102,255	2,083
1949 ⁶ -----	2,340	47,200	81,808	1,733	47,200	90,589	2,118
1950 ⁶ -----	2,891	48,400	87,690	1,812	48,400	110,017	2,273
1950 ⁶							
January-March-----	418	38,000	23,490	618	38,000	24,317	640
April-June-----	778	39,700	24,200	610	40,900	26,400	660
July-September-----	897	41,000	22,500	549	42,300	28,300	669
October-December-----	798	36,400	17,500	481	41,500	31,000	747
1951 ⁶							
January-March-----	1,302	45,000	30,500	678	45,000	31,000	689
April-June-----	1,399	46,000	31,000	674	46,200	32,000	693

¹ Exclude numbers under railroad-retirement program.

² Partly estimated; adjusted for workers having more than 1 account. Quarterly data unadjusted for workers employed during quarter but not reported after quarter in which they received their first \$3,000 in year prior to 1951, and \$3,000 in year after 1950.

³ Unadjusted for nontaxable wages erroneously reported and wages excluded in benefit computations. Wages in excess of \$3,000 a year prior to 1951 and \$3,000 a year after 1950 paid to worker by any 1 employer are not taxable. From 1940-50, all wages in excess of \$3,000 a year and after 1950 all wages in excess of \$3,000 received by a worker are excluded in benefit computations.

⁴ Partly estimated; adjusted for workers having more than 1 account. Quarterly data adjusted for workers employed during quarter but not reported after quarter in which they received their first \$3,000 in year prior to 1951 and their first \$3,000 in year after 1950.

⁵ Includes all wages in covered industries of workers earning over \$3,000 a year prior to 1951 and \$3,000 a year after 1950.

⁶ Preliminary estimate, except employee accounts established.

⁷ Excludes newly-covered self-employed persons.

Source: Federal Security Agency, Social Security Administration, Bureau of Old-Age and Survivors Insurance. Data appear periodically in *Social Security Bulletin*.

No. 270.—OLD-AGE AND SURVIVORS INSURANCE—AMOUNT OF PAYMENTS CERTIFIED: 1943 TO 1951

[In thousands of dollars. Data corrected to January 16, 1952]

TYPE	1943	1944	1945	1946	1947	1948	1949	1950	1951
Total payments-----	172,849	218,097	287,757	387,691	482,457	575,938	689,010	1,050,885	1,941,868
Payments under 1939, 1940, and 1950, amendments:									
Monthly benefits, total ¹ -----	155,019	195,951	261,622	300,424	452,939	543,623	655,852	1,018,144	1,834,531
Old-age-----	82,779	101,285	133,788	196,078	255,202	312,534	387,765	614,757	(?)
Wife's or husband's-----	13,216	16,454	21,935	32,011	41,523	50,595	62,331	96,801	(?)
Child's or widower's-----	31,939	41,928	56,077	60,410	81,591	91,938	101,868	154,898	(?)
Widow's or widower's-----	9,721	14,517	20,833	28,642	37,677	48,907	61,446	95,186	(?)
Mother's-----	16,759	21,017	28,005	32,119	35,315	37,697	40,223	52,639	(?)
Parent's-----	605	751	954	1,155	1,032	1,952	2,220	3,864	(?)
Lump-sum-----	17,798	22,124	26,115	27,251	29,511	32,315	33,158	32,740	57,337
Lump-sum payments under 1935 act ² -----	32	22	19	16	6	(?)	(?)	(?)	(?)

¹ Distribution by type estimated. Effective Sept. 1, 1950; (1) husband's and widower's insurance benefits became payable; (2) terms "primary" and "widow's current" insurance benefit were changed to "old-age" and "mother's" insurance benefit, respectively.

² Data not yet available. ³ Payable with respect to workers who died prior to January 1940. ⁴ Less than \$500.

Source: Federal Security Agency, Social Security Administration, Bureau of Old-Age and Survivors Insurance.

No. 271.—OLD-AGE AND SURVIVORS INSURANCE—NUMBER AND AMOUNT OF MONTHLY BENEFITS, BY TYPE: 1944 to 1951

[Amounts in thousands. See text, p. 213, for changes in benefits under the Social Security Act Amendments of 1950. Data corrected to Feb. 5, 1952]

YEAR	Total	Old-age	Wife's or hus- band's	Child's	Widow's or wid- ower's	Mother's	Parent's
CURRENT-PAYMENT STATUS, END OF YEAR ¹							
Number:							
1944.....	954,881	378,471	115,636	298,108	67,806	80,927	4,033
1945.....	1,288,107	518,234	159,168	390,134	93,781	120,581	6,209
1946.....	1,642,290	701,705	215,084	461,756	127,046	128,410	7,398
1947.....	1,978,245	874,724	269,174	524,783	164,300	135,229	10,026
1948.....	2,314,557	1,047,985	320,628	581,265	210,253	142,223	11,003
1949.....	2,742,808	1,285,893	390,583	639,437	261,336	162,121	13,438
1950.....	3,477,243	1,770,984	508,356	699,703	314,180	160,438	14,570
1951.....	4,378,985	2,278,470	646,890	846,247	384,265	203,782	19,331
Amount:							
1944.....	\$17,344	\$8,980	\$1,460	\$3,691	\$1,367	\$1,781	\$65
1945.....	23,801	12,538	2,040	4,858	1,803	2,391	81
1946.....	31,081	17,230	2,805	5,804	2,568	2,677	97
1947.....	38,277	21,779	3,545	6,702	3,352	2,764	135
1948.....	45,872	26,564	4,307	7,549	4,331	2,950	182
1949.....	59,074	33,427	5,376	8,427	5,442	3,207	185
1950.....	126,857	77,678	11,995	19,366	11,481	5,801	595
1951.....	164,791	96,008	14,710	22,739	13,849	6,776	700
AWARDS DURING YEAR							
Number:							
1944.....	318,949	110,097	40,349	99,676	24,759	42,649	1,419
1945.....	402,463	185,174	63,068	127,514	29,844	55,108	1,755
1946.....	547,150	258,980	88,515	114,875	38,823	44,190	1,797
1947.....	572,969	271,488	94,189	115,764	45,249	42,807	3,422
1948.....	596,201	275,903	98,554	118,955	55,667	44,276	2,849
1949.....	682,241	337,273	117,356	118,922	62,928	43,087	2,675
1950.....	962,028	567,131	162,768	122,641	66,735	41,101	2,252
1951.....	1,336,431	702,990	228,876	230,502	89,582	78,332	6,149
Amount:							
1944.....	\$5,852	\$2,709	\$518	\$1,258	\$498	\$852	\$19
1945.....	8,305	4,650	822	1,614	602	1,094	23
1946.....	10,972	6,584	1,172	1,493	785	914	24
1947.....	11,881	7,114	1,282	1,570	939	928	48
1948.....	12,748	7,489	1,392	1,667	1,171	989	41
1949.....	15,343	9,575	1,726	1,688	1,346	969	39
1950.....	26,235	18,079	2,896	2,223	1,842	1,142	52
1951.....	42,282	26,388	4,701	5,322	3,125	2,524	221
ENTITLEMENTS TERMINATED DURING YEAR ²							
Number:							
1944.....	87,770	28,957	14,263	26,433	2,692	15,110	406
1945.....	109,353	34,740	17,259	33,578	3,464	10,334	478
1946.....	148,474	47,709	24,027	41,532	4,986	20,638	582
1947.....	181,718	60,244	30,572	51,128	7,404	31,595	775
1948.....	216,664	75,079	38,413	60,522	8,999	32,701	950
1949.....	240,051	87,115	44,331	63,983	11,473	32,007	1,142
1950.....	266,615	98,280	51,200	69,062	13,642	33,313	1,118
1951.....	354,958	142,028	73,787	82,622	18,031	37,104	1,386
Amount:							
1944.....	\$1,550	\$687	\$176	\$333	\$51	\$297	\$5
1945.....	1,856	760	204	425	68	392	6
1946.....	2,584	1,078	293	522	98	585	8
1947.....	3,203	1,395	380	641	145	632	10
1948.....	3,923	1,781	488	785	178	677	13
1949.....	4,431	2,098	570	842	228	677	16
1950.....	6,344	3,162	853	1,153	339	825	23
1951.....	11,000	6,150	1,030	2,109	625	1,243	51

¹ Benefit is subject to no deduction or only to deduction of fixed amount which is less than current month's benefit.

² Including both old and new benefit rates.

³ Including net adjustments for 1944-49. Benefit is terminated when a beneficiary dies or loses entitlement to a benefit for some other reason. Adjustments result from operation of maximum and minimum provisions, recomputations, and from other administrative actions. Terminations only are shown for 1950-51.

Source: Federal Security Agency, Social Security Administration, Bureau of Old-Age and Survivors Insurance. Data appear periodically in *Social Security Bulletin*.

NO. 272.—OLD-AGE AND SURVIVORS INSURANCE—ESTIMATED NUMBER OF EMPLOYERS REPORTING TAXABLE WAGES, THEIR PAY-PERIOD EMPLOYMENT AND AMOUNT OF TAXABLE WAGES, BY SIZE OF FIRM: JANUARY-MARCH 1945 TO 1949

[Data corrected to Nov. 6, 1951]

PERIOD JAN.-MAR.	Total	SIZE OF FIRM (NUMBER OF EMPLOYEES) ¹									
		0	1-3	4-7	8-19	20-49	50-99	100-499	500-999	1,000-9,999	10,000 or more
EMPLOYERS (THOUSANDS) ²											
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
1946-----	2,280.0	29.2	1,288.0	482.1	293.3	115.9	38.1	27.7	3.1	2.5	.2
1947-----	2,486.7	40.4	1,415.7	519.6	314.8	121.6	39.6	28.9	3.3	2.8	.2
1948-----	2,590.0	42.4	1,488.5	537.2	325.0	122.3	39.3	29.0	3.3	2.7	.2
1949-----	2,639.3	50.0	1,544.8	535.4	317.1	120.0	38.4	27.7	3.1	2.6	.2
PAY PERIOD EMPLOYMENT (THOUSANDS) ³											
1945-----	32,803	0	1,940	2,078	2,759	3,018	2,322	5,269	2,233	6,554	6,023
1946-----	32,483	0	2,194	2,507	3,496	3,483	2,611	5,581	2,157	6,183	4,270
1947-----	35,057	0	2,382	2,650	3,704	3,599	2,670	5,782	2,269	6,794	5,201
1948-----	35,805	0	2,497	2,739	3,832	3,662	2,690	5,779	2,281	6,812	5,513
1949-----	34,689	0	2,607	2,768	3,705	3,577	2,611	5,437	2,098	6,485	5,411
TAXABLE WAGES (MILLIONS) ⁴											
1945-----	\$17,938	\$23	\$302	\$793	\$1,148	\$1,408	\$1,165	\$2,740	\$1,242	\$4,043	\$4,715
1946-----	16,840	18	779	1,010	1,614	1,800	1,386	2,992	1,190	3,570	2,483
1947-----	20,805	28	950	1,193	1,917	2,086	1,595	3,542	1,437	4,534	3,523
1948-----	23,080	35	1,059	1,310	2,112	2,289	1,728	3,847	1,587	4,975	4,138
1949-----	23,376	42	1,121	1,366	2,204	2,360	1,769	3,754	1,523	4,940	4,297

¹ Measured by employer's pay period employment.

² An employer is a legal entity, such as corporation, partnership, or single ownership, for which a single tax return is filed.

³ Total number of workers employed during pay period ending nearest to Mar. 15.

⁴ Wages paid by employers for covered employment during period, excluding wages over \$3,000 paid by any one employer to any worker in a calendar year.

Source: Federal Security Agency, Social Security Administration, Bureau of Old-Age and Survivors Insurance.

No. 273.—OLD-AGE AND SURVIVORS INSURANCE—WAGES AND PERCENTAGE DISTRIBUTION OF WORKERS, BY SPECIFIED CHARACTERISTIC: 1947, 1948, and 1949

[Data are estimated; corrected to January 15, 1952]

CHARACTERISTIC	1947	1948	1949 ¹	CHARACTERISTIC	1947	1948	1949 ¹
MEDIAN WAGES				PERCENTAGE DISTRIBUTION OF WORKERS—continued			
All workers ²	\$1,570	\$1,772	\$1,850	Age group ³	100.0	100.0	100.0
Male.....	2,084	2,337	2,400	Under 20.....	10.8	10.5	9.2
Female.....	907	1,013	1,050	20-24.....	15.7	15.4	14.7
4-quarter workers ³	2,332	2,547	2,600	25-29.....	13.9	13.7	14.0
Male.....	2,723	2,864	3,000	30-34.....	12.2	12.4	12.4
Female.....	1,606	3,000	1,800	35-39.....	11.1	11.1	11.6
1 to 3-quarter workers ⁴	335	353	350	40-44.....	9.7	9.9	10.3
Male.....	400	427	400	45-49.....	8.1	8.1	8.0
Female.....	263	278	300	50-54.....	6.6	6.7	6.8
PERCENTAGE DISTRIBUTION OF WORKERS				55-59.....	5.3	5.2	5.4
All workers ²	100.0	100.0	100.0	60-64.....	3.7	3.8	3.9
Male.....	66.9	67.3	67.4	65 and over.....	3.1	3.1	3.2
Female.....	33.1	32.7	32.6	Amount of wage credits.....	100.0	100.0	100.0
4-quarter workers ³	64.0	65.9	67.2	\$1-\$199.....	13.0	12.4	12.1
Male.....	46.0	47.6	48.5	\$200-\$399.....	7.8	7.2	7.0
Female.....	18.0	18.3	18.6	\$400-\$599.....	6.1	5.6	5.5
1 to 3-quarter workers ⁴	36.0	34.1	32.8	\$600-\$799.....	5.1	4.7	4.6
Male.....	21.0	19.7	18.9	\$800-\$999.....	4.5	4.2	4.0
Female.....	15.1	14.3	14.0	\$1,000-\$1,199.....	4.4	4.0	3.9
				\$1,200-\$1,399.....	4.0	4.1	3.0
				\$1,400-\$1,599.....	4.7	4.2	4.1
				\$1,600-\$1,799.....	4.7	4.2	4.1
				\$1,800-\$1,999.....	4.7	4.4	4.2
				\$2,000-\$2,199.....	4.6	4.4	4.6
				\$2,200-\$2,399.....	4.3	4.2	4.4
				\$2,400-\$2,599.....	4.0	4.1	4.2
				\$2,600-\$2,799.....	3.9	4.0	4.0
				\$2,800-\$2,999.....	3.5	3.7	3.8
				\$3,000.....	19.7	24.6	25.4

¹ Preliminary.² Workers with \$1 or more in wages during calendar year.³ Workers with \$1 or more in wages in each calendar quarter of year.⁴ Workers with \$1 or more in wages in 1, 2, or 3 calendar quarters of year.⁵ Age at birthday in specified year.

Source: Federal Security Agency, Social Security Administration, Bureau of Old-Age and Survivors Insurance.

No. 274.—OLD-AGE AND SURVIVORS INSURANCE—PERCENTAGE DISTRIBUTION OF WORKERS, BY AMOUNT OF WAGE CREDITS: 1949

[Data corrected to January 15, 1952]

AMOUNT OF WAGE CREDITS	WORKERS WITH WAGE CREDITS IN 1949				
	Total	With wage credits in—			
		1 quarter only	2 quarters only	3 quarters only	4 quarters
Estimated number, total (thousands) ¹	47,200	5,400	5,250	4,850	31,700
Percentage distribution total.....	100.0	100.0	100.0	100.0	100.0
\$1-\$199.....	12.1	72.0	26.4	7.1	.3
\$200-\$399.....	7.0	18.7	25.5	13.3	.0
\$400-\$599.....	5.5	5.6	18.9	15.2	1.7
\$600-\$799.....	4.6	1.9	12.3	14.2	2.2
\$800-\$999.....	4.0	.9	7.5	12.1	2.8
\$1,000-\$1,199.....	3.9	.2	4.2	10.2	3.5
\$1,200-\$1,399.....	3.9	.1	2.1	7.7	4.3
\$1,400-\$1,599.....	4.1	(2)	1.2	5.7	5.0
\$1,600-\$1,799.....	4.1	(2)	.8	5.1	5.2
\$1,800-\$1,999.....	4.2	(2)	.5	3.6	5.7
\$2,000-\$2,199.....	4.6	(2)	.3	2.8	6.3
\$2,200-\$2,399.....	4.4	(2)	.2	1.8	6.3
\$2,400-\$2,599.....	4.2	(2)	.1	.9	6.2
\$2,600-\$2,799.....	4.0	(2)	(2)	.3	6.0
\$2,800-\$2,999.....	3.8	(2)	(2)	.1	5.7
\$3,000.....	25.4	(2)	(2)	(2)	37.9

¹ Preliminary estimate.² Less than 0.05 percent.

Source: Federal Security Agency, Social Security Administration, Bureau of Old-Age and Survivors Insurance.

No. 275.—OLD-AGE AND SURVIVORS INSURANCE—INDIVIDUAL BENEFICIARIES AND BENEFITS, BY STATES AND TERRITORIES: JUNE 30, 1951

[In thousands. Estimates; corrected to August 17, 1951. Effective Sept. 1, 1950: (1) husband's and widower's insurance benefits became payable; (2) terms "primary" and "widow's current" insurance benefit were changed to "old-age" and "mother's" insurance benefit, respectively]

STATE AND TERRITORY	BENEFITS IN CURRENT-PAYMENT STATUS, JUNE 30, 1951		AMOUNT OF PAYMENTS CERTIFIED IN FISCAL YEAR 1951					Number of lump-sum payments certified in fiscal year 1951 ³
	Number	Monthly amount	Total	Monthly benefits ¹			Lump-sum pay-ments ²	
				Old-age	Supple-mentary	Survivor		
Total	4,033,6	\$143,709	\$1,610,031	\$962,314	\$159,807	\$443,651	\$44,259	316,6
Alabama	58.6	1,674	18,826	9,397	1,452	7,450	527	4.3
Arizona	15.8	536	5,904	3,281	506	1,990	127	1.0
Arkansas	30.8	845	9,314	5,221	797	3,055	241	2.1
California	320.0	11,961	133,934	87,800	13,410	29,526	3,189	22.5
Colorado	31.6	1,082	11,083	7,330	1,227	3,162	264	2.0
Connecticut	70.3	3,082	34,046	21,910	3,772	8,298	966	6.4
Delaware	9.4	350	3,935	2,395	395	1,045	100	1.7
District of Columbia	15.2	537	6,080	3,523	481	1,853	223	1.7
Florida	85.9	3,000	32,472	21,161	3,596	7,006	709	5.6
Georgia	57.1	1,615	18,141	8,946	1,330	7,266	699	5.2
Idaho	12.0	376	4,112	2,473	371	1,172	96	.8
Illinois	255.0	9,598	107,939	65,372	10,810	28,439	3,318	22.4
Indiana	116.3	4,072	45,545	27,008	4,791	12,538	1,208	8.8
Iowa	53.3	1,719	19,035	11,499	2,080	4,986	470	3.6
Kansas	39.6	1,251	13,872	8,380	1,510	3,621	361	2.9
Kentucky	62.2	1,882	21,057	10,880	1,792	7,862	523	4.0
Louisiana	45.8	1,383	15,517	8,186	1,191	5,674	460	3.9
Maine	36.2	1,244	13,890	8,848	1,446	3,255	341	2.5
Maryland	56.5	2,011	22,607	12,042	2,008	7,202	755	5.4
Massachusetts	193.1	7,417	83,215	52,664	8,934	19,441	2,176	14.9
Michigan	177.2	6,643	74,552	42,103	7,452	22,827	2,170	14.5
Minnesota	64.5	2,259	25,021	15,348	2,616	6,416	641	4.6
Mississippi	24.5	642	7,087	3,493	537	2,865	192	1.7
Missouri	90.0	3,416	38,103	23,497	3,893	9,621	1,092	8.2
Montana	12.9	440	4,868	2,874	427	1,430	137	1.0
Nebraska	22.2	708	7,808	4,303	832	2,047	186	1.5
Nevada	3.9	142	1,691	1,019	100	421	51	.4
New Hampshire	22.2	785	8,854	5,791	931	1,955	177	1.3
New Jersey	164.2	6,429	72,681	44,133	7,706	18,655	2,187	14.6
New Mexico	8.5	247	2,718	1,260	186	1,192	71	.6
New York	474.3	17,944	202,152	126,027	20,329	49,624	6,172	41.8
North Carolina	66.1	1,871	21,036	10,102	1,691	8,691	652	5.6
North Dakota	5.8	173	1,905	1,097	171	584	53	.4
Ohio	256.2	9,588	106,854	63,201	11,517	29,304	2,832	19.4
Oklahoma	39.5	1,215	13,374	7,492	1,192	4,363	327	2.5
Oregon	51.2	1,840	20,468	13,446	2,129	4,435	458	3.3
Pennsylvania	364.0	13,714	154,883	91,504	15,790	43,200	4,383	30.2
Rhode Island	33.3	1,204	14,303	9,161	1,609	3,202	371	2.7
South Carolina	33.6	909	10,223	4,540	685	4,634	364	3.2
South Dakota	7.8	241	2,658	1,510	263	811	74	.6
Tennessee	57.4	1,669	18,580	9,567	1,449	7,040	524	4.4
Texas	120.3	3,691	41,111	21,243	3,288	15,293	1,287	10.2
Utah	14.3	477	5,286	2,701	512	1,946	127	.9
Vermont	12.2	413	4,628	2,838	490	1,212	88	.6
Virginia	63.4	1,987	22,380	11,574	1,792	8,352	662	5.3
Washington	77.4	2,895	32,126	21,448	3,331	6,687	660	4.7
West Virginia	60.4	2,001	22,544	11,395	1,891	8,778	480	3.4
Wisconsin	93.4	3,338	37,317	22,486	4,083	9,808	940	6.6
Wyoming	5.0	172	1,930	1,215	162	508	45	.4
Alaska	1.9	67	734	489	26	200	19	.2
Hawaii	9.6	306	3,462	2,025	285	1,132	70	.5
Puerto Rico	.3	9	92	24	2	62	4	.1
Virgin Islands	(4)	1	9	5	1	3	(5)	(5)
Foreign	15.9	628	6,309	3,978	721	1,506	104	.7

¹ Distribution by type estimated. Supplementary benefits paid to wives, dependent aged husbands and children of retired (old-age) beneficiaries. Survivor benefits paid to following survivors of deceased insured workers: Aged widows, dependent aged widowers, children, younger widows with child beneficiaries in their care, or dependent aged parents.

² Payable with respect to workers who died after December 1939, and before September 1950, if no survivor could be entitled to monthly benefits for month in which worker died, or with respect to all workers who died after August 1950.

³ Exceeds number of deceased workers with respect to whose wage records payments were certified.

⁴ Less than 50.

⁵ Less than \$500.

Source: Federal Security Agency, Social Security Administration; *Social Security Bulletin*.

No. 276.—OLD-AGE AND SURVIVORS INSURANCE—SAMPLE (1 PERCENT) OF WORKERS WITH WAGE CREDITS AT SOME TIME IN 1937-49, BY CUMULATIVE WAGE CREDITS IN 1937-49, INSURANCE STATUS JANUARY 1, 1950, AND AGE GROUP

[1-percent sample of all workers with wage credits identified for posting by July 1950, only partly adjusted for duplication of workers with more than 1 account. Includes workers who died during period 1937-49 and workers who became entitled to primary insurance benefits before January 1, 1950. Age represents age at birthday in 1949. Since data are derived from a sample they are subject to a sampling variation which may be large where figures shown are small. Because of mechanical processes and extent of adjustments for delayed wage records, data may differ slightly from corresponding data in other published tables. Data corrected to Jan. 8, 1952.]

CUMULATIVE WAGE CREDITS AND INSURANCE STATUS ¹	Total ²	AGE GROUP							
		Under 20	20-24	25-34	35-44	45-54	55-59	60-64	65 and over
Total, 1 percent sample.....	860,733	54,976	111,847	235,954	181,698	127,940	48,218	38,167	55,210
Under \$300.....	132,054	21,409	16,282	31,229	21,419	15,822	6,223	5,116	9,150
\$300-\$599.....	54,339	8,783	8,872	13,771	8,921	6,078	2,404	1,010	3,388
\$600-\$1,559.....	100,447	12,584	18,898	27,208	16,708	10,928	4,279	3,367	6,189
\$1,560-\$2,339.....	53,349	4,799	10,697	15,696	9,036	5,670	2,171	1,838	3,313
\$2,340-\$3,119.....	43,352	3,055	8,713	13,080	7,663	4,788	1,781	1,497	2,087
\$3,120-\$3,899.....	30,387	1,903	7,408	11,204	6,461	4,213	1,534	1,238	2,243
\$3,900-\$7,799.....	129,691	2,308	26,199	42,489	24,540	15,643	5,822	4,752	7,776
\$7,800-\$11,699.....	86,346	122	11,778	32,181	17,935	11,542	4,128	3,304	5,172
\$11,700-\$15,599.....	60,350	8	2,608	23,017	14,995	9,474	3,461	2,685	4,010
\$15,600-\$19,499.....	42,805	(³)	359	12,405	13,267	8,294	2,927	2,406	3,016
\$19,500-\$23,399.....	34,270	1	29	7,047	11,863	7,752	2,813	2,301	2,428
\$23,400-\$27,299.....	29,087	2	4	4,066	10,457	7,670	2,695	2,223	1,954
\$27,300-\$31,199.....	26,138	1	(³)	2,008	9,807	7,606	2,972	2,110	1,615
\$31,200-\$35,099.....	28,328	1	(³)	532	8,349	10,804	4,106	2,695	1,887
\$35,000 and over.....	3,941	(³)	(³)	5	377	1,656	902	566	432
Fully insured.....	423,223	16,361	74,732	115,196	82,008	61,644	23,189	18,307	31,451
\$300-\$599.....	357	139	94	10	(³)	2	2	2	108
\$600-\$1,559.....	15,832	4,947	8,505	763	66	57	22	41	1,425
\$1,560-\$2,339.....	17,523	4,016	9,410	2,326	96	93	56	80	1,442
\$2,340-\$3,119.....	16,850	2,037	8,417	3,620	151	155	81	99	1,385
\$3,120-\$3,899.....	16,188	1,879	7,350	4,747	265	271	135	156	1,380
\$3,900-\$7,799.....	73,826	2,308	26,178	27,851	5,148	3,581	1,503	1,357	5,846
\$7,800-\$11,699.....	65,619	122	11,778	27,824	10,227	6,516	2,337	2,042	4,700
\$11,700-\$15,599.....	53,722	8	2,608	22,050	12,376	7,550	2,806	2,236	3,909
\$15,600-\$19,499.....	41,663	(³)	359	12,347	12,855	7,873	2,773	2,409	3,000
\$19,500-\$23,399.....	34,183	1	29	7,047	11,838	7,716	2,807	2,286	2,423
\$23,400-\$27,299.....	29,073	2	4	4,066	10,453	7,606	2,690	2,223	1,953
\$27,300-\$31,199.....	26,128	1	(³)	2,008	9,807	7,603	2,969	2,117	1,613
\$31,200-\$35,099.....	28,322	1	(³)	532	8,348	10,802	4,106	2,693	1,886
\$35,000 and over.....	3,937	(³)	(³)	5	377	1,653	902	566	431
Currently insured only.....	58,973	(³)	70	17,685	19,868	12,245	4,281	3,121	1,587
\$300-\$599.....	42	(³)	(³)	8	5	11	4	5	9
\$600-\$1,559.....	2,201	(³)	16	656	627	467	183	116	133
\$1,560-\$2,339.....	4,207	(³)	28	1,428	1,210	830	280	229	190
\$2,340-\$3,119.....	5,379	(³)	12	1,882	1,629	1,026	370	262	101
\$3,120-\$3,899.....	5,679	(³)	5	1,916	1,755	1,144	306	272	177
\$3,900-\$7,799.....	23,925	(³)	9	7,418	7,872	4,749	1,657	1,276	584
\$7,800-\$11,699.....	12,482	(³)	(³)	3,494	4,582	2,596	931	642	207
\$11,700-\$15,599.....	4,538	(³)	(³)	836	1,868	1,126	374	261	55
\$15,600 and over.....	820	(³)	(³)	47	320	296	86	58	11
Uninsured.....	378,537	38,615	37,045	103,073	79,817	54,051	20,748	16,739	22,202
Under \$300.....	132,054	21,409	16,282	31,229	21,419	15,822	6,223	5,116	9,150
\$300-\$599.....	53,940	8,644	8,773	13,753	8,916	6,065	2,398	1,093	3,271
\$600-\$1,559.....	82,414	7,937	10,377	25,789	16,010	10,404	4,074	3,210	4,631
\$1,560-\$2,339.....	31,619	783	1,259	11,942	7,730	4,747	1,835	1,529	1,681
\$2,340-\$3,119.....	21,123	118	284	7,584	5,883	3,607	1,330	1,136	1,111
\$3,120-\$3,899.....	14,470	24	5	4,601	4,440	2,798	1,003	810	680
\$3,900-\$7,799.....	32,140	(³)	12	7,170	11,430	7,313	2,692	2,119	1,946
\$7,800-\$11,699.....	8,244	(³)	(³)	863	3,126	2,430	800	680	265
\$11,700-\$15,599.....	2,090	(³)	(³)	131	751	692	281	188	46
\$15,600 and over.....	443	(³)	(³)	11	112	173	82	48	15

¹ A worker who is fully insured as of a given date (in this table, Jan. 1, 1950) is one who has had at least 6 calendar quarters of coverage and not less than 1 such quarter for each 2 calendar quarters elapsed after 1936 or after quarter in which he attained age 21, whichever is later, and up to but excluding quarter in which he died, attained age 65, or given date, whichever first occurred. A worker who is currently insured as of a given date is one who has had at least 6 quarters of coverage during the period consisting of the quarter of the date, or the quarter in which he died, and the 12 quarters immediately preceding such quarter. Uninsured workers are those who have some wage credits but are neither fully nor currently insured as of given date. A quarter of coverage is a calendar quarter in which the worker has been paid not less than \$50 in taxable wages.

² Total includes 6,728 workers of unreported age not shown separately, of whom 335 were fully insured, 146 currently insured only, and 6,247 uninsured. Total excludes 54 workers for whom information was incomplete with respect to the characteristics reported in this table.

³ No workers in sample cell. ⁴ Inapplicable under provisions of Social Security Act.

Source: Federal Security Agency, Social Security Administration, Bureau of Old-Age and Survivors Insurance.

No. 277.—UNEMPLOYMENT INSURANCE—WORKERS WITH WAGE CREDITS, AVERAGE EMPLOYMENT, AND TOTAL WAGES, BY STATES AND TERRITORIES: 1949 AND 1950

[In thousands. Corrected to July 1, 1951]

STATE AND TERRITORY	1950 minimum coverage provisions for size of firm ¹	WORKERS WITH WAGE CREDITS ²		AVERAGE EMPLOYMENT ³		WAGES ⁴	
		1949	1950	1949	1950	1949	1950
Total		44,400	45,600	31,695	32,887	\$93,863,033	\$103,129,637
Alabama	8 in 20 weeks	700	690	397	410	935,834	1,036,430
Arizona	3 in 20 weeks	219	200	101	106	293,440	323,915
Arkansas	1 in 10 days	364	435	214	223	441,051	483,927
California	1 at any time ⁵	4,100	4,050	2,419	2,525	7,905,303	8,610,333
Colorado	8 in 20 weeks	350	350	193	205	551,288	612,278
Connecticut	4 in 13 weeks	853	834	583	616	1,762,863	1,999,469
Delaware	1 in 20 weeks	184	144	93	100	286,600	326,357
District of Columbia	1 at any time	385	420	218	223	626,148	670,626
Florida	8 in 20 weeks	746	709	383	407	954,820	1,062,141
Georgia	do	888	932	507	533	1,150,545	1,312,912
Idaho	1 at any time ⁶	201	198	90	94	243,120	209,596
Illinois	6 in 20 weeks	3,230	3,334	2,261	2,325	7,450,300	8,084,690
Indiana	3 in 20 weeks	1,287	1,371	853	918	2,639,735	3,031,837
Iowa	8 in 15 weeks	606	574	338	348	933,072	1,017,631
Kansas	8 in 20 weeks ⁷	427	448	243	255	681,623	751,682
Kentucky	4 in 3 quarters ⁸	575	580	376	391	947,457	1,008,878
Louisiana	4 in 20 weeks	723	742	451	450	1,136,679	1,208,200
Maine	8 in 20 weeks	261	266	164	166	412,320	440,941
Maryland	1 at any time	827	833	541	563	1,428,495	1,573,920
Massachusetts	1 in 13 weeks	1,847	1,939	1,385	1,431	3,792,942	4,149,406
Michigan	8 in 20 weeks	2,266	2,300	1,523	1,626	5,254,667	6,077,666
Minnesota	1 in 20 weeks ⁹	769	810	532	553	1,498,195	1,657,624
Mississippi	8 in 20 weeks	348	358	174	179	347,349	388,768
Missouri	do	1,162	1,213	764	782	2,176,430	2,362,343
Montana	1 in 20 weeks ¹⁰	171	181	90	101	270,240	291,766
Nebraska	8 in 20 weeks ¹¹	274	280	163	166	433,144	466,852
Nevada	1 at any time ¹²	91	68	35	37	111,578	123,467
New Hampshire	4 in 20 weeks	102	184	122	126	298,992	326,774
New Jersey	do	1,832	1,905	1,239	1,294	3,641,319	4,336,118
New Mexico	2 in 13 weeks ¹³	198	209	92	101	240,368	280,009
New York	4 in 15 days	6,184	6,300	4,231	4,300	14,015,046	14,949,591
North Carolina	8 in 20 weeks	900	975	611	658	1,382,786	1,601,125
North Dakota	do	91	92	46	47	125,163	132,685
Ohio	3 in 1 day	2,972	3,040	2,077	2,175	6,425,631	7,105,471
Oklahoma	8 in 20 weeks	513	533	274	281	784,480	838,381
Oregon	4 in 6 weeks ¹⁴	490	517	300	314	943,749	1,049,556
Pennsylvania	1 at any time	4,122	3,915	2,959	3,027	8,244,559	8,975,123
Rhode Island	4 in 20 weeks	309	330	220	234	597,860	673,545
South Carolina	8 in 20 weeks	477	482	304	310	665,179	747,239
South Dakota	do	93	96	52	53	135,455	146,027
Tennessee	do	778	823	472	496	1,146,818	1,295,989
Texas	do	2,115	2,256	1,176	1,220	3,278,312	3,604,200
Utah	1 at any time ¹⁵	215	215	124	127	337,808	367,262
Vermont	8 in 20 weeks	98	92	50	60	147,369	161,372
Virginia	do	787	792	486	505	1,202,232	1,318,004
Washington	1 at any time	774	784	500	500	1,573,400	1,676,721
West Virginia	8 in 20 weeks	528	530	373	375	1,067,857	1,146,983
Wisconsin	6 in 13 weeks ¹⁶	1,052	1,090	711	742	2,131,017	2,389,371
Wyoming	1 at any time ¹⁷	168	193	55	54	159,508	159,391
Alaska	1 at any time	65	60	23	25	106,079	120,994
Hawaii	do	138	138	91	91	236,092	244,140

¹ 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 are in effect for 1949 and 1950.

² Estimated number of different workers in each State who have earned wages in covered employment sometime during calendar year. Totals adjusted to eliminate duplication due to shifting of workers between States during year.

³ Average of 12 monthly figures each of which is total of number of workers in covered employment in pay period of each type (weekly, semimonthly, etc.) ending nearest 15th of month.

⁴ Total wages in covered employment for all pay periods ending in year.

⁵ And wages of \$100 in any calendar quarter.

⁶ And wages of \$75 in a calendar quarter. ⁷ Or 25 in 1 week.

⁸ Wages of at least \$50 to each of at least 4 workers during each of 3 calendar quarters.

⁹ But 8 in 20 weeks for employers located outside the corporate limits of a city, village, or borough of 10,000 or more population. ¹⁰ Or wages of \$500 in a calendar year. ¹¹ Or wages of \$10,000 in any calendar year.

¹² And wages of \$225 in any calendar quarter. ¹³ Or wages of \$450 in a calendar quarter.

¹⁴ And wages of \$500 in same calendar quarter; prior to Apr. 1, 1949, 4 in 1 day and wages of \$500 in same calendar quarter.

¹⁵ And wages of \$140 in any calendar quarter.

¹⁶ Or wages of \$6,000 in preceding calendar year. Includes employers with wages of \$10,000 in a calendar quarter toward which not more than \$1,000 per employee need be counted. ¹⁷ And wages of \$500 in a calendar year.

Source: Department of Labor, Bureau of Employment Security.

No. 278.—UNEMPLOYMENT INSURANCE—AVERAGE EMPLOYMENT AND TOTAL WAGES,
BY MAJOR INDUSTRY GROUP: 1949

[In thousands. Data corrected to July 15, 1950]

INDUSTRY DIVISION AND MAJOR INDUSTRY GROUP ¹	AVERAGE EMPLOYMENT		WAGES	
	Number of workers ²	Percent of total, all industries	Amount ³	Percent of total, all industries
Total, all industries.....	31,693	100.0	\$93,863,033	100.0
Agriculture, forestry, and fishing.....	67	.2	177,386	.2
Farms.....	11	(⁴)	27,555	(⁴)
Agriculture and similar service establishments.....	39	.1	89,492	.1
Forestry.....	1	(⁴)	2,502	(⁴)
Fishing.....	16	(⁴)	57,837	.1
Mining.....	892	2.8	2,880,733	3.1
Metal mining.....	96	.3	325,930	.3
Anthracite mining.....	77	.2	222,011	.2
Bituminous and other soft-coal mining.....	392	1.2	1,154,071	1.2
Crude-petroleum and natural-gas production.....	235	.7	895,634	1.0
Nonmetallic mining and quarrying.....	92	.3	282,187	.3
Contract construction.....	1,879	5.9	6,334,111	6.7
Building construction—general contractors.....	682	2.2	2,200,408	2.3
General contractors, other than building.....	409	1.3	1,425,600	1.5
Construction—special-trade contractors.....	788	2.5	2,708,094	2.9
Manufacturing.....	14,009	44.2	43,480,177	46.3
Ordnance and accessories.....	26	.1	80,163	.1
Food and kindred products.....	1,500	4.7	4,417,161	4.7
Tobacco manufactures.....	199	.3	209,776	.2
Textile-mill products.....	1,227	3.9	3,141,923	3.3
Apparel and other finished products of fabrics.....	1,146	3.6	2,716,700	2.9
Lumber and wood products (except furniture).....	680	2.1	1,594,795	1.7
Furniture and fixtures.....	318	1.0	906,012	1.0
Paper and allied products.....	452	1.4	1,460,893	1.5
Printing, publishing, and allied industries.....	696	2.2	2,585,137	2.8
Chemicals and allied products.....	653	2.1	2,316,872	2.5
Products of petroleum and coal.....	236	.7	983,781	1.0
Rubber products.....	232	.7	748,178	.8
Leather and leather products.....	386	1.2	920,105	1.0
Stone, clay, and glass products.....	477	1.5	1,444,585	1.5
Primary metal industries.....	1,089	3.4	3,739,580	4.0
Fabricated metal products (except ordnance, machinery, and transportation equipment).....	887	2.8	2,946,904	3.1
Machinery (except electrical).....	1,304	4.1	4,541,498	4.8
Electrical machinery, equipment, and supplies.....	763	2.4	2,480,805	2.6
Transportation equipment.....	1,199	3.8	4,323,034	4.6
Professional, scientific, and controlling instruments; photographic and optical goods; watches and clocks.....	225	.7	742,368	.8
Miscellaneous manufacturing industries.....	413	1.3	1,167,907	1.2
Transportation, communication, and other public utilities ⁵	2,496	7.9	7,750,829	8.3
Local railways and bus lines.....	154	.5	502,855	.5
Trucking and warehousing for hire.....	511	1.6	1,599,106	1.7
Other transportation, except water transportation.....	302	1.0	878,131	.9
Water transportation.....	146	.5	573,904	.6
Services allied to transportation, n. e. c.....	158	.5	412,383	.4
Communication: Telephone, telegraph, and related services.....	682	2.2	1,997,238	2.1
Utilities: Electric and gas.....	521	1.6	1,761,150	1.9
Local utilities and local public services, n. e. c.....	22	.1	56,002	.1

See footnotes at end of table.

No. 278.—UNEMPLOYMENT INSURANCE—AVERAGE EMPLOYMENT AND TOTAL WAGES,
BY MAJOR INDUSTRY GROUP: 1949—Continued

[In thousands]

INDUSTRY DIVISION AND MAJOR INDUSTRY GROUP ¹	AVERAGE EMPLOYMENT		WAGES	
	Number of workers ²	Percent of total, all industries	Amount ³	Percent of total, all industries
Wholesale and retail trade	8,019	25.3	\$21,935,222	23.4
Full-service and limited-function wholesalers.....	1,248	3.9	4,257,025	4.5
Wholesale distributors, other than full-service and limited-function wholesalers.....	993	3.1	3,752,093	4.0
Wholesale and retail trade combined, not elsewhere classified.....	310	1.0	963,395	1.0
Retail general merchandise.....	1,308	4.1	2,709,064	2.9
Retail food and liquor stores.....	928	2.9	2,353,038	2.5
Retail automotive.....	600	1.9	2,004,672	2.2
Retail apparel and accessories.....	497	1.6	1,180,542	1.3
Retail trade, not elsewhere classified.....	985	3.1	2,570,058	2.7
Eating and drinking places.....	1,020	3.2	1,787,729	1.9
Retail filling stations.....	130	.4	297,006	.3
Finance, insurance, and real estate	1,468	4.6	4,427,369	4.7
Banks and trust companies.....	370	1.2	1,134,245	1.2
Security dealers and investment banking.....	52	.1	220,327	.2
Finance agencies, not elsewhere classified.....	99	.3	308,346	.3
Insurance carriers.....	480	1.5	1,502,181	1.6
Insurance agents, brokers, and services.....	96	.3	308,148	.3
Real estate.....	322	1.3	777,201	.8
Real estate, insurance, loans, law offices: Any combination.....	38	.1	117,024	.1
Holding companies (except real estate).....	11	(4)	59,297	.1
Service	2,794	8.8	6,714,762	7.2
Hotels, rooming houses, camps, and other lodging places.....	433	1.4	765,121	.8
Personal services.....	676	2.1	1,360,294	1.5
Business services, not elsewhere classified.....	400	1.3	1,324,947	1.4
Employment agencies and commercial and trade schools.....	30	.1	100,425	.1
Automobile repair services and garages.....	136	.4	300,011	.4
Miscellaneous repair services and hand trades.....	80	.3	268,613	.3
Motion pictures.....	237	.7	642,988	.7
Amusement and recreation and related services, not elsewhere classified.....	261	.8	491,805	.5
Medical and other health services.....	107	.5	356,435	.4
Law offices and related services.....	52	.2	152,300	.2
Educational institutions and agencies.....	21	.1	47,687	.1
Other professional and social-service agencies and institutions.....	89	.3	363,516	.4
Nonprofit membership organizations.....	185	.6	428,798	.5
Private households.....	14	(4)	20,002	(4)
Regular governmental establishments.....	8	(4)	17,820	(4)
Establishments not elsewhere classified⁴	69	.2	162,444	.2

¹ Industry titles from 1942 edition of *Social Security Board Industrial Classification Code* for nonmanufacturing industries and 1946 edition of *Standard Industrial Classification Manual* for manufacturing industries.

² Average of 12 monthly figures, each of which is total of numbers of workers in covered employment in pay period of each type (weekly, semimonthly, etc.) ending nearest fifteenth of month.

³ Total wages in covered employment for all pay periods ending in year.

⁴ Less than 0.05 percent of total.

⁵ Excludes railroad and allied groups subject, as of July 1, 1939, to Railroad Unemployment Insurance Act.

⁶ Includes data for firms whose activities are not classifiable in any of above industries and data for firms not yet classified due to lack of sufficient information regarding nature of business.

Source: Department of Labor, Bureau of Employment Security.

No. 279.—UNEMPLOYMENT INSURANCE—CLAIMS RECEIVED, WEEKS COMPENSATED, BENEFIT PAYMENTS, AND FEDERAL GRANTS, BY STATES AND TERRITORIES: 1951

[In thousands. Corrected to Jan. 25, 1952]

STATE AND TERRITORY	CLAIMS RECEIVED IN LOCAL OFFICES		WEEKS COM- PENSATED		AMOUNT OF BENE- FIT PAYMENTS ¹		FEDERAL GRANTS FOR ADMINISTRATION ²	
	Initial ³	Con- tinued ³	All un- employ- ment ³	Total unem- plov- ment	All un- employ- ment ³	Total unem- plov- ment	July 1949- June 1950	July 1950- June 1951
Total.....	11,841	50,393	41,599	38,088	\$845,085	\$802,962	\$175,420	\$172,725
Alabama.....	121	708	537	506	8,283	7,987	2,719	2,616
Arizona.....	32	119	64	60	1,295	1,243	1,201	1,206
Arkansas.....	88	395	280	255	4,826	4,310	1,470	1,614
California.....	949	5,001	4,420	4,040	95,678	90,483	18,580	17,627
Colorado.....	20	88	64	59	1,247	1,181	1,334	1,325
Connecticut.....	196	698	551	508	10,455	10,027	3,063	2,790
Delaware.....	17	65	55	50	986	935	397	408
District of Columbia.....	18	104	90	88	1,609	1,583	1,188	1,168
Florida.....	125	623	432	416	6,599	6,414	2,405	2,744
Georgia.....	117	706	554	510	8,466	7,980	2,372	2,674
Idaho.....	22	128	99	95	1,920	1,865	827	885
Illinois.....	703	3,493	2,763	2,251	57,159	51,238	8,647	8,442
Indiana.....	247	875	688	623	14,014	13,266	3,050	3,047
Iowa.....	44	218	174	163	3,111	2,872	1,380	1,433
Kansas.....	68	215	188	171	3,873	3,653	1,294	1,208
Kentucky.....	126	808	657	618	10,833	10,300	1,830	2,003
Louisiana.....	141	832	667	614	13,431	12,775	2,363	2,517
Maine.....	86	466	384	326	5,596	4,987	1,006	1,027
Maryland.....	134	500	484	427	8,919	8,287	3,002	2,906
Massachusetts.....	535	2,724	2,228	1,998	48,828	46,383	7,013	7,427
Michigan.....	623	2,337	1,852	1,783	46,649	45,788	8,360	7,786
Minnesota.....	102	633	530	500	9,237	8,795	2,544	2,698
Mississippi.....	78	399	313	287	4,559	4,300	1,740	1,776
Missouri.....	228	1,096	765	635	12,132	11,047	2,063	3,012
Montana.....	24	159	128	128	2,296	2,296	783	803
Nebraska.....	21	94	83	79	1,521	1,483	813	840
Nevada.....	13	67	54	51	1,276	1,223	625	608
New Hampshire.....	83	380	313	255	5,302	4,698	735	822
New Jersey.....	515	2,298	2,022	1,831	44,157	41,846	7,160	6,662
New Mexico.....	16	71	58	55	1,031	1,003	818	858
New York.....	2,715	10,034	8,548	8,112	190,878	184,123	24,122	25,138
North Carolina.....	313	1,234	1,124	1,017	17,496	16,555	3,191	3,000
North Dakota.....	9	60	69	63	1,189	1,108	512	548
Ohio.....	388	1,730	1,359	1,229	28,435	26,842	8,568	7,803
Oklahoma.....	71	417	326	307	5,868	5,646	1,813	1,996
Oregon.....	140	591	504	473	10,487	10,115	2,294	2,179
Pennsylvania.....	1,074	4,015	3,311	3,016	66,779	63,041	13,635	12,403
Rhode Island.....	194	908	821	787	17,455	17,036	1,567	1,559
South Carolina.....	109	469	365	335	6,189	5,920	1,808	1,906
South Dakota.....	7	44	41	37	715	676	413	454
Tennessee.....	162	1,240	929	875	14,053	13,453	2,871	2,702
Texas.....	97	553	384	358	6,012	5,776	6,707	6,060
Utah.....	25	129	103	93	2,363	2,201	998	1,087
Vermont.....	15	81	72	65	1,370	1,291	536	539
Virginia.....	98	461	381	355	5,929	5,687	1,708	1,722
Washington.....	194	876	716	680	15,101	14,543	3,619	3,661
West Virginia.....	94	567	481	422	8,207	7,613	1,552	1,432
Wisconsin.....	117	472	347	318	7,389	6,917	2,525	2,589
Wyoming.....	8	36	34	30	796	720	403	527
Alaska.....	9	47	71	68	1,793	1,741	400	500
Hawaii.....	19	134	110	84	1,822	1,591	482	561

¹ Includes transitional initial claims.

² Represents weeks claimed by continued claims.

³ Benefits for other than total unemployment are not provided by State law in Montana.

⁴ Unadjusted for voided benefit checks.

⁵ Advances for unemployment insurance administration certified to State agencies during fiscal year. Totals include, but State figures exclude, expenses for postage.

⁶ Includes \$192,000 granted to Puerto Rico in fiscal 1950; includes \$334,000 and \$5,000 granted to Puerto Rico and Virgin Islands, respectively, in fiscal 1951 for employment service administration.

Source: Department of Labor, Bureau of Employment Security.

No. 280.—UNEMPLOYMENT INSURANCE—CONTRIBUTIONS COLLECTED AND BENEFITS PAID UNDER STATE LAWS, BY STATES AND TERRITORIES: 1950 AND 1951

[In thousands of dollars. Corrected to January 25, 1952]

STATE AND TERRITORY	Month and year benefits first payable	Funds available for benefits as of Dec. 31, 1949 ¹	CONTRIBUTIONS COLLECTED ²		BENEFITS PAID		RATIO (PERCENT) OF BENEFITS TO CONTRIBUTIONS		FUNDS AVAILABLE FOR BENEFITS ³	
			1950	1951	1950 ³	1951	1950 ³	1951	Dec. 31, 1950	Dec. 31, 1951
Total		7,009,536	1,191,438	1,492,642	1,373,114	840,411	115.2	56.3	6,972,295	7,782,181
Alabama	Jan. 1938	50,415	13,002	15,749	13,758	8,218	105.8	52.2	56,850	65,705
Arizona	do	28,377	4,156	5,334	2,888	1,281	69.5	24.0	30,265	35,018
Arkansas	Jan. 1939	37,951	5,208	7,400	7,344	4,484	141.0	60.1	36,550	40,328
California	Jan. 1938	591,300	153,791	182,620	182,738	95,083	118.8	52.1	573,884	674,621
Colorado	Jan. 1939	54,729	3,923	5,388	3,691	1,230	94.1	22.9	56,137	61,550
Connecticut	Jan. 1938	157,541	17,835	32,608	22,474	10,410	128.0	32.0	156,130	181,915
Delaware	Jan. 1939	14,546	1,509	1,819	1,798	964	119.2	53.0	14,560	15,739
Dist. of Columbia	Jan. 1938	45,443	3,783	4,417	3,438	1,557	90.8	35.3	46,775	50,678
Florida	Jan. 1939	71,821	7,892	9,136	7,632	6,500	96.7	71.8	73,589	77,757
Georgia	do	102,728	14,058	15,225	10,015	8,455	71.2	55.5	108,989	118,170
Idaho	Sept. 1938	26,187	4,450	4,990	3,429	1,902	77.1	38.4	27,747	31,413
Illinois	July 1939	484,011	49,851	70,316	93,020	50,877	186.6	80.9	450,344	473,873
Indiana	Apr. 1938	187,781	22,456	27,783	15,210	13,057	97.7	50.2	190,094	217,405
Iowa	July 1938	92,730	11,381	5,872	5,449	3,004	47.9	55.5	100,710	105,405
Kansas	Jan. 1939	64,350	6,074	7,382	7,145	3,849	117.6	52.1	64,631	69,506
Kentucky	do	117,874	10,739	18,096	13,459	10,812	80.4	56.7	123,670	133,681
Louisiana	Jan. 1938	99,717	15,856	19,671	20,007	13,254	126.2	67.4	97,640	106,198
Maine	do	38,058	6,498	7,219	9,098	5,559	142.0	77.0	36,744	39,218
Maryland	do	116,944	12,226	15,113	18,754	8,788	153.4	58.0	112,170	121,001
Massachusetts	do	107,849	50,467	94,424	76,099	48,528	129.0	51.4	92,005	140,988
Michigan	July 1938	297,095	63,157	78,763	48,813	47,120	77.3	59.8	317,847	350,894
Minnesota	Jan. 1938	122,946	9,813	14,225	15,597	9,195	158.9	64.0	119,033	127,274
Mississippi	Apr. 1938	43,062	4,235	4,879	6,201	4,541	146.4	93.1	41,983	43,234
Missouri	Jan. 1939	187,516	22,950	27,142	19,854	12,090	80.5	44.5	194,074	214,143
Montana	July 1939	31,257	4,398	5,083	4,280	2,286	97.3	45.0	32,032	35,556
Nebraska	Jan. 1939	34,854	3,221	4,174	3,109	1,618	98.4	36.4	35,635	39,079
Nevada	do	13,180	1,550	1,920	2,490	1,275	158.6	68.4	12,537	13,444
New Hampshire	Jan. 1938	22,069	5,139	6,132	7,705	5,282	151.1	88.1	19,863	21,144
New Jersey	Jan. 1939	427,806	48,043	63,737	64,143	43,844	131.9	68.8	421,227	450,485
New Mexico	Dec. 1938	21,460	4,423	5,094	1,905	1,027	44.4	20.2	24,393	26,034
New York	Jan. 1938	887,033	205,295	323,038	200,471	189,095	100.4	58.4	904,616	1,000,516
North Carolina	do	154,107	21,224	24,076	16,056	17,464	78.5	72.5	162,038	172,287
North Dakota	Jan. 1939	9,637	1,771	1,902	1,981	1,183	111.8	62.2	9,622	10,549
Ohio	do	530,196	54,343	73,677	80,698	28,125	148.5	38.2	514,683	571,893
Oklahoma	Dec. 1938	47,963	9,939	7,927	9,558	5,848	137.7	73.8	46,332	49,431
Oregon	Jan. 1938	81,379	12,203	13,272	20,427	10,446	167.4	78.7	74,731	79,192
Pennsylvania	do	574,070	62,387	127,198	110,211	66,336	176.7	52.2	537,488	610,440
Rhode Island	do	24,983	14,058	16,588	16,216	17,408	115.4	104.9	23,290	22,990
South Carolina	July 1938	50,077	8,875	11,753	9,183	6,171	103.5	52.5	50,830	57,574
South Dakota	Jan. 1939	9,823	1,578	1,604	1,119	712	70.9	44.4	10,405	11,622
Tennessee	Jan. 1938	96,874	15,350	19,488	18,040	14,039	117.5	72.0	90,177	103,754
Texas	do	219,046	19,198	19,962	13,573	5,986	70.7	30.0	229,327	248,274
Utah	do	32,400	3,133	3,536	4,874	2,358	155.0	66.7	31,321	33,188
Vermont	do	14,880	1,935	2,479	2,824	1,374	145.0	55.4	14,290	15,718
Virginia	do	79,776	10,201	12,700	10,573	5,901	103.6	46.5	81,040	86,630
Washington	Jan. 1939	150,768	35,781	32,972	31,506	15,004	88.1	45.5	158,221	179,877
West Virginia	Jan. 1938	86,733	9,079	13,520	15,343	8,195	153.8	60.0	83,172	90,351
Wisconsin	July 1936	216,048	13,911	17,685	13,056	7,354	93.9	41.6	222,140	237,406
Wyoming	Jan. 1939	12,884	1,817	1,857	1,822	793	138.3	42.7	12,641	13,983
Alaska	do	10,335	1,930	2,423	3,313	1,785	171.6	73.7	9,141	9,908
Hawaii	do	22,271	2,427	2,641	3,376	1,815	139.1	68.7	21,778	23,080

¹ 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.

² Contributions, penalties, and interest from employers and contributions from employees. Adjusted for refunds of contributions and for dishonored contribution checks.

³ Adjusted for voided benefit checks. Excludes \$312,000 paid in 1950 to seamen under the Reconversion Unemployment Benefits for Seamen program which expired June 30, 1950.

Source: Department of Labor, Bureau of Employment Security.

No. 281.—UNEMPLOYMENT INSURANCE—SUMMARY OF SELECTED OPERATIONS UNDER STATE UNEMPLOYMENT INSURANCE LAWS: 1941 TO 1951

[Data corrected to January 26, 1952]

YEAR AND MONTH	COVERED EMPLOYMENT ¹		Beneficiaries ⁴	Weeks compensated	Continued claims ⁵	Benefit payments ⁶ (thousands)
	Workers ² (thousands)	Wages ³ (thousands)				
1941.....	26,814	\$42,145,085	3,439,323	32,295,377	42,341,653	\$344,321
1942.....	29,349	54,796,162	2,815,127	28,157,730	33,761,947	344,084
1943.....	30,828	66,116,663	664,015	6,003,608	7,604,684	79,643
1944.....	30,044	69,139,035	533,406	4,123,924	5,480,621	62,385
1945.....	28,407	66,642,128	2,861,190	24,179,769	30,633,727	445,866
1946.....	30,234	73,402,162	4,461,032	50,813,203	67,333,494	1,094,850
1947.....	32,278	86,696,257	3,983,603	44,324,983	51,859,949	779,105
1948.....	33,088	96,094,825	4,008,393	42,604,039	50,981,844	793,205
1949.....	31,695	93,863,033	7,363,886	86,638,269	102,612,247	1,737,279
1950.....	32,887	103,129,637	5,211,883	67,859,529	78,654,227	1,373,420
1951.....	34,858	118,717,346	4,126,000	41,598,711	50,392,621	840,411
January.....	33,768		971,072	4,409,693	5,413,005	90,475
February.....	33,949	28,080,051	883,070	3,532,282	4,259,631	71,369
March.....	34,409		807,231	3,551,816	3,996,114	71,584
April.....	34,506		740,185	3,108,708	3,913,208	62,294
May.....	34,702	29,267,349	772,894	3,555,314	4,370,109	70,799
June.....	35,134		821,442	3,450,058	4,019,430	63,780
July.....	34,978		747,769	3,290,183	4,331,106	65,925
August.....	35,334	20,443,054	801,005	3,684,623	4,350,288	75,131
September.....	35,436		757,815	3,031,258	3,550,079	62,047
October.....	35,295		712,819	3,278,067	3,886,201	67,449
November.....	35,283	31,616,992	740,315	3,296,986	3,997,180	68,667
December.....	35,516		797,324	3,348,763	4,305,580	70,624

¹ Excludes railroads and allied groups subject as of July 1, 1939, to Railroad Unemployment Insurance Act.² Until January 1945, represents covered employment on last pay roll of each type (weekly, semimonthly, etc.) ending in month; thereafter, employment on pay roll of each type ending nearest fifteenth of month. Annual figures represent averages of 12 monthly figures.³ Total wages in covered employment for all pay periods ending within period.⁴ Annual figures represent first payments made to beneficiaries; monthly figures represent average weekly number of weeks of unemployment compensated during month.⁵ Beginning with January 1949, represents weeks claimed by continued claims.⁶ Annual amounts adjusted, but monthly figures not adjusted, for voided benefit checks.⁷ Includes \$1,019,000 for 1947, \$3,331,000 for 1948, \$1,287,000 for 1949, and \$312,000 for 1950 paid to seamen under the Reconversion Unemployment Benefits for seamen program. Program expired June 30, 1950.

Source: Department of Labor, Bureau of Employment Security.

No. 282.—PLACEMENTS MADE BY PUBLIC EMPLOYMENT OFFICES: 1939 TO 1951

[Beginning 1950, includes Alaska, Hawaii and Puerto Rico. Full responsibility of Employment Service for Farm Placement Program terminated June 1943, resumed January 1, 1948]

YEAR AND MONTH	PLACEMENTS		MONTH	PLACEMENTS	
	Total	Nonagri-cultural		Total	Nonagri-cultural
1939.....	4,500,399	14,152,139	July.....	1,203,417	485,577
1940.....	5,226,712	3,661,040	August.....	1,541,130	623,605
1941.....	7,427,980	5,404,291	September.....	1,737,170	617,550
1942.....	10,220,967	6,919,892	October.....	2,228,038	612,101
1943.....	12,253,224	9,393,196	November.....	1,275,176	515,016
1944.....	12,219,113	11,446,000	December.....	643,040	420,973
1945.....	10,811,100	9,808,476			
1946.....	7,139,778	5,518,631	1951.....		
1947.....	6,328,100	5,279,979	January.....	573,606	485,788
1948.....	11,900,995	5,385,533	February.....	487,891	437,542
1949.....	13,508,400	4,442,554	March.....	570,497	512,671
1950.....	13,400,326	5,624,701	April.....	659,845	551,031
1951.....	15,328,383	6,552,034	May.....	1,343,230	610,200
			June.....	1,869,086	585,258
January.....	366,619	305,472	July.....	2,097,008	585,575
February.....	358,751	288,503	August.....	1,824,864	627,849
March.....	456,672	368,040	September.....	2,108,355	620,800
April.....	559,697	405,800	October.....	2,136,966	600,794
May.....	1,286,083	488,741	November.....	1,008,281	468,395
June.....	1,662,624	493,608	December.....	630,694	426,441

¹ Excludes forestry and fishing.

Source: Department of Labor, Bureau of Employment Security.

NO. 283.—NONAGRICULTURAL PLACEMENTS MADE BY PUBLIC EMPLOYMENT OFFICES,
BY SEX, AND VETERAN STATUS, BY STATES: 1951

QUARTER AND STATE	Total	SEX		VETERAN STATUS		PERCENT OF TOTAL	
		Male	Female	Veteran	Non-veteran	Male	Veteran
Total	6,552,034	4,085,081	2,466,953	1,527,387	5,024,647	62.3	23.3
QUARTER							
January-March.....	1,436,001	873,437	562,564	350,912	1,076,089	60.8	25.1
April-June.....	1,747,089	1,124,128	622,961	410,284	1,336,805	64.3	23.5
July-September.....	1,834,314	1,140,324	687,990	404,246	1,430,068	62.5	22.0
October-December.....	1,534,630	941,102	593,438	352,045	1,181,685	61.3	23.0
STATE							
Alabama.....	137,870	85,675	52,201	23,327	114,549	62.1	16.9
Arizona.....	53,327	38,156	15,171	14,052	38,675	71.6	27.5
Arkansas.....	127,172	89,379	37,793	30,146	97,026	70.3	23.9
California.....	470,241	313,930	155,311	148,377	330,864	65.5	31.0
Colorado.....	71,758	53,444	18,314	20,808	50,950	74.5	29.0
Connecticut.....	101,247	53,036	48,211	19,046	81,001	52.4	19.4
Delaware.....	15,535	8,253	7,282	2,304	13,231	53.1	14.8
Dist. of Columbia.....	52,574	27,143	25,431	10,769	41,805	51.6	20.5
Florida.....	182,038	107,205	74,833	41,245	140,793	58.9	22.7
Georgia.....	135,113	84,622	50,491	23,624	111,489	62.6	17.5
Idaho.....	39,128	30,345	8,783	17,033	22,095	77.6	43.5
Illinois.....	232,148	161,093	71,055	64,912	167,236	69.4	28.0
Indiana.....	120,849	73,671	47,178	20,129	91,720	61.0	24.1
Iowa.....	93,347	65,327	28,020	27,709	65,638	70.0	20.7
Kansas.....	115,209	87,676	27,533	31,879	83,330	76.1	27.7
Kentucky.....	34,363	21,453	12,910	7,611	26,752	62.4	22.1
Louisiana.....	90,069	63,716	32,353	24,958	71,111	66.3	26.0
Maine.....	36,192	21,282	14,910	8,273	27,919	58.8	22.9
Maryland.....	86,970	57,361	29,609	21,911	65,059	66.0	25.2
Massachusetts.....	209,842	102,743	107,099	41,991	167,851	40.0	20.0
Michigan.....	154,574	115,983	38,591	42,066	111,008	75.0	27.8
Minnesota.....	135,484	102,256	33,228	47,909	87,575	75.5	35.4
Mississippi.....	93,600	57,670	36,024	16,313	77,287	61.5	17.4
Missouri.....	168,012	108,814	59,198	36,839	131,173	64.8	21.9
Montana.....	36,172	29,850	6,322	12,711	23,461	82.5	35.1
Nebraska.....	66,397	54,050	12,347	12,127	44,270	81.4	33.3
Nevada.....	27,161	19,601	7,560	8,379	18,782	72.4	30.8
New Hampshire.....	21,704	14,132	7,572	5,039	16,665	65.1	23.2
New Jersey.....	144,153	65,092	79,061	20,400	123,753	45.2	14.2
New Mexico.....	72,212	61,839	10,373	20,333	51,879	85.6	28.2
New York.....	800,276	325,810	474,466	117,026	683,250	40.7	14.6
North Carolina.....	169,763	102,125	67,638	29,009	140,754	60.2	17.4
North Dakota.....	23,778	16,796	6,982	6,207	17,571	70.6	26.1
Ohio.....	362,238	259,405	102,833	90,506	269,732	71.6	26.7
Oklahoma.....	163,876	111,689	42,290	44,646	100,233	72.5	29.0
Oregon.....	92,272	71,732	20,540	32,733	59,539	77.7	35.5
Pennsylvania.....	245,382	127,343	118,039	50,304	195,078	51.9	20.5
Rhode Island.....	31,247	12,281	18,966	4,253	26,994	39.3	13.6
South Carolina.....	105,990	73,357	32,633	20,484	85,506	69.2	19.8
South Dakota.....	20,634	16,335	4,299	6,198	14,436	79.2	30.0
Tennessee.....	140,180	86,933	53,247	39,847	100,333	62.0	28.4
Texas.....	595,482	394,884	200,598	127,035	467,847	60.3	21.4
Utah.....	54,031	39,717	14,314	17,036	36,995	73.5	32.6
Vermont.....	10,408	7,010	3,398	2,875	7,533	67.4	27.6
Virginia.....	95,790	52,194	43,605	13,052	82,747	54.5	13.6
Washington.....	102,994	81,661	21,333	29,456	73,538	79.3	20.7
West Virginia.....	39,764	15,725	15,029	6,058	24,696	51.1	19.7
Wisconsin.....	129,650	80,478	49,181	26,853	102,806	62.1	20.7
Wyoming.....	15,530	12,386	3,144	4,709	10,821	79.8	30.3
Alaska.....	11,362	7,570	3,792	2,970	8,392	66.6	28.1
Hawaii.....	12,853	10,048	2,805	2,614	10,239	78.2	20.3
Puerto Rico.....	7,824	4,828	2,996	2,268	5,556	61.7	29.0
Virgin Islands.....	232	111	121	8	224	47.8	3.4

**No. 284.—NONAGRICULTURAL PLACEMENTS MADE BY PUBLIC EMPLOYMENT OFFICES,
BY SEX, VETERAN STATUS, AND INDUSTRY DIVISION: 1951**

INDUSTRY DIVISION	Total	SEX		VETERAN STATUS	
		Male	Female	Veteran	Non-veteran
All industries.....	6,552,034	4,085,081	2,466,953	1,527,387	5,024,647
Forestry and fishing.....	13,906	13,115	791	4,716	9,190
Mining.....	46,070	43,310	2,760	16,877	29,193
Construction.....	717,121	705,739	11,382	243,896	473,225
Manufacturing.....	2,007,548	1,285,927	721,621	480,254	1,627,294
Transportation, communication, and other public utilities.....	370,078	343,426	26,652	143,076	227,002
Wholesale and retail trade.....	1,300,260	831,865	468,395	311,458	988,802
Finance, insurance, and real estate.....	69,391	41,036	48,355	14,883	74,508
Service.....	1,768,360	642,979	1,115,371	217,706	1,540,654
Domestic.....	1,137,755	278,963	858,792	86,700	1,051,055
Government.....	242,621	171,831	70,790	92,725	149,896
Establishments, n. e. c.....	6,089	5,823	896	1,796	4,893
PERCENTAGE DISTRIBUTION BY INDUSTRY DIVISION					
Total.....	100.0	100.0	100.0	100.0	100.0
Forestry and fishing.....	.2	.3	(1)	.3	.2
Mining.....	.7	1.1	.1	1.1	.6
Construction.....	10.9	17.3	.5	16.0	9.4
Manufacturing.....	30.8	31.5	29.3	31.3	30.2
Transportation, communication, and other public utilities.....	5.6	8.4	1.1	9.4	4.5
Wholesale and retail trade.....	19.8	20.4	19.0	20.4	20.0
Finance, insurance, and real estate.....	1.4	1.0	2.0	1.0	1.5
Service.....	26.8	15.7	45.1	14.3	30.5
Domestic.....	17.4	6.8	34.8	5.7	20.9
Government.....	3.7	4.2	2.9	6.1	3.0
Establishments, n. e. c.....	.1	.1	(1)	.1	.1
PERCENTAGE DISTRIBUTION BY SEX AND VETERAN STATUS					
Total.....	100.0	62.3	37.7	23.3	76.7
Forestry and fishing.....	100.0	94.3	5.7	33.9	66.1
Mining.....	100.0	94.0	6.0	36.6	63.4
Construction.....	100.0	98.4	1.6	34.0	66.0
Manufacturing.....	100.0	64.1	35.9	23.9	76.1
Transportation, communication, and other public utilities.....	100.0	92.8	7.2	38.7	61.3
Wholesale and retail trade.....	100.0	64.0	36.0	24.0	76.0
Finance, insurance, and real estate.....	100.0	45.9	54.1	16.8	83.4
Service.....	100.0	36.6	63.4	12.4	87.6
Domestic.....	100.0	24.5	75.5	7.6	92.4
Government.....	100.0	70.8	29.2	38.2	61.8
Establishments, n. e. c.....	100.0	87.1	12.9	26.9	73.1

¹ Less than 0.05 percent.

Source: Department of Labor, Bureau of Employment Security.

**No. 285.—NONAGRICULTURAL PLACEMENTS MADE BY PUBLIC EMPLOYMENT OFFICES,
BY MAJOR OCCUPATIONAL GROUP: 1948 TO 1951**

[See headnote, table 282]

OCCUPATIONAL GROUP	1948	1949	1950	1951
All occupations.....	5,385,533	4,442,554	5,624,701	6,552,034
Professional and managerial.....	61,052	52,401	60,972	87,454
Clerical and sales.....	607,783	542,254	694,915	768,479
Service.....	1,354,281	1,338,240	1,513,037	1,768,047
Skilled.....	365,544	289,643	400,073	428,807
Semiskilled.....	697,933	567,388	741,598	836,650
Unskilled and other.....	2,298,940	1,652,568	2,208,106	2,684,291

Source: Department of Labor, Bureau of Employment Security.

No. 286.—RAILROAD EMPLOYEES AND RAILROAD RETIREMENT AND SURVIVOR BENEFITS, BY CLASS: 1940 TO 1951

ITEM	1940	1945	1946	1947	1948	1949	1950	1951
Number of employees (1,000)-----	1,703	3,010	2,654	2,471	2,316	2,090	2,034	(¹)
NUMBER OF BENEFITS								
Monthly benefits awarded, total -----	23,817	24,213	27,670	124,019	81,050	63,154	62,474	56,709
Retirement annuities and pensions-----	22,180	23,242	26,771	43,874	32,930	36,020	35,815	² 33,531
Survivor benefits-----	1,637	871	899	80,145	48,120	27,134	26,659	23,178
Monthly benefits terminated, total -----	13,343	14,770	15,493	27,219	28,232	31,340	34,316	34,973
Retirement annuities and pensions-----	12,212	13,915	14,705	23,581	18,344	20,164	21,293	² 21,560
Survivor benefits-----	1,131	855	788	3,638	9,888	11,176	13,023	13,413
Monthly benefits in current-payment status, total -----	149,241	177,289	189,553	290,160	345,408	370,071	396,797	416,786
Retirement annuities and pensions-----	145,978	172,875	185,038	211,566	226,053	241,627	255,065	² 267,092
Survivor benefits-----	3,263	4,414	4,515	78,594	119,355	128,444	141,732	149,694
Lump-sum death benefits awarded, total -----	13,378	20,381	18,709	16,253	28,051	33,205	34,938	20,716
AMOUNT OF BENEFITS (\$1,000)								
Total -----	118,111	147,050	160,132	202,449	253,566	291,630	310,845	² 330,976
Retirement annuities and pensions-----	114,166	137,140	149,180	177,053	208,642	240,894	254,240	² 268,733
Survivor benefits:								
Monthly-----	1,448	1,772	1,817	19,283	36,011	39,257	43,884	49,527
Lump-sum-----	2,497	8,138	9,127	6,114	8,914	11,480	12,722	12,716

¹ Not available.² Includes annuities to spouses of retired employees which became payable Nov. 1, 1951.Source: Railroad Retirement Board. Data are published on a fiscal-year basis in *Annual Report* and currently in *The Monthly Review*.

No. 287.—RAILROAD UNEMPLOYMENT AND SICKNESS BENEFITS—SUMMARY OF OPERATIONS THROUGH JUNE 1951

FISCAL YEAR	Applica- tions re- ceived ¹	Claims received	BENEFIT PAYMENTS		Amount of benefits (in thou- sands) ²	Accounts opened	Accounts exhausted
			Number	Average amount			
UNEMPLOYMENT BENEFITS							
1939-40-----	210,823	1,441,213	(³)	(³)	\$14,810	160,735	20,208
1940-41-----	181,157	1,257,822	(³)	(³)	17,690	162,164	26,682
1941-42-----	90,151	617,394	450,608	\$19.86	8,890	75,984	11,368
1942-43-----	21,816	100,826	80,584	22.22	1,753	16,061	2,512
1943-44-----	6,839	27,495	21,587	26.44	547	4,700	434
1944-45-----	8,959	34,874	27,547	26.47	728	5,792	686
1945-46-----	201,112	847,000	731,435	28.01	20,517	166,502	15,388
1946-47-----	256,900	1,763,264	1,585,995	29.41	46,617	267,708	47,639
1947-48-----	266,671	1,346,674	1,145,940	28.57	82,427	197,132	22,469
1948-49-----	346,795	1,706,112	1,531,124	30.70	49,745	271,550	20,391
1949-50-----	562,294	3,730,733	3,475,121	32.72	113,769	464,125	83,131
1950-51-----	233,403	1,027,727	911,677	27.53	24,780	171,287	16,733
SICKNESS BENEFITS (IN- CLUDING MATERNITY BEN- EFITS)							
1947-48-----	234,926	799,903	734,276	⁴ 39.02	26,604	150,390	15,957
1948-49-----	213,570	921,918	873,464	⁴ 39.57	29,823	165,850	20,627
1949-50-----	197,023	896,024	851,780	⁴ 40.36	29,487	151,376	22,107
1950-51-----	185,671	825,905	782,883	⁴ 40.08	27,003	141,486	21,806

¹ 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 1947-48, data include some applications submitted in June with respect to following year.² Adjusted for settlement of underpayments and recovery of overpayments.³ Not reported on comparable basis.⁴ Excluding maternity benefits.Source: Railroad Retirement Board, *Annual Report*. Data published currently in *The Monthly Review*.

No. 288.—RAILROAD RETIREMENT, SURVIVOR, UNEMPLOYMENT, AND SICKNESS
BENEFITS, BY STATE OF RESIDENCE OF BENEFICIARY: 1951

[In thousands. Retirement and survivor payment distributions based on preliminary estimates]

STATE	Total	Retire- ment	Survivor	Unem- ployment	Sickness (including maternity)
Total	\$377, 490	\$268, 733	\$62, 243	\$20, 217	\$26, 297
Alabama.....	5, 082	3, 368	905	430	379
Arizona.....	2, 170	1, 399	244	336	192
Arkansas.....	3, 963	2, 911	550	200	301
California.....	25, 489	18, 701	3, 623	1, 403	1, 761
Colorado.....	4, 746	3, 469	679	302	296
Connecticut.....	2, 383	1, 591	513	50	228
Delaware.....	1, 378	1, 047	235	17	79
District of Columbia.....	1, 161	697	282	45	127
Florida.....	8, 627	6, 882	900	504	280
Georgia.....	6, 247	4, 206	1, 084	406	552
Idaho.....	1, 438	905	259	158	115
Illinois.....	28, 489	19, 569	5, 012	1, 446	2, 462
Indiana.....	13, 531	10, 296	2, 126	405	703
Iowa.....	8, 488	6, 408	1, 390	299	391
Kansas.....	7, 743	5, 697	1, 276	340	621
Kentucky.....	8, 291	6, 020	1, 323	384	563
Louisiana.....	4, 033	2, 641	760	269	361
Maine.....	2, 176	1, 654	361	112	149
Maryland.....	6, 032	4, 299	1, 188	126	419
Massachusetts.....	6, 723	4, 350	1, 480	349	534
Michigan.....	9, 797	7, 122	1, 614	414	647
Minnesota.....	10, 860	7, 420	1, 727	903	816
Mississippi.....	3, 334	2, 350	500	302	183
Missouri.....	13, 089	9, 083	1, 950	1, 105	952
Montana.....	2, 478	1, 697	340	216	225
Nebraska.....	4, 403	3, 207	672	211	313
Nevada.....	729	494	116	63	66
New Hampshire.....	1, 333	993	217	98	86
New Jersey.....	11, 231	8, 208	2, 058	249	716
New Mexico.....	1, 846	979	328	410	129
New York.....	28, 710	19, 156	5, 129	2, 082	2, 344
North Carolina.....	4, 218	2, 750	832	268	360
North Dakota.....	1, 329	826	215	188	105
Ohio.....	24, 499	18, 205	4, 023	747	1, 524
Oklahoma.....	3, 333	2, 380	463	291	228
Oregon.....	4, 042	3, 107	498	160	277
Pennsylvania.....	41, 950	30, 768	6, 947	1, 541	2, 824
Rhode Island.....	824	530	152	63	70
South Carolina.....	2, 235	1, 493	447	179	166
South Dakota.....	1, 124	701	167	184	72
Tennessee.....	7, 809	5, 554	1, 261	539	456
Texas.....	13, 659	9, 577	2, 314	732	1, 036
Utah.....	2, 009	1, 374	407	170	148
Vermont.....	1, 106	811	186	62	48
Virginia.....	9, 091	6, 526	1, 688	230	647
Washington.....	6, 424	4, 786	910	365	393
West Virginia.....	6, 120	4, 295	1, 027	335	462
Wisconsin.....	7, 820	5, 056	1, 265	456	444
Wyoming.....	1, 235	890	211	71	63
Outside continental United States.....	2, 497	1, 867	424	100	97

Source: Railroad Retirement Board. Data published on fiscal-year basis in *Annual Report*.

No. 289.—WORKMEN'S COMPENSATION PAYMENTS, BY STATES: 1941 TO 1950

[Estimated by Social Security Administration. Payments represent cash and medical benefits and include insurance losses paid by private insurance carriers (compiled from the *Spectator*), net disbursements of State funds (from *Spectator*, *Argus Casualty and Surety Chart*, 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, for a few States with State funds, and for 1949 and 1950 figures for Montana and Virginia. Includes benefit payments under Longshoremen's and Harbor Workers' Compensation Act and Defense Base Compensation Act for States in which such payments are made]

[In thousands of dollars]

STATE	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950 ¹
Total	291,318	330,492	355,862	386,628	410,828	435,213	487,400	537,202	569,838	618,489
Alabama.....	1,732	2,083	3,120	2,644	2,648	2,278	2,377	2,587	2,059	2,137
Arizona.....	1,975	2,639	3,297	3,478	3,865	4,133	5,328	7,450	8,218	7,500
Arkansas.....	870	1,917	2,267	2,394	2,379	2,018	3,100	3,149	3,501	3,705
California.....	23,696	26,081	32,024	37,881	40,268	40,091	45,067	50,636	52,672	57,070
Colorado.....	2,621	2,632	2,475	2,254	2,285	2,289	2,640	2,056	3,154	3,568
Connecticut.....	4,394	5,515	6,106	6,760	7,202	7,764	8,814	9,244	9,438	9,500
Delaware.....	398	442	473	417	438	494	540	627	670	720
Dist. of Col.....	1,484	1,490	1,379	1,286	1,193	1,382	1,672	1,072	2,279	2,360
Florida.....	2,384	2,719	3,407	3,727	4,193	4,571	5,356	6,402	6,815	7,418
Georgia.....	1,837	2,060	2,531	2,896	2,021	2,831	3,227	3,601	3,806	4,287
Idaho.....	1,325	1,340	1,435	1,240	1,193	1,317	1,490	1,822	1,920	1,960
Illinois.....	10,363	18,379	20,694	22,710	23,457	23,507	26,990	30,219	29,941	31,370
Indiana.....	4,692	5,456	6,498	6,482	6,025	7,012	7,972	8,593	8,094	8,620
Iowa.....	2,100	2,464	2,464	2,356	2,666	3,154	3,184	3,061	4,192	4,985
Kansas.....	1,863	2,015	3,135	2,087	2,977	2,081	3,113	3,082	3,082	4,260
Kentucky.....	3,804	4,716	5,211	5,508	5,716	5,207	6,171	6,242	6,608	6,767
Louisiana.....	3,650	4,868	5,513	6,382	6,952	6,960	8,122	9,139	9,916	11,400
Maine.....	1,216	1,628	1,847	2,206	2,224	2,055	2,046	1,966	1,854	1,600
Maryland.....	3,236	4,031	5,088	5,421	5,853	5,893	5,921	6,379	6,606	6,920
Massachusetts.....	8,491	9,555	10,120	11,406	11,771	15,149	17,750	19,516	20,916	24,100
Michigan.....	10,398	11,211	12,423	13,701	14,790	16,608	18,797	20,079	20,007	23,243
Minnesota.....	4,147	4,546	5,288	5,460	5,853	6,561	7,063	8,630	9,302	9,662
Mississippi.....	18	23	34	23	34	76	75	95	1,383	2,420
Missouri.....	4,956	6,051	5,711	7,724	8,365	8,908	8,848	9,777	10,170	10,520
Montana.....	2,270	2,127	1,904	1,943	2,003	1,861	1,972	2,353	2,422	2,544
Nebraska.....	925	1,151	1,440	1,220	1,334	1,601	1,726	1,087	2,178	2,390
Nevada.....	931	1,024	1,190	1,197	1,046	1,082	1,176	1,340	1,571	1,500
New Hampshire.....	786	933	950	960	1,002	1,250	1,339	1,550	1,546	1,670
New Jersey.....	15,138	17,689	19,612	21,835	21,961	20,339	26,208	27,200	27,081	29,010
New Mexico.....	637	944	901	676	652	803	1,115	1,303	1,760	2,330
New York.....	59,117	62,878	61,061	67,866	75,092	84,232	80,122	100,139	112,051	119,188
North Carolina.....	2,604	3,010	3,258	3,476	3,542	4,201	5,027	5,791	5,812	6,430
North Dakota.....	636	747	685	731	743	771	854	891	1,000	1,100
Ohio.....	19,407	23,471	22,617	23,064	25,603	27,369	32,938	35,494	38,065	40,000
Oklahoma.....	3,185	3,797	4,505	5,098	5,456	5,842	6,243	6,998	7,525	8,044
Oregon.....	4,863	4,822	5,145	5,679	5,606	5,567	5,911	6,875	7,923	8,983
Pennsylvania.....	24,596	25,197	25,029	24,248	24,552	26,318	27,000	28,907	29,138	30,830
Rhode Island.....	1,649	2,402	3,210	4,330	5,449	5,361	4,208	3,730	3,516	3,800
South Carolina.....	1,889	2,427	2,702	2,779	2,813	3,024	3,753	3,923	3,968	4,000
South Dakota.....	288	339	309	315	355	434	518	686	802	950
Tennessee.....	2,190	2,931	3,480	3,896	4,027	3,750	4,084	4,406	4,721	5,429
Texas.....	10,355	12,996	14,669	17,192	18,218	20,445	23,497	28,133	30,437	33,380
Utah.....	1,273	1,575	1,673	1,475	1,312	1,475	1,670	1,657	1,781	1,880
Vermont.....	440	489	462	544	522	627	750	750	842	900
Virginia.....	2,874	3,598	3,587	3,343	3,361	3,794	4,481	5,067	5,256	5,640
Washington.....	6,167	7,062	8,245	8,986	9,088	10,810	11,862	14,147	14,656	14,770
West Virginia.....	6,066	6,820	7,466	7,598	7,736	7,926	8,296	8,800	9,423	9,632
Wisconsin.....	6,466	7,223	7,888	8,673	9,162	9,903	10,665	11,881	12,362	13,556
Wyoming.....	422	411	442	521	503	579	720	878	930	1,011
Federal employ- ees.....	12,470	10,562	11,065	11,623	13,163	10,881	14,566	13,672	14,210	23,370

¹ Preliminary estimate.Source: Federal Security Agency, Social Security Administration, Division of Research and Statistics. Preliminary estimates appear periodically in *Social Security Bulletin*.

No. 290.—PUBLIC ASSISTANCE—FEDERAL GRANTS TO STATES FOR PUBLIC ASSISTANCE, 1949, 1950, and 1951, AND BY STATES AND TERRITORIES, 1951

[In thousands. Advances certified from appropriations in specified fiscal year]

FISCAL YEAR AND STATE	Total	Old-age assistance	Aid to dependent children	Aid to the blind	Aid to the permanently and totally disabled ¹
1948-49.....	\$927,897	\$718,012	\$189,415	\$20,470	-----
1949-50.....	1,091,931	820,275	248,208	23,440	-----
1950-51.....	1,201,657	836,733	318,179	20,578	\$20,167
Alabama.....	23,281	15,608	5,918	319	1,430
Arizona.....	7,980	5,034	2,619	327	-----
Arkansas.....	25,136	15,802	7,302	533	-----
California.....	137,123	100,968	32,142	4,013	-----
Colorado.....	20,574	17,280	3,001	136	157
Connecticut.....	10,616	7,397	3,111	108	-----
Delaware.....	936	424	413	75	24
District of Columbia.....	2,526	924	1,359	87	150
Florida.....	34,302	21,044	12,166	1,092	-----
Georgia.....	20,515	21,762	7,082	671	-----
Idaho.....	5,204	3,636	1,409	69	90
Illinois.....	51,771	36,845	13,381	1,427	118
Indiana.....	21,943	15,107	6,204	631	-----
Iowa.....	19,394	16,117	2,835	441	-----
Kansas.....	17,243	13,396	2,813	229	805
Kentucky.....	21,630	12,884	8,260	506	-----
Louisiana.....	50,929	41,303	11,747	573	3,306
Maine.....	7,589	4,990	2,371	220	-----
Maryland.....	7,564	3,422	3,703	155	284
Massachusetts.....	48,052	39,176	8,340	536	-----
Michigan.....	45,715	31,407	13,453	632	223
Minnesota.....	22,281	17,492	4,399	391	-----
Mississippi.....	14,327	11,167	2,512	614	44
Missouri.....	56,623	43,446	11,509	(2) 614	1,008
Montana.....	6,161	4,264	1,373	227	297
Nebraska.....	9,868	7,691	1,911	267	-----
Nevada.....	1,037	1,037	(2)	(2)	-----
New Hampshire.....	3,453	2,414	933	106	-----
New Jersey.....	11,255	7,872	3,084	299	-----
New Mexico.....	6,043	3,084	2,616	159	184
New York.....	80,195	40,353	31,285	1,501	7,055
North Carolina.....	20,494	12,576	6,354	1,246	318
North Dakota.....	4,109	2,916	1,078	42	72
Ohio.....	49,692	39,512	8,476	1,344	360
Oklahoma.....	43,141	32,225	10,027	890	-----
Oregon.....	10,852	8,043	2,208	142	369
Pennsylvania.....	52,784	24,040	25,633	1,572	630
Rhode Island.....	5,113	3,125	1,928	60	-----
South Carolina.....	11,973	8,956	2,171	368	478
South Dakota.....	5,012	3,669	1,275	68	-----
Tennessee.....	28,296	16,585	10,911	800	-----
Texas.....	70,480	59,320	8,982	1,977	-----
Utah.....	5,632	3,223	1,904	73	433
Vermont.....	2,502	1,933	487	56	27
Virginia.....	8,915	4,201	3,871	404	439
Washington.....	33,195	26,027	6,257	301	600
West Virginia.....	15,559	6,202	8,981	281	95
Wisconsin.....	22,123	16,346	4,987	501	289
Wyoming.....	2,103	1,595	377	38	93
Alaska.....	895	570	325	(3)	-----
Hawaii.....	3,048	659	2,286	36	66
Puerto Rico.....	1,419	751	607	22	40
Virgin Islands.....	54	35	14	3	2

¹ Program initiated in October 1950 under Public Law 734.

² No approved plan in operation.

³ Alaska does not administer aid to the blind.

Source: Federal Security Agency, Social Security Administration, Bureau of Public Assistance; *Annual Report of the Federal Security Agency*.

PUBLIC ASSISTANCE

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No. 291.—PUBLIC ASSISTANCE—RECIPIENTS AND PAYMENTS, BY STATES AND TERRITORIES: 1951

STATE AND TERRITORY	RECIPIENTS OF ASSISTANCE, JUNE 1951						
	Old-age assistance	Aid to dependent children			Aid to the blind	Aid to the permanently and totally disabled	General assistance
		Families	Total recipi- ents ¹	Children			
Total	2,745,285	632,649	2,171,426	1,617,893	297,024	104,230	335,000
Alabama.....	80,723	18,659	64,505	51,594	1,563	8,488	89
Arizona.....	14,126	4,055	15,258	11,417	833	-----	1,261
Arkansas.....	63,326	15,617	54,684	41,719	1,049	-----	2,520
California.....	274,490	57,219	175,971	131,349	211,201	-----	30,644
Colorado.....	62,099	5,450	19,997	15,048	355	2,163	2,394
Connecticut.....	19,875	5,535	18,059	13,000	302	-----	3,703
Delaware.....	1,582	711	2,728	2,082	202	100	916
District of Columbia.....	2,840	2,118	8,484	6,518	261	890	933
Florida.....	69,323	28,876	94,686	70,958	3,322	-----	5,000
Georgia.....	101,684	19,373	63,580	40,113	2,868	-----	3,299
Idaho.....	11,025	2,371	8,102	5,931	207	627	239
Illinois.....	115,701	23,107	81,294	60,089	4,168	1,348	28,710
Indiana.....	48,727	10,067	33,162	24,448	1,812	-----	8,476
Iowa.....	48,862	5,242	18,289	13,587	1,263	-----	3,170
Kansas.....	38,405	4,787	10,834	12,653	646	2,552	2,317
Kentucky.....	67,018	23,228	81,680	59,020	2,476	-----	2,637
Louisiana.....	118,713	23,904	85,763	63,378	1,882	14,884	5,053
Maine.....	15,054	4,554	15,897	11,570	646	-----	3,225
Maryland.....	11,488	6,028	23,090	17,520	487	2,150	8,845
Massachusetts.....	101,572	13,276	43,749	32,064	1,571	-----	18,065
Michigan.....	95,722	25,108	81,107	57,636	1,853	712	19,101
Minnesota.....	55,016	7,880	26,610	20,151	1,148	-----	5,425
Mississippi.....	59,098	10,693	39,447	30,520	2,769	454	905
Missouri.....	131,748	23,833	80,705	59,196	2,767	8,015	10,999
Montana.....	11,713	2,444	8,473	6,228	546	-----	634
Nebraska.....	22,696	3,358	10,823	8,055	736	-----	1,375
Nevada.....	2,769	27	94	87	37	-----	560
New Hampshire.....	7,104	1,606	5,425	3,945	312	-----	1,167
New Jersey.....	23,227	5,224	17,482	13,248	781	-----	8,034
New Mexico.....	10,676	5,587	10,374	14,694	523	1,364	677
New York.....	115,210	54,289	181,092	128,952	4,029	24,682	54,986
North Carolina.....	61,447	10,449	50,959	45,978	4,454	2,626	2,520
North Dakota.....	9,022	1,792	6,576	4,968	110	399	430
Ohio.....	119,910	14,666	53,716	40,278	3,834	2,628	20,216
Oklahoma.....	98,128	21,873	72,949	55,321	2,619	-----	7,500
Oregon.....	23,180	4,079	13,471	10,088	396	1,419	8,804
Pennsylvania.....	79,740	39,302	140,007	103,582	215,311	14,994	20,687
Rhode Island.....	9,768	3,316	11,109	7,982	177	32	4,030
South Carolina.....	42,870	6,700	24,950	19,254	1,006	2,319	3,147
South Dakota.....	12,069	2,597	8,470	6,301	220	-----	855
Tennessee.....	64,852	22,002	81,501	61,165	2,747	-----	2,068
Texas.....	221,814	19,015	73,070	54,339	6,093	-----	7,100
Utah.....	9,836	3,091	10,791	8,061	214	1,569	1,192
Vermont.....	6,891	1,042	3,618	2,811	179	-----	1,000
Virginia.....	19,575	8,372	31,030	23,470	1,519	1,751	3,862
Washington.....	70,004	10,890	35,895	25,879	846	4,905	5,866
West Virginia.....	25,886	17,351	64,016	46,315	1,079	462	4,940
Wisconsin.....	52,075	8,784	29,761	21,957	1,374	764	4,848
Wyoming.....	4,316	611	2,175	1,615	90	464	105
Alaska.....	1,601	654	2,172	1,573	-----	-----	70
Hawaii.....	2,316	3,370	12,654	9,797	115	785	2,854
Puerto Rico.....	17,677	11,519	36,486	27,063	467	-----	5,801
Virgin Islands.....	627	170	546	494	50	24	224

¹ Includes children and 1 parent or other adult relative in families in which requirements of at least 1 such adult were considered in determining amount of assistance.

² Includes 569 recipients of aid to partially self-supporting blind in California and 20 in Washington and payments to recipients; such payments are made without Federal participation. For Pennsylvania includes payments made without Federal participation. In June recipients of these payments numbered about 5,100.

³ Partly estimated; total not as large as sum of State figures because of adjustment for 2 States. See footnote 7.

⁴ Excludes some cases and local funds not administered by State agency. ⁵ Estimated.

⁶ Excludes cases receiving assistance in kind only and, for a few counties, cases receiving cash payments.

⁷ Includes unknown number of cases receiving medical care, hospitalization, or burial only.

⁸ Represents program administered without Federal participation.

⁹ Excludes estimated duplication between programs; 1,544 cases were aided by county commissioners and 6,676 cases under program administered by State Board of Public Welfare.

No. 291.—PUBLIC ASSISTANCE—RECIPIENTS AND PAYMENTS, BY STATES AND TERRITORIES: 1951—Continued

STATE AND TERRITORY	ASSISTANCE TO RECIPIENTS INCLUDING VENDOR PAYMENTS FOR MEDICAL CARE, FISCAL YEAR 1951 (THOUSANDS OF DOLLARS)					
	Total	Old-age assistance	Aid to dependent children	Aid to the blind	Aid to the permanently and totally disabled	General assistance
Total	2,409,142	1,472,617	567,685	254,372	32,506	281,961
Alabama.....	20,344	19,804	7,156	400	1,548	837
Arizona.....	14,252	8,759	4,238	616	.....	639
Arkansas.....	29,733	20,053	8,392	712	.....	1,576
California.....	323,600	222,470	72,022	10,694	.....	18,504
Colorado.....	55,469	45,256	5,777	.....	227	3,952
Connecticut.....	29,658	16,611	8,031	255	.....	4,160
Delaware.....	1,738	663	604	105	21	445
District of Columbia.....	4,768	1,454	2,158	143	276	738
Florida.....	50,716	31,547	16,604	1,656	.....	1,900
Georgia.....	40,523	29,150	9,755	959	.....	659
Idaho.....	9,999	6,162	2,961	129	149	598
Illinois.....	120,953	69,743	27,213	2,520	231	10 24,245
Indiana.....	39,245	25,211	9,407	975	.....	3,651
Iowa.....	38,216	29,023	5,418	893	.....	2,882
Kansas.....	33,183	23,111	4,757	408	1,016	3,391
Kentucky.....	28,914	19,625	10,723	692	.....	874
Louisiana.....	92,517	66,878	16,196	979	4,435	4,020
Maine.....	14,921	7,881	3,684	350	.....	2,996
Maryland.....	14,464	5,305	5,930	240	295	2,685
Massachusetts.....	112,739	78,047	18,029	1,229	.....	15,434
Michigan.....	101,274	54,063	27,577	1,134	107	18,394
Minnesota.....	49,225	34,480	8,820	774	.....	5,150
Mississippi.....	17,809	13,079	2,868	826	32	104
Missouri.....	93,530	68,927	15,052	1,360	2,370	5,211
Montana.....	12,255	7,470	2,373	372	299	1,741
Nebraska.....	18,001	13,731	3,599	517	.....	753
Nevada.....	2,573	1,738	1,13	83	.....	1,798
New Hampshire.....	7,922	4,684	2,212	215	.....	912
New Jersey.....	26,795	16,549	5,030	502	.....	6,705
New Mexico.....	9,255	4,562	3,616	218	248	611
New York.....	238,987	84,513	74,955	3,212	13,267	11 60,741
North Carolina.....	23,771	16,500	8,465	1,753	165	1,888
North Dakota.....	8,600	5,551	2,278	73	94	695
Ohio.....	101,730	68,082	12,994	2,165	491	17,997
Oklahoma.....	71,146	54,637	15,573	1,567	.....	1,379
Oregon.....	26,346	15,014	4,913	1,302	636	5,481
Pennsylvania.....	123,054	41,146	49,282	7,595	2,017	23,065
Rhode Island.....	13,445	5,509	3,750	119	2	4,065
South Carolina.....	16,296	11,892	2,707	497	519	681
South Dakota.....	8,237	5,808	1,993	98	.....	337
Tennessee.....	39,592	23,969	14,047	1,222	.....	354
Texas.....	192,415	88,552	10,046	2,704	.....	1,113
Utah.....	10,899	5,520	3,688	126	735	741
Vermont.....	4,173	2,979	671	87	16	420
Virginia.....	12,266	5,148	4,923	549	478	1,167
Washington.....	91,073	54,604	15,837	757	1,858	18,017
West Virginia.....	24,059	8,510	12,480	398	38	2,633
Wisconsin.....	47,799	30,370	11,284	860	601	4,683
Wyoming.....	4,386	2,921	726	67	170	503
Alaska.....	1,655	1,100	510	.....	.....	45
Hawaii.....	8,016	942	3,904	50	155	2,996
Puerto Rico.....	2,503	1,167	834	34	.....	469
Virgin Islands.....	105	59	22	5	3	18

* Includes 569 recipients of aid to partially self-supporting blind in California and 20 in Washington and payments to recipients; such payments are made without Federal participation. For Pennsylvania includes payments made without Federal participation. In June recipients of these payments numbered about 5,100.

¹ Excludes some cases and local funds not administered by State agency. ² Estimated.

³ Represents program administered without Federal participation.

¹⁰ Includes unknown amount expended for administration of vendor payments for medical care.

¹¹ Includes both money payments to recipients and payments to vendors for medical care.

Source: Federal Security Agency, Social Security Administration, Bureau of Public Assistance, *Annual Report of the Federal Security Agency*. Data appear periodically in *Social Security Bulletin* and *Source of Funds for Public Assistance Payments*.

No. 292.—PUBLIC ASSISTANCE—RECIPIENTS AND PAYMENTS: 1945 TO 1951

[Partly estimated; subject to revision. Data through Sept. 1950 cover continental U. S., Alaska and Hawaii; thereafter, include Puerto Rico and Virgin Islands. Recipients for December; payments for calendar years]

PROGRAM	1945	1946	1947	1948	1949	1950	1951
NUMBER OF RECIPIENTS (THOUSANDS)							
Old-age assistance.....	2,056	2,196	2,332	2,498	2,736	2,786	2,701
Aid to dependent children:							
Families.....	274	346	410	475	599	651	592
Recipients ¹						2,233	2,041
Children.....	701	885	1,060	1,214	1,521	1,661	1,523
Aid to the blind.....	71	77	81	86	93	97	97
Aid to the permanently and totally disabled.....						289	124
Cases receiving general assistance.....	257	315	356	398	502	413	325
PAYMENTS (THOUSANDS OF DOLLARS)							
Total assistance.....	989,686	1,182,594	1,485,759	1,736,985	2,186,543	2,369,324	2,291,268
Old-age assistance.....	726,650	822,061	989,716	1,132,004	1,380,398	1,461,624	1,433,989
Aid to dependent children.....	149,667	208,867	294,961	364,100	476,301	551,653	552,888
Aid to the blind.....	26,557	30,748	36,253	41,382	48,532	52,698	54,535
Aid to the permanently and totally disabled.....						27,967	54,608
General assistance.....	86,612	120,928	164,830	168,838	282,252	295,383	195,247

¹ Includes children and 1 parent or other adult in families in which adult was considered in determining amount of assistance.

² Program initiated in October 1950.

Source: Federal Security Agency, Social Security Administration, Bureau of Public Assistance.

No. 293.—MATERNAL AND CHILD-HEALTH SERVICES: 1946 TO 1950

[Services administered or supervised by State health agencies under Social Security Act. Subject to revision]

TYPE OF SERVICE	NUMBER REPORTED				
	1946	1947	1948	1949	1950
MEDICAL SERVICES					
Maternity service:					
Cases admitted to antepartum medical service.....	130,009	151,117	162,774	168,234	175,270
Visits by antepartum cases to medical conferences.....	382,304	465,807	468,032	510,681	524,864
Cases given postpartum medical examination.....	31,737	40,391	44,534	55,915	59,485
Infant hygiene:					
Individuals admitted to medical service.....	187,045	245,514	263,819	294,998	302,892
Visits to medical conferences.....	556,956	741,543	762,110	864,735	826,626
Preschool hygiene:					
Individuals admitted to medical service.....	275,960	320,263	379,472	398,582	420,334
Visits to medical conferences.....	665,669	820,617	744,681	830,245	831,752
School hygiene:					
Examinations by physicians.....	1,605,208	1,877,951	2,071,829	2,299,392	2,222,554
PUBLIC-HEALTH NURSING SERVICES					
Maternity service:					
Cases admitted to antepartum nursing service.....	233,203	227,073	228,695	242,115	258,367
Field and office visits to and by antepartum cases.....	624,240	646,066	626,818	639,522	649,247
Cases given nursing service at delivery.....	5,018	6,153	6,710	6,164	4,881
Cases admitted to postpartum nursing service.....	203,489	214,745	223,314	242,932	246,223
Nursing visits to postpartum cases.....	433,889	449,060	458,032	506,169	509,468
Infant hygiene:					
Individuals admitted to nursing service.....	461,480	516,374	530,183	552,489	536,815
Field and office nursing visits.....	1,290,745	1,482,933	1,471,616	1,538,869	1,540,454
Preschool hygiene:					
Individuals admitted to nursing service.....	495,465	494,883	541,536	577,120	560,150
Field and office nursing visits.....	1,167,002	1,188,246	1,273,197	1,369,016	1,406,966
School hygiene:					
Field and office nursing visits.....	2,214,855	2,199,012	2,427,199	2,672,085	2,893,610
IMMUNIZATIONS					
Smallpox.....	2,471,610	2,071,742	1,402,829	1,562,036	1,617,032
Diphtheria.....	1,506,316	1,597,407	1,551,221	1,556,440	1,561,985
OTHER SERVICES					
Inspections by dentists or dental hygienists:					
Preschool children.....	50,266	55,877	52,835	75,978	72,468
School children.....	1,110,044	1,575,322	1,984,001	2,315,137	2,558,640
Visits for midwife supervision.....	23,373	28,163	27,104	28,456	31,935

Source: Federal Security Agency, Social Security Administration, Children's Bureau.

No. 294.—MATERNAL AND CHILD HEALTH AND WELFARE SERVICES—GRANTS TO STATES: FISCAL YEAR 1951

[In thousands of dollars. Based on payments]

STATE	Maternal and child health services	Services for crippled children	Child welfare services	STATE	Maternal and child health services	Services for crippled children	Child welfare services
Total	12,856.5	9,665.8	5,538.0	Nevada.....	67.0	30.8	27.3
Alabama.....	490.2	324.7	191.5	New Hampshire.....	73.5	62.2	48.0
Arizona.....	152.9		45.9	New Jersey.....	205.6	203.5	60.3
Arkansas.....	296.9	307.5	174.0	New Mexico.....	153.8	80.7	45.0
California.....	391.8	232.9	130.6	New York.....	433.2	305.1	163.9
Colorado.....	214.0	77.0	67.7	North Carolina.....	572.5	337.7	214.7
Connecticut.....	117.1	178.8	76.5	North Dakota.....	93.7	79.0	45.1
Delaware.....	72.6	37.6	31.6	Ohio.....	422.6	268.9	173.1
Dist. of Columbia.....	169.4	168.0	24.3	Oklahoma.....	179.0	235.0	156.3
Florida.....	251.9	136.4	83.4	Oregon.....	121.1	92.5	66.1
Georgia.....	519.3	269.9	125.2	Pennsylvania.....	507.6	298.5	157.9
Idaho.....	93.8	83.3	27.4	Rhode Island.....	94.6	108.5	33.9
Illinois.....	315.8	239.7	186.9	South Carolina.....	301.3	284.3	193.8
Indiana.....	298.1	177.5	61.6	South Dakota.....	58.0	82.2	73.9
Iowa.....	128.1	190.4	82.8	Tennessee.....	482.0	286.9	145.4
Kansas.....	145.0	106.6	139.6	Texas.....	594.1	455.2	267.9
Kentucky.....	412.5	323.3	221.9	Utah.....	116.2	109.9	40.8
Louisiana.....	364.3	222.8	132.6	Vermont.....	80.6	77.2	50.9
Maine.....	108.9	95.7	46.4	Virginia.....	370.0	267.3	146.2
Maryland.....	317.1	254.9	67.0	Washington.....	204.9	160.0	56.6
Massachusetts.....	228.2	211.8	41.2	West Virginia.....	256.0	215.3	179.0
Michigan.....	391.3	264.3	178.2	Wisconsin.....	162.9	218.7	177.1
Minnesota.....	231.6	190.4	95.2	Wyoming.....	53.7	33.5	42.5
Mississippi.....	340.1	251.4	161.0	Alaska.....	113.9	118.2	31.3
Missouri.....	274.7	272.3	169.8	Hawaii.....	187.1	168.2	39.4
Montana.....	101.1	86.1	61.9	Puerto Rico.....	396.5	254.1	176.7
Nebraska.....	102.9	88.6	72.3	Virgin Islands.....	76.0	70.5	36.9

Source: Federal Security Agency, Social Security Administration, Children's Bureau.

No. 295.—SERVICES FOR CRIPPLED CHILDREN: 1948 TO 1950

[Services provided or purchased by official State crippled children's agencies under the Social Security Act. Includes data for Alaska, Hawaii, Puerto Rico, and the Virgin Islands]

TYPE OF SERVICE	NUMBER REPORTED		
	1948	1949	1950 ¹
Crippled children on State registers at end of year.....	522,000	585,000	645,000
Total number of children who received physician's services.....	155,000	181,000	215,000
Clinic services:			
Number of children.....	131,000	151,000	180,000
Number of visits.....	284,000	320,000	370,000
Average number of visits per child ²	2.2	2.1	2
Physician's office and home services:			
Number of children.....	12,000	21,000	30,000
Number of visits.....	39,000	61,000	90,000
Average number of visits per child ²	3.1	3.0	3
Hospital in-patient care:			
Number of children.....	32,000	38,000	40,000
Number of days' care.....	1,335,000	1,454,000	1,450,000
Average number of days per child ²	41.5	37.8	36
Convalescent-home care:			
Number of children.....	5,000	5,600	5,800
Number of days' care.....	484,000	556,000	495,000
Average number of days per child ²	97.1	98.9	94

¹ Preliminary estimates based on incomplete reports.

² Based on unrounded figures.

Source: Federal Security Agency, Social Security Administration, Children's Bureau.

No. 296.—CHILDREN RECEIVING SERVICE FROM PUBLIC WELFARE AGENCIES ON
MAR. 31, 1951 AND PERCENT CHANGE FROM MAR. 31, 1946, BY STATE

[Includes only States with complete reporting coverage, Mar. 31, 1946-51]

STATE	NUMBER OF CHILDREN SERVED, MARCH 31, 1951			PERCENT CHANGE FROM 1946 TO 1951		
	Total ¹	In homes of parents or relatives	In foster family homes	Total ¹	In homes of parents or relatives	In foster family homes
Total, 42 States.....	220,690	87,086	93,441	+11	+3	+27
Alabama.....	6,902	4,976	1,078	+6	-1	+41
Arizona.....	2,035	1,053	858	+12	-2	+43
Arkansas.....	1,471	792	591	+35	+14	+84
Colorado.....	2,024	1,039	992	+32	+23	+56
Delaware.....	974	392	489	+47	+62	+25
District of Columbia.....	2,679	902	949	+9	-13	-11
Florida.....	1,936	865	895	+27	+47	+13
Idaho.....	329	246	54	+20	+27	(2)
Illinois.....	5,726	1,748	3,389	+116	+108	+99
Indiana.....	13,877	6,191	5,068	-9	-13	+5
Louisiana.....	2,657	420	1,967	+10	-42	+20
Maine.....	3,384	1,087	2,058	+7	+8	+14
Maryland.....	1,040	1,264	2,501	+133	+218	+119
Massachusetts.....	8,676	866	7,159	-10	+17	+31
Minnesota.....	9,678	5,865	2,828	-50	-56	-21
Mississippi.....	2,181	1,757	236	+78	+101	(3)
Missouri.....	4,355	2,295	1,787	+24	+26	+23
Montana.....	1,180	569	471	+8	-32	+131
Nebraska.....	2,021	956	550	-13	-29	+53
Nevada.....	367	172	105	+13	+8	-34
New Hampshire.....	2,272	923	975	-3	-12	+17
New Jersey.....	5,148	1,040	5,107	-28	-45	-4
New Mexico.....	1,253	573	501	+25	+31	+35
New York.....	42,037	5,707	22,136	+4	-23	+15
North Carolina.....	10,853	6,164	2,703	+71	+80	+50
North Dakota.....	2,852	2,573	115	+131	+148	-22
Ohio.....	10,020	4,071	8,022	+37	+55	+54
Oklahoma.....	1,329	316	641	-9	-25	+10
Rhode Island.....	2,107	647	1,124	+23	+71	+12
South Carolina.....	3,903	2,857	507	+31	+21	+77
South Dakota.....	666	353	255	-1	-12	+26
Tennessee.....	1,947	1,087	650	+79	+53	+240
Texas.....	3,708	2,503	811	+5	-11	+90
Utah.....	946	370	527	+23	+58	(4)
Vermont.....	1,710	701	776	-11	-12	-12
Virginia.....	8,012	2,683	4,510	+40	+42	+52
Washington.....	6,587	2,574	3,143	+53	+35	+45
West Virginia.....	7,087	4,724	1,894	+12	+12	+21
Wisconsin.....	8,161	3,463	3,673	+30	+2	+72
Alaska.....	897	377	179	+112	+155	+54
Hawaii.....	2,678	1,344	984	+74	+92	+113
Puerto Rico.....	10,465	8,001	477	+48	+31	+32

¹ Includes some 40,163 children living in institutions or elsewhere, not shown separately.

² Not computed; 1946 figure less than 100.

³ Large percent change reflect refinements in State reporting procedures or changes in policy and organization, as well as fluctuations in volume.

⁴ Less than 1 percent.

Source: Federal Security Agency, Social Security Administration, Children's Bureau.

NO. 297.—VOCATIONAL REHABILITATION OF DISABLED PERSONS—NUMBER, BY
TYPE OF DISABILITY AND OCCUPATION: 1947 TO 1951

[For fiscal years ending June 30]

TYPE	1947	1948	1949	1950	1951 ¹
DISABILITY					
Total.....	43,880	53,131	58,020	59,597	66,193
Amputated or missing members.....	5,049	7,276	7,308	7,582	7,986
Impairment of extremities.....	12,022	13,510	14,206	13,720	14,852
Impairment of other parts of body ²	3,040	3,532	3,884	4,501	4,980
Visual:					
Blind.....	2,157	2,569	3,166	3,210	3,615
Other visual.....	3,025	3,631	3,895	3,880	4,551
Aural:					
Deaf.....	965	1,064	1,152	1,267	1,488
Hard of hearing.....	2,423	3,436	3,935	4,024	4,208
Speech defect.....	392	538	648	675	873
Tuberculosis, pulmonary.....	3,519	4,433	4,738	4,013	5,807
Cardiac.....	1,734	2,125	2,284	2,308	2,592
Other diseases.....	6,091	7,745	8,780	9,657	10,626
Mental disorders.....	2,546	3,237	3,838	3,845	4,608
Not reported.....	17	35	6	15	7
JOB OR OCCUPATION					
Total.....	43,880	53,131	58,020	59,597	66,193
Professional.....	2,273	2,749	3,025	3,117	3,024
Semiprofessional.....	1,160	1,320	1,209	1,193	1,320
Managerial and official.....	888	969	907	1,091	1,005
Clerical and kindred.....	6,780	7,956	8,667	7,852	10,287
Sales and kindred.....	2,373	3,176	3,498	3,301	3,094
Service occupations.....	6,076	7,533	8,852	9,142	9,766
Agriculture, fishing, etc.....	3,446	4,221	5,039	5,731	6,416
Skilled.....	7,516	8,654	8,898	9,306	10,329
Semiskilled.....	6,539	7,796	7,705	7,062	10,350
Unskilled.....	3,901	4,923	5,113	4,095	5,295
Family workers and housewives.....	2,847	3,807	4,843	6,131	6,070
Not reported.....	81	28	24	17	29

¹ Subject to revision.

² Includes spine, neck, head, facial disfigurement, dwarf.

Source: Federal Security Agency, Office of Vocational Rehabilitation; *Annual Report of Federal Security Agency*.

No. 298.—VOCATIONAL REHABILITATION OF DISABLED PERSONS—NUMBER AND EXPENDITURES, BY STATE OR OTHER AREA: 1951

[Expenditures in thousands of dollars. For year ending June 30]

STATE OR OTHER AREA	Number rehabilitated	Number in process of rehabilitation on June 30	EXPENDITURES				
			Total	By State boards of vocational education		By State agencies for the blind	
				Total	Federal	Total	Federal
Total	66, 193	139, 567	30, 273	27, 263	18, 721	3, 010	2, 280
Alabama.....	1, 733	4, 636	827	827	531	-----	-----
Arizona.....	215	443	106	106	74	-----	-----
Arkansas.....	1, 018	2, 511	425	425	299	-----	-----
California.....	5, 049	9, 483	2, 312	2, 312	1, 636	-----	-----
Colorado.....	543	929	210	172	130	38	28
Connecticut.....	1, 238	3, 017	499	468	348	31	26
Delaware.....	459	755	219	178	124	41	29
District of Columbia.....	379	857	264	264	179	-----	-----
Florida.....	1, 927	3, 743	978	749	506	229	179
Georgia.....	2, 082	7, 328	1, 408	1, 408	958	-----	-----
Idaho.....	186	279	82	61	42	21	16
Illinois.....	3, 031	6, 242	1, 714	1, 714	1, 141	-----	-----
Indiana.....	1, 144	3, 442	544	484	319	60	45
Iowa.....	954	1, 763	358	333	242	25	18
Kansas.....	758	1, 267	337	272	183	65	51
Kentucky.....	768	1, 508	250	250	182	-----	-----
Louisiana.....	1, 390	3, 553	743	600	457	83	68
Maine.....	274	624	148	127	87	21	17
Maryland.....	1, 023	2, 848	388	388	287	-----	-----
Massachusetts.....	665	1, 681	331	331	252	-----	-----
Michigan.....	5, 654	8, 933	1, 001	1, 404	1, 041	137	111
Minnesota.....	770	2, 688	423	329	224	94	66
Mississippi.....	1, 032	1, 594	509	396	289	113	93
Missouri.....	1, 321	3, 044	618	506	356	112	87
Montana.....	386	832	197	107	121	30	22
Nebraska.....	519	1, 013	276	220	147	56	40
Nevada.....	49	147	24	24	19	-----	-----
New Hampshire.....	120	295	78	61	42	17	14
New Jersey.....	1, 437	2, 180	533	431	312	102	84
New Mexico.....	207	494	127	110	74	17	13
New York.....	4, 368	9, 150	1, 933	1, 502	1, 135	341	235
North Carolina.....	2, 486	5, 041	1, 206	876	544	330	233
North Dakota.....	207	442	139	139	90	-----	-----
Ohio.....	1, 449	2, 765	628	476	336	152	121
Oklahoma.....	1, 200	3, 668	621	621	432	-----	-----
Oregon.....	579	1, 776	360	308	218	52	36
Pennsylvania.....	3, 705	6, 521	2, 271	2, 041	1, 302	230	175
Rhode Island.....	294	861	136	102	71	34	28
South Carolina.....	1, 849	3, 218	670	642	432	28	24
South Dakota.....	149	509	104	81	53	23	17
Tennessee.....	2, 079	2, 938	865	713	475	152	117
Texas.....	2, 287	7, 055	1, 317	1, 128	756	189	149
Utah.....	417	767	160	160	115	-----	-----
Vermont.....	207	457	145	122	78	23	17
Virginia.....	1, 477	3, 427	608	566	385	42	28
Washington.....	1, 016	2, 397	596	553	401	43	33
West Virginia.....	1, 801	4, 616	646	646	448	-----	-----
Wisconsin.....	1, 370	3, 477	697	643	440	54	41
Wyoming.....	190	335	118	118	83	-----	-----
Hawaii.....	213	645	203	178	114	25	19
Puerto Rico.....	650	1, 373	321	321	211	-----	-----

Source: Federal Security Agency, Office of Vocational Rehabilitation; *Annual Report of the Federal Security Agency*.

No. 299.—CIVIL SERVICE RETIREMENT ACT—ANNUITIES AND LUMP-SUM PAYMENTS: 1939 TO 1951

[Dollar amounts in thousands. See general note, p. 216]

JUNE 30 OR YEAR ENDING JUNE 30—	ANNUITIES ¹					LUMP-SUM PAYMENTS					
	Number certi- fied	Number termi- nated	Number in force		Annual value	Separated em- ployees ²		Deceased em- ployees ³		Deceased an- nuitants ⁴	
			Total ^b	Disa- bility		Num- ber	Amount	Num- ber	Amount	Num- ber	Amount
1939	5,796	3,541	58,385	14,315	\$57,074	14,800	\$2,727	2,871	\$3,155	2,242	\$1,405
1940	7,267	3,025	62,027	15,294	59,879	15,183	2,857	2,812	3,723	2,145	1,483
1941	8,223	4,132	66,118	16,768	63,468	21,100	3,618	3,788	4,290	2,775	1,728
1942	7,504	4,443	69,179	18,032	66,466	45,592	5,596	3,780	3,904	2,611	1,686
1943	9,679	4,886	73,072	19,602	71,450	111,363	7,178	6,312	4,987	2,658	2,003
1944	10,041	5,659	78,354	21,168	75,663	390,284	21,536	9,061	5,155	2,915	2,263
1945	12,380	5,511	85,225	23,389	82,346	900,858	62,377	16,374	7,441	3,062	2,476
1946	16,034	5,113	96,146	26,827	91,887	1,450,434	185,066	17,924	8,546	2,990	2,563
1947	22,153	6,888	111,416	31,502	103,321	943,026	178,853	17,304	10,372	3,971	3,710
1948	21,879	7,448	125,897	35,353	134,247	432,000	112,846	10,068	9,361	3,563	3,539
1949	31,371	8,935	148,336	39,076	154,252	228,554	61,407	6,338	3,025	4,872	4,685
1950	33,303	9,451	172,206	42,869	181,878	239,151	88,194	4,850	3,712	6,827	4,194
1951	35,654	10,771	197,148	45,601	205,641	166,962	64,914	4,387	3,998	7,584	3,946

¹ Through June 30, 1940, data relate entirely to employees retired voluntarily or involuntarily under various age and length of service requirements and to employees with at least 5 years of service who became totally disabled for the position occupied prior to eligibility for retirement. Beginning Jan. 1, 1940, 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 30,468 in 1951. Beginning Jan. 24, 1942, employees with at least 5 years service who separate voluntarily or involuntarily prior to eligibility for retirement may obtain deferred annuity at age 62; such annuitants increased from 5 as of June 30, 1942, to 30,110 as of June 30, 1951. Excludes annuities purchased by voluntary contributions.

² Data relate to 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.

³ Data relate to refunds of amounts to employees' credit paid to designated or other beneficiaries of employees who died while in service or after separation.

⁴ Data relate to 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.

⁵ 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.

Source: Civil Service Commission, annual retirement report.

No. 300.—CIVIL SERVICE RETIREMENT ACT—ANNUITANTS ON ROLL BY AMOUNT OF REGULAR ANNUITY: JUNE 30, 1946 TO 1951

AMOUNT OF ANNUITY	NUMBER OF ANNUITANTS					
	1946	1947	1948	1949	1950	1951
Total.....	96,146	111,416	125,897	148,336	172,206	197,148
Under \$300.....	5,631	10,932	11,856	17,639	21,840	27,987
\$300-\$500.....	13,007	16,918	17,820	23,287	29,467	36,079
\$500-\$800.....	18,548	20,545	17,960	21,356	24,027	28,518
\$800-\$1,100.....	21,355	23,244	19,711	21,083	21,125	22,408
\$1,200.....	23,926	23,770	16,280	26,239	23,249	23,915
\$1,201-\$1,400.....	8,774	10,004	18,612			
\$1,500-\$1,700.....	2,408	2,874	26,903	28,212	36,668	37,541
\$1,800-\$2,000.....	1,087	1,352	3,213	4,022	6,060	8,936
\$2,100 and over.....	1,410	1,777	3,542	5,048	8,861	12,254
Average annuity.....	\$956	\$927	\$1,066	\$1,040	\$1,056	\$1,043

¹ Under amendment of Feb. 28, 1948, majority of annuitants formerly receiving \$1,200 now receive \$1,600. On June 30, 1948, there were 17,224 annuitants receiving exactly \$1,500.

Source: Civil Service Commission, annual retirement report.

11. Income and Expenditures

(Sent to print March 19, 1952)

The income statistics in this section are of two fundamental types: First, those which provide data on aggregate amounts (national income and national product data) and second, those which provide data on the distribution of families or persons by size of their income (size distribution data). Statistics representing the former type are compiled primarily by the Office of Business Economics of the Department of Commerce and are based on a wide variety of data from government and private sources. Statistics representing the latter type of income data are derived from sample surveys of income conducted by several different agencies. Since these surveys were taken at different times and for different purposes, they differ somewhat in the definitions of income and the income-receiving unit. In addition to the income data, expenditures and savings of families and single persons have been included in this section.

Nation's economic budget.—The Nation's Economic Budget is designed to give a synoptic picture of the economy. (See table 301.) It shows the magnitudes of income and expenditure of major economic groups, net additions and absorption of saving by these groups, and the gross national product or income. Statistics are based on the "National income and product" accounts of the Department of Commerce, except that the Federal Government account is based mainly on "Cash receipts from the public" and "Cash payments to the public" as computed by the Bureau of the Budget and State-local cash receipts and payments are rearranged to approximate a cash basis.

Business receipts retained include corporate retained earnings plus inventory valuation adjustment and capital consumption allowances of all business. Government cash loans to the "rest of the world" are considered as a transfer payment and have been entered as a receipt in the international account. However, unilateral transfers or grants to foreign countries are included as a direct expenditure for goods and services of either consumers or government and are netted out of the international account.

The adjustments for receipts relating to gross national product include the statistical discrepancy and the operating surplus of Government enterprises less subsidies. Other adjustments arise from the fact that the basis of accounting for the income and product series differs from that used in Government cash receipts and payments, particularly in the timing of receipts or payments, and that the cash concept of Government operations is somewhat more inclusive than that incorporated in the income and product series.

A fuller explanation of the Nation's Economic Budget may be found in the Annual Review of the Council of Economic Advisors, included in the *Economic Report of the President to Congress*.

Aggregate income.—The aggregate income statistics presented here are of three general types: Gross national product or expenditure, national income (by distributive shares and by industrial origin), and income payments to individuals by States.

Gross national product is the market value of the output of goods and services produced by the Nation's economy, before deduction of depreciation charges and other allowances for business and institutional consumption of durable capital goods.

Other business products used up by business in the accounting period are excluded. The Nation's economy in this context refers to the labor and property supplied by residents of the Nation. Gross national product comprises the purchases of goods and services by consumers and government, gross private domestic investment, and net foreign investment. Gross national product differs from national income mainly in that no allowance is made for depreciation or for indirect business taxes, both of which items constitute expenses in the computation of business net incomes.

National income is the aggregate earnings of labor and property which arise from the current production of goods and services by the Nation's economy. Thus, it measures the total factor costs of the goods and services produced by the economy. Earnings are recorded in the forms in which they accrue to residents of the Nation, inclusive of taxes on those earnings.

National income originating by industry is the sum of factor costs incurred by the industry in production. Hence, it is the net value added to production by the industry, measured at factor costs.

Personal income is the current income received by persons from all sources, inclusive of transfers from government and business but exclusive of transfers among persons.

Income payments to individuals is a measure of income received from all sources during the calendar year by residents of each State. It comprises income received by individuals in form of (1) wages and salaries, after deduction of employees' contributions to social security, railroad retirement, railroad unemployment insurance, and government retirement programs; (2) proprietors' incomes, representing net income of unincorporated establishments, including farms, before owners' withdrawals; (3) property income, consisting of dividends, interest, and net rents and royalties; and (4) "other" income, which includes public assistance and other direct relief; labor income items such as work relief, government retirement payments, veterans' pensions and benefits, workmen's compensation, and social insurance benefits; mustering-out payments to discharged servicemen; family-allowance payments and voluntary allotments of pay to dependents of military personnel; enlisted men's cash terminal leave payments; and State government bonuses to veterans of World War II. For discussion of distribution by State, see headnote, table 309.

Size distribution of income.—The statistics on the size distribution of income are based on data collected in various field surveys of income which have been conducted since 1939. The primary purpose of these field surveys was to show the distribution of families or persons by income levels rather than the aggregate amounts of income received by these families. Whereas the aggregate income data provide an indication of the level of total purchasing power, the field survey size distribution data, by showing the numbers and kinds of families and persons in each income bracket, provide an indication of the distribution of purchasing power in the population. In each of these field surveys trained enumerators interviewed representative samples of the civilian noninstitutional population with respect to the income received by the respondents or their families during the previous year.

The income represented in these tables is consumer money income, defined as the sum of civilian money wages and salaries; net farm entrepreneurial income; net nonfarm entrepreneurial income from business or profession; interest, dividends, and periodic income from estates and trusts; rents and royalties; armed forces pay of persons living in private households at the time of the survey; dependency allotments and contributions from members of the armed forces; veterans payments; social security payments, unemployment and workmen's compensation, pensions and assistance; and miscellaneous items such as periodic contributions for support from persons not

in the household, periodic payments from insurance policies or annuities, and alimony. The income is for the calendar year and is before deduction of income taxes (except for 1944 Bureau of Labor Statistics data in table 315) 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 comparable with consumer money income. The nearest approximation is personal income.

Expenditures and savings.—The Bureau of Labor Statistics most recent survey of family income, expenditures, and savings on a Nation-wide basis for which tabulations are available is for the year 1944. The Survey of Prices Paid by Consumers in 1944 was based on a sample of 1,700 families and single persons in 28 metropolitan districts and 20 cities with populations under 50,000 outside of metropolitan districts. These places were selected to represent (with respect to region, State and city size) all cities in the United States with a population of 2,500 or more.

For this study a family is defined as a group of persons dependent on a common or pooled income for the major items of expense and usually living in the same household. A single person is one who lives alone or with unrelated people in a private home, lodging house, or hotel. From 1945 through 1949, the Bureau has made similar surveys of family expenditure in selected cities each year to obtain data necessary to check the prices and weighting patterns used in the consumers' price index; 1945 expenditure data were obtained for Birmingham, Ala.; Indianapolis, Ind.; and Portland, Oreg. (see *Monthly Labor Review*, June 1948); 1946 data for Milwaukee, Wis.; Scranton, Pa., and Savannah, Ga. (available upon request to the Bureau of Labor Statistics); 1947 data for Washington, D. C.; Manchester, N. H.; and Richmond, Va. (see *Monthly Labor Review*, April, June-August, and October 1949); 1948 data for Denver, Colo.; Detroit, Mich.; and Houston, Tex. (see *Monthly Labor Review*, December 1949); and 1949 data for Memphis, Tenn. (see *Monthly Labor Review*, June 1951).

A Nation-wide Consumer Expenditure Survey was made for 1950 by the Bureau of Labor Statistics in 91 cities yielding 12,500 usable schedules from families and single consumers. Data from this survey were not available for inclusion here at the time this section was sent to the printer. For field methods and purposes, see *Monthly Labor Review*, January 1951. For selection of cities for the survey, see *Monthly Labor Review*, April 1951.

1950 Census data.—As a part of the 1950 Census of Population, the Bureau of the Census collected data on the distribution of income from a sample of the population. Figures in this section from the 1950 Census (see table 316) are those available at the time this section was sent to the printer and are preliminary sample data based on a sample of 150,000 persons for the nation as a whole.

Historical statistics.—See preface and historical appendix. Tabular headnotes (as "See also *Historical Statistics*, series A 117-133") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*.

No. 301.—THE NATION'S ECONOMIC BUDGET: 1950 AND 1951

[Billions of dollars. For explanation of Nation's Economic Budget, see text, p. 249]

ECONOMIC GROUP	1950			1951		
	Receipts	Expenditures	Excess of receipts (+) or expenditures (—)	Receipts	Expenditures	Excess of receipts (+) or expenditures (—)
Gross national product, total.....	282.6	282.6	-----	326.8	326.8	-----
Consumers:						
Disposable income relating to current production.....	185.2	-----	-----	206.4	-----	-----
Transfers and interest ¹	19.0	-----	-----	16.5	-----	-----
Disposable personal income ¹	204.3	-----	-----	222.8	-----	-----
Expenditures for goods and services.....	-----	193.6	-----	-----	204.4	-----
Personal saving (+) ¹	-----	-----	+10.7	-----	-----	+18.6
Business:						
Retained business receipts ²	29.7	-----	-----	30.4	-----	-----
Gross private domestic investment.....	-----	48.9	-----	-----	58.8	-----
Excess of investment (—) ¹	-----	-----	-19.2	-----	-----	-28.4
International:						
Net cash government loan transfers abroad ¹	-.1	-----	-----	.3	-----	-----
Net foreign investment.....	-----	-2.3	-----	-----	.1	-----
Excess of receipts (+) or investment (—) ¹	-----	-----	+2.2	-----	-----	+2.2
Government (Federal, State, and local):						
Tax payments or liabilities.....	69.8	-----	-----	89.0	-----	-----
Adjustment to cash basis ¹	-9.0	-----	-----	-9.7	-----	-----
Cash receipts from the public ¹	60.8	-----	-----	79.3	-----	-----
Purchases of goods and services.....	-----	42.5	-----	-----	63.5	-----
Government transfers ¹	-----	18.8	-----	-----	14.9	-----
Cash payments to the public ¹	-----	61.5	-----	-----	78.4	-----
Excess of receipts (+) or payments (—) ¹	-----	-----	-.5	-----	-----	+3.8
Adjustments:						
For receipts relating to gross national product.....	-2.1	-----	-2.1	+1.2	-----	+1.2
Other adjustments ¹	+8.9	-----	+8.9	+7.7	-----	+7.7

¹ Transfer payments and receipts and other items excluded in gross national product are shown in italics.² Includes adjustment for inventory valuation.Source: Council of Economic Advisers; published in *Economic Report of the President*, January 1952.

No. 302.—GROSS NATIONAL PRODUCT OR EXPENDITURE IN CURRENT DOLLARS: 1929 to 1951

[In millions of dollars. For definition of gross national product, see text, p. 249. See also *Historical Statistics*, series A 101-116]

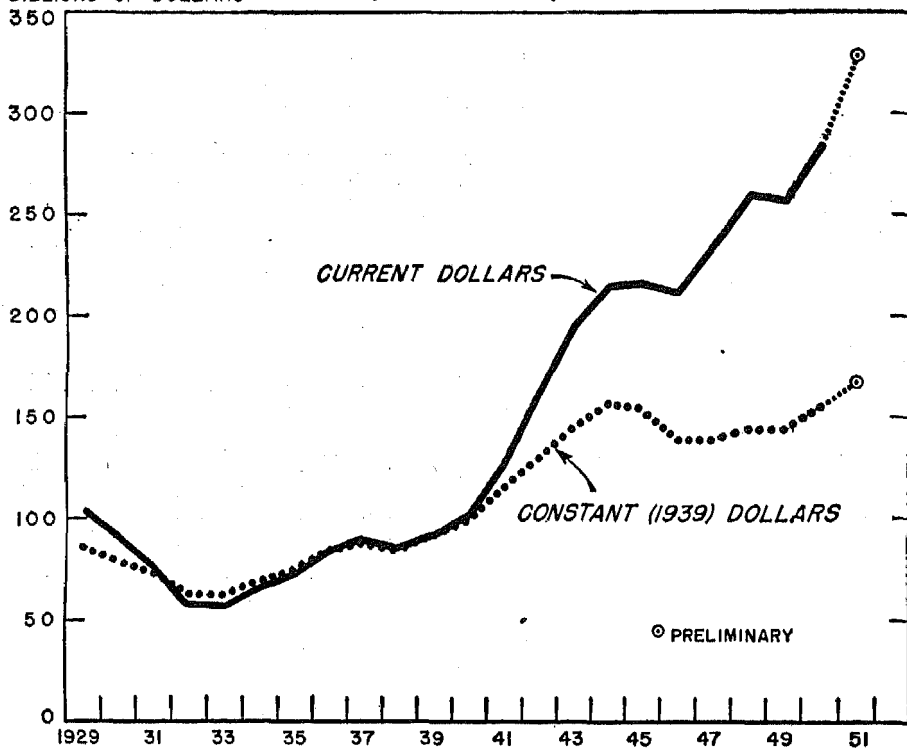
ITEM	1929	1933	1939	1945	1946	1947	1948	1949	1950	1951
Gross national product.....	103,828	55,760	91,339	215,210	211,110	233,264	259,045	258,229	284,187	329,232
Personal consumption expenditures.....	78,761	46,340	67,466	123,079	146,907	165,570	177,890	180,588	194,277	207,972
Durable goods.....	9,362	3,503	6,729	8,472	16,573	21,369	22,883	23,840	29,152	27,120
Nondurable goods.....	37,742	22,254	35,258	74,886	85,840	95,142	100,889	99,223	102,760	113,605
Services.....	31,657	20,589	25,479	39,721	44,485	49,059	54,118	57,625	62,365	67,347
Gross private domestic investment.....	15,824	1,306	9,917	10,733	28,726	30,187	42,693	33,465	50,349	58,515
New construction.....	7,824	1,142	4,899	3,934	10,201	13,904	17,716	17,250	22,889	23,252
Producers' durable equipment.....	6,438	1,783	4,577	7,545	12,328	17,080	19,948	18,697	21,989	24,927
Change in business inventories.....	1,562	-1,619	441	-740	6,107	-797	5,020	-2,482	5,471	10,336
Net foreign investment.....	771	150	888	-1,488	4,561	8,805	1,864	528	-2,304	193
Government purchases of goods and services.....	8,472	7,958	13,068	82,836	30,916	28,612	36,598	43,648	41,865	62,552
Federal.....	1,311	2,018	5,157	74,796	20,946	15,784	21,022	25,449	22,165	40,881
National security.....	1,344	2,022	3,908	75,923	21,177	13,328	16,083	19,274	18,497	37,085
Other.....										
Less: Government sales.....	33	4	9	2,168	2,700	1,295	631	395	241	406
State and local.....	7,161	5,940	7,911	8,040	9,970	12,828	15,576	18,199	19,700	21,671

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, July 1952.

FIG. XIII.—GROSS NATIONAL PRODUCT IN CURRENT AND CONSTANT DOLLARS: 1929 TO 1951

BILLIONS OF DOLLARS

[See tables 302 and 303]



Source: Department of Commerce, Office of Business Economics.

No. 303.—GROSS NATIONAL PRODUCT OR EXPENDITURE IN CONSTANT (1939) DOLLARS: 1929 TO 1951

[In billions of 1939 dollars. Constant-dollar figures obtained by dividing current-dollar estimates shown in table 302 in as fine a product detail as possible, by appropriate price indexes based on 1939 as 100, in order to eliminate from the current-dollar estimates all price change as compared with 1939. For definition of gross national product, see text, p. 249]

ITEM	1929	1933	1939	1945	1946	1947	1948	1949	1950	1951
Gross national product.....	85.9	61.5	91.3	153.4	138.4	138.6	143.5	144.0	154.8	167.3
Personal consumption expenditures...	62.2	51.1	67.5	86.3	95.7	98.3	100.3	103.2	108.5	108.4
Durable goods.....	8.0	3.8	6.7	5.3	10.4	12.3	12.6	12.9	16.4	13.3
Nondurable goods.....	29.1	24.9	35.3	47.9	50.2	49.5	49.7	50.7	51.6	52.4
Services.....	25.1	22.4	25.5	33.2	35.2	36.4	38.0	39.6	41.5	42.6
Gross private domestic investment.....	14.9	1.6	9.9	8.3	20.3	10.3	22.7	18.0	25.8	28.0
New construction.....	7.4	1.5	4.9	2.6	6.0	6.9	8.0	7.9	9.8	0.2
Producers' durable equipment.....	6.1	2.0	4.6	6.7	9.9	11.8	12.6	11.4	13.1	13.6
Change in business inventories.....	1.5	-1.8	.4	-1.0	4.4	.6	2.1	-1.3	2.8	5.1
Net foreign investment.....	.8	.1	.9	-1.8	2.7	4.8	1.4	.6	-----	2.0
Government purchases of goods and services.....	7.9	8.7	13.1	60.6	19.6	10.1	19.2	22.2	20.6	28.0
Federal.....	1.3	2.3	5.2	54.6	12.8	8.5	10.9	12.0	10.9	18.0
State and local.....	6.6	6.4	7.9	6.0	6.8	7.6	8.2	9.3	9.7	10.1
Gross private product ¹	81.5	56.5	83.7	120.7	125.6	128.8	133.7	133.7	144.3	154.0
Gross Government product ²	4.4	5.0	7.6	23.7	12.8	9.8	9.7	10.3	10.5	13.3

¹ Gross national product less compensation of general government employees.² Compensation of general government employees.Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, July 1952.

No. 304.—NATIONAL INCOME BY DISTRIBUTIVE SHARES: 1929 TO 1951

[In millions of dollars. For definition of national income, see text, p. 250. See also *Historical Statistics*, series A 117-133]

TYPE OF SHARE	1929	1933	1939	1945	1946	1947	1948	1949	1950	1951
National income.....	87,355	39,584	72,532	182,691	180,286	198,688	223,469	216,259	239,170	277,554
Compensation of employees.....	50,786	29,330	47,820	123,026	117,098	127,988	140,166	139,915	153,375	178,880
Wages and salaries ¹	50,165	28,825	45,745	117,673	111,227	122,059	134,367	133,356	145,603	169,906
Private.....	45,206	23,660	37,519	82,101	90,577	104,803	115,669	112,978	123,442	141,189
Military.....	312	270	398	22,698	7,962	4,008	3,970	4,248	4,990	8,640
Government civilian ²	4,647	4,895	7,828	12,974	12,688	13,188	14,728	16,130	17,162	20,107
Supplements to wages and salaries.....	621	506	2,075	5,353	5,871	5,920	5,809	6,559	7,772	8,974
Employer contributions for social insurance.....	101	133	1,540	3,805	3,970	3,565	3,042	3,563	3,862	4,748
Other labor income.....	520	372	535	1,548	1,901	2,364	2,767	3,056	3,160	4,226
Income of unincorporated enterprises and inventory valuation adjustment.....	13,927	5,207	11,282	31,247	35,375	35,305	39,751	34,405	37,015	41,778
Business and professional.....	8,262	2,925	6,776	18,719	20,585	19,770	22,086	21,629	23,667	26,210
Income of unincorporated enterprises.....	8,120	3,450	6,942	18,832	22,404	21,323	22,480	20,998	24,907	26,591
Inventory valuation adjustment.....	142	-525	-166	-113	-1,819	-1,547	-395	631	-1,240	-381
Farm ³	5,665	2,282	4,506	12,628	14,790	15,589	17,666	12,776	13,348	15,668
Rental income of persons.....	5,811	2,018	3,465	6,256	6,620	7,059	7,506	7,720	8,175	8,871
Corporate profits and inventory valuation adjustment.....	10,290	-1,981	5,753	19,153	18,271	24,732	31,711	29,189	34,795	41,579
Corporate profits before tax.....	9,818	162	6,467	19,717	23,464	30,480	33,762	27,107	30,610	42,874
Corporate profits tax liability.....	1,398	524	1,462	11,215	9,583	11,940	13,028	10,817	15,383	24,211
Corporate profits after tax.....	8,420	-362	5,005	8,502	13,881	18,540	20,734	16,290	21,227	18,663
Dividends.....	5,823	2,066	3,796	4,699	5,808	6,561	7,250	7,460	8,957	9,036
Undistributed profits.....	2,597	-2,428	1,209	3,803	8,073	11,988	13,484	8,821	12,270	9,625
Inventory valuation adjustment.....	472	-2,143	-714	-564	-5,193	-5,757	-2,051	2,082	-4,815	-1,295
Net interest.....	6,541	5,010	4,212	3,009	2,922	3,544	4,335	5,030	5,810	6,446

¹ Includes employee contributions to social insurance funds.

² Includes pay of employees of government enterprises and of permanent U. S. residents employed in U. S. by foreign governments and international organizations.

³ Inventory valuation adjustment data for farms are not available separately.

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, July 1952.

No. 305.—PERSONAL INCOME AND DISPOSITION OF INCOME: 1929 TO 1951

[Millions of dollars. For definition of personal income, see text, p. 250. See also *Historical Statistics*, series A 134-144]

ITEM	1929	1933	1939	1945	1946	1947	1948	1949 ¹	1950 ¹	1951 ¹
Personal income.....	85,127	46,629	72,607	171,927	177,724	191,000	209,494	205,065	224,721	251,100
Wage and salary receipts.....	50,023	28,673	45,140	115,326	109,246	119,926	132,149	131,243	142,899	165,900
Total employer disbursements.....	50,165	28,825	45,745	117,659	111,257	122,044	134,327	133,477	145,844	169,400
Less: Employee contributions for social insurance.....	142	152	596	2,333	2,011	2,118	2,178	2,234	2,945	3,500
Other labor income ²	520	372	535	1,548	1,901	2,364	2,767	2,982	3,472	4,800
Proprietors' and rental income ³	19,738	7,225	14,747	37,503	41,905	42,424	47,827	41,443	44,068	48,000
Dividends.....	5,823	2,066	3,796	4,699	5,808	6,561	7,250	7,552	9,169	9,600
Personal interest income.....	7,524	6,180	5,417	6,072	7,354	7,988	8,786	9,512	10,000	10,600
Transfer payments ⁴	1,499	2,113	2,963	0,179	11,420	11,803	11,286	12,568	15,082	12,500
Less: Personal tax and nontax payments.....	2,643	1,484	2,440	20,867	18,808	21,506	21,142	18,038	20,460	28,400
Federal.....	1,263	474	1,235	19,379	17,162	19,650	18,067	16,159	17,774	25,500
State and local.....	1,380	990	1,205	1,488	1,646	1,856	2,145	2,479	2,686	3,000
Equals: Disposable personal income.....	82,484	45,165	70,167	151,060	158,916	169,494	188,352	186,427	204,261	222,600
Less: Personal consumption expenditures.....	78,701	40,346	67,406	123,079	146,907	165,570	177,890	180,174	193,568	205,500
Equals: Personal saving.....	3,723	-1,181	2,761	27,981	12,009	3,924	10,462	6,253	10,693	17,200

¹ Preliminary. Revised totals, appearing in July 1952 issue, *Survey of Current Business*, as follows (in millions): 1949, \$205,807; 1950, \$226,312; 1951, \$254,075.

² Includes compensation for injuries, employer contributions to private pension and welfare funds, and other payments.

³ Includes business and professional income, farm income, and rental income of unincorporated enterprise; also the noncorporate inventory valuation adjustment.

⁴ Includes government social insurance benefits, direct relief, mustering-out pay, veterans' readjustment allowances and other payments, as well as consumer bad debts and other business transfers.

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, February 1952, and *National Income Supplement*, 1951.

No. 306.—PERSONAL CONSUMPTION EXPENDITURES: 1929 TO 1951

[Millions of dollars. 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]

TYPE OF PRODUCT	1929	1933	1939	1945	1946	1947	1948	1949	1950	1951
Total.....	78,761	46,346	67,466	123,079	146,907	165,570	177,890	180,588	194,277	207,972
Durable commodities.....	9,362	3,503	6,729	8,472	16,573	21,369	22,883	23,840	26,152	27,120
Nondurable commodities.....	37,742	22,254	35,258	74,886	85,849	95,142	100,889	99,223	102,760	113,605
Services.....	31,657	20,589	25,479	39,721	44,485	49,059	54,118	57,525	62,365	67,347
Food and tobacco.....	21,374	12,777	21,072	45,024	53,738	60,483	63,884	63,145	65,748	73,801
Clothing, accessories, and jewelry.....	11,018	5,265	8,269	20,247	22,419	23,144	24,213	23,007	23,025	24,630
Personal care.....	1,116	680	1,004	2,077	2,186	2,261	2,245	2,216	2,303	2,415
Housing.....	11,421	7,849	8,940	12,205	13,047	14,603	16,466	18,080	19,877	21,765
Household operation.....	10,509	6,396	9,461	14,865	19,012	22,717	24,450	23,540	26,451	27,383
Medical care and death expenses.....	3,020	2,397	2,386	5,902	7,015	7,812	8,496	8,885	9,463	10,145
Personal business.....	5,221	3,063	3,725	4,787	5,536	6,232	7,024	7,576	8,741	9,502
Transportation.....	7,496	3,920	6,250	6,694	11,048	14,870	16,867	19,274	22,526	21,788
Recreation.....	4,327	2,199	3,446	6,314	8,934	9,733	10,031	10,276	11,330	11,308
Private education and research.....	1,684	481	628	871	1,033	1,316	1,515	1,063	1,793	1,847
Religious and welfare activities.....	1,196	872	938	1,572	1,605	1,589	1,745	1,762	1,857	1,955
Foreign travel and remittances, net.....	799	367	317	1,021	734	804	954	1,104	1,163	1,373

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, July 1952.

No. 307.—DISPOSABLE PERSONAL INCOME IN CURRENT AND 1951 PRICES: 1929 TO 1951

PERIOD	TOTAL DISPOSABLE PERSONAL INCOME (BILLIONS OF DOLLARS)		PER CAPITA DISPOSABLE INCOME (DOLLARS)		Population ² (thousands)
	Current prices	1951 prices ¹	Current prices	1951 prices ¹	
1929.....	82.5	123.7	678	1,016	121,770
1930.....	73.7	115.5	599	999	125,077
1931.....	63.0	110.3	508	890	124,040
1932.....	47.8	94.8	383	780	124,840
1933.....	45.2	94.2	360	750	125,579
1934.....	51.6	101.8	408	805	126,374
1935.....	58.0	112.2	456	882	127,250
1936.....	66.1	127.1	516	992	128,053
1937.....	71.1	131.4	552	1,020	128,825
1938.....	65.5	124.3	505	958	129,825
1939.....	70.2	134.5	536	1,027	130,880
1940.....	75.7	143.9	573	1,089	132,114
1941.....	92.0	164.9	660	1,237	133,377
1942.....	116.7	186.1	866	1,381	134,831
1943.....	132.4	193.3	968	1,413	136,719
1944.....	147.0	204.5	1,062	1,477	138,890
1945.....	151.1	203.4	1,080	1,454	139,934
1946.....	158.9	199.1	1,124	1,400	141,398
1947.....	169.5	193.1	1,176	1,339	144,129
1948.....	188.4	203.2	1,285	1,386	146,621
1949.....	186.4	203.3	1,250	1,363	149,149
1950.....	204.3	219.0	1,347	1,444	151,689
1951 ³	222.8	222.8	1,443	1,443	154,353

¹ Dollar estimates in current prices divided by an over-all price index for personal consumption expenditures. This price index was based on Department of Commerce data shifted from a 1939 base.

² Estimated population of continental United States including armed forces overseas; as of July 1.

³ Estimates based on incomplete data.

Source: Council of Economic Advisers; *The Economic Report of the President*, January 1952.

NO. 308.—NATIONAL INCOME BY INDUSTRIAL ORIGIN: 1929 TO 1950

[In millions of dollars. National income (for definition, see text, p. 250) 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]

INDUSTRIAL DIVISION	1929	1933	1939	1945	1946	1947	1948	1949 ¹	1950 ¹
All industries, total	87,355	39,584	72,532	182,691	180,286	198,688	223,469	216,716	238,963
Agriculture, forestry, and fisheries.....	8,002	3,621	6,120	15,642	18,251	19,424	21,829	17,033	17,057
Farms.....	7,791	3,402	5,951	15,276	17,821	18,949	21,810	10,542	17,131
Mining, total.....	2,097	692	1,601	2,789	3,071	4,350	5,445	4,580	5,038
Metal.....	478	41	348	340	324	557	680	610	703
Anthracite.....	285	130	126	210	286	302	343	267	283
Bituminous and other soft-coal.....	652	255	503	1,204	1,241	1,827	2,112	1,551	1,763
Crude petroleum and natural gas.....	486	105	497	705	925	1,293	1,870	1,709	1,780
Nonmetallic mining and quarrying.....	196	41	127	222	295	371	434	452	409
Contract construction.....	3,601	735	2,254	4,671	6,651	8,550	10,551	10,504	12,204
Manufacturing, total.....	22,012	7,563	17,936	51,918	48,905	59,459	67,215	63,157	74,075
Food and kindred products.....	2,157	1,335	2,280	5,009	5,573	5,822	6,937	6,500	6,635
Tobacco manufactures.....	258	142	298	243	332	370	420	467	528
Textile-mill products.....	1,797	607	1,250	2,673	4,016	4,687	5,229	4,120	4,592
Apparel and other finished fabric products.....	1,240	532	1,016	2,726	3,242	3,342	3,441	3,285	3,297
Lumber and timber basic products.....	850	122	491	1,067	1,433	1,014	2,204	1,733	2,220
Furniture and finished lumber products.....	678	183	508	1,052	1,378	1,535	1,762	1,008	1,881
Paper and allied products.....	563	290	555	1,336	1,700	2,224	2,377	2,192	2,050
Printing, publishing, etc.....	1,580	790	1,206	2,250	2,724	3,073	3,277	3,360	3,593
Chemicals and allied products.....	1,136	690	1,205	3,250	3,837	3,846	4,383	4,444	5,020
Products of petroleum and coal.....	993	17	458	1,328	1,670	2,488	3,632	2,050	3,391
Rubber products.....	355	103	279	910	1,000	1,126	1,083	989	1,002
Leather and leather products.....	601	270	423	898	1,071	1,113	1,213	1,088	1,193
Stone, clay, and glass products.....	799	208	662	1,147	1,551	1,861	2,154	2,092	2,091
Iron and steel and their products.....	2,978	682	2,250	7,376	6,588	7,047	8,713	7,783	10,377
Nonferrous metals and their products.....	767	155	594	1,059	1,748	1,934	2,079	1,954	2,203
Machinery (except electrical).....	1,903	426	1,492	5,191	4,820	6,324	7,115	6,324	7,352
Electrical machinery.....	1,048	270	850	3,047	2,301	3,432	3,601	3,484	4,790
Transportation equipment (except automobiles).....	317	69	397	7,732	1,703	1,546	1,874	1,912	2,010
Automobiles and auto. equipment.....	1,394	384	1,188	1,120	1,020	3,557	4,132	4,949	6,063
Wholesale and retail trade, total.....	13,090	5,375	12,126	27,999	34,137	37,324	42,192	41,707	43,269
Wholesale trade.....	3,955	1,631	3,558	7,598	9,512	10,850	12,611	12,287	12,264
Retail trade and auto. services.....	9,135	3,744	8,568	20,401	24,625	26,474	29,581	29,420	31,015
Finance, insurance, and real estate, total.....	13,008	5,681	8,216	13,278	14,696	15,066	17,780	18,439	20,251
Banking.....	1,900	493	870	1,854	2,200	2,180	2,444	2,599	2,827
Insurance carriers.....	788	514	854	1,008	1,083	1,281	1,763	1,947	2,134
Insurance agents and combination offices.....	533	367	491	754	908	1,094	1,219	1,238	1,390
Real estate.....	8,978	4,000	5,075	9,070	9,823	10,524	11,583	11,880	12,951
Transportation, total.....	6,562	2,958	4,543	10,405	10,182	11,451	12,041	11,018	13,236
Railroads.....	4,000	1,849	2,735	6,034	5,472	6,311	7,101	6,426	7,199
Highway freight, etc.....	482	350	642	1,383	1,073	1,046	2,240	2,296	2,794
Communications and public utilities, total.....	2,878	2,000	2,803	4,283	4,850	5,157	5,939	6,552	7,245
Telephone, telegraph, etc.....	1,130	692	1,008	1,772	1,987	2,085	2,471	2,695	2,980
Utilities: electric and gas.....	1,640	1,237	1,716	2,240	2,869	2,748	3,109	3,573	3,852
Services, total.....	10,168	5,447	8,080	14,135	16,614	18,345	19,821	20,305	22,009
Hotels and lodging places.....	577	193	436	1,005	1,180	1,177	1,215	1,211	1,225
Personal services.....	1,220	667	1,001	2,065	2,452	2,555	2,573	2,509	2,594
Private households.....	3,117	1,177	1,761	2,445	2,891	3,070	3,369	3,624	4,272
Medical and health services.....	1,522	937	1,365	2,450	2,900	3,363	3,740	3,956	4,314
Legal services.....	689	561	692	974	1,165	1,280	1,467	1,497	1,583
Government and government enterprises, total.....	5,114	5,349	8,550	37,423	22,647	18,529	19,690	21,804	23,434
Federal—general government.....	900	1,187	3,444	30,614	14,741	9,356	8,022	9,790	10,783
Federal—govt. enterprises.....	581	485	716	1,163	1,404	1,426	1,612	1,790	1,891
State and local—general govt.....	3,456	3,531	4,185	5,296	6,080	7,262	8,517	9,445	10,143
State and local—govt. enterprises.....	177	146	205	390	422	485	552	590	617
Rest of the world ²	643	293	243	158	282	403	447	458	545

¹ Preliminary. Revised totals, appearing in July 1952 issue, *Survey of Current Business*, as follows (in millions): 1949, \$216,259; 1950, \$239,170.

² Profits received by domestic corporations from foreign branches excluded here and included in industry of recipient corporation.

Source: Department of Commerce, Office of Business Economics; *National Income Supplement to Survey of Current Business*, 1951.

No. 309.—INCOME PAYMENTS TO INDIVIDUALS, BY STATES: 1929 TO 1950

"Income payments to individuals" is a measure of income received from all sources during the calendar year by the residents of each State. For six States and the District of Columbia, however, totals shown below are not strictly measures of income received by residents. Totals for District of Columbia, New York, and Maine are too high—and those for Maryland, Virginia, New Jersey, and New Hampshire too low—in terms of measures of total income received by residents. Estimates shown here for D. C. include income paid out to residents of Maryland and Virginia employed in D. C., but exclude income of D. C. residents employed in these 2 States. Estimates for New York include income paid to residents of New Jersey employed in New York, but do not include income of New York residents employed in New Jersey. Similarly, estimates for Maine include income paid to residents of New Hampshire employed in Maine. In computation of per capita income for these 7 States, income totals shown here were first adjusted to a residence basis before division by population. Following are amounts (in millions) of adjustments for 1950: District of Columbia, -488; Maryland, +249; Virginia, +239; New York, -480; New Jersey, +480; Maine, -15; New Hampshire, +15. For definition of income payments to individuals, see text, p. 250]

STATE	AMOUNT (MILLIONS OF DOLLARS)						PER CAPITA (DOLLARS)					
	1929	1933	1939	1945	1949	1950	1929	1933	1939	1945	1949	1950
United States.....	82,617	46,273	70,601	157,190	196,128	217,245	680	368	539	1,191	1,320	1,436
Alabama.....	802	419	681	2,056	2,305	2,561	305	154	242	732	707	836
Arizona.....	245	120	227	604	826	935	573	263	461	1,007	1,138	1,240
Arkansas.....	562	288	478	1,248	1,426	1,578	305	152	246	716	777	825
California.....	5,217	3,113	5,047	13,882	16,731	18,542	946	511	741	1,466	1,594	1,751
Colorado.....	633	358	563	1,274	1,686	1,864	516	336	505	1,143	1,350	1,392
Connecticut.....	1,459	888	1,301	2,604	3,195	3,556	918	540	764	1,483	1,593	1,760
Delaware.....	218	127	203	399	531	609	199	513	771	1,390	1,055	1,909
District of Columbia.....	638	495	813	1,617	1,891	2,057	1,191	806	1,031	1,405	1,728	1,986
Florida.....	695	425	819	2,521	2,932	3,376	484	272	442	1,045	1,094	1,210
Georgia.....	956	596	901	2,484	2,931	3,351	329	200	290	764	872	960
Idaho.....	230	115	213	540	698	763	518	242	411	1,100	1,220	1,287
Illinois.....	7,036	3,335	5,285	10,849	14,034	15,329	932	481	671	1,410	1,627	1,752
Indiana.....	1,877	978	1,688	4,113	5,096	5,735	583	296	495	1,199	1,308	1,451
Iowa.....	1,348	644	1,185	2,451	3,327	3,737	546	258	468	1,105	1,304	1,417
Kansas.....	997	474	692	1,920	2,288	2,567	532	258	383	1,157	1,228	1,338
Kentucky.....	964	534	839	1,967	2,469	2,694	371	199	297	760	863	911
Louisiana.....	862	487	828	2,018	2,645	2,899	415	222	354	832	1,005	1,045
Maine.....	449	267	400	867	1,017	1,083	566	304	474	1,049	1,105	1,161
Maryland.....	1,106	720	1,074	2,539	3,054	3,389	793	441	634	1,272	1,401	1,547
Massachusetts.....	3,787	2,886	3,106	5,606	6,874	7,620	897	553	719	1,330	1,440	1,600
Michigan.....	3,543	1,641	3,054	6,902	8,937	10,128	745	348	591	1,200	1,425	1,583
Minnesota.....	1,443	812	1,378	2,699	3,634	3,908	566	307	497	1,066	1,246	1,332
Mississippi.....	544	266	436	1,224	1,319	1,623	273	123	201	598	635	698
Missouri.....	2,210	1,244	1,832	3,881	5,027	5,560	612	397	486	1,101	1,287	1,401
Montana.....	325	168	288	579	782	960	602	290	515	1,251	1,391	1,605
Nebraska.....	764	374	523	1,370	1,607	1,961	557	275	397	1,150	1,298	1,467
Nevada.....	74	43	84	215	265	300	817	447	767	1,483	1,667	1,875
New Hampshire.....	302	200	268	467	614	672	652	420	548	1,117	1,208	1,282
New Jersey.....	3,298	1,685	2,859	5,797	6,993	7,744	947	535	746	1,474	1,561	1,689
New Mexico.....	161	90	179	466	673	766	383	196	341	857	1,065	1,109
New York.....	14,479	8,509	11,301	20,647	26,068	28,301	1,125	644	825	1,641	1,735	1,894
North Carolina.....	966	677	1,090	2,651	3,351	3,880	309	205	308	767	850	951
North Dakota.....	264	125	209	579	701	811	389	190	325	1,111	1,202	1,298
Ohio.....	4,920	2,601	4,164	9,122	11,340	12,590	748	386	603	1,326	1,420	1,582
Oklahoma.....	1,079	537	796	1,839	2,280	2,388	455	226	340	894	1,076	1,070
Oregon.....	603	337	587	1,671	2,068	2,322	460	337	544	1,281	1,385	1,523
Pennsylvania.....	7,335	4,027	5,819	11,469	14,302	16,058	767	414	589	1,264	1,374	1,523
Rhode Island.....	679	366	480	952	1,105	1,230	851	538	678	1,317	1,397	1,561
South Carolina.....	438	299	493	1,319	1,583	1,762	252	167	261	697	790	831
South Dakota.....	288	118	227	624	732	863	417	172	351	1,153	1,184	1,308
Tennessee.....	905	516	853	2,495	2,840	3,171	340	190	295	868	899	962
Texas.....	2,668	1,552	2,554	6,676	9,155	9,868	465	257	401	978	1,193	1,278
Utah.....	272	143	243	668	810	883	535	275	443	1,060	1,196	1,271
Vermont.....	216	127	174	332	406	450	601	351	483	1,031	1,106	1,184
Virginia.....	987	639	996	2,679	3,221	3,599	422	266	402	940	1,043	1,158
Washington.....	1,104	598	1,012	3,095	3,489	3,912	713	369	588	1,357	1,470	1,642
West Virginia.....	793	474	714	1,497	1,931	2,110	464	265	378	875	906	1,040
Wisconsin.....	1,849	938	1,514	3,488	4,457	4,941	634	312	485	1,184	1,340	1,431
Wyoming.....	154	87	141	289	407	439	687	369	597	1,180	1,475	1,509

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, August 1951.

No. 310.—PERCENT DISTRIBUTION OF FAMILY LIQUID ASSETS AND SAVING, BY INCOME GROUPS: 1950

[National estimate based on sample interview survey of 3,020 families, defined as all (one or more) persons living in same household and related by blood, marriage, or adoption. Universe covered is population of U. S. residing in private households during interview period, which was January through March 1951. Following groups are excluded: (1) Members of armed forces living at military reservations; (2) residents of hospitals and in religious, educational, and penal institutions; and (3) floating population, that is, people living in hotels, large boarding houses, and tourist camps. For liquid asset holdings of individuals and businesses, see table 464, p. 407]

ANNUAL 1950 MONEY INCOME BEFORE TAXES	Liquid assets ¹	Positive saving ²	Negative saving ²	Net saving ²
All income groups	100	100	100	100
Under \$1,000	5	1	19	-14
\$1,000-\$1,999	7	3	10	-2
\$2,000-\$2,999	11	7	18	-2
\$3,000-\$3,999	10	11	16	7
\$4,000-\$4,999	9	11	10	11
\$5,000-\$7,499	25	24	19	28
\$7,500 and over	33	43	8	72

¹ Liquid assets include all U. S. Government securities, checking accounts, savings accounts in banks, postal savings, and shares in savings and loan associations and credit unions held at time of survey in early 1951. Currency is excluded.

² Positive saving comprises the saving of all family units with money incomes in excess of expenditures, negative saving comprises the dissaving of all family units with expenditures in excess of money incomes, and net saving (plus or minus) is positive saving less negative saving for all family units combined. The survey does not undertake to measure directly consumer expenditures and taxes but measures the saving of each family by obtaining detailed information on the changes in the various asset and liability items that make up each unit's balance sheet of saving. The saving of each unit during the year is computed by subtracting algebraically the total change in its liabilities (plus or minus) from the total change in its assets (plus or minus). Positive saving results from a larger increase in assets than in liabilities or a larger decrease in liabilities than in assets. The reverse is true for negative saving. The more important asset and liability items for which information is obtained are changes in liquid asset holdings, changes in consumer indebtedness, net sales or purchases of stocks and bonds, payments of life insurance premiums, payments to retirement funds, net sales and purchases of houses, payments on house mortgages, house improvements, and investment or withdrawal of investment in unincorporated businesses. Capital gains or losses are excluded from saving.

Source: Board of Governors of the Federal Reserve System. Based on unpublished data from 1951 Survey of Consumer Finances conducted by Survey Research Center of University of Michigan for Board of Governors.

No. 311.—SHARE OF TOTAL MONEY INCOME RECEIVED BY EACH TENTH OF THE NATION'S SPENDING UNITS, BY SIZE OF INCOME: 1948, 1949, AND 1950

[Data for each year based on interviews in January-March of following year]

SPENDING UNITS RANKED FROM LOWEST TO HIGH- EST INCOME	PERCENT OF TOTAL MONEY INCOME BEFORE FEDERAL INCOME TAX						PERCENT OF TOTAL MONEY INCOME AFTER FEDERAL INCOME TAX ¹					
	By tenths			Cumulative			By tenths			Cumulative		
	1948	1949	1950	1948	1949	1950	1948	1949	1950	1948	1949	1950
Lowest tenth	1	1	1	1	1	1	1	1	1	1	1	1
Second tenth	3	3	3	5	4	4	4	3	3	5	4	4
Third tenth	5	5	5	10	9	9	5	5	5	10	9	9
Fourth tenth	6	6	6	16	15	15	7	7	7	17	16	16
Fifth tenth	8	8	8	23	23	23	8	8	8	25	24	24
Sixth tenth	9	9	9	32	32	32	9	9	10	34	33	34
Seventh tenth	10	11	11	42	42	43	10	11	11	44	44	45
Eighth tenth	12	12	13	54	55	56	12	13	13	56	57	58
Ninth tenth	15	15	15	69	70	71	15	15	15	71	72	73
Highest tenth	31	30	20	100	100	100	29	28	27	100	100	100

¹ Estimated liability on Federal income tax, excluding tax on capital gains. Tax liability was not obtained directly from interviews or from tax returns, but from comprehensive data on family composition and income obtained in connection with Consumer Finances Surveys. For method of estimating, see *Federal Reserve Bulletin*, Aug. 1950, pp. 961-962.

Source: Board of Governors of the Federal Reserve System. Based on data from 1949, 1950, and 1951 Surveys of Consumer Finances, conducted by Survey Research Center of University of Michigan for Board of Governors.

NO. 312.—PERCENT DISTRIBUTION OF SPENDING UNITS HAVING SPECIFIED CHARACTERISTICS, BY AMOUNT OF NET WORTH, EARLY 1950

[Net worth is defined as difference between total selected assets and total debt reported in interviews during January-March 1950. Selected assets include liquid assets (U. S. Government securities, checking accounts, savings accounts in banks, postal savings, and shares in savings and loan associations and credit unions), owner-occupied homes and farms, other real estate, farm machinery, crops and livestock, automobiles, interests in unincorporated nonfarm businesses and privately held corporations, and common and preferred stock in corporations open to investment by the general public. Liabilities include all forms of debt other than charge accounts. For method of computing net worth, see *Federal Reserve Bulletin*, December 1950, pp. 1610-1611. Net worth figures should be considered as minimum estimates because of omission of assets such as currency, corporate bonds, reserve value of life insurance policies, consumer durable goods other than automobiles, jewelry, etc., and because of under-reporting of assets covered.]

CHARACTERISTIC OF SPENDING UNIT	ALL CASES		AMOUNT OF NET WORTH					
	Number	Percent	Negative	\$1-\$999	\$1,000-\$4,999	\$5,000-\$24,999	\$25,000 and over	Not ascertained
All units.....	1 3,512	100	8	27	23	32	8	2
1949 money income before taxes:								
Under \$1,000.....	479	100	8	43	20	24	3	2
\$1,000-\$1,999.....	604	100	12	42	18	23	2	3
\$2,000-\$2,999.....	672	100	10	30	28	20	4	2
\$3,000-\$3,999.....	615	100	8	21	29	36	5	1
\$4,000-\$4,999.....	397	100	6	16	28	43	5	2
\$5,000-\$7,499.....	437	100	3	5	23	51	14	4
\$7,500 and over.....	209	100	(?)	1	6	35	55	3
Occupation of head of unit:								
Professional and semi-professional.....	287	100	7	17	31	34	10	1
Managerial and self-employed.....	466	100	2	5	15	48	22	8
Clerical and sales.....	438	100	6	33	28	28	4	1
Skilled and semi-skilled.....	895	100	10	31	28	29	1	1
Unskilled and service.....	344	100	17	37	26	19	1	1
Farm operators.....	410	100	3	12	10	40	22	4
Unemployed.....	187	100	11	43	20	23	1	2
Retired.....	180	100	1	27	9	44	19	(?)
Place of residence of unit:								
Metropolitan area.....	1,157	100	9	27	23	32	7	2
City, 50,000 to 800,000.....	494	100	10	32	23	28	5	2
Town, 2,500 to 50,000.....	769	100	7	28	22	33	7	3
Town, under 2,500.....	493	100	8	27	25	31	6	2
Open country.....	302	100	6	18	23	36	14	3
Age of head of unit:								
18-24.....	342	100	14	59	19	5	1	2
25-34.....	779	100	13	31	33	19	2	2
35-44.....	777	100	8	23	25	34	7	3
45-54.....	670	100	6	16	23	43	11	2
55-64.....	405	100	5	17	19	46	13	3
65 and over.....	419	100	1	26	15	42	14	2
Years married:								
Not married ¹	996	100	7	42	24	20	5	2
Less than 3.....	205	100	17	36	25	16	4	2
3-4.....	250	100	13	29	30	22	4	2
5-9.....	377	100	10	21	31	30	5	3
10-19.....	693	100	9	20	22	38	8	3
20 and over.....	972	100	4	14	18	48	13	3

¹ Includes spending units headed by students, housewives, etc., not included in occupational classification.

² Less than one-half of 1 percent.

³ Includes those divorced, separated, or widowed.

Source: Board of Governors of the Federal Reserve System. Based on 1950 Survey of Consumer Finances conducted by Survey Research Center of University of Michigan for Board of Governors.

MONEY INCOME DISTRIBUTION

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NO. 313.—PERCENT OF MONEY INCOME RECEIVED BY EACH FIFTH OF THE NATION'S FAMILIES AND SINGLE PERSONS

[Data for "families and single persons" not on comparable basis with data for "spending units" in table 311]

FAMILIES AND SINGLE PERSONS RANKED FROM LOWEST TO HIGHEST INCOME	PERCENTAGE OF MONEY INCOME				AVERAGE MONEY IN- COME IN DOLLARS OF 1948 PURCHASING POWER ¹			PERCENT INCREASE IN AVERAGE IN- COME	
	1935-36	1941	1944	1948	1935-36	1941	1948	1935-36 to 1948	1941 to 1948
All groups.....	100.0	100.0	100.0	100.0	\$2,664	\$3,396	\$4,231	59	25
Lowest fifth.....	4.0	3.5	3.6	4.2	534	592	893	67	51
Second fifth.....	8.7	9.1	10.1	10.5	1,159	1,546	2,232	93	44
Third fifth.....	13.6	15.3	15.3	15.1	1,810	2,607	3,410	88	31
Fourth fifth.....	20.5	22.5	23.0	22.3	2,734	3,816	4,711	72	23
Highest fifth.....	53.2	49.6	47.0	40.9	7,083	8,418	9,911	40	18

¹ Current dollars divided by consumers' price index on base 1948=100 to give a rough measure of changes in purchasing power of income.

Sources: 1935-36, National Resources Planning Board; 1941, Department of Labor; 1944, National Bureau of Economic Research; and 1948, Council of Economic Advisers. Published in *Economic Report of the President*, January 1950 and July 1951.

NO. 314.—INCOME SHARES OF UPPER AND LOWER GROUPS OF TOTAL POPULATION: 1919 TO 1948

[Data are based on comparisons between Federal tax data and countrywide totals of income receipts by individuals. Individuals' incomes underlying the basic and economic income variants are defined as receipts for the participation of individuals or of their property in the production process; include employee compensation and other payments to labor, entrepreneurial income, rent, interest, dividends; exclude capital gains and other transfers and do not allow deductions except of business expenses. The basic variant is a first approximation to shares in income thus defined. The economic income variant represents an adjustment of the basic variant to take account of some items omitted from the tax data (compensation of nonfederal government employees and imputed rent on owner-occupied houses), to allow for a finer division of tax returns by distinguishing between head of family and nonhead returns, and to allow for the effect of classifying returns by net income, as defined for tax purposes, instead of by economic income. The disposable income variant measures shares in individuals' incomes after deducting Federal income taxes and including gains and losses from sales of assets. See also *Historical Statistics*, series A 105-197]

YEAR	PERCENTAGE OF INDIVIDUALS' INCOMES RECEIVED BY—								
	Top 1 percent	2d to 5th percent-age band	Lower 95 percent	Top 1 percent			Top 5 percent		
				Basic variant	Economic income variant	Dispos-able income variant	Basic variant	Economic income variant	Dispos-able income variant
1910.....	12.8	10.1	77.1	12.8	14.0	12.2	22.9	26.1	24.3
1920.....	12.3	9.7	77.0	12.3	13.6	11.8	22.1	25.8	24.0
1921.....	13.5	12.0	74.5	13.5	16.2	14.2	25.5	31.7	29.3
1922.....	13.4	11.4	75.2	13.4	15.6	14.4	24.8	30.4	29.0
1923.....	12.3	10.6	77.1	12.3	14.0	13.1	22.0	28.1	27.0
1924.....	12.9	11.4	75.7	12.9	14.7	14.3	24.3	29.1	28.7
1925.....	13.7	11.5	74.8	13.7	15.7	16.5	25.2	30.2	31.1
1926.....	13.0	11.3	74.8	13.0	15.8	16.3	25.2	30.2	30.8
1927.....	14.4	11.6	74.0	14.4	16.5	17.2	26.0	31.2	31.9
1928.....	14.9	11.8	73.2	14.9	17.2	19.1	26.8	32.1	34.1
1929.....	14.5	11.6	73.0	14.5	17.2	18.9	26.1	31.9	33.5
1930.....	13.8	11.8	74.3	13.8	15.6	15.1	25.7	30.7	30.3
1931.....	13.3	12.9	73.8	13.3	15.6	14.6	26.2	32.0	31.2
1932.....	12.9	13.1	74.0	12.9	15.3	12.3	26.0	32.1	29.6
1933.....	12.1	12.5	75.4	12.1	14.4	12.6	24.6	30.8	29.3
1934.....	12.0	11.9	76.0	12.0	13.6	12.4	24.0	29.1	27.8
1935.....	12.1	11.7	76.2	12.1	13.6	12.8	23.8	28.8	27.9
1936.....	13.4	11.4	75.2	13.4	14.7	13.7	24.8	29.3	28.3
1937.....	13.0	11.1	75.9	13.0	14.1	13.0	24.1	28.5	27.4
1938.....	11.5	11.4	77.0	11.5	12.8	12.1	23.0 ^a	27.8	27.0
1939.....	11.9	11.8	76.3	11.9	13.3	12.3	23.7	28.1	27.1
1940.....	12.0	11.0	77.0	12.0	13.0	11.5	23.0	27.1	25.7
1941.....	11.5	10.6	77.8	11.5	12.5	10.0	22.2	26.0	23.2
1942.....	10.2	9.0	80.8	10.2	10.8	7.9	19.2	22.7	19.2
1943.....	9.5	8.5	82.0	9.5	10.1	6.5	18.0	21.1	16.8
1944.....	8.7	8.1	83.2	8.7	9.1	6.7	16.8	18.9	15.9
1945.....	8.9	8.7	82.4	8.9	9.5	7.4	17.6	19.5	16.8
1946.....	9.1	9.3	81.6	9.1	9.7	7.8	18.4	20.2	17.9
1947.....	8.6	9.0	82.4	8.6	(^b)	(^b)	17.6	(^b)	(^b)
1948.....	8.5	9.4	82.2	8.5	(^b)	(^b)	17.8	(^b)	(^b)

No. 315.—AVERAGE MONEY INCOME, EXPENDITURES AND SAVINGS OF FAMILIES AND SINGLE PERSONS IN CITIES, BY INCOME CLASS: 1944

(Estimates based on sample survey of 1,700 consumer units in cities of 2,500 inhabitants or more. Data relate to all civilians except inmates of institutions. Families are defined as economic units of two or more persons contributing to or mainly dependent on a common or pooled income. Single persons are those who live alone or as lodgers or servants in private homes, rooming houses or hotels)

ITEM	ANNUAL MONEY INCOME AFTER PERSONAL TAXES								
	Under \$500	\$500-1,000	\$1,000-1,500	\$1,500-2,000	\$2,000-2,500	\$2,500-3,000	\$3,000-4,000	\$4,000-5,000	\$5,000 and over
ALL FAMILIES AND SINGLE PERSONS									
Percent of families in each class.....	4.2	7.7	7.1	11.9	13.9	13.2	19.9	9.6	12.5
Average number of persons ¹	1.42	1.82	2.11	2.55	2.77	3.00	3.61	3.97	4.02
Average number of earners ².....	.38	.68	1.07	1.16	1.22	1.28	1.56	1.96	2.08
Money income after personal taxes ³	\$291	\$764	\$1,243	\$1,769	\$2,251	\$2,747	\$3,481	\$4,406	\$7,634
Expenditures, current.....	594	939	1,317	1,690	1,946	2,375	2,816	3,428	4,324
Food.....	235	368	506	646	747	908	1,034	1,147	1,383
Clothing.....	41	82	157	231	268	353	456	621	835
Housing, ⁴ fuel, light, and refrigeration.....	178	231	285	328	379	424	484	546	635
Household operation.....	33	50	64	81	89	109	140	166	306
Furnishings and equipment.....	5	24	33	43	52	84	92	131	159
Automobile.....	6	13	36	42	61	104	122	175	171
Other transportation.....	6	21	28	47	53	52	63	83	114
Medical care.....	48	67	78	93	95	119	147	191	260
Personal care.....	12	20	34	42	46	55	64	84	109
Recreation.....	7	15	25	45	52	62	82	104	137
Tobacco.....	7	16	25	40	40	47	58	70	75
Reading.....	8	11	15	18	21	27	32	38	43
Formal education.....	1	2	1	2	8	14	13	29	41
Other.....	9	19	30	20	35	17	29	43	55
Personal taxes ⁵	1	33	70	124	198	283	407	564	2,567
Gifts and contributions.....	17	31	52	82	92	136	127	211	454
Net savings or deficit.....	-320	-206	-126	-3	213	236	538	767	2,856
War bonds ⁶	16	62	40	117	163	230	323	414	1,193
Life and annuity insurance premiums.....	10	20	43	50	64	80	108	141	260
Other ⁷	-346	-288	-200	-170	-14	-74	107	212	1,394
FAMILIES OF 2 OR MORE PERSONS									
Percent of families in each class.....	1.5	5.2	5.3	10.7	14.0	14.7	23.0	11.2	14.4
Average number of persons ¹	2.45	2.45	2.78	3.03	3.10	3.13	3.69	4.01	4.13
Average number of earners ².....	.35	.72	1.15	1.22	1.27	1.31	1.57	1.97	2.12
Money income after personal taxes ³	\$313	\$776	\$1,243	\$1,779	\$2,259	\$2,757	\$3,480	\$4,408	\$7,595
Expenditures, current.....	887	1,053	1,407	1,788	2,051	2,410	2,838	3,439	4,505
Food.....	374	454	555	701	797	913	1,043	1,180	1,386
Clothing.....	42	80	163	234	283	364	402	623	848
Housing, ⁴ fuel, light and refrigeration.....	267	251	298	341	394	430	488	547	616
Household operation.....	56	47	66	83	93	110	140	166	205
Furnishings and equipment.....	5	25	39	49	60	88	95	132	167
Automobile.....	16	19	29	42	69	105	119	177	171
Other transportation.....	7	20	26	44	50	51	63	84	109
Medical care.....	62	88	94	105	104	123	149	190	265
Personal care.....	21	19	33	41	48	56	65	84	110
Recreation.....	3	15	28	46	55	63	82	105	137
Tobacco.....	16	15	21	41	41	48	59	71	76
Reading.....	14	13	14	18	22	27	31	37	43
Formal education.....	1	2	2	11	9	15	13	20	42
Other.....	13	25	39	32	26	17	29	44	50
Personal taxes ⁵	2	13	32	86	180	270	402	559	2,385
Gifts and contributions.....	26	30	47	66	86	110	119	203	454
Net savings or deficit.....	-600	-307	-211	-75	122	228	523	796	2,836
War bonds ⁶	15	81	28	82	147	233	316	410	1,206
Life and annuity insurance premiums.....	14	25	40	59	70	83	109	140	263
Other ⁷	-629	-413	-279	-216	-95	-88	98	218	1,367

¹ Family size based on equivalent persons, with 52 weeks of family membership considered equivalent to 1 person; 26 weeks equivalent to 0.5 person, etc.

² Earner defined as a family member that worked for pay (as wage or salary worker or on his own account) at any time during year.

³ Personal taxes (income, poll and personal property) have been deducted from money income. Total money income may be obtained by combining amounts shown for both items. Inheritances and large gifts are not considered current income; inheritances and gift taxes excluded from personal taxes.

⁴ Includes expenditures for alcoholic beverages.

⁵ Includes rents for tenant-occupied dwellings and for lodging away from home and current operation expenses of home owners. Excludes principal payments on mortgages on owned homes.

⁶ Value of bonds purchased less those cashed.

⁷ Represents differences between income and expenditures plus net war bond purchases and insurance premium payments. Includes amounts deducted for social security, retirement plans, etc., not available separately.

Source: Department of Labor, Bureau of Labor Statistics; *Monthly Labor Review*, January 1946.

No. 316.—FAMILIES AND UNRELATED INDIVIDUALS, BY INCOME LEVEL IN 1949 AND RESIDENCE, BY REGIONS (WITH NONWHITE FOR THE UNITED STATES AND THE SOUTH): 1950

[In thousands, except median income. Based on preliminary sample from 1952 Census returns. See source for explanation of sampling variability. For explanation of urban and rural areas, see p. 2]

RESIDENCE AND INCOME LEVEL	UNITED STATES		North-east	North Central	SOUTH		West
	Total	Non-white			Total	Non-white	
Total.....	49,580	4,858	13,041	14,946	14,550	2,988	7,043
Number reporting.....	46,310	4,602	11,893	14,012	13,740	2,854	6,065
Under \$500.....	6,336	1,106	1,557	1,684	2,360	778	736
\$500 to \$999.....	4,272	888	730	1,164	1,815	655	573
\$1,000 to \$1,499.....	3,882	708	781	1,054	1,528	489	519
\$1,500 to \$1,999.....	3,616	546	820	982	1,326	352	487
\$2,000 to \$2,499.....	4,274	491	1,116	1,260	1,301	258	600
\$2,500 to \$2,999.....	3,931	200	1,113	1,281	1,024	121	513
\$3,000 to \$3,499.....	4,447	232	1,304	1,443	1,032	79	608
\$3,500 to \$3,999.....	3,428	109	927	1,183	781	32	587
\$4,000 to \$4,499.....	2,783	73	818	912	586	24	468
\$4,500 to \$4,999.....	1,883	37	507	620	439	12	307
\$5,000 to \$5,999.....	2,900	60	852	1,018	634	24	486
\$6,000 to \$6,999.....	1,508	32	465	520	348	13	205
\$7,000 to \$9,999.....	1,760	26	527	576	378	14	279
\$10,000 and over.....	1,111	6	376	318	239	1	177
Income not reported.....	3,270	256	1,148	933	810	134	378
Median income.....	\$2,500	\$1,217	\$2,024	\$2,841	\$1,940	\$995	\$2,007
Urban and rural nonfarm.....	43,338	4,172	12,515	12,838	11,519	2,348	6,467
Number reporting.....	40,344	3,035	11,408	11,984	10,833	2,232	6,119
Under \$500.....	5,205	852	1,471	1,411	1,049	536	674
\$500 to \$999.....	3,285	684	680	933	1,141	450	525
\$1,000 to \$1,499.....	3,117	607	732	814	1,118	397	455
\$1,500 to \$1,999.....	3,006	500	774	768	1,035	313	430
\$2,000 to \$2,499.....	3,710	464	1,002	1,031	1,084	235	533
\$2,500 to \$2,999.....	3,517	278	1,069	1,098	879	110	471
\$3,000 to \$3,499.....	4,078	228	1,272	1,292	886	76	628
\$3,500 to \$3,999.....	3,183	106	801	1,079	657	32	556
\$4,000 to \$4,499.....	2,569	71	787	808	540	22	434
\$4,500 to \$4,999.....	1,773	30	495	575	414	12	290
\$5,000 to \$5,999.....	2,803	55	838	935	572	20	459
\$6,000 to \$6,999.....	1,474	20	453	455	313	10	253
\$7,000 to \$9,999.....	1,618	22	510	507	348	13	253
\$10,000 and over.....	1,006	5	368	277	202	1	159
Income not reported.....	2,904	237	1,106	855	685	116	348
Median income.....	\$2,763	\$1,355	\$2,058	\$2,971	\$2,219	\$1,156	\$2,970

Source: Department of Commerce, Bureau of the Census; 1950 Census of Population, *Preliminary Reports*, Series PC-7, No. 2.

No. 317.—DISTRIBUTION OF FAMILIES AND UNRELATED INDIVIDUALS IN HOUSEHOLDS, BY TOTAL MONEY INCOME, URBAN AND RURAL: 1947 TO 1950

[Based on samples of population residing in households only. Excludes small number of families and individuals residing in quasi households (hotels, large rooming houses, etc.). "Family" not used here with same meaning as in 1940 census. It refers to a group of two or more related persons residing in same household. "Unrelated individual" is used to refer to a person living alone or with persons not related to him. See source for evaluation of sampling reliability. For explanation of urban and rural areas, see p. 2]

TOTAL MONEY INCOME	FAMILIES AND INDIVIDUALS				FAMILIES				UNRELATED INDIVIDUALS			
	1947	1948	1949	1950	1947	1948	1949	1950	1947	1948	1949	1950
UNITED STATES												
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under \$500.....	8.4	7.9	9.4	9.4	4.3	4.8	5.9	5.8	31.0	26.0	27.1	28.1
\$500 to \$999.....	8.4	8.3	9.1	8.4	6.4	5.8	6.2	5.7	19.7	22.9	23.6	22.2
\$1,000 to \$1,499.....	8.7	8.0	7.9	6.9	7.8	7.1	7.2	6.2	13.4	13.0	11.0	10.6
\$1,500 to \$1,999.....	9.0	7.8	7.9	7.3	8.8	7.4	7.6	7.0	10.5	10.0	9.5	9.0
\$2,000 to \$2,499.....	11.0	10.2	10.2	9.0	11.3	10.4	10.2	9.0	9.3	9.4	9.9	9.3
\$2,500 to \$2,999.....	9.9	9.6	9.8	8.5	10.7	10.1	10.4	8.9	5.5	6.1	6.0	6.3
\$3,000 to \$3,499.....	10.1	10.7	10.1	10.7	11.4	11.6	11.2	11.6	3.3	5.5	4.5	5.7
\$3,500 to \$3,999.....	7.5	8.1	7.8	8.1	8.3	9.1	8.8	9.0	2.7	2.4	2.8	3.6
\$4,000 to \$4,499.....	6.0	6.7	5.9	6.9	6.9	7.6	6.8	7.9	1.1	1.5	1.9	2.0
\$4,500 to \$4,999.....	4.2	4.7	4.5	5.0	4.8	5.4	5.3	5.7	.8	1.1	.4	1.1
\$5,000 to \$5,999.....	6.7	7.1	6.8	7.7	7.7	8.1	7.8	9.0	.9	.8	1.4	1.0
\$6,000 to \$9,999.....	7.7	8.5	8.3	9.3	8.9	9.8	9.8	11.0	.8	.8	.7	.9
\$10,000 and over.....	2.5	2.5	2.3	2.8	2.7	2.8	2.6	3.2	1.0	.4	.4	.4
MEDIAN INCOME ¹												
Total.....	\$2,727	\$2,909	\$2,783	\$3,025	\$3,033	\$3,190	\$3,107	\$3,319	\$983	\$1,042	\$984	\$902
Urban and rural non-farm.....	2,900	3,101	2,989	3,188	3,207	3,391	3,324	3,497	1,077	1,148	1,042	1,079
Rural farm.....	1,781	1,861	1,462	1,790	1,958	2,034	1,687	1,970	682	533	600	532

¹ For definition of median, see headnote, table 23, p. 28.

No. 318.—DISTRIBUTION OF FAMILIES AND UNRELATED INDIVIDUALS BY TOTAL MONEY INCOME, URBAN AND RURAL: 1950

[Data based on sample. Includes data for families and individuals in quasi households, hotels, large rooming houses, etc., as well as households. See headnote, table 317]

TOTAL MONEY INCOME	FAMILIES AND INDIVIDUALS				FAMILIES				UNRELATED INDIVIDUALS			
	Total	Urban	Rural non-farm	Rural farm	Total	Urban	Rural non-farm	Rural farm	Total	Urban	Rural non-farm	Rural farm
Number (thousands).....	49,016	32,672	9,986	6,358	30,822	25,796	8,388	5,638	9,194	6,876	1,598	720
Percent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under \$500.....	9.8	7.3	11.2	10.9	5.8	3.3	6.3	16.1	27.8	23.0	37.4	49.6
\$500 to \$999.....	8.6	7.5	9.3	12.9	5.7	4.0	6.8	12.0	21.3	21.0	22.8	20.6
\$1,000 to \$1,499.....	7.0	5.9	7.4	11.5	6.2	4.7	6.9	11.9	10.4	10.8	9.6	8.3
\$1,500 to \$1,999.....	7.2	6.5	7.9	10.0	7.0	5.7	8.3	10.7	8.4	9.5	5.7	4.7
\$2,000 to \$2,499.....	9.0	8.2	10.8	9.9	8.9	8.0	11.1	10.1	9.3	9.4	9.2	8.3
\$2,500 to \$2,999.....	8.5	8.4	9.2	8.3	8.9	8.5	10.0	8.9	7.1	7.9	5.3	3.2
\$3,000 to \$3,499.....	10.7	11.4	10.1	7.9	11.7	12.4	11.4	8.6	6.4	7.7	3.1	2.1
\$3,500 to \$3,999.....	8.1	9.0	7.4	4.6	9.0	10.1	8.3	5.2	3.8	4.6	2.4	-----
\$4,000 to \$4,499.....	6.8	7.6	6.2	3.6	7.9	9.0	7.2	3.9	1.9	2.2	.9	1.2
\$4,500 to \$4,999.....	4.9	5.8	4.0	2.1	5.7	6.9	4.5	2.3	1.2	1.2	1.6	.6
\$5,000 to \$5,999.....	7.5	8.7	6.8	3.2	9.0	10.6	8.0	3.5	1.2	1.3	.9	.3
\$6,000 to \$9,999.....	4.3	5.1	3.5	1.7	5.2	6.3	4.1	1.9	.4	.4	.3	.3
\$7,000 to \$9,999.....	4.8	5.6	3.8	2.5	5.8	6.8	4.6	2.8	.6	.9	-----	-----
\$10,000 and over.....	2.7	3.1	2.3	1.9	3.3	3.8	2.6	2.1	.4	.3	.5	.9
Median income ¹	\$2,990	\$3,269	\$2,685	\$1,785	\$3,319	\$3,673	\$3,027	\$1,970	\$1,045	\$1,278	\$775	\$511

¹ For definition of median, see headnote, table 23, p. 28.

No. 319.—PERCENT DISTRIBUTION OF PRIMARY FAMILIES AND UNRELATED INDIVIDUALS WITH WAGE OR SALARY INCOME, BY WAGE OR SALARY INCOME AND RECEIPT OF NONWAGE INCOME, URBAN AND RURAL: 1939 TO 1950

[Based on samples of population residing in households only; see source for evaluation of sampling variability. Excludes small number of families and individuals residing in quasi households (hotels, large rooming houses, etc.). "Primary family" refers to head of household and all persons related to him. A "primary individual" refers to household head who has no relatives living with him. These terms were not used in 1940 Census. Wage or salary income includes all money received in compensation for work or services performed as employees, including commissions, tips, piece-rate payments, bonuses, Armed Forces pay, etc., as well as receipts commonly referred to as wages or salaries. It excludes value of income in kind, such as living quarters, meals, clothing, etc. A primary family was considered to have other income if any person 14 years of age and over in family had \$50 or more of income from sources other than money wages or salaries. For explanation of urban and rural areas, see p. 2.]

WAGE OR SALARY IN- COME AND RECEIPT OF NONWAGE INCOME	PRIMARY FAMILIES AND INDIVIDUALS										PRIMARY FAMILIES										PRIMARY UNRELATED INDIVIDUALS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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00.0	100.0	100.0	100.0	100.0

¹ Comparable figures not available.
² For definition of median, see headnote, table 23, p. 28. ³ Median not shown where there were fewer than 100 cases in the sample reporting "With income."
 Source: Department of Commerce, Bureau of the Census; *Income of Families and Persons in the United States, 1950*, Series P-60, No. 9.

No. 320.—DISTRIBUTION OF FAMILIES AND UNRELATED INDIVIDUALS BY TOTAL MONEY INCOME AND MAJOR SOURCE OF EARNINGS BY SIZE OF FAMILY, URBAN AND RURAL: 1950

[See headnote, table 318]

TOTAL MONEY INCOME AND MAJOR SOURCE OF EARNINGS	Total	Un- related indi- viduals	FAMILIES							Medi- an size of fam- ilies
			Total	With specified number of related persons in family						
				2	3	4	5	6	7 or more	
UNITED STATES										
Number.....(thousands).....	49,016	9,194	39,822	13,084	9,984	8,228	4,434	2,136	1,056	3.18
Percent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-----
Under \$500.....	9.8	27.8	5.8	9.2	4.3	3.6	3.1	4.7	7.0	2.46
\$500 to \$999.....	8.6	21.3	5.7	9.2	4.6	3.1	3.5	5.3	5.1	2.45
\$1,000 to \$1,499.....	7.0	10.4	6.2	8.0	5.3	3.8	5.6	4.8	8.6	2.73
\$1,500 to \$1,999.....	7.2	8.4	7.0	8.1	7.2	5.4	6.0	6.1	8.4	2.97
\$2,000 to \$2,499.....	9.0	9.3	8.9	9.8	8.9	8.1	8.0	6.5	8.9	3.08
\$2,500 to \$2,999.....	8.5	7.1	8.9	8.6	9.3	9.4	8.5	9.0	7.2	3.20
\$3,000 to \$3,499.....	10.7	6.4	11.7	10.8	12.0	13.2	11.6	9.8	11.4	3.27
\$3,500 to \$3,999.....	8.1	3.8	9.0	7.6	9.8	10.0	9.7	9.0	8.2	3.32
\$4,000 to \$4,499.....	6.8	1.9	7.9	6.2	8.8	9.0	8.7	8.5	6.4	3.36
\$4,500 to \$4,999.....	4.9	1.2	5.7	4.3	6.6	6.7	6.0	6.0	4.4	3.37
\$5,000 to \$5,999.....	7.5	1.2	9.0	7.2	9.7	10.7	10.7	7.9	7.0	3.38
\$6,000 to \$6,999.....	4.3	.4	5.2	4.3	5.2	5.7	6.1	6.8	5.4	3.42
\$7,000 to \$9,999.....	4.8	.6	5.8	3.6	5.1	7.4	8.6	7.0	8.4	3.78
\$10,000 and over.....	2.7	.4	3.3	2.5	3.1	4.0	3.8	4.6	3.7	3.57
Median income ¹	\$2,990	\$1,045	\$3,319	\$2,800	\$3,432	\$3,675	\$3,687	\$3,543	\$3,208	-----
NONFARM WAGES OR SALARY										
Number.....(thousands).....	34,344	5,209	29,135	8,842	7,655	6,317	3,362	1,563	1,396	3.25
Median income ¹	\$3,353	\$1,931	\$3,584	\$3,270	\$3,648	\$3,825	\$3,887	\$3,806	\$3,483	-----
NONFARM SELF-EMPLOYMENT										
Number.....(thousands).....	4,268	421	3,847	1,300	991	854	377	196	129	3.13
Median income ¹	\$3,522	\$1,250	\$3,821	\$2,905	\$3,883	\$4,424	\$4,607	(2)	(2)	-----
FARM WAGES OR SALARY										
Number.....(thousands).....	1,366	322	1,044	281	195	223	127	86	132	3.25
Median income ¹	\$1,366	\$694	\$1,571	\$1,006	(2)	\$1,863	(2)	(2)	(2)	-----
FARM SELF-EMPLOYMENT										
Number.....(thousands).....	3,379	202	3,177	875	720	612	449	244	208	3.48
Median income ¹	\$1,929	(2)	\$2,015	\$1,206	\$2,000	\$2,625	\$2,313	\$2,386	\$1,591	-----
NO EARNINGS ²										
Number.....(thousands).....	5,659	3,040	2,619	1,787	415	221	119	47	30	2.23
Median income ¹	\$644	\$475	\$923	\$914	\$366	\$944	(2)	(2)	(2)	-----

¹ For definition of median, see headnote, table 23, p. 28.

² Median not shown where there were fewer than 100 cases in the sample reporting on income.

³ Includes a relatively small number of families and unrelated individuals having no income as well as those having income other than earnings only.

Source: Department of Commerce, Bureau of the Census; *Income of Families and Persons in the United States: 1950*, Series P-60, No. 9.

No. 321.—DISTRIBUTION OF PERSONS 14 YEARS OF AGE AND OVER BY TOTAL MONEY INCOME IN 1950 AND MAJOR OCCUPATION GROUP IN APRIL 1951, BY SEX

[Data based on sample. See source for evaluation of sampling reliability]

TOTAL MONEY INCOME AND SEX	Total	EMPLOYED AS CIVILIANS IN APRIL 1951							
		Total em- ployed civi- lians	Professional, technical, and kindred workers			Farm- ers and farm man- agers	Managers, officials, and proprietors, ex- cept farm		
			Total	Self- em- ployed	Salu- ried		Total	Self- em- ployed	Salu- ried
MALE									
Number of persons....(thousands)...	52,592	42,134	2,962	624	2,338	3,921	5,184	3,037	2,147
Number of persons with income (thousands)...	47,585	41,081	2,943	621	2,322	3,888	5,162	3,025	2,137
Percent of those with income.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Loss.....	.7	.7	.2	—	.3	2.9	2.4	4.1	.2
\$1 to \$499.....	10.6	7.1	1.6	2.1	1.5	20.6	3.1	4.8	.9
\$500 to \$999.....	9.4	6.9	3.9	2.1	4.3	14.4	4.0	5.6	1.9
\$1,000 to \$1,499.....	8.0	7.1	3.4	4.1	3.2	12.2	4.8	7.2	1.5
\$1,500 to \$1,999.....	8.4	8.5	3.5	2.9	3.6	10.6	4.2	5.6	2.3
\$2,000 to \$2,499.....	11.4	12.3	6.4	3.3	7.1	10.6	7.6	9.6	4.9
\$2,500 to \$2,999.....	10.2	11.3	8.3	3.3	9.4	5.8	7.2	8.2	6.0
\$3,000 to \$3,499.....	12.5	14.0	11.1	6.6	12.1	6.5	10.7	9.4	12.6
\$3,500 to \$3,999.....	8.4	9.5	10.3	6.6	11.1	3.2	9.2	7.8	11.1
\$4,000 to \$4,499.....	6.2	7.0	9.5	2.9	11.0	2.9	7.2	5.2	10.0
\$4,500 to \$4,999.....	3.4	3.9	6.5	2.5	7.4	1.6	6.4	3.5	10.2
\$5,000 to \$5,999.....	4.6	5.1	12.6	12.4	12.6	3.1	10.5	7.9	14.1
\$6,000 to \$6,999.....	2.0	2.1	6.0	6.6	6.6	1.8	5.3	4.2	6.8
\$7,000 to \$9,999.....	2.0	2.3	7.5	13.2	6.2	1.7	6.9	6.3	7.6
\$10,000 and over.....	2.0	2.3	8.7	31.4	3.5	2.3	10.3	10.6	9.9
Median income.....	\$2,570	\$2,831	\$4,073	\$6,188	\$3,880	\$1,496	\$3,814	\$3,263	\$4,431

TOTAL MONEY INCOME AND SEX	EMPLOYED AS CIVILIANS IN APRIL 1951—continued								In armed forces or not em- ployed in April 1951
	Cleri- cal and kindred workers	Sales workers	Crafts- men, fore- men, and kindred workers	Opera- tives and kindred workers	Private house- hold workers	Service work- ers, except private house- hold	Farm labor- ers and foremen	Labor- ers, except farm and mine	
MALE									
Number of persons..(thousands)...	2, 624	2,312	8,320	8,797	54	2,392	1,732	3,835	10,458
Number of persons with income (thousands)...	2,574	2,242	8,263	8,675	44	2,308	1,308	3,673	9,504
Percent of those with income.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Loss.....	.2	.2	.1	.2	(2)	.6	.6	.2	.5
\$1 to \$499.....	3.6	9.4	2.0	3.9	(2)	7.5	34.4	11.6	31.9
\$500 to \$999.....	3.8	3.7	3.6	5.3	(2)	8.4	21.1	12.6	25.2
\$1,000 to \$1,499.....	4.3	4.7	4.4	5.8	(2)	9.4	17.0	14.2	13.6
\$1,500 to \$1,999.....	6.5	5.6	6.8	9.7	(2)	14.3	13.1	13.9	7.9
\$2,000 to \$2,499.....	14.3	11.3	10.6	15.9	(2)	10.4	7.7	18.4	6.1
\$2,500 to \$2,999.....	13.1	12.3	11.8	15.7	(2)	14.9	3.2	11.7	3.9
\$3,000 to \$3,499.....	20.6	10.8	18.3	19.2	(2)	12.8	1.6	9.5	3.6
\$3,500 to \$3,999.....	14.5	10.0	13.9	10.6	(2)	7.5	.3	4.7	2.0
\$4,000 to \$4,499.....	9.1	8.5	11.1	7.2	(2)	4.3	1.0	1.7	.9
\$4,500 to \$4,999.....	4.2	4.3	6.0	3.1	(2)	2.6	—	.6	.5
\$5,000 to \$5,999.....	3.5	7.2	7.3	2.6	(2)	1.1	—	.3	1.6
\$6,000 to \$6,999.....	.9	3.0	2.4	.5	(2)	.2	—	.3	1.0
\$7,000 to \$9,999.....	1.3	5.8	1.6	.2	(2)	.3	—	.1	.7
\$10,000 and over.....	.3	3.3	.2	—	(2)	—	—	—	.5
Median income ¹	\$3,103	\$3,137	\$3,293	\$2,790	(2)	\$2,303	\$854	\$1,909	\$843

For footnotes see p. 203.

INCOME AND EXPENDITURES

No. 321.—DISTRIBUTION OF PERSONS 14 YEARS OF AGE AND OVER BY TOTAL MONEY INCOME IN 1950 AND MAJOR OCCUPATION GROUP IN APRIL 1951, BY SEX—Con.

TOTAL MONEY INCOME AND SEX	Total	EMPLOYED AS CIVILIANS IN APRIL 1951							
		Total em- ployed civ- ilians	Professional, technical, and kindred workers			Farm- ers and farm man- agers	Managers, officials, and proprietors, ex- cept farm		
			Total	Self- em- ployed	Sala- ried		Total	Self- em- ployed	Sala- ried
FEMALE									
Number of persons.....(thousands).....	56, 900	17, 888	1, 778	152	1, 626	208	1, 051	674	377
Number of persons with income 									

TOTAL MONEY INCOME AND SEX	EMPLOYED AS CIVILIANS IN APRIL 1951—continued								In armed forces or not em- ployed in April 1951
	Cleri- cal and kindred workers	Sales workers	Crafts- men, fore- men, and kindred workers	Opera- tives and kindred workers	Private house- hold workers	Service work- ers, except private house- hold	Farm labor- ers and foremen	Labor- ers, except farm and mine	
FEMALE									
Number of persons... (thousands)...	4,909	1,269	214	3,742	1,866	2,149	609	92	39,012
Number of persons with income (thousands)...	4,427	1,000	195	3,368	1,623	1,837	145	97	9,370
Percent of those with income...	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Loss.....	—	.2	(2)	—	—	1.0	(2)	(2)	.3
\$1 to \$499.....	8.2	28.5	(2)	11.0	58.6	25.7	(2)	(2)	50.9
\$500 to \$999.....	8.8	17.4	(2)	14.7	25.6	28.3	(2)	(2)	26.5
\$1,000 to \$1,499.....	9.3	18.2	(2)	17.0	7.9	18.2	(2)	(2)	0.4
\$1,500 to \$1,999.....	19.9	17.6	(2)	22.9	5.2	12.0	(2)	(2)	5.5
\$2,000 to \$2,499.....	25.2	10.9	(2)	20.1	2.2	9.8	(2)	(2)	3.4
\$2,500 to \$2,999.....	15.1	5.2	(2)	11.0	.1	2.8	(2)	(2)	1.4
\$3,000 to \$3,499.....	8.4	1.3	(2)	2.3	.3	1.0	(2)	(2)	1.0
\$3,500 to \$3,999.....	2.9	.4	(2)	.8	—	.8	(2)	(2)	.8
\$4,000 to \$4,499.....	1.3	.4	(2)	.2	.1	.2	(2)	(2)	.4
\$4,500 to \$4,999.....	.4	—	(2)	—	—	.1	(2)	(2)	.2
\$5,000 to \$5,999.....	.2	—	(2)	—	—	.1	(2)	(2)	.3
\$6,000 to \$6,999.....	—	—	(2)	—	—	—	(2)	(2)	.1
\$7,000 to \$9,999.....	.1	—	(2)	—	—	—	(2)	(2)	.2
\$10,000 and over.....	—	—	(2)	—	—	—	(2)	(2)	.2
Median income ¹	\$2,074	\$1,100	(2)	\$1,661	\$427	\$913	(2)	(2)	\$488

¹ Based on number of persons with income. For definition of median, see headnote, table 23, p. 28.

² Fewer than 100 cases in sample reporting on income.

No. 322.—DISTRIBUTION OF PERSONS 14 YEARS OF AGE AND OVER BY TOTAL MONEY INCOME, BY SEX, URBAN AND RURAL: 1944 TO 1950

[Data based on sample. See source for evaluation of sampling reliability]

TOTAL MONEY INCOME	MALE					FEMALE				
	1944	1947	1948	1949	1950	1944	1947	1948	1949	1950
UNITED STATES										
Total persons.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Percent with income.....	88.9	88.9	89.0	89.9	89.9	47.9	39.2	40.9	41.8	43.2
Percent without income.....	11.1	11.1	10.1	10.1	10.1	52.1	60.8	59.1	58.2	56.8
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
Loss.....	.5	.4	.5	.8	.7	.1	.2	.1	.3	.3
\$1 to \$499.....	13.0	9.8	9.0	11.6	10.6	30.5	29.8	28.9	31.3	31.7
\$500 to \$999.....	12.2	11.1	10.4	10.7	9.4	23.7	19.5	20.6	20.0	19.8
\$1,000 to \$1,499.....	11.1	10.5	9.8	9.4	8.0	19.3	16.0	14.5	13.5	11.4
\$1,500 to \$1,999.....	11.9	11.3	9.3	9.3	8.4	12.9	15.6	13.9	12.7	12.2
\$2,000 to \$2,499.....	14.1	14.0	13.2	11.7	11.4	7.3	10.4	11.6	11.2	11.6
\$2,500 to \$2,999.....	11.6	11.3	11.5	11.6	10.2	2.9	3.8	5.2	5.2	6.5
\$3,000 to \$3,499.....	9.5	10.9	12.2	11.5	12.5	1.2	2.1	2.4	3.1	3.3
\$3,500 to \$3,999.....	5.6	5.9	7.3	7.7	8.4	.6	.9	1.0	1.0	1.2
\$4,000 to \$4,499.....	3.0	4.3	5.1	4.8	6.2	.4	.6	.5	.9	.8
\$4,500 to \$4,999.....	2.0	2.1	2.9	2.9	3.4	.3	.3	.2	.3	.4
\$5,000 to \$5,999.....	2.2	3.0	3.6	3.4	4.6	.3	.3	.3	.2	.3
\$6,000 to \$9,999.....	2.0	3.0	3.1	3.0	4.0	.3	.3	.3	.3	.3
\$10,000 and over.....	1.2	1.6	1.6	1.4	2.0	.8	.3	.2	.1	.2
Median income for persons with income ¹	\$2,046	\$2,230	\$2,306	\$2,346	\$2,570	\$909	\$1,017	\$1,009	\$960	\$953
URBAN AND RURAL-NONFARM										
Total persons.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Percent with income.....	90.0	89.6	90.7	90.5	90.8	51.5	41.2	43.1	44.1	45.2
Percent without income.....	10.0	10.4	9.3	9.5	9.2	48.5	58.8	56.9	55.9	54.8
Median income for persons with income ¹	\$2,205	\$2,308	\$2,536	\$2,663	\$2,784	\$969	\$1,103	\$1,222	\$1,049	\$1,043
RURAL-FARM										
Total persons.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Percent with income.....	84.7	85.8	85.5	87.0	86.7	29.4	28.6	29.7	28.0	31.0
Percent without income.....	15.3	14.2	14.5	13.0	13.3	70.6	71.4	70.3	72.0	69.0
Median income for persons with income ¹	\$951	\$1,300	\$1,385	\$1,054	\$1,328	\$430	\$483	\$407	\$392	\$417

¹ For definition of median, see headnote, table 23, p. 28.

Source: Department of Commerce, Bureau of the Census; *Income of Families and Persons in the United States: 1950*, Series P-60, No. 9.

No. 323.—DISTRIBUTION OF PERSONS 14 YEARS OF AGE AND OVER WITH WAGE OR SALARY INCOME, BY WAGE OR SALARY INCOME, BY SEX AND RECEIPT OF NON-WAGE INCOME, FOR THE UNITED STATES: 1939 AND 1950

[Data based on sample. See source for evaluation of sampling reliability]

WAGE OR SALARY INCOME	TOTAL PERSONS						WITHOUT NONWAGE INCOME					
	Both sexes		Male		Female		Both sexes		Male		Female	
	1939	1950	1939	1950	1939	1950	1939	1950	1939	1950	1939	1950
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Total persons with wage or salary income.....												
\$1 to \$99.....	5.4	5.1	3.7	3.1	9.0	9.1	5.1	5.3	3.3	2.8	9.7	8.8
\$100 to \$199.....	7.3	3.7	5.9	2.1	11.1	6.6	7.0	3.8	5.5	1.0	10.7	6.5
\$200 to \$399.....	14.1	5.9	12.7	3.9	17.7	9.8	13.5	6.1	12.0	3.8	17.2	9.5
\$400 to \$599.....	11.9	5.4	10.8	3.7	14.6	8.0	11.9	5.6	10.7	3.5	14.7	8.5
\$600 to \$799.....	12.0	3.9	10.8	2.8	15.1	6.2	12.4	4.1	11.1	2.7	15.6	6.1
\$800 to \$999.....	0.3	3.5	8.9	2.7	10.6	5.1	9.7	3.6	9.2	2.6	11.0	6.1
\$1,000 to \$1,199.....	8.2	3.5	8.7	2.9	7.0	4.6	8.6	3.6	9.1	2.8	7.4	4.6
\$1,200 to \$1,399.....	7.8	3.8	8.8	3.0	5.1	5.2	8.1	4.1	9.2	3.2	5.3	5.4
\$1,400 to \$1,599.....	6.1	4.1	7.2	3.4	3.1	5.6	6.3	4.3	7.6	3.4	3.1	5.7
\$1,600 to \$1,799.....	3.2	3.1	4.0	2.5	1.5	4.4	3.4	3.4	4.2	2.6	1.5	4.4
\$1,800 to \$1,999.....	3.8	4.5	4.7	3.5	1.4	6.4	3.9	4.9	4.9	3.8	1.3	6.6
\$2,000 to \$2,499.....	5.3	13.1	6.8	12.6	1.6	14.1	5.3	13.9	6.9	13.4	1.5	14.6
\$2,500 to \$2,999.....	2.0	10.4	2.6	11.7	.5	7.9	2.0	10.0	2.6	11.4	.5	8.1
\$3,000 to \$4,999.....	2.4	24.5	3.1	34.0	.6	6.2	2.2	22.3	2.8	33.9	.5	6.9
\$5,000 and over.....	1.0	5.6	1.4	8.3	.1	.3	.7	4.9	.9	8.3	.1	.2
Median wage or salary income.....	\$789	\$2,133	\$939	\$2,670	\$555	\$1,203	\$304	\$2,043	\$962	\$2,659	\$568	\$1,230

Source: Department of Commerce, Bureau of the Census; *Income of Families and Persons in the United States: 1950*, Series P-60, No. 9.

No. 324.—MEDIAN WAGE OR SALARY INCOME OF PERSONS 14 YEARS OF AGE AND OVER WITH WAGE OR SALARY INCOME, BY COLOR AND MAJOR INDUSTRY GROUP, BY SEX: 1939 AND 1950

[Data based on sample (see source for evaluation of sampling reliability), and restricted to persons who were wage or salary workers at time of survey. Wage or salary income includes all money received in compensation for work or services performed as employees, including commissions, tips, piece-rate payments, bonuses, armed forces pay, etc., as well as receipts commonly referred to as wages or salaries. Excludes value of income in kind, such as living quarters, meals, clothing, etc. Median wage or salary income based on number of persons reporting \$1 or more of wage or salary income. For definition of median, see headnote, table 23, p.28]

COLOR AND MAJOR INDUSTRY GROUP	BOTH SEXES		MALE		FEMALE	
	1939	1950	1939	1950	1939	1950
COLOR						
White.....	\$956	\$2,481	\$1,112	\$2,982	\$676	\$1,698
Nonwhite.....	364	1,295	460	1,828	246	626
MAJOR INDUSTRY GROUP IN SURVEY WEEK ¹						
Agriculture, forestry, and fisheries.....	292	967	301	1,026	154	(2)
Mining.....	957	3,126	956	3,177	1,077	(2)
Construction.....	777	2,541	777	2,557	804	(2)
Manufacturing.....	988	2,618	1,141	3,117	646	1,832
Transportation, communication, and other public utilities.....	1,805	2,945	1,425	3,210	1,068	2,155
Wholesale trade.....	1,215	2,748	1,320	3,071	828	1,882
Retail trade.....	793	1,022	969	2,481	599	1,106
Finance, insurance, and real estate.....	1,257	2,338	1,487	3,431	977	1,940
Business and repair services.....	971	2,471	905	2,628	838	(2)
Personal services.....	360	648	738	1,527	292	504
Entertainment and recreation services.....	814	1,591	888	1,825	630	(2)
Professional and related services.....	995	2,145	1,235	2,721	895	1,844
Public administration.....	1,492	2,981	1,625	3,325	1,233	2,448

¹ Except public emergency workers.

² Median not shown where there were fewer than 100 cases in sample reporting with income.

Source: Department of Commerce, Bureau of the Census; *Income of Families and Persons in the United States: 1950*, Series P-60, No. 9.

12. Prices

(Sent to print March 19, 1952)

The indexes issued by the Bureau of Labor Statistics have been, since the beginning of the century, the major source of price statistics in summarized form. This agency prepares weekly and monthly indexes of wholesale prices, a daily index based on spot market prices of 28 commodities; indexes of food prices at retail in 56 large cities; and indexes of consumers' prices for moderate-income families in 34 large cities.

Wholesale price index.—Since 1902, the official monthly wholesale price index has been prepared as an indicator of general price trends and average changes in commodity prices at primary market levels. The official series on the base, 1926=100, has been carried back to 1890; separate monthly indexes are available for major groups of commodities from January 1890, and for subgroups of commodities beginning with 1913. This index, based on 1926=100, is the official index for December 1951 and all earlier dates.

A newly-revised index, based on 1947-49=100, is now the official index for January 1952 and all subsequent months. The new index has been computed back to 1947 for purposes of comparison only (see table 327). Weights used represent all sales at the primary market level during the calendar year 1947. Moreover, the new index has expanded the number of commodities covered to 2,000 instead of the 900 measured by the earlier index. For a detailed description of the new index, see the *Monthly Labor Review*, February 1952.

The index (1926=100) measures average changes in commodity prices of about 900 commodities at the primary market level—usually the level at which the commodity is first sold commercially in substantial volume. The prices are ordinarily those charged by representative manufacturers or producers to the types of distributors or industrial consumers who are characteristic buyers of the product. Wherever feasible the prices are f. o. b. point of production or sale. In the case of some commodities, prices quoted in organized commodity markets are used.

The index (1926=100) measures completely the price changes of only the 900 commodities (and others that are closely related) which are specifically defined for pricing both physically and in terms of market structure. It is not an over-all measure of the "general price level" or of "the purchasing power of the dollar"—it does not include all classes of commodities (real estate, securities, services, etc.) which are factors in the "general price level."

Commodities are priced in terms of a given specification at stated terms of trade. Most of the commodities are represented by a single quotation. Since 1934, in computing the index the price of each article is weighted by the quantities marketed during the years 1929-1931, except for agricultural commodities. For agricultural commodities, average market sales in the years 1929, 1930, and 1931 are used. Indexes are computed for 10 major commodity groups, 49 subgroups and 5 economic groups.

Beginning with 1921, in computing indexes for commodity groups, articles falling under more than one group are included under each classification. For example, articles produced on the farm which reach the consumer practically unchanged in form, such as potatoes, milk, and eggs, are included among both farm products and foods. Duplication also occurs between the metals and metal products and building materials groups. However, in computing the index for all commodities, such articles are counted only once.

Consumers' price index.—This index measures average changes in retail prices of goods, rents and services, purchased by wage-earners and lower-salaried clerical workers in large cities. The weights used in calculating the index are based on studies of actual expenditures by families of wage-earners and lower-salaried workers. A study

conducted in 1917-19 provided the weights used from 1913 to 1935. From 1935 to January 1950, time-to-time changes in retail prices were weighted by 1934-36 average expenditures of urban families whose annual incomes averaged \$1,524 in 1934-36. Weights used beginning January 1950 have been adjusted to 1949-50 spending patterns.

The index does not measure changes in the total amount families spend for living or relative differences in prices or living costs between cities. The list of items priced for the index includes approximately 225 goods and services. For many goods a number of different articles or qualities of articles are included in the index. Sales taxes are reflected wherever applicable, but income taxes, social security deductions, and bond deductions are not included. Since March 1943, food indexes have been based upon changes in food prices in 56 cities. From September 1940 through June 1947, consumers' price indexes were computed monthly for 21 cities, and in March, June, September, and December for 13 additional cities; beginning July 1947, indexes have been computed monthly for 10 cities, and once every 3 months for 24 additional cities according to a staggered schedule. Since July 1947, the following schedule has been in effect:

- Food prices and indexes, for 56 cities each month;
- Fuel prices and indexes for 34 cities each month;
- Commodities (other than food and fuel) and services indexes for 10 cities monthly and for 24 additional cities quarterly on a rotating cycle;
- Rents quarterly for 34 cities, on a rotating cycle;
- All items and group indexes for 10 cities monthly, and for 24 additional cities quarterly on a rotating cycle;
- National indexes (average of large cities) for all items and groups, monthly, based upon prices in the cities surveyed and estimated changes in the unpriced cities.

The retail food price indexes presented in this section are one component of the consumers' price index. For periods from January 1935 to March 1943 they are based on the distribution of expenditures as shown by the 1934-36 study of expenditures of wage-earners' and lower-salaried clerical workers' families. In March 1943, the weights for this 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, the weights were adjusted to estimated 1949-50 spending patterns. The indexes are 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, and 60 foods thereafter. Aggregate costs of these foods in each of 56 cities (51 cities prior to March 1943), weighted to represent total purchases, have been combined for the United States with the use of population weights. Indexes for all periods prior to January 1935 are converted from indexes computed for corresponding periods on the 1923-25 base.

Other indexes.—The Bureau of Agricultural Economics prepares currently indexes of prices received for farm products and of prices paid by farmers. (See text, p. 569.)

In comparing the movement of the indexes of consumers' prices and of the prices paid by farmers for commodities bought for family living (table 710), it should be noted that the consumers' 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 differs because farm family buying differs considerably from that of city families, and farm and city workers are located in different parts of the country.

Historical statistics.—See preface and historical appendix. Tabular headnotes (as "See also *Historical Statistics*, series L 15-25") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*.

No. 325.—WHOLESALE PRICES—INDEXES, BY MAJOR COMMODITY GROUPS, 1890 TO 1951, AND BY MONTHS, 1930 TO 1951

[1926=100. See general note, p. 271. See also *Historical Statistics*, series I 15-25, and for monthly data, series App. 23]

PERIOD	All commodities	Farm products	Foods	Hides and leather products	Textile products	Fuel and lighting	Metals and metal products	Building materials	Chemicals and allied products ¹	House furnishing goods	Miscellaneous
1890	56.2	50.4	55.5	47.5	57.8	38.1	105.3	46.5	73.2	49.9	97.9
1895	48.8	43.9	47.3	49.4	44.3	40.3	70.4	38.8	64.7	43.5	88.9
1900	56.1	50.5	50.8	49.4	53.3	46.3	98.0	46.2	82.1	48.9	102.0
1905	60.1	56.4	55.1	53.9	54.1	49.6	89.1	48.1	82.3	49.7	117.4
1910	70.4	74.3	64.9	60.2	58.4	47.6	85.2	55.3	82.0	54.0	152.7
1915	69.5	71.5	65.4	75.5	54.1	51.8	86.3	53.5	112.0	56.0	86.9
1920	154.4	150.7	137.4	171.3	164.8	163.7	149.4	150.1	164.7	141.8	167.5
1925	103.5	109.8	100.2	105.3	108.3	96.5	103.2	101.7	101.8	103.1	109.0
1929	95.3	104.9	99.9	100.1	90.4	83.0	100.5	95.4	94.0	94.3	82.6
1932	64.8	48.2	61.0	72.9	54.9	70.3	80.2	71.4	73.9	75.1	64.4
1935	80.0	78.8	83.7	89.6	70.9	73.5	86.4	85.3	79.0	80.6	68.3
1939	77.1	65.3	70.4	95.6	69.7	73.1	94.4	90.5	76.0	86.3	74.8
1940	78.6	67.7	71.3	100.8	73.8	71.7	95.8	94.8	77.0	88.5	77.3
1941	87.3	82.4	82.7	108.3	84.8	76.2	99.4	103.2	84.4	94.3	82.0
1942	98.8	105.9	99.6	117.7	96.9	78.5	103.8	110.2	98.5	102.4	89.7
1943	103.1	122.6	106.6	117.5	97.4	80.8	103.8	111.4	94.9	102.7	92.2
1944	104.0	123.8	104.9	116.7	98.4	83.0	103.8	115.5	95.2	104.3	93.6
1945	105.8	128.2	108.2	118.1	100.1	84.0	104.7	117.8	95.2	104.5	94.7
1946	121.1	148.9	130.7	137.2	116.3	90.1	115.5	132.6	101.4	111.6	100.3
1947	152.1	181.2	168.7	182.4	141.7	108.7	145.0	178.7	127.3	131.1	115.5
1948	165.1	188.3	179.1	188.8	149.8	134.2	163.6	199.1	135.7	144.5	120.5
1949	155.0	165.5	161.4	180.4	140.4	131.7	170.2	193.4	118.6	145.3	112.3
1950	101.5	170.4	166.2	191.9	148.0	133.2	173.6	206.0	122.7	163.2	120.9
March	152.7	159.4	155.5	179.6	137.3	131.5	168.6	194.2	116.2	145.5	110.7
June	157.3	165.9	162.1	182.6	136.8	132.6	171.9	202.1	114.5	146.9	114.7
September	160.5	180.4	177.2	203.0	158.3	134.9	176.7	219.7	128.7	159.2	127.4
December	175.3	187.4	179.0	218.7	171.4	135.7	184.9	221.4	139.6	170.2	140.5
1951	180.4	190.1	186.9	221.4	172.2	138.2	189.2	225.5	143.3	176.0	141.0
March	184.0	203.8	188.6	236.2	183.2	138.6	188.8	238.5	146.4	178.8	142.5
June	181.7	198.6	186.3	230.6	177.7	137.8	188.2	225.6	142.3	179.5	141.7
September	177.6	180.2	188.0	212.1	163.2	135.8	189.1	223.0	140.8	172.4	138.5
December	177.8	193.6	187.3	192.3	160.5	139.2	191.7	224.0	137.9	172.0	141.6

YEAR	Yearly average	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1930	86.4	92.5	91.4	90.2	90.0	88.8	86.8	84.4	84.3	84.4	83.0	81.3	79.6
1931	73.0	78.2	76.8	76.0	74.8	73.2	72.1	72.0	72.1	71.2	70.3	70.2	68.6
1932	64.8	67.3	66.3	66.0	65.5	64.4	63.9	64.5	65.2	65.3	64.4	63.9	62.6
1933	65.9	61.0	59.8	60.2	60.4	62.7	65.0	68.9	69.5	70.8	71.2	71.1	70.8
1934	74.9	72.2	73.6	73.7	73.3	73.7	74.6	74.8	76.4	77.6	76.5	76.6	76.9
1935	80.0	78.8	79.5	79.4	80.1	80.2	79.8	79.4	80.5	80.7	80.5	80.6	80.9
1936	80.8	80.6	80.6	79.6	79.7	78.6	79.2	80.5	81.6	81.6	81.5	82.4	84.2
1937	86.3	85.9	86.3	87.8	88.0	87.4	87.2	87.9	87.5	87.4	85.4	83.3	81.7
1938	78.0	80.9	79.8	79.7	78.7	78.1	78.3	78.8	78.1	78.3	77.6	77.5	77.0
1939	77.1	76.9	76.9	76.7	76.2	76.2	75.6	75.4	75.0	79.1	79.4	79.2	79.2
1940	78.6	79.4	78.7	78.4	78.6	78.4	77.5	77.7	77.4	78.0	78.7	79.6	80.0
1941	87.3	80.8	80.6	81.5	83.2	84.9	87.1	88.8	90.3	91.8	92.4	92.5	93.6
1942	98.8	96.0	97.7	97.6	98.7	98.8	98.6	98.7	99.2	99.6	100.0	100.3	101.0
1943	103.1	101.9	102.5	103.4	103.7	104.1	103.8	103.2	103.1	103.1	103.0	102.9	103.2
1944	104.0	103.3	103.6	103.8	103.9	104.0	104.3	104.1	103.9	104.0	104.1	104.4	104.7
1945	105.8	104.9	105.2	105.3	105.7	106.0	106.1	105.9	105.7	105.2	105.9	106.8	107.1
1946	121.1	107.1	107.7	108.9	110.2	111.0	112.9	124.7	129.1	124.0	134.1	139.7	140.9
1947	152.1	142.0	145.2	150.0	148.0	147.3	147.7	150.6	153.7	157.4	158.5	159.6	163.2
1948	165.1	165.9	161.0	161.6	163.0	164.2	166.4	168.8	169.8	168.9	165.4	164.0	162.4
1949	155.0	160.7	158.4	158.6	157.1	155.8	154.5	153.6	152.9	153.5	152.2	151.6	151.2
1950	161.5	151.4	152.8	152.7	152.8	155.9	157.3	162.9	166.4	169.5	169.1	171.7	175.3
1951	180.4	180.1	183.6	184.0	183.6	182.9	181.7	179.4	178.0	177.6	178.1	178.3	177.8

¹ Prior to 1926 "chemicals and drugs." Indexes for the 2 groups are not strictly comparable.

Sources: Department of Labor, Bureau of Labor Statistics; *Handbook of Labor Statistics*; annual report, *Wholesale Prices*; and *Monthly Labor Review*.

FIG. XIV.—WHOLESALE PRICES—INDEXES: 1914 TO 1951

[1926=100. Prices in primary markets. See table 325]

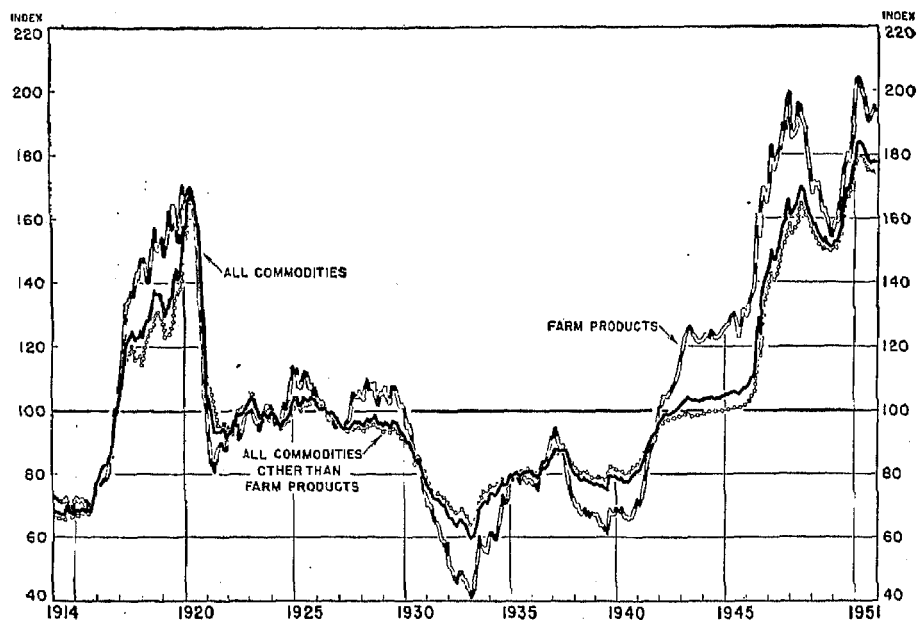
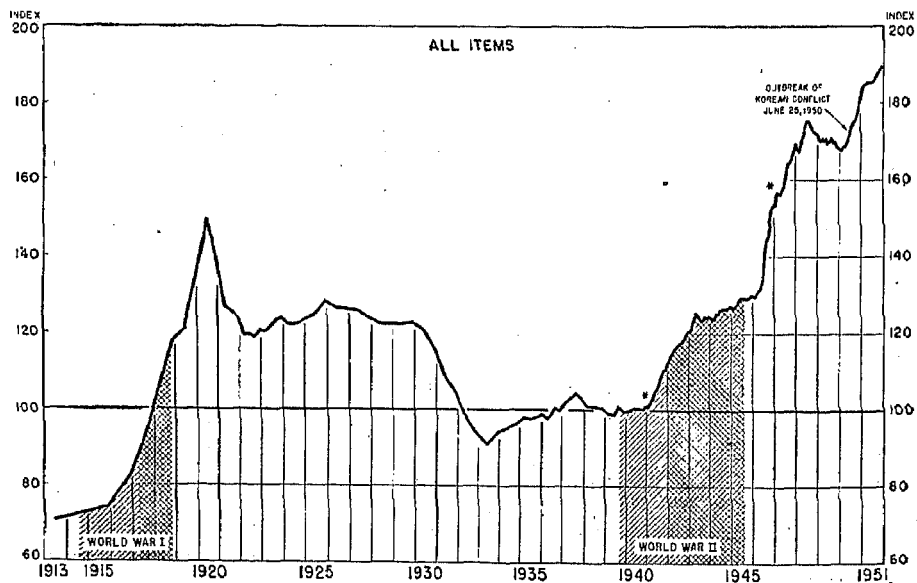


FIG. XV.—CONSUMERS' PRICE INDEX: 1913 TO 1951

[1935-39=100. See table 331]



*Estimates of World War II and Postwar understatement by the index were not included. See *Monthly Labor Review* for March 1947.

Source of figs. XIV and XV: Department of Labor, Bureau of Labor Statistics.

**No. 326.—WHOLESALE PRICES—INDEXES, BY GROUPS AND SUBGROUPS OF
COMMODITIES: 1929 TO 1951**

[1929=100. See general note, p. 271, regarding commodities included in 2 groups]

COMMODITY GROUP	1929	1932	1939	1941	1949	1950			1951		
						Average	June	Dec.	Average	June	Dec.
All commodities	95.3	64.8	77.1	87.3	155.0	161.5	157.3	175.3	180.4	181.7	177.8
Farm products	104.9	48.2	65.3	82.4	165.5	170.4	165.9	187.4	196.1	198.6	193.6
Grains.....	97.4	39.4	58.6	76.9	158.3	168.5	160.3	180.9	186.5	178.6	197.6
Livestock and poultry.....	106.1	48.2	72.2	91.6	185.5	195.5	197.5	204.9	229.3	235.8	209.8
Other farm products.....	100.6	51.4	62.6	77.8	154.4	154.8	145.0	177.4	177.5	180.4	181.5
Foods	99.9	61.0	70.4	82.7	161.4	166.2	162.1	179.0	186.9	186.3	187.3
Dairy products.....	105.6	61.3	69.5	87.3	152.9	149.1	135.9	164.4	170.9	163.4	183.2
Cereal products.....	88.0	66.4	74.8	80.7	145.3	150.0	145.6	157.6	163.4	162.3	163.5
Fruits and vegetables.....	97.8	58.0	62.0	67.5	143.5	135.9	140.5	138.0	144.6	146.3	161.3
Meats, poultry, and fish.....	109.1	58.2	77.2	90.4	209.7	219.9	223.7	233.7	254.0	255.2	246.2
Other foods.....	93.9	60.7	64.1	78.9	132.2	143.4	133.1	161.5	159.4	160.8	152.3
Hides and leather products	109.1	72.9	95.6	108.3	180.4	191.9	182.6	218.7	221.4	230.6	192.3
Shoes.....	106.3	80.1	102.6	113.5	185.1	191.0	184.8	209.3	220.2	223.3	208.6
Hides and skins.....	112.7	42.1	84.6	108.4	192.2	222.9	202.1	277.5	259.2	234.3	174.0
Leather.....	113.2	65.1	87.5	97.9	178.0	188.7	180.6	213.8	212.3	227.5	175.7
Other leather products.....	106.4	90.1	97.1	104.7	143.2	150.7	143.1	173.9	182.5	180.6	180.6
Textile products	90.4	54.9	69.7	84.8	140.4	148.0	136.8	171.4	172.2	177.7	160.5
Clothing.....	90.0	63.0	82.0	92.6	145.6	143.9	143.9	155.4	163.4	164.0	160.4
Cotton goods.....	98.8	54.0	67.2	94.2	176.1	197.0	173.8	236.6	219.4	226.7	202.6
Hosiery and underwear.....	88.5	51.6	61.4	68.1	99.5	102.3	97.7	113.7	111.4	112.9	107.4
Rayon and nylon.....	68.4	35.4	28.8	29.7	40.5	40.9	39.9	43.0	43.1	43.1	43.1
Silk.....	82.7	29.5	46.1	(1)	49.6	58.0	49.3	75.0	78.6	73.2	77.0
Woolen and worsted goods.....	88.3	57.7	79.8	96.6	155.2	163.0	148.3	195.6	212.2	226.3	170.7
Other textile products.....	93.1	67.9	69.2	90.7	179.5	182.5	164.5	229.6	239.0	250.1	234.1
Fuel and lighting materials	83.0	70.3	73.1	76.2	131.7	133.2	132.6	135.7	138.2	137.8	139.2
Anthracite.....	90.1	88.4	75.8	82.7	137.0	141.9	140.1	145.7	154.3	152.5	157.6
Bituminous coal.....	91.3	82.0	97.5	104.3	191.9	193.7	192.1	193.2	196.2	195.5	198.3
Coke.....	84.6	77.7	105.6	119.3	222.2	226.7	225.6	232.7	234.5	234.8	234.8
Electricity.....	94.5	104.7	78.6	68.3	68.9	66.9	67.0	65.7	(1)	64.7	(1)
Gas.....	93.1	101.3	84.1	78.6	89.8	88.1	87.3	90.2	(1)	92.9	(1)
Petroleum and products.....	71.3	45.4	62.2	57.0	112.2	113.9	113.9	118.0	120.1	120.0	120.4
Metals and metal products	100.5	80.2	94.4	99.4	170.2	173.6	171.9	184.9	189.2	188.2	191.7
Agricultural machinery and equipment.....	95.7	84.9	93.4	98.5	143.8	140.8	143.8	155.7	158.8	159.1	159.0
Iron and steel.....	94.9	79.4	95.8	96.4	165.7	171.3	169.4	182.1	185.9	185.9	186.1
Motor vehicles.....	100.0	87.1	93.4	103.3	176.9	176.0	175.1	178.4	185.5	184.3	192.0
Nonferrous metals.....	106.1	49.8	78.0	84.4	144.3	150.5	148.4	182.5	181.4	178.2	181.1
Plumbing and heating.....	95.0	66.8	79.2	84.8	154.8	162.6	156.4	183.6	183.9	185.3	184.3
Building materials	95.4	71.4	90.5	103.2	193.4	206.0	202.1	221.4	225.5	225.6	224.0
Brick and tile.....	94.3	77.3	91.4	93.7	161.7	163.2	164.3	170.1	179.0	180.8	179.5
Cement.....	89.0	74.3	91.3	92.0	133.8	136.6	134.9	141.2	147.2	147.2	147.2
Lumber.....	93.8	58.5	93.2	122.5	286.0	327.4	322.6	348.4	351.4	352.3	344.1
Paint and paint materials.....	94.9	71.1	82.8	91.4	151.3	142.0	137.7	154.9	162.2	161.0	164.1
Plumbing and heating.....	95.0	66.8	79.2	84.8	154.8	162.6	156.4	183.6	183.9	185.3	184.3
Structural steel.....	98.1	80.9	107.3	107.3	192.6	191.6	204.3	204.3	204.3	204.3	204.3
Other building materials.....	97.7	79.5	90.3	98.3	171.7	178.4	175.0	193.8	198.1	198.1	198.1
Chemicals and allied products	94.0	73.9	76.0	84.4	118.6	122.7	114.5	139.6	143.3	142.3	137.9
Chemicals.....	90.7	58.8	84.7	87.2	117.3	122.0	117.1	136.1	144.7	144.1	144.5
Drugs and pharmaceuticals.....	66.8	53.0	78.2	102.6	129.1	137.8	132.7	175.1	182.0	185.3	169.0
Fertilizer materials.....	95.6	63.7	67.9	73.5	110.7	113.8	108.6	115.6	118.8	115.1	123.2
Mixed fertilizers.....	95.2	68.4	78.0	107.0	104.2	103.7	107.4	100.7	109.3	111.5	111.5
Oils and fats.....	89.0	40.0	48.4	77.6	123.8	139.4	111.9	180.9	164.2	161.2	126.1
Housefurnishing goods	94.3	75.1	86.3	94.3	145.3	153.2	146.9	170.2	176.0	179.5	172.0
Furnishings.....	93.6	75.4	91.1	99.9	151.3	161.2	154.2	180.6	180.1	193.3	182.1
Furniture.....	95.0	75.0	81.3	88.4	139.1	144.8	139.4	159.2	162.2	161.5	161.5
Miscellaneous	82.6	64.4	74.8	82.0	112.3	120.9	114.7	140.5	141.0	141.7	141.6
Auto tires and tubes.....	54.5	41.1	58.6	55.4	62.9	71.2	67.0	82.5	82.8	82.8	82.0
Cattle feed.....	121.6	46.0	83.3	101.2	200.7	208.7	213.2	224.4	244.5	245.0	274.0
Paper and pulp.....	89.9	75.5	82.4	98.2	160.8	163.5	155.6	189.0	198.0	196.2	200.9
Rubber, crude.....	42.3	7.3	37.2	46.1	37.0	84.9	63.4	146.1	124.0	135.1	106.8
Other miscellaneous.....	98.4	83.7	82.6	87.8	123.0	124.8	120.7	136.6	136.7	136.7	137.8

¹ Not available.

Source: Department of Labor, Bureau of Labor Statistics; *Handbook of Labor Statistics*; annual report, *Wholesale Prices*; and *Monthly Labor Review*.

No. 327.—WHOLESALE PRICES—INDEXES, BY MAJOR COMMODITY GROUPS: 1947 TO 1951 AND JANUARY 1952

[1947-49=100. This index is the official wholesale price index, beginning with January 1952. Although the new index has been computed back to 1947 for comparison, the official index for December 1951 and all earlier dates is that based on 1926=100, shown in tables 325 and 326. See also text, p. 271]

COMMODITY GROUP	1947	1948	1949	1950			1951			Jan. 1952
				Avg.	June	Dec.	Avg.	June	Dec.	
All commodities	96.4	104.4	99.2	103.1	100.2	112.1	114.8	115.1	113.5	113.0
Farm products.....	130.0	107.3	92.8	97.5	94.5	107.9	113.4	113.9	111.3	110.0
Processed foods.....	98.2	100.1	95.7	99.8	96.8	106.9	111.4	111.3	110.7	110.1
Textile products and apparel.....	150.1	104.4	95.5	99.2	93.3	111.4	110.6	112.0	104.0	103.8
Hides, skins, and leather products.....	101.0	102.1	96.0	104.6	99.1	121.4	120.3	124.7	105.1	102.2
Fuel, power, and lighting materials.....	90.9	107.1	101.9	103.0	102.4	104.7	106.7	100.3	107.4	107.4
Chemicals and allied products.....	101.4	103.8	94.8	96.3	92.1	107.0	110.0	110.2	108.4	109.7
Rubber and products.....	99.0	102.1	98.9	120.5	109.5	152.0	148.0	150.0	145.0	144.1
Lumber and wood products.....	93.7	107.2	99.2	113.9	112.4	123.2	123.9	124.6	120.3	120.1
Pulp, paper, and allied products.....	98.6	102.9	98.5	100.9	95.0	114.4	110.6	120.2	118.4	118.2
Metals and metal products.....	91.3	103.9	104.8	110.3	108.8	121.9	122.8	122.7	122.5	122.4
Machinery and motive products.....	92.5	100.9	106.6	108.6	103.3	116.0	119.0	118.6	120.7	120.8
Furniture and other household durable.....	95.6	101.4	103.1	105.3	103.1	112.2	114.1	115.0	112.7	112.3
Non-metallic minerals—structural.....	93.6	101.7	104.4	105.9	105.4	111.7	113.6	113.6	112.8	112.0
Tobacco manufactures and bottled beverages.....	98.0	100.4	101.6	102.4	101.4	105.3	108.1	108.4	108.1	108.1
Miscellaneous.....	100.8	103.1	96.1	96.6	96.9	100.4	104.0	102.8	109.8	111.1

Source: Department of Labor, Bureau of Labor Statistics; *Wholesale Price Index*, February 1952, and other multilithed reports.

No. 328.—INDEXES OF SPOT MARKET PRICES OF 28 COMMODITIES: 1939 TO 1951

[August 1939=100. Figures in column heads represent number of commodities. Index is computed daily; represents unweighted geometric average of daily price quotations of 28 commodities, traded on organized exchanges. The index is much more sensitive to changes in market conditions than is monthly or weekly wholesale price index]

PERIOD	General Index	IMPORT AND DOMESTIC		Domestic agricultural	FOODSTUFFS AND INDUSTRIAL	
		Import commodities	Domestic commodities		Food-stuffs	Raw industrial
	(28)	(11)	(17)	(7)	(11)	(16)
1939—Average.....	109.2	110.1	108.6	109.4	111.2	107.7
1940—Average.....	114.3	117.2	112.4	119.7	119.0	116.9
1941—Average.....	143.9	147.8	141.5	147.8	150.5	139.1
1942—Average.....	167.6	162.4	171.0	183.8	180.9	154.2
1943—Average.....	176.7	187.2	183.2	210.0	201.7	156.9
1944—Average.....	181.5	168.4	190.5	222.7	207.3	164.1
1945—Average.....	184.4	168.9	195.2	227.6	200.5	167.4
1946—Average.....	228.2	209.7	241.0	274.7	273.8	198.8
1947—Average.....	322.7	280.1	345.6	362.7	393.0	276.1
1948—Average.....	321.2	282.0	349.4	364.4	391.3	278.0
1949—Average.....	253.1	251.7	254.0	205.6	204.0	236.3
1950—Average.....	292.1	306.1	283.4	335.1	340.5	260.4
1951—Average.....	353.1	376.6	338.6	379.9	351.1	240.0
March.....	380.0	420.2	357.5	411.7	398.6	370.9
June.....	351.2	375.5	336.4	373.2	376.9	337.5
September.....	325.7	336.7	318.7	343.6	367.6	307.2
December.....	328.1	335.7	328.2	358.6	365.2	318.0

Source: Department of Labor, Bureau of Labor Statistics; annual report, *Wholesale Prices*; also published daily and weekly in mimeographed reports.

No. 329.—PURCHASING POWER OF THE DOLLAR: 1935 TO 1951

[Base 1935-1939=100. Computed from indexes compiled by the U. S. Department of Labor, Bureau of Labor Statistics]

YEAR	MONTHLY AVERAGE AS MEASURED BY—			YEAR	MONTHLY AVERAGE AS MEASURED BY—		
	Whole-sale prices	Con-sumers' prices	Retail food prices		Whole-sale prices	Con-sumers' prices	Retail food prices
1935.....	100.5	101.9	99.5	1944.....	77.4	79.6	73.4
1936.....	99.6	100.9	98.6	1945.....	76.0	77.8	71.8
1937.....	93.2	97.4	94.9	1946.....	65.4	71.7	62.6
1938.....	102.3	99.2	102.1	1947.....	52.8	62.7	61.5
1939.....	104.3	100.6	104.0	1948.....	48.7	58.2	47.6
1940.....	102.3	99.8	103.4	1949.....	51.9	58.8	49.5
1941.....	92.1	95.1	94.7	1950.....	49.8	58.2	48.0
1942.....	81.4	85.8	80.6	1951.....	44.6	53.9	44.0
1943.....	78.0	80.8	72.4				

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, February 1952, and *Business Statistics Supplement*, 1951.

No. 330.—WHOLESALE PRICES—INDEXES, ALL COMMODITIES AND BY ECONOMIC CLASSES: 1930 TO 1951

[Figures in column heads indicate current number of quotations. Indexes of National Bureau of Economic Research are weighted arithmetic means for 680 price series, weights being based upon average value of production in 1927 and 1931. For method of computing Department of Labor index, see general note, p. 271 (1926=100 base shifted to 1929=100)]

YEAR	DEPARTMENT OF LABOR, BUREAU OF LABOR STATISTICS 1929=100				NATIONAL BUREAU OF ECONOMIC RESEARCH 1929=100				
	All com- modities	Raw materials	Semi-manu- factured products	Manu- factured prod- ucts	All com- modities	Pro- ducers' goods	Con- sumers' goods	Durable goods	Non- durable goods ¹
	877	106	94	677	680 ²	418 ²	292 ²	222 ²	469 ²
1930.....	90.7	86.5	87.1	93.1	90.5	88.4	93.2	93.0	89.1
1931.....	76.6	67.3	73.5	81.5	76.5	73.1	80.7	84.7	72.7
1932.....	68.0	56.5	63.2	74.4	67.4	64.9	70.6	73.5	61.5
1933.....	69.2	57.9	69.6	74.6	69.4	68.3	70.9	80.2	64.1
1934.....	83.9	79.1	78.4	87.0	83.4	83.1	83.9	86.5	81.2
1935.....	90.6	87.0	90.8	92.3	90.8	93.1	88.0	98.7	87.2
1936.....									
1937.....									
1938.....									
1939.....	80.9	72.0	82.0	85.1	80.6	82.1	78.6	95.4	74.0
1940.....	91.6	85.6	92.5	94.3	92.1	94.3	89.0	104.2	87.2
1941.....	103.7	103.2	98.6	104.3	104.5	105.8	103.2	110.3	102.9
1942.....	108.2	115.0	98.9	105.0	100.4	110.3	108.4	110.6	109.5
1943.....	109.1	116.1	100.2	106.7	110.4	112.6	108.0	112.2	110.2
1944.....									
1945.....	111.0	119.8	102.1	107.7	112.6	115.4	109.1	113.8	112.6
1946.....	127.1	138.2	118.0	122.9	120.1	131.2	126.5	124.6	131.8
1947.....	150.6	169.8	158.1	154.5	162.3	168.0	155.3	167.8	165.8
1948.....	173.2	183.0	168.3	168.7	175.5	182.7	166.6	176.5	174.8
1949.....	162.6	168.1	160.0	160.0	165.5	171.4	158.1	180.4	159.0
1950.....	169.5	176.8	166.1	165.9	172.9	181.7	161.8	180.0	166.6
1951.....	189.3	197.3	189.1	185.1	194.0	205.0	180.2	207.2	190.5

¹ Perishable and semidurable.

² Sum of number of quotations for producers' and consumers' goods and for durable and nondurable goods is greater than number of all commodities owing to duplication of certain price series in classifications. For example, identical price quotations on flour are used in both producers' goods and consumers' goods.

No. 331.—CONSUMERS' PRICE INDEX FOR MODERATE-INCOME FAMILIES IN LARGE CITIES: 1913 TO 1951

1925-39=100. For detailed explanation, see general note p. 271. The Consumers' Price Index has been adjusted to incorporate a correction of new unit bias in rent index beginning with indexes for 1940 and adjusted population and commodity weights beginning with indexes for January 1950. These adjustments make a continuous comparable series. See also *Historical Statistics*, series L 41-47.

YEAR AND MONTH	All items	Food	Apparel	Rent	FUEL, ELECTRICITY, AND REFRIGERATION				House-furnishings	Miscellaneous
					Total	Gas and electric-ity	Other fuels	Ice		
1913.....	70.7	70.9	69.3	92.2	61.9	—	—	—	50.1	50.9
1914.....	71.8	81.8	69.8	92.2	62.3	—	—	—	60.7	51.9
1915.....	72.5	80.9	71.4	92.3	62.5	—	—	—	63.0	53.6
1916.....	77.9	90.8	78.3	94.0	65.0	—	—	—	70.0	56.3
1917.....	91.6	116.9	94.1	93.2	72.4	—	—	—	82.3	65.1
1918.....	107.5	134.4	127.5	94.9	84.2	—	—	—	100.4	77.8
1919.....	123.8	149.6	138.7	102.7	91.1	—	—	—	134.1	87.0
1920.....	143.8	168.8	201.0	120.7	106.9	—	—	—	164.6	100.5
1921.....	127.7	128.3	154.8	138.6	114.0	—	—	—	138.5	104.3
1922.....	119.7	119.9	125.6	142.7	113.1	—	—	—	117.5	101.2
1923.....	121.9	124.0	125.0	146.4	115.2	—	—	—	126.1	100.8
1924.....	122.2	122.8	124.9	151.6	113.7	—	—	—	124.0	101.4
1925.....	125.4	132.9	122.4	152.2	115.4	—	—	—	121.5	102.2
1926.....	126.4	137.4	120.6	150.7	117.2	—	—	—	118.8	102.6
1927.....	124.0	132.3	118.3	148.3	116.4	—	—	—	115.9	103.2
1928.....	122.6	130.8	116.5	144.8	113.4	—	—	—	113.1	103.3
1929.....	122.5	132.5	115.3	141.4	112.5	—	—	—	111.7	104.6
1930.....	119.4	126.0	112.7	137.5	111.4	—	—	—	108.9	105.1
1931.....	103.7	103.9	102.6	130.3	108.9	—	—	—	98.0	104.1
1932.....	97.6	86.5	90.8	116.9	103.4	—	—	—	85.4	101.7
1933.....	92.4	84.1	87.9	100.7	100.0	—	—	—	84.2	98.4
1934.....	95.7	93.7	96.1	94.4	101.4	—	—	—	92.8	97.0
1935.....	98.1	100.4	96.8	94.2	100.7	102.8	98.4	100.0	94.8	98.1
1936.....	99.1	101.3	97.6	96.4	100.2	100.8	99.8	100.0	96.3	98.7
1937.....	102.7	105.3	102.8	100.9	100.2	99.1	101.7	100.0	104.3	101.0
1938.....	100.8	97.8	102.2	104.1	99.9	99.0	101.0	100.0	103.3	101.5
1939.....	99.4	95.2	100.5	104.3	99.0	98.9	99.1	100.2	101.3	100.7
1940.....	100.2	96.6	101.7	104.6	99.7	98.0	101.9	100.4	100.5	101.1
1941.....	105.2	105.5	106.3	106.4	102.2	97.1	108.3	104.1	107.3	104.0
1942.....	116.6	123.9	124.2	108.8	105.4	96.7	115.1	110.0	122.2	110.9
1943.....	123.7	138.0	129.7	108.7	107.7	96.1	120.7	114.2	125.0	115.8
1944.....	125.7	136.1	138.8	109.1	109.8	95.8	126.0	115.8	130.4	121.3
1945.....	128.6	139.1	145.9	109.5	110.3	95.0	128.3	115.9	145.8	124.1
1946.....	139.5	159.6	180.2	110.1	112.4	92.3	136.9	115.0	159.2	128.8
1947.....	159.6	193.8	185.8	113.6	121.1	92.0	156.1	125.9	184.4	139.9
1948.....	171.9	210.2	198.0	121.2	133.9	94.3	183.4	135.2	195.8	149.9
1949.....	170.2	201.9	190.1	126.4	137.5	93.7	187.7	141.7	189.0	154.6
1950.....	171.2	204.1	188.0	124.1	141.1	97.0	194.8	147.8	190.8	157.1
Mar. 15.....	167.0	196.0	185.0	122.9	140.9	97.1	194.4	146.6	185.4	155.0
June 15.....	170.2	204.6	185.0	123.9	138.9	97.0	189.4	146.6	185.2	155.3
Sept. 15.....	173.8	208.5	190.5	124.8	141.8	97.0	196.5	148.0	195.4	158.8
Dec. 15.....	178.4	215.4	196.4	125.8	144.1	96.8	201.3	152.1	204.8	162.0
1951.....	185.9	227.2	206.2	128.8	146.0	97.3	204.5	155.6	212.8	166.8
Mar. 15.....	184.5	225.4	204.6	127.3	146.3	97.2	205.7	154.4	212.7	165.8
June 15.....	185.5	227.0	205.5	128.3	146.1	97.2	202.3	156.0	214.6	166.3
Sept. 15.....	186.5	226.3	210.7	130.0	146.3	97.3	204.8	157.8	212.8	167.5
Dec. 15.....	190.0	233.9	209.1	131.8	147.1	97.5	207.0	159.3	211.8	170.5
NEW BASIS ²										
1950.....	171.9	204.5	187.7	131.0	140.6	96.8	194.1	147.8	190.2	156.5
Mar. 15.....	168.4	196.6	185.1	129.8	140.3	96.9	193.1	146.8	185.3	155.0
June 15.....	170.2	203.1	184.6	130.9	139.1	96.8	189.0	147.0	184.8	154.6
Sept. 15.....	174.6	210.0	189.8	131.8	141.2	96.9	196.1	148.1	194.2	157.8
Dec. 15.....	178.8	216.3	195.5	132.9	142.8	96.8	201.7	151.5	203.2	160.6
1951.....	185.6	227.4	204.5	136.2	144.1	97.2	204.5	155.6	210.9	165.4
Mar. 15.....	184.5	226.2	203.1	134.7	144.2	97.2	205.0	154.4	210.7	164.8
June 15.....	185.2	226.9	204.0	135.7	143.6	97.1	202.8	156.0	212.5	164.8
Sept. 15.....	186.6	227.3	209.0	137.5	144.4	97.3	204.9	157.8	211.1	166.0
Dec. 15.....	189.1	232.2	206.8	139.2	144.9	97.5	206.6	156.3	210.2	169.1

¹ Includes transportation, medical care, recreation, household operation, personal care, etc.

² Weights adjusted to current spending patterns.

Source: Department of Labor, Bureau of Labor Statistics; *Handbook of Labor Statistics and Monthly Labor Review*.

No. 332.—COST OF LIVING INDEX: 1820 TO 1913

[1913=100. See also *Historical Statistics*, series L 36, for complete presentation of series and for detailed references to basic sources]

YEAR	Index	YEAR	Index	YEAR	Index	YEAR	Index	YEAR	Index
1820.....	65	1860.....	61	1892.....	77	1900.....	80	1908.....	91
1825.....	58	1865.....	102	1893.....	75	1901.....	82	1909.....	91
1830.....	54	1870.....	91	1894.....	73	1902.....	84	1910.....	93
1835.....	60	1875.....	86	1895.....	73	1903.....	88	1911.....	96
1840.....	60	1880.....	80	1896.....	74	1904.....	87	1912.....	102
1845.....	54	1885.....	75	1897.....	75	1905.....	87	1913.....	100
1850.....	54	1890.....	78	1898.....	76	1906.....	90		
1855.....	67	1891.....	76	1899.....	77	1907.....	95		

Source: Federal Reserve Bank of New York, *Index of Estimated Cost of Living in the U. S.* (1938 revision).

No. 333.—CONSUMERS' PRICE INDEX FOR MODERATE-INCOME FAMILIES IN 34 LARGE CITIES: 1929 TO 1951

[1935-39 average=100. For detailed explanation, see general note, p. 271]

CITY	DECEMBER 15, INDEX OF CONSUMERS' PRICES—ALL ITEMS						DECEMBER 15, 1951, ¹ INDEX FOR—						
	1929	1932	1939	1941	1949	1950 ¹	All Items	Food	Ap- parel	Rent	Fuel, elec- tricity, refrig- eration	House fur- nish- ings	Mis- cel- la- neous
U. S. (34 cities) ²	122.8	93.5	99.6	110.5	168.8	178.8	189.1	232.2	206.8	139.2	144.9	210.2	169.1
Atlanta.....	124.6	91.8	98.7	110.6	173.0	180.7	196.1	230.7	221.0	140.5	160.8	219.4	170.5
Baltimore.....	118.2	93.3	98.0	112.5	173.6	183.1	193.8	242.5	199.2	140.9	140.2	211.0	169.7
Birmingham.....	128.1	90.1	90.5	114.0	170.4	183.0	196.0	222.7	219.7	200.3	138.2	201.7	168.9
Boston.....	124.0	95.8	97.9	108.2	163.6	171.2	180.9	219.3	193.9	131.8	162.5	200.9	163.7
Buffalo.....	121.8	92.9	99.7	113.4	169.1	174.1	186.9	226.7	202.4	139.4	154.0	211.7	172.0
Chicago.....	129.3	93.8	99.8	110.6	173.7	183.4	194.2	238.1	209.4	153.9	138.2	197.7	171.3
Cincinnati.....	122.2	92.0	98.2	110.3	168.0	178.4	187.9	250.4	202.9	128.2	151.2	196.2	169.9
Cleveland.....	118.1	90.4	100.9	113.3	171.9	179.6	192.0	238.5	205.0	147.5	150.5	190.1	167.7
Denver.....	117.0	91.3	99.7	109.4	168.0	178.1	191.2	239.2	212.2	162.1	113.8	237.8	164.4
Detroit.....	124.7	86.2	99.8	112.7	170.3	181.3	191.9	234.5	199.1	143.0	165.3	225.7	181.3
Houston.....	120.7	89.3	101.3	111.5	175.8	186.1	196.0	241.2	221.4	169.9	98.5	205.7	173.5
Indianapolis.....	122.4	91.3	99.6	113.8	172.7	178.9	189.9	227.0	199.8	145.8	161.9	193.2	179.1
Jacksonville.....	128.7	92.8	99.3	114.3	176.0	185.6	195.9	235.0	201.2	159.7	143.0	212.1	180.6
Kansas City.....	117.9	94.6	99.3	108.7	162.8	169.0	180.4	218.0	199.8	147.9	134.2	197.4	168.0
Los Angeles.....	124.4	95.0	100.4	112.4	167.8	178.5	190.4	240.7	197.4	164.4	97.5	208.4	164.6
Manchester.....	(³)	(³)	90.0	110.7	170.2	176.6	187.0	220.9	197.1	133.2	170.5	216.3	159.7
Memphis.....	121.5	90.7	98.9	111.2	173.5	182.7	191.4	238.9	220.9	158.8	141.7	181.5	158.1
Milwaukee.....	(³)	(³)	98.1	109.4	169.3	180.3	195.3	232.6	208.7	168.6	152.3	215.6	168.5
Minneapolis.....	117.2	92.8	101.1	110.7	168.0	177.7	184.7	224.0	216.3	148.0	142.5	202.0	172.1
Mobile.....	124.7	93.0	99.7	116.5	168.4	177.1	187.3	231.4	208.4	147.1	130.5	179.5	160.8
New Orleans.....	119.6	92.4	100.4	113.5	176.0	180.1	190.0	244.3	210.7	140.0	113.2	206.0	153.1
New York.....	123.0	97.3	100.1	113.8	166.0	175.4	184.0	250.6	210.4	116.9	144.5	200.3	163.3
Norfolk.....	122.4	93.6	98.5	115.0	171.3	179.3	191.7	235.6	196.0	159.1	159.2	205.6	167.9
Philadelphia.....	123.4	93.4	98.6	108.8	167.8	178.1	189.2	228.8	202.4	130.1	160.5	217.5	171.4
Pittsburgh.....	124.9	93.8	98.8	110.8	170.4	180.2	191.7	234.6	236.5	128.9	146.6	214.9	168.2
Portland, Maine.....	119.0	95.8	97.6	108.7	162.9	171.3	179.9	216.1	211.7	123.5	160.0	202.1	162.0
Portland, Oreg.....	117.8	91.8	100.9	113.7	174.7	184.3	195.8	253.3	203.6	153.2	135.1	206.2	172.9
Richmond.....	118.3	92.9	98.8	110.1	167.5	173.8	183.8	218.3	211.2	153.7	148.8	225.1	154.3
St. Louis.....	123.6	92.3	99.1	110.6	168.3	178.8	190.2	243.9	207.8	133.3	143.5	184.8	163.5
San Francisco.....	118.1	95.2	100.2	111.3	172.4	181.5	193.1	248.4	201.5	136.3	97.6	174.9	177.9
Savannah.....	124.4	94.1	99.7	114.1	176.5	183.6	198.8	241.7	210.1	165.4	168.8	219.1	173.8
Scranton.....	126.9	98.1	97.4	108.3	166.4	173.1	185.4	229.9	214.3	121.8	161.6	187.1	155.4
Seattle.....	119.7	92.8	100.9	114.7	174.5	183.1	194.6	239.9	207.5	156.7	132.2	213.5	175.6
Washington, D. O.....	114.5	94.1	98.9	109.8	168.5	173.5	184.7	228.9	226.4	126.1	149.3	220.4	170.6

¹ New basis. Weights adjusted to current spending patterns. See headnote, table 331.

² Indexes for food based on prices in 51 cities through 1942, 56 cities thereafter. Data for Milwaukee, except for food, not included prior to December 1940.

³ November.

⁴ October.

⁵ Not available.

Source: Department of Labor, Bureau of Labor Statistics; *Handbook of Labor Statistics*, Bulletin 699, and *Monthly Labor Review*.

No. 334.—CONSUMERS' PRICE INDEXES IN SELECTED CITIES: 1939 TO 1950

[January 1939=100. Data cover prices of important commodities and services entering into family living expense, i. e., food, housing, clothing, fuel, light, household furnishings, medical fees, automobile purchase and operation, carfare, etc.]

CITY	1939	1941	1943	1944	1945	1946 ¹	1947 ²	1948	1949	1950 ³
Akron.....	99.9	109.2	126.5	127.9	129.2	138.4	155.7	165.6	164.1	165.2
Atlanta.....	99.3	104.0	122.0	124.1	126.1	134.1	153.1	159.8	155.5	157.9
Baltimore.....	99.9	106.5	126.5	128.5	130.2	137.7	156.3	165.6	163.6	164.6
Birmingham.....	99.5	106.5	124.2	127.1	128.8	136.6	153.4	161.1	158.4	160.8
Boston.....	99.6	104.8	122.5	122.6	124.5	135.1	161.7	161.8	159.1	161.6
Bridgeport.....	100.0	106.7	124.9	126.8	127.1	136.2	154.4	166.3	162.3	162.8
Buffalo.....	100.7	109.0	128.3	128.3	129.4	137.4	156.5	167.4	166.6	169.4
Chattanooga.....	99.0	103.4	123.0	126.6	128.1	137.2	154.8	161.1	154.4	157.5
Chicago.....	99.5	105.6	122.1	123.5	125.6	134.5	154.5	166.4	163.8	167.9
Cincinnati.....	99.3	105.2	123.1	124.0	125.9	134.9	154.9	165.6	164.1	166.1
Cleveland.....	99.5	105.4	122.9	125.4	127.8	135.9	154.6	165.2	162.2	164.0
Dallas.....	99.4	103.9	121.8	124.2	127.3	133.8	149.1	159.0	160.4	167.0
Dayton.....	98.6	105.9	122.6	124.2	126.6	133.8	151.8	160.7	158.0	160.4
Denver.....	100.0	103.7	120.5	123.3	125.0	133.7	151.0	160.6	158.7	160.2
Des Moines.....	100.4	106.0	122.8	123.8	124.8	132.6	161.0	161.1	158.4	161.1
Detroit.....	99.5	107.0	126.9	128.5	131.2	139.3	156.9	166.6	164.0	166.8
Duluth.....	100.1	104.8	122.6	122.6	125.9	135.5	154.3	165.0	163.2	165.8
Eric, Pa.....	100.6	108.4	131.0	131.6	133.8	143.4	164.5	174.0	173.0	175.6
Fall River.....	99.9	105.9	123.7	124.8	126.1	134.6	150.5	160.9	159.3	168.8
Grand Rapids.....	99.7	108.1	126.9	128.8	131.6	139.6	157.4	167.1	162.6	165.9
Green Bay, Wis.....	(⁴)	(⁴)	119.2	122.0	125.1	132.4	151.2	160.5	163.5	165.1
Houston.....	99.4	104.4	120.0	122.5	124.4	132.0	149.0	159.0	156.3	160.2
Huntington, W. Va.....	(⁴)	(⁴)	124.9	126.3	131.4	139.8	158.0	163.6	157.7	159.9
Indianapolis.....	99.8	107.1	124.2	127.2	130.1	140.5	156.9	166.8	165.0	168.6
Kansas City, Mo.....	99.9	103.7	120.8	123.5	125.7	133.1	149.1	158.0	154.0	164.6
Lansing.....	(⁴)	107.2	128.1	130.7	133.4	141.3	158.8	166.6	162.0	164.3
Los Angeles.....	99.5	104.8	123.9	125.6	128.0	135.3	150.1	158.7	156.1	159.5
Louisville.....	99.9	106.4	123.0	124.1	127.8	138.8	161.4	171.5	167.3	167.9
Macon.....	99.8	106.5	128.8	131.1	132.1	138.8	156.6	163.5	159.8	(⁵)
Memphis.....	100.0	106.1	125.7	126.5	127.9	136.5	153.1	169.5	156.9	157.1
Milwaukee.....	99.5	105.6	122.4	124.4	126.6	134.6	161.5	163.9	165.2	172.8
Minneapolis.....	100.6	106.0	123.6	125.8	127.9	137.1	157.0	169.0	168.6	169.2
Muskegon.....	(⁴)	110.4	128.9	130.8	133.8	144.5	164.5	172.2	160.2	169.9
Newark.....	99.6	104.6	123.3	123.1	124.6	133.1	149.4	160.5	158.5	158.6
New Haven.....	99.9	105.2	119.2	119.7	120.9	129.5	148.0	155.8	152.4	152.2
New Orleans.....	100.4	107.6	128.1	128.2	130.6	139.8	159.7	168.3	162.7	164.9
New York.....	100.0	105.7	122.8	124.6	126.1	134.6	161.5	161.2	158.9	159.5
Omaha.....	100.6	105.6	122.9	125.3	128.2	136.8	156.3	167.3	165.4	168.4
Philadelphia.....	99.8	105.8	123.9	125.3	127.3	136.1	153.1	160.9	158.2	159.4
Pittsburgh.....	99.7	106.8	123.3	124.0	125.8	134.7	153.4	163.6	160.7	161.9
Portland, Oreg.....	100.2	105.7	125.7	127.3	128.4	137.2	153.8	164.0	163.1	165.2
Providence.....	100.1	104.6	122.1	124.4	127.9	136.5	153.1	163.9	160.2	161.0
Richmond.....	99.7	105.0	124.1	126.7	129.3	138.1	158.6	166.9	163.8	164.5
Roanoke, Va.....	(⁴)	(⁴)	128.0	129.9	131.1	140.0	169.6	168.7	167.1	167.6
Rochester.....	100.0	108.1	125.2	127.4	129.5	138.8	157.1	164.0	165.7	168.3
Rockford, Ill.....	(⁴)	(⁴)	130.6	131.9	134.0	143.1	163.6	174.6	172.4	(⁶)
Sacramento.....	100.4	104.3	123.5	126.6	128.5	136.6	163.5	163.2	161.4	163.4
St. Louis.....	99.5	105.3	123.9	125.0	126.6	134.3	162.1	161.8	158.0	160.0
St. Paul.....	100.5	105.7	121.2	122.6	123.9	133.9	164.2	165.7	161.7	(⁴)
San Francisco—Oakland.....	99.4	103.7	123.2	125.8	128.1	138.2	155.5	165.9	165.0	164.2
Seattle.....	100.4	106.6	126.2	127.3	128.9	137.9	154.8	164.1	161.0	161.8
Spokane.....	100.0	105.7	124.5	125.2	127.5	137.9	151.9	160.9	159.2	161.9
Syracuse.....	(⁴)	106.3	126.6	126.5	127.9	135.7	153.6	161.4	158.5	160.9
Toledo.....	99.9	104.7	123.0	127.3	130.9	140.2	158.0	168.7	165.2	166.6
Wausau, Wis.....	100.1	107.2	124.4	125.9	128.4	137.7	157.0	168.0	165.7	(⁴)
Wilmington, Del.....	100.0	106.2	124.2	124.1	125.1	134.3	160.9	159.2	156.8	160.9
Youngstown.....	99.7	107.4	126.1	127.3	130.5	138.2	154.5	163.8	159.6	(⁴)

¹ Average of four quarterly indexes.

² Weighted average of two quarterly indexes and six monthly indexes.

³ 12-month average. Price movements in 10 key cities measured monthly; for other cities (surveyed quarterly on a staggered schedule), preceding surveyed index used for each nonsurveyed month.

⁴ Not available.

⁵ Discontinued.

⁶ St. Paul combined with Minneapolis.

Source: National Industrial Conference Board, New York, N. Y.; *The Economic Almanac*.

RETAIL FOOD PRICE INDEX

281

No. 335.—INDEXES OF RETAIL PRICES OF FOODS, BY GROUP: 1929 to 1951

[1935-39 average=100. See general note, p. 271]

YEAR AND MONTH	All foods	Cereals and bakery products	Meats, poultry, and fish	Dairy products	Eggs	FRUITS AND VEGETABLES					Beverages	Fats and oils	Sugar and sweets
						Total	Frozen ¹	Fresh	Canned	Dried			
1929.....	132.5	107.6	127.1	131.0	143.8	160.0	-----	173.5	124.3	171.0	164.8	127.2	114.3
1930.....	126.0	104.3	119.1	121.0	121.4	177.5	-----	185.7	118.6	158.7	143.4	119.2	107.4
1931.....	103.9	91.4	101.1	102.8	95.6	125.7	-----	128.7	103.3	118.7	124.6	96.0	99.1
1932.....	86.5	82.6	79.3	84.9	82.3	103.5	-----	105.9	91.1	91.2	112.6	71.1	89.6
1933.....	84.1	84.7	68.9	82.8	77.9	113.8	-----	118.9	87.9	88.4	102.4	60.4	94.3
1934.....	93.7	98.3	78.9	90.9	88.6	119.1	-----	122.3	103.9	101.1	107.6	76.4	97.9
1935.....	100.4	101.8	99.9	97.5	104.2	99.7	-----	98.8	103.2	100.8	104.0	110.3	100.7
1936.....	101.3	100.7	98.9	101.6	103.3	104.8	-----	106.2	100.9	96.6	99.4	102.8	99.6
1937.....	105.3	103.3	105.8	105.4	101.2	107.9	-----	108.6	103.2	116.0	108.3	105.8	101.2
1938.....	97.8	99.8	98.9	99.6	100.3	93.2	-----	92.1	97.4	93.3	97.7	93.5	97.9
1939.....	95.2	94.5	96.6	95.9	91.0	94.5	-----	95.1	92.3	93.3	95.5	87.7	100.6
1940.....	96.6	96.8	95.8	101.4	93.8	96.5	-----	97.3	92.4	100.6	92.5	82.2	96.8
1941.....	105.5	97.9	107.5	112.0	112.2	103.2	-----	104.2	97.9	106.7	101.5	94.0	106.4
1942.....	123.9	105.1	126.0	125.4	136.5	130.8	-----	132.8	121.0	136.3	121.2	119.6	126.5
1943.....	138.0	107.6	133.8	134.6	161.9	160.8	-----	178.0	130.6	158.9	124.8	126.1	127.1
1944.....	136.1	108.4	129.9	133.6	153.9	168.2	-----	177.2	129.5	164.5	124.3	123.3	126.5
1945.....	139.1	100.0	131.2	133.9	164.4	177.1	-----	188.2	130.2	168.2	124.7	124.0	126.5
1946.....	159.6	125.0	161.3	165.1	168.8	182.4	-----	190.7	140.8	190.4	139.0	152.1	143.9
1947.....	193.8	155.4	217.1	186.2	200.8	199.4	-----	201.5	166.2	263.5	207.2	144.4	180.0
1948.....	210.2	170.9	246.5	204.8	208.7	205.2	-----	212.4	158.0	246.8	205.0	195.5	174.0
1949.....	201.9	169.7	233.4	186.7	201.2	208.1	-----	218.8	152.9	227.4	220.7	148.4	176.4
Jan. 15.....	204.8	170.5	235.9	190.0	209.6	205.2	-----	213.3	159.2	228.4	208.7	174.7	173.4
Feb. 15.....	199.7	170.0	221.4	192.5	179.6	213.7	-----	224.9	158.6	224.6	209.0	159.8	174.3
Mar. 15.....	201.6	170.1	229.6	190.3	180.1	214.5	-----	226.0	158.0	227.9	208.5	155.1	175.6
Apr. 15.....	202.8	170.3	234.4	184.9	183.8	218.6	-----	231.5	157.1	228.3	208.2	149.8	176.2
May 15.....	202.4	170.1	232.3	182.6	190.9	220.7	-----	234.6	156.3	227.5	207.2	144.4	176.1
June 15.....	204.3	169.7	240.6	182.0	198.0	217.9	-----	231.1	155.3	227.3	207.0	142.9	170.5
July 15.....	201.7	169.5	236.0	182.2	204.1	210.2	-----	221.2	154.2	228.1	208.2	141.0	176.2
Aug. 15.....	202.6	169.4	239.5	184.9	222.2	201.9	-----	211.4	149.7	229.6	208.8	144.0	176.5
Sept. 15.....	204.2	169.7	243.6	185.3	232.6	199.8	-----	209.0	148.0	230.1	211.0	148.3	176.8
Oct. 15.....	200.6	169.1	235.1	186.7	227.8	194.5	-----	202.3	147.0	228.5	213.3	144.5	177.5
Nov. 15.....	200.8	169.2	229.1	186.4	207.8	202.0	-----	212.7	146.2	224.7	205.3	139.7	178.9
Dec. 15.....	197.3	169.2	223.2	186.2	178.0	198.2	-----	208.0	145.1	224.3	202.5	136.7	178.8
NEW BASIS ²													
1950.....	204.5	172.7	243.6	184.7	173.6	199.2	-----	206.1	146.0	228.5	312.5	144.3	179.9
Jan. 15.....	196.0	169.0	219.4	184.2	152.3	204.8	-----	217.2	143.3	223.9	290.5	135.2	178.9
Feb. 15.....	194.9	169.1	222.0	183.6	140.8	199.3	-----	208.7	142.7	222.1	303.3	133.6	178.0
Mar. 15.....	196.6	169.1	229.3	182.4	149.5	195.1	-----	202.0	142.8	221.5	308.5	134.3	177.0
Apr. 15.....	197.3	169.3	231.1	179.6	149.8	198.9	-----	208.1	142.3	221.6	305.5	135.6	175.1
May 15.....	199.8	169.8	240.2	178.3	143.7	202.2	-----	213.6	142.0	222.9	290.1	137.7	174.4
June 15.....	208.1	169.8	246.5	177.8	148.4	200.3	-----	224.3	142.7	222.9	296.5	140.1	174.3
July 15.....	208.2	171.5	255.7	180.7	163.3	211.5	-----	227.7	142.7	222.9	303.0	141.8	175.7
Aug. 15.....	209.9	175.5	260.7	184.3	182.2	193.4	-----	196.9	145.7	227.6	321.3	153.9	185.6
Sept. 15.....	210.0	176.9	261.0	186.9	192.1	186.9	-----	183.9	147.6	229.8	327.3	154.8	185.4
Oct. 15.....	210.6	177.2	253.3	191.9	206.2	189.8	-----	187.7	151.6	236.1	333.4	152.9	184.8
Nov. 15.....	210.8	177.6	250.3	192.8	205.4	195.7	-----	195.9	153.2	242.2	325.5	152.9	184.6
Dec. 15.....	216.3	177.7	253.4	194.0	249.4	208.9	100.0	207.3	155.3	248.8	327.5	153.5	184.9
1951.....	227.4	188.5	272.2	206.0	211.3	217.9	98.6	223.3	165.9	249.9	344.5	168.8	186.6
Jan. 15.....	221.9	185.4	263.6	202.6	191.5	214.1	100.2	220.0	160.6	253.4	340.6	171.5	185.6
Feb. 15.....	226.0	187.1	270.1	204.4	179.8	224.3	100.8	233.4	165.1	256.7	342.7	176.5	186.0
Mar. 15.....	226.2	187.5	272.2	204.6	195.2	217.1	101.2	220.7	167.0	257.4	342.6	177.3	186.0
Apr. 15.....	225.7	188.3	272.6	204.1	191.2	214.8	100.2	215.9	168.9	257.8	343.5	178.3	185.9
May 15.....	227.4	188.2	272.7	203.5	198.4	221.6	99.6	226.5	169.6	256.7	345.3	176.7	185.4
June 15.....	226.9	188.4	271.6	203.9	201.2	219.9	98.8	223.5	170.4	254.4	345.2	175.2	180.1
July 15.....	227.7	189.0	273.2	205.1	211.5	218.5	98.8	221.8	170.0	250.7	344.8	168.8	188.0
Aug. 15.....	227.0	188.7	275.0	205.9	225.8	208.9	98.0	209.1	165.8	248.5	345.2	162.7	188.3
Sept. 15.....	227.3	189.4	275.0	206.4	239.2	205.1	97.5	204.3	164.2	246.6	345.0	161.5	188.2
Oct. 15.....	229.2	189.4	276.6	207.9	243.4	210.8	97.5	214.4	162.8	246.8	345.8	160.6	187.0
Nov. 15.....	231.4	190.2	273.5	210.4	241.8	223.5	95.9	235.0	162.7	258.1	346.6	158.5	186.7
Dec. 15.....	232.2	190.4	270.1	213.2	216.7	236.5	95.0	255.4	163.3	258.9	346.8	157.8	189.4

¹ December 1950=100.

² Weights adjusted to current spending patterns.

No. 336.—INDEXES OF RETAIL PRICES OF FOODS, BY CITY: 1929 TO 1951

[1935-39 average=100. Sales taxes included wherever applicable. See general note, p. 271]

REGION AND CITY	1929	1932	1939	1941	1945	1949	1950 ¹			1951 ¹		
							Avg.	June	Dec.	Avg.	June	Dec.
United States²	132.5	86.5	95.2	105.5	139.1	201.9	204.5	203.1	216.3	227.4	226.9	232.2
New England:												
Boston.....	137.1	89.3	95.3	103.2	133.6	192.9	195.6	196.1	204.1	215.0	214.9	219.3
Bridgeport.....	127.3	88.1	94.8	104.9	135.9	200.0	203.8	204.0	214.6	225.7	225.9	228.9
Fall River.....	130.8	84.6	96.0	104.9	132.9	198.8	200.9	200.7	211.4	220.9	221.3	223.8
Manchester.....	127.0	82.9	96.1	104.8	135.2	199.4	200.9	200.0	210.1	219.9	221.0	220.9
New Haven.....	128.4	83.2	94.7	103.9	136.0	195.0	199.1	199.8	208.7	220.0	220.5	222.2
Portland, Maine.....	137.3	90.9	93.6	103.8	133.6	191.9	194.1	193.0	202.9	213.1	213.9	216.1
Providence.....	132.9	86.6	94.9	104.6	138.1	207.1	207.8	207.9	219.3	230.2	229.6	234.1
Middle Atlantic:												
Buffalo.....	132.6	85.7	96.9	108.5	136.8	196.2	198.7	199.0	207.5	221.5	224.3	226.7
Newark.....	127.2	89.3	96.7	105.7	141.4	198.6	202.2	203.3	215.3	225.3	225.5	227.2
New York.....	133.4	92.5	96.5	106.0	140.1	202.7	204.7	203.7	216.1	226.3	224.4	230.6
Philadelphia.....	130.3	86.5	94.4	102.4	137.1	197.4	201.3	201.4	212.9	223.8	222.2	228.8
Pittsburgh.....	135.4	83.9	92.5	106.2	138.6	205.8	208.1	207.6	218.0	230.4	230.3	234.6
Rochester.....	131.8	84.6	94.9	106.9	135.6	195.5	197.7	196.4	206.1	220.4	222.9	227.4
Scranton.....	140.6	88.7	94.8	104.9	139.4	201.4	202.6	204.2	212.1	225.0	225.7	229.9
East North Central:												
Chicago.....	133.2	87.5	94.9	106.2	137.8	207.4	200.4	208.4	221.6	233.3	233.4	238.1
Cincinnati.....	135.6	82.9	92.3	105.0	137.6	201.5	206.2	205.1	215.9	227.9	226.9	230.4
Cleveland.....	131.1	82.4	96.3	107.7	143.2	200.0	211.4	211.2	220.9	235.0	236.3	238.5
Columbus.....	131.5	83.6	92.3	102.2	131.5	184.3	186.5	183.9	197.4	207.6	208.5	211.8
Detroit.....	133.9	78.8	93.7	104.9	135.0	196.6	203.5	202.9	217.2	230.3	229.4	234.5
Indianapolis.....	138.3	85.5	93.5	106.8	135.4	197.9	201.5	198.1	214.9	223.6	222.4	227.0
Milwaukee.....	131.6	87.1	93.7	104.0	137.4	202.2	206.8	206.6	216.3	228.2	229.0	232.6
Peoria.....	128.6	81.8	96.0	108.2	143.3	212.4	216.9	216.8	226.9	238.0	241.2	242.5
Springfield.....	131.7	81.7	95.5	105.6	144.2	208.0	213.3	211.8	231.7	238.4	238.5	242.6
West North Central:												
Cedar Rapids ³	(4)	(4)	(4)	104.1	142.5	206.1	211.1	208.6	225.9	235.0	237.2	239.8
Kansas City.....	129.8	84.2	94.3	101.2	133.0	188.9	191.2	189.2	203.2	213.0	212.8	218.0
Minneapolis.....	125.0	80.3	97.2	106.6	132.0	192.0	195.2	194.1	206.8	218.4	219.4	224.0
Omaha.....	128.3	81.4	94.7	103.7	131.9	196.4	197.8	197.2	209.8	219.7	219.6	227.0
St. Louis.....	128.1	80.4	95.7	107.5	141.4	208.9	213.7	210.2	229.7	238.9	238.2	243.9
St. Paul.....	128.3	82.5	98.1	104.1	130.9	189.7	192.7	192.5	202.8	216.4	216.2	223.7
Wichita ³	(4)	(4)	(4)	105.9	149.6	213.1	213.3	209.4	230.0	238.4	234.0	248.8
South Atlantic:												
Atlanta.....	141.8	86.1	94.3	103.8	140.0	199.3	201.5	195.4	217.0	228.5	228.1	239.7
Baltimore.....	124.1	83.0	93.7	107.0	147.4	212.8	215.3	215.0	226.4	238.3	238.0	242.5
Charleston, S. C.....	128.0	84.9	98.4	104.7	136.9	192.4	191.8	188.0	203.2	215.8	211.6	221.5
Jacksonville.....	131.8	84.8	98.7	108.6	148.2	203.3	209.5	205.8	223.1	230.0	231.0	235.0
Norfolk.....	138.0	88.6	94.2	107.4	143.8	204.2	206.4	205.9	214.8	230.0	229.2	233.6
Richmond.....	133.9	85.4	92.9	103.4	136.4	196.8	196.8	195.2	210.3	217.2	216.4	218.3
Savannah.....	133.4	84.1	96.7	100.8	153.7	211.4	208.8	206.3	223.0	237.9	239.6	241.7
Washington.....	134.6	89.2	95.0	105.4	139.9	200.5	202.6	201.9	216.7	224.3	224.2	228.9
Winston-Salem ³	(4)	(4)	(4)	102.0	140.8	198.8	200.0	197.3	214.1	220.7	220.6	222.8
East South Central:												
Birmingham.....	143.5	86.3	91.9	103.3	143.4	198.2	196.6	192.2	212.3	219.7	216.4	222.7
Jackson ³	(4)	(4)	(4)	111.4	149.7	205.6	206.0	201.0	216.0	225.3	221.9	229.2
Knoxville ³	(4)	(4)	(4)	104.9	159.3	223.3	227.9	223.1	243.0	252.7	249.8	256.6
Louisville.....	132.9	80.8	93.9	105.2	132.8	190.1	192.3	192.0	203.3	215.1	215.5	219.1
Memphis.....	138.0	86.8	92.7	103.8	148.1	213.2	212.1	208.3	224.0	234.3	233.0	238.9
Mobile.....	136.5	85.5	96.3	109.0	147.1	206.2	203.9	200.1	213.2	226.8	225.7	231.4
West South Central:												
Dallas.....	137.2	85.1	92.5	101.0	135.9	204.4	206.4	201.5	221.1	230.6	227.9	235.4
Houston.....	130.1	80.3	97.8	108.9	138.7	211.6	214.5	208.1	227.5	237.4	235.2	241.2
Little Rock.....	135.5	79.9	94.8	104.3	138.6	199.7	203.8	201.0	217.1	224.9	225.2	229.0
New Orleans.....	124.3	84.0	98.1	110.7	153.3	212.6	216.9	212.9	228.2	240.3	238.2	244.3
Mountain:												
Butte.....	133.2	84.6	96.0	105.0	136.6	201.7	203.7	203.0	215.8	226.7	225.5	235.7
Denver.....	120.6	81.6	94.6	103.2	138.8	203.4	207.6	205.9	223.0	232.3	232.6	239.2
Salt Lake City.....	128.9	81.7	95.8	106.1	142.9	204.8	204.7	202.2	217.2	228.2	230.0	233.4
Pacific:												
Los Angeles.....	136.2	86.5	96.2	107.7	145.6	205.8	205.5	201.6	218.0	232.0	230.9	240.7
Portland, Oreg.....	123.1	84.7	98.3	111.5	149.5	215.6	221.4	219.1	234.9	249.3	251.5	253.3
San Francisco.....	127.8	89.5	96.0	107.6	148.2	215.3	215.2	211.1	229.0	238.6	237.4	248.4
Seattle.....	129.0	87.4	97.2	110.2	144.4	208.9	211.8	208.6	225.7	234.5	233.0	239.9

¹ New basis. Weights adjusted to current spending patterns.² Based on costs in 51 cities prior to March 1943, 56 cities thereafter.³ Based on June 1940=100. ⁴ Not available.

No. 337.—AVERAGE RETAIL PRICES OF SELECTED FOODS: 1913 TO 1951

[Prices in cents per pound except for milk (cents per quart), eggs and oranges (cents per dozen), and tomatoes (cents per No. 2 can). Data are averages of prices as reported by retail dealers in 51 large cities prior to 1943 and in 56 cities thereafter. Prices for individual cities combined with use of population weights]

YEAR AND MONTH	Wheat flour	Corn meal	Bread, white	Round steak	Chuck roast	Pork chops	Bacon, sliced	Ham, whole	Lamb, leg	Chickens, roasting	Butter	Cheese
1913-----	3.3	3.0	5.6	22.3	16.0	21.0	27.0	-----	18.9	21.8	38.3	22.1
1920-----	8.1	6.5	11.5	30.5	26.2	42.3	52.3	-----	39.3	44.7	70.1	41.6
1922-----	5.1	3.9	8.7	32.3	19.7	33.0	39.8	-----	36.6	36.0	47.9	32.9
1929-----	5.1	5.3	8.8	46.0	31.4	37.5	43.9	-----	40.2	41.2	55.5	39.5
1932-----	3.2	3.6	7.0	29.7	18.5	21.5	24.2	-----	23.8	25.6	27.8	24.4
1939-----	3.8	4.0	7.9	36.0	23.4	30.4	31.9	27.5	28.2	30.6	32.5	25.3
1941-----	4.5	4.3	8.1	39.1	25.5	34.3	34.3	30.4	29.7	32.6	41.1	30.0
1944-----	6.5	6.2	8.8	41.4	28.8	37.8	41.1	35.4	40.0	45.1	50.0	36.0
1945-----	6.4	6.4	8.8	40.6	28.1	37.1	41.1	34.7	40.0	46.6	50.7	35.6
1946-----	7.1	7.5	10.4	52.1	36.6	48.5	53.3	47.8	48.7	52.0	71.0	50.1
1947-----	9.6	9.8	12.5	75.6	51.5	72.1	77.7	67.5	64.2	55.3	80.5	59.0
1948-----	9.8	10.8	13.9	90.5	64.4	77.2	76.9	68.0	71.1	61.3	86.7	65.6
1949-----	9.6	9.1	14.0	85.3	55.5	74.3	66.5	63.4	72.5	(1)	72.5	(1)
Mar. 15-----	9.6	9.5	14.0	79.2	52.7	73.7	68.1	63.8	69.4	59.9	73.4	60.0
June 15-----	9.5	9.3	14.0	89.4	56.5	83.2	64.1	64.2	80.2	(2)	70.3	58.8
Sept. 15-----	9.5	8.7	14.0	90.9	56.9	87.0	67.6	68.5	73.3	(2)	72.8	52.0
Dec. 15-----	9.6	8.5	14.0	87.0	57.0	60.2	61.2	57.1	68.0	(2)	73.5	52.5
1950-----	9.8	9.0	14.3	93.6	61.6	75.4	63.7	62.0	74.4	(2)	72.9	51.8
Mar. 15-----	9.7	8.4	14.0	85.4	55.8	69.4	59.0	58.2	71.0	(2)	73.0	52.0
June 15-----	9.8	8.7	14.0	97.5	63.0	80.7	61.7	63.5	77.3	(2)	71.1	51.1
Sept. 15-----	9.9	9.7	14.6	97.2	65.6	86.4	70.2	68.7	76.3	(2)	72.3	51.8
Dec. 15-----	9.9	9.4	14.7	100.8	67.5	71.5	65.5	62.5	77.5	(2)	76.3	52.6
1951-----	10.4	9.6	15.7	109.3	74.1	70.4	67.2	66.5	83.1	(2)	81.9	59.1
Mar. 15-----	10.4	9.6	15.6	107.5	73.2	77.9	68.0	67.6	80.7	(2)	81.6	60.2
June 15-----	10.4	9.4	15.7	108.9	73.9	77.7	67.8	67.0	84.2	(2)	81.5	59.2
Sept. 15-----	10.4	9.6	15.7	109.2	74.0	85.2	67.9	67.4	84.1	(2)	80.0	58.7
Dec. 15-----	10.5	9.8	15.8	112.7	76.4	74.6	63.0	63.8	80.3	(2)	87.9	59.6

YEAR AND MONTH	Milk, fresh (do- liv- ered)	Eggs	Bananas	Oranges	Cab- bage	Onions	Pota- toes	Toma- toes	Prunes, dried	Coffee	Lard	Sugar
1913-----	8.9	34.5	-----	-----	-----	-----	1.7	-----	-----	29.8	15.8	5.5
1920-----	16.7	85.1	12.6	63.2	6.4	7.1	6.3	14.8	28.1	47.0	29.5	19.4
1922-----	13.1	44.4	10.3	57.4	4.6	7.9	2.8	12.4	20.1	36.1	17.0	7.3
1929-----	14.4	52.7	0.7	44.7	5.3	6.7	3.2	12.8	15.3	47.9	18.1	6.4
1932-----	10.7	30.2	6.5	30.2	4.1	5.0	1.7	9.3	9.2	29.4	8.7	5.0
1939-----	12.2	32.1	6.3	28.9	3.6	3.8	2.5	8.6	8.9	22.4	11.0	5.4
1941-----	13.6	39.7	7.2	31.0	4.2	5.0	2.3	0.1	9.8	23.6	12.7	5.7
1944-----	15.6	54.5	11.3	46.0	5.3	6.9	4.7	12.0	17.0	30.1	18.7	6.7
1945-----	15.6	58.1	10.4	48.5	6.1	6.9	4.9	12.2	17.5	30.5	18.8	6.7
1946-----	17.6	58.6	11.6	49.9	5.9	6.9	4.7	15.0	10.1	34.4	26.3	7.7
1947-----	19.6	69.6	15.1	43.4	7.3	7.4	5.0	19.3	24.7	46.9	31.5	9.7
1948-----	21.8	72.3	15.9	44.7	6.6	10.6	5.6	16.5	21.4	51.4	29.6	9.4
1949-----	21.1	69.6	16.6	51.8	6.7	7.4	5.5	15.2	23.1	55.4	19.2	9.5
Mar. 15-----	21.6	62.4	16.6	49.7	8.1	6.1	5.7	15.9	22.8	52.3	19.6	9.5
June 15-----	20.6	68.6	17.2	59.1	6.5	8.4	6.2	15.7	23.1	52.1	18.1	9.5
Sept. 15-----	20.8	80.5	16.4	52.0	6.4	7.4	5.0	14.3	23.5	52.9	20.0	9.5
Dec. 15-----	21.0	61.6	16.5	41.6	6.2	9.1	4.7	14.2	23.6	73.4	17.0	9.7
1950-----	20.6	60.4	16.3	49.3	5.9	6.8	4.6	14.7	24.6	79.4	19.1	9.7
Mar. 15-----	20.3	52.0	16.8	50.2	6.8	6.4	4.7	14.3	23.7	78.1	16.5	9.5
June 15-----	19.6	51.6	16.4	48.9	6.6	7.7	5.3	14.5	24.2	74.2	17.3	9.4
Sept. 15-----	20.9	66.8	14.0	49.3	5.0	6.2	4.3	14.8	24.7	84.5	23.3	10.1
Dec. 15-----	21.9	80.8	16.4	47.3	5.9	5.5	4.0	15.8	27.0	83.3	22.3	10.0
1951-----	23.1	73.7	16.3	48.7	8.6	7.9	5.1	18.8	27.4	86.8	24.6	10.1
Mar. 15-----	22.8	68.1	16.6	47.3	14.5	7.3	4.4	19.4	27.6	86.3	25.9	10.1
June 15-----	22.7	70.2	16.4	47.7	6.5	10.2	5.6	20.6	27.6	87.2	24.7	10.0
Sept. 15-----	23.3	83.5	16.0	55.3	5.8	7.0	4.7	18.0	27.8	86.9	24.2	10.1
Dec. 15-----	23.9	75.6	16.1	46.8	10.0	8.6	6.5	17.5	26.5	86.9	23.1	10.1

¹ Not available.

² Pricing discontinued. Fryers substituted April 1949.

³ Revised July 1949 from No. 1 mild cheddar in bulk to process American cheese.

Source: Department of Labor, Bureau of Labor Statistics; *Handbook of Labor Statistics*, Serial No. R1172, and *Monthly Labor Review*.

No. 388.—COAL—AVERAGE RETAIL PRICES AND INDEXES FOR LARGE CITIES COMBINED: 1929 TO 1951

[Unweighted average for bituminous; weighted average for anthracite. Prices not directly comparable because of change in number of dealers reporting number of quotations received or number of cities from which prices are collected over period covered. See also *Historical Statistics*, series L 50-51]

YEAR AND MONTH	AVERAGE PRICE PER TON OF 2,000 POUNDS			INDEX (OCTOBER 1922- SEPTEMBER 1926=100)		
	Bitumi- nous	Pennsylvania an- thracite		Bitumi- nous	Pennsylvania an- thracite	
		Stove	Chestnut		Stove	Chestnut
1929.....	\$8.85	\$14.14	\$13.70	91.5	100.5	97.7
1932.....	7.71	12.55	12.45	79.7	89.2	88.7
1935.....	8.29	11.38	11.14	85.7	80.0	79.4
1939.....	8.52	10.79	10.84	87.7	70.7	77.2
1941.....	9.10	11.92	11.97	92.5	84.7	85.2
1946.....	10.95	15.90	15.97	112.5	113.4	113.8
1947.....	12.99	17.23	17.11	131.0	123.0	123.7
1948.....	15.40	19.24	19.10	153.4	137.8	138.3
1949.....	15.83	20.34	20.13	157.9	145.6	145.7
1950.....	16.48	21.35	21.07	164.1	153.1	152.0
1951.....	16.87	23.70	23.16	168.0	169.7	167.7
1950: September.....	16.47	21.93	21.52	164.0	157.0	155.8
December.....	16.80	22.40	22.06	167.3	160.8	159.7
1951: March.....	16.97	23.93	23.48	168.9	171.4	170.0
June.....	16.65	23.39	22.82	165.8	167.5	165.2
September.....	16.84	23.90	23.32	167.7	171.1	168.8
December.....	17.08	24.22	23.67	170.1	173.4	171.4

Sources: Department of Labor, Bureau of Labor Statistics; data through 1941 from Bulletin No. 707. Later data published currently in monthly releases and in *Monthly Labor Review*.

No. 389.—AVERAGE TYPICAL BILLS FOR SPECIFIED QUANTITIES OF ELECTRIC ENERGY IN CITIES OF 50,000 POPULATION OR MORE: 1931 TO 1951

[25,100, and 250 kilowatt-hour consumptions were chosen to represent the typical usage, respectively, of residential consumers who use electricity for lighting and the operation of small appliances only; for lighting, small appliances, and refrigeration; and for lighting, small appliances, refrigeration, and cooking]

DATE	AVERAGE BILL IN DOLLARS FOR—			AVERAGE BILL IN CENTS PER KILOWATT-HOUR FOR—			INDEX OF AVERAGE BILL (JAN. 1, 1935=100) FOR—		
	25 kw.- hrs.	100 kw.- hrs.	250 kw.- hrs.	25 kw.- hrs.	100 kw.- hrs.	250 kw.- hrs.	25 kw.- hrs.	100 kw.- hrs.	250 kw.- hrs.
Oct. 1, 1931.....	1.69	4.72	9.58	6.8	4.7	3.8	107.6	106.1	106.0
Oct. 1, 1932.....	1.67	4.65	9.42	6.7	4.7	3.8	106.4	104.5	105.1
Oct. 1, 1933.....	1.63	4.58	9.26	6.5	4.6	3.7	103.8	102.9	103.3
Oct. 1, 1934.....	1.58	4.47	8.98	6.3	4.5	3.6	100.6	100.4	100.2
Jan. 1, 1935 ¹	1.57	4.45	8.96	6.3	4.5	3.6	100.0	100.0	100.0
Jan. 1, 1935 ²	1.60	4.47	8.90	6.3	4.5	3.6	100.0	100.0	100.0
Jan. 1, 1936.....	1.53	4.21	7.85	6.1	4.2	3.1	95.6	94.2	88.2
Jan. 1, 1937.....	1.45	4.10	7.51	5.8	4.1	3.0	90.6	91.7	84.4
Jan. 1, 1938.....	1.43	4.03	7.34	5.7	4.0	2.9	89.4	90.2	82.5
Jan. 1, 1939.....	1.40	3.96	7.21	5.6	4.0	2.9	87.5	88.6	81.0
Jan. 1, 1940.....	1.36	3.88	7.05	5.4	3.9	2.8	85.0	86.8	79.2
Jan. 1, 1941.....	1.34	3.83	6.98	5.4	3.8	2.8	83.8	85.7	78.4
Jan. 1, 1942.....	1.34	3.80	6.95	5.4	3.8	2.8	83.8	85.0	78.1
Jan. 1, 1943.....	1.33	3.80	6.94	5.3	3.8	2.8	83.1	85.0	78.0
Jan. 1, 1944.....	1.33	3.78	6.92	5.3	3.8	2.8	83.1	84.6	77.8
Jan. 1, 1945.....	1.32	3.76	6.89	5.3	3.8	2.8	82.5	84.1	77.4
Jan. 1, 1946.....	1.28	3.73	6.86	5.1	3.7	2.7	80.0	83.4	77.1
Jan. 1, 1947.....	1.23	3.64	6.78	4.9	3.6	2.7	76.9	81.4	76.2
Jan. 1, 1948.....	1.24	3.64	6.79	5.0	3.6	2.7	77.5	81.4	76.3
Jan. 1, 1949.....	1.25	3.68	6.87	5.0	3.7	2.7	78.1	82.3	77.2
Jan. 1, 1950.....	1.24	3.64	6.81	5.0	3.6	2.7	77.5	81.4	76.5
Jan. 1, 1951.....	1.24	3.62	6.77	5.0	3.6	2.7	77.5	81.0	76.1

¹ Average bills for 1935 and prior years are for 150 cities of 50,000 population or more. The index numbers are adjusted to be comparable with subsequent years.

² Average bills for 1935 and subsequent years are for all cities of 50,000 population or more.

Sources: Federal Power Commission; annual report, *Typical Electric Bills, Including Residential, Commercial and Industrial Service; Cities of 50,000 Population and More*.

No. 340.—LOWEST AND HIGHEST NET MONTHLY RESIDENTIAL ELECTRIC BILLS FOR 100 KILOWATT-HOURS USE, BASED ON RATES AS OF JAN. 1, 1951, FOR COMMUNITIES OF 2,500 POPULATION AND MORE, BY STATES

DIVISION AND STATE	SERVED BY PRIVATELY OWNED UTILITIES		SERVED BY PUBLICLY OWNED UTILITIES		COMMUNITIES OF 50,000 POPULATION AND MORE		COMMUNITIES OF 10,000 TO 50,000 POPULATION		COMMUNITIES OF 2,500 TO 10,000 POPULATION	
	Util-ities	Com-mu-nities	Util-ities	Com-mu-nities	Low-est bills	High-est bills	Low-est bills	High-est bills	Low-est bills	High-est bills
New England:										
Maine.....	7	40	3	3	\$4.70	\$4.70	\$4.20	\$4.70	*\$4.00	\$5.40
New Hampshire.....	0	22	1	1	1.25	1.25	4.01	4.97	4.05	*5.00
Vermont.....	4	16	1	1	(?)	(?)	4.07	4.98	4.00	5.00
Massachusetts.....	36	123	23	20	3.15	4.70	*2.93	0.48	*3.37	0.80
Rhode Island.....	3	26	1	1	4.00	4.01	4.68	4.01	4.58	*5.10
Connecticut.....	8	62	7	6	3.60	4.15	*3.28	4.30	3.60	4.60
Middle Atlantic:										
New York.....	18	228	24	25	2.78	5.10	*2.41	5.10	*2.53	5.53
New Jersey.....	0	214	6	7	3.83	4.62	3.83	*5.75	3.83	*5.90
Pennsylvania.....	24	388	24	24	3.65	5.00	3.65	5.04	3.56	*5.63
East North Central:										
Ohio.....	10	177	47	49	*2.65	3.82	*2.65	*4.60	*2.65	*6.30
Indiana.....	7	85	34	34	*2.75	3.95	*3.20	*4.75	*3.05	*5.15
Illinois.....	13	218	34	34	2.85	3.85	2.85	4.55	2.85	*0.60
Michigan.....	12	116	30	31	*3.00	3.73	*2.96	4.15	*3.00	*5.05
Wisconsin.....	10	71	34	35	2.40	4.51	*2.15	4.60	2.40	4.84
West North Central:										
Minnesota.....	7	43	47	47	3.56	3.96	*2.18	*4.25	3.15	*6.25
Iowa.....	13	68	27	27	3.00	4.44	2.85	*5.25	3.00	*6.08
Missouri.....	12	78	38	38	2.85	3.25	2.85	*4.74	2.85	*0.00
North Dakota.....	3	11	2	2	(?)	(?)	3.75	4.25	*3.05	4.48
South Dakota.....	0	19	7	7	*3.00	3.75	*4.25	4.73	3.75	*0.00
Nebraska.....			29	40	*2.45	*3.20	*2.64	*3.63	*3.20	*4.70
Kansas.....	7	36	32	32	*2.80	3.58	*2.00	*5.20	*3.25	*7.50
South Atlantic:										
Delaware.....	1	4	6	6	14.50	14.50	(?)	(?)	4.55	*0.30
Maryland.....	6	37	3	3	13.75	13.75	2.74	4.91	2.74	5.98
Virginia.....	0	60	13	14	3.10	3.82	*2.50	4.25	3.40	5.60
West Virginia.....	8	56	2	2	3.82	3.82	3.82	4.25	3.75	4.41
North Carolina.....	6	56	35	35	3.20	3.40	3.20	*4.70	3.20	*5.50
South Carolina.....	0	40	18	19	3.20	3.92	3.20	4.00	*2.56	*4.32
Georgia.....	0	65	39	39	3.35	4.40	*3.10	*4.60	*2.50	*4.90
Florida.....	5	77	25	25	3.75	*5.33	4.00	*0.00	4.00	*0.94
District of Columbia.....	1	1			12.74	12.74				
East South Central:										
Kentucky.....	6	55	16	16	2.50	3.78	*2.25	*4.85	*2.25	5.80
Tennessee.....	3	3	58	67	*2.50	*2.50	*2.00	*3.75	*2.00	*4.65
Alabama.....	3	37	30	30	2.75	3.10	*2.00	*4.55	*2.00	*4.75
Mississippi.....	2	32	21	21	13.95	13.95	*2.00	*5.00	*2.00	*6.45
West South Central:										
Arkansas.....	7	49	14	14	13.75	13.75	3.69	4.12	*3.22	*5.25
Louisiana.....	7	50	23	23	3.68	4.05	3.68	*5.50	3.68	*6.50
Oklahoma.....	4	67	28	28	3.57	3.69	3.57	*5.50	3.57	*6.60
Texas.....	12	223	52	50	2.84	4.48	2.84	*5.13	*2.15	*7.25
Mountain:										
Montana.....	3	24	2	2	(?)	(?)	3.83	3.83	3.14	*5.00
Idaho.....	7	25	4	4	(?)	(?)	3.11	*3.40	*2.79	4.38
Wyoming.....	0	16	3	3	(?)	(?)	3.35	4.48	3.60	5.55
Colorado.....	7	24	12	13	3.30	4.07	*3.35	*4.37	*3.11	*5.50
New Mexico.....	5	16	8	8	13.56	13.56	3.75	4.55	3.56	5.90
Arizona.....	8	25	3	3	13.14	13.14	*3.00	3.17	2.97	5.30
Utah.....	3	17	14	14	3.10	3.10	*2.79	*3.10	*3.06	4.52
Nevada.....	5	7	2	2	(?)	(?)	2.16	3.51	*2.25	5.70
Pacific:										
Washington.....	3	30	22	20	*1.70	2.76	2.72	*3.25	*2.45	*3.50
Oregon.....	6	43	9	9	13.05	13.05	*1.80	3.38	*2.25	*3.65
California.....	10	259	23	20	*2.50	3.54	2.38	*4.90	*2.85	5.08

* Publicly owned utility.

† Only 1 community in this population group.

‡ No community in this population group.

Source: Federal Power Commission; annual report on typical residential electric bills, Jan. 1, 1951.

No. 341.—GAS PRICES—NET MONTHLY BILLS FOR SPECIFIED QUANTITIES, BY CITIES

[Based on rates as of Dec. 15, 1949 and 1950. One therm=100,000 British thermal units]

CITY AND KIND OF GAS	Heating value per cubic foot in British thermal units (Dec. 15, 1950)	NET MONTHLY BILLS							
		10.6 therms		19.6 therms		30.6 therms		40.6 therms	
		1949	1950	1949	1950	1949	1950	1949	1950
Atlanta.....natural	1,027	\$1.48	\$1.47	\$2.04	\$2.03	\$2.63	\$2.62	\$3.17	\$3.15
Baltimore ¹.....manufactured	1,040	2.64	2.57	4.69	3.60	6.44	4.87	8.04	6.01
Birmingham.....do	520	1.02	1.02	2.66	2.66	3.75	3.75	4.82	4.62
Boston.....do	530	3.69	3.72	5.76	5.81	8.00	8.17	10.20	10.31
Buffalo ².....do	530	3.25	3.04	5.67	5.28	7.67	7.00	9.70	8.88
Buffalo ².....mixed	900	1.19	1.19	1.94	1.94	2.85	2.85	3.68	3.68
Chicago.....do	800	1.65	1.65	2.68	2.68	3.47	3.47	4.17	4.17
Cincinnati.....natural	1,060	1.01	1.00	1.61	1.69	2.29	2.20	2.92	2.88
Cleveland.....do	1,075	1.88	.88	1.33	1.33	1.90	1.90	2.41	2.41
Denver ⁴.....do	830	1.56	1.55	2.23	2.25	2.90	2.93	3.40	3.42
Detroit ⁵.....do	980	1.31	1.25	2.24	2.04	3.21	2.98	4.13	3.83
Houston.....do	1,077	.93	.93	1.43	1.43	2.04	2.04	2.80	2.63
Indianapolis.....do	1,081	.93	.93	1.43	1.43	2.04	2.04	2.80	2.69
Indianapolis.....manufactured	1,076	.86	.87	1.31	1.33	1.86	1.89	2.30	2.40
Jacksonville ⁶.....do	570	1.52	1.58	2.92	2.62	4.57	4.57	6.05	6.05
Kansas City ¹.....natural	525	4.09	4.56	7.00	7.70	10.40	11.54	13.53	14.88
Los Angeles.....do	1,017	.68	.68	1.08	1.09	1.58	1.50	2.03	2.04
Los Angeles.....do	1,100	1.18	1.36	1.66	1.85	2.20	2.45	2.67	2.95
Manchester.....manufactured	570	3.64	3.91	5.46	5.94	7.43	8.02	9.18	9.83
Memphis.....natural	980	1.39	1.30	2.26	2.26	3.28	3.27	3.83	3.83
Milwaukee.....manufactured	983	2.54	2.13	3.98	3.26	5.71	4.56	7.34	5.71
Minneapolis.....natural	1,005	1.53	1.48	2.10	2.05	2.82	2.74	3.48	3.37
Mobile.....do	1,004	1.59	1.40	2.29	2.31	3.17	3.19	3.68	3.70
New Orleans.....do	1,071	1.07	1.07	1.58	1.68	2.20	2.20	2.76	2.75
New York: ⁷									
2 boroughs.....manufactured	540	2.88	2.88	4.72	4.72	6.80	6.80	8.54	8.54
Brooklyn.....do	537	2.86	2.86	4.20	4.80	6.84	6.84	8.63	8.63
Richmond.....natural ⁸	540	3.24	3.24	5.44	5.44	7.64	7.64	9.56	9.56
Richmond.....do	540	3.23	3.23	5.46	5.48	7.86	7.87	9.73	9.73
Richmond.....natural ⁸	1,027	3.31	3.31	5.52	5.52	7.60	7.60	9.27	9.27
Norfolk ⁹.....manufactured	530	2.86	2.86	5.25	5.25	8.03	8.03	10.38	10.38
Philadelphia.....do	650	2.21	2.01	3.85	3.64	5.07	5.33	7.34	6.84
Pittsburgh.....natural	1,115	1.00	1.00	1.06	1.06	1.64	1.64	2.18	2.18
Portland, Maine.....manufactured	1,037	1.23	1.22	1.80	1.70	2.48	2.48	3.11	3.11
Portland, Maine.....do	1,100	1.18	1.18	1.72	1.72	2.37	2.37	2.90	2.90
Portland, Oreg.....do	583	3.69	3.69	6.02	6.00	7.60	7.60	9.42	9.30
Portland, Oreg.....do	570	2.61	2.73	4.38	4.61	5.72	6.08	7.08	7.64
Richmond ¹⁰.....do	530	3.56	3.56	5.70	5.70	7.85	7.85	9.47	9.47
St. Louis ¹.....natural ¹¹	1,029	1.74	1.74	2.93	2.93	4.38	4.38	5.44	5.44
San Francisco.....do	1,100	.95	.95	1.27	1.27	1.66	1.66	2.01	2.01
Savannah.....manufactured	500	3.32	3.32	5.75	5.75	8.33	8.33	10.33	10.33
Seranton.....do	521	2.87	2.87	4.56	4.56	5.76	5.76	7.68	7.68
Seattle ¹².....do	500	4.72	4.84	7.92	8.14	7.28	7.63	9.16	9.62
Washington, D. C. ¹³.....natural	1,100	1.78	1.78	2.96	2.96	4.30	4.30	5.42	5.42

¹ Bills include 2% State sales tax.² Bills include 1% county sales tax.³ Minimum bill.⁴ In 1949 bills include 3% State sales tax and in 1950 bills include 2% State and 1% city tax.⁵ Bills include 3% State sales tax.⁶ In 1950 bills include 10% city utility tax.⁷ Bills include 2% city tax.⁸ Manufactured gas prior Nov. 1, 1949.⁹ Bills include 8% city utility tax.¹⁰ Bills include 5% city utility tax.¹¹ Mixed gas prior Dec. 6, 1949.¹² Bills include 3% city tax.¹³ Bills include 2% sales tax effective Aug. 16, 1949.Source: Department of Labor, Bureau of Labor Statistics; published annually in special bulletin, *Gas and Electricity, Price Changes and Residential Bills*.

No. 342.—ANNUAL AVERAGE UNIT VALUES OF IMPORTANT ARTICLES IMPORTED:
1924 TO 1950

[Values required by law to represent values in foreign markets whence exported to United States. "Ton" signifies long ton of 2,240 pounds except where otherwise specified. Averages obtained by dividing total value of imports of specified article by total quantity. Where, as in some commodities considerable price variations may exist between different grades, methods of packing, etc., and proportions of grades, etc., may vary from year to year, such averages may show actual price movements only roughly]

YEAR	Cheese, per pound	FISH, CURED, PER BARREL (200 POUNDS)		HIDES AND SKINS, PER POUND		Wheat, per bushel	Bana- nas, per bunch	Cocoa, per pound	Coffee, per pound	Tea, per pound
		Herring	Mack- erel	Cattle	Goat					
	<i>Cents</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Cents</i>	<i>Cents</i>	<i>Dollars</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1924.....	20.2	12.09	17.37	13.1	39.3	1.00	46.59	7.8	17.5	29.3
1925.....	27.8	13.30	15.60	16.0	40.7	1.89	53.52	10.0	22.3	31.2
1926.....	26.9	12.09	12.05	14.7	44.6	1.89	50.33	10.0	21.6	32.7
1927.....	30.7	12.69	13.10	17.4	43.6	1.31	56.17	13.4	18.4	31.6
1928.....	30.3	13.15	13.96	23.1	46.0	1.17	55.02	12.4	21.3	30.3
1929.....	29.2	12.54	15.45	16.0	47.4	1.11	55.34	8.8	20.4	28.9
1930.....	20.7	14.13	12.40	13.0	40.7	.98	55.46	8.4	13.1	26.6
1931.....	23.8	12.39	9.30	8.4	31.6	.64	52.69	5.6	10.0	21.6
1932.....	22.5	9.32	6.66	5.6	20.0	.53	49.94	4.1	9.1	13.1
1933.....	21.0	8.94	8.11	7.8	21.0	.56	51.00	4.0	7.8	14.2
1934.....	22.4	10.02	9.82	7.9	26.4	.78	50.55	4.4	8.7	21.3
1935.....	22.9	10.66	10.56	8.6	24.3	.78	50.95	4.4	7.8	19.9
1936.....	21.2	9.64	10.52	9.9	28.7	.91	49.18	5.2	7.7	21.7
1937.....	21.1	8.38	12.07	12.6	33.0	1.12	47.22	8.5	8.9	22.5
1938.....	21.2	8.74	10.35	8.7	22.0	.67	48.61	4.4	6.9	22.6
1939.....	21.7	9.30	9.45	9.0	23.3	.66	50.91	4.2	6.9	21.6
1940.....	23.0	9.63	10.17	8.8	23.1	.68	55.57	4.4	6.2	22.9
1941.....	19.5	9.63	15.70	10.4	23.0	.72	67.54	5.6	7.9	27.2
1942.....	18.0	12.87	18.95	12.7	29.7	.72	59.49	7.7	12.0	37.0
1943.....	17.4	14.43	27.21	13.3	30.2	1.12	62.26	6.8	12.4	32.4
1944.....	21.6	18.59	28.45	13.9	33.3	1.34	60.45	6.8	12.5	33.5
1945.....	25.1	18.80	27.43	13.1	40.2	1.34	69.32	7.4	12.7	34.0
1946.....	39.0	18.76	30.06	20.6	54.7	1.44	78.78	9.5	17.2	36.3
1947 (prel.).....	53.9	20.35	31.60	25.4	67.7	1.45	82.50	25.5	24.1	40.7
1948 (prel.).....	54.0	21.75	32.18	24.7	72.7	1.12	84.20	35.4	25.1	49.3
1949 (prel.).....	52.6	20.78	27.79	19.0	66.9	2.11	96.38	19.7	27.2	48.5
1950 (prel.).....	42.7	19.73	20.09	21.7	62.7	1.00	108.96	25.0	44.8	47.1

YEAR	Cane sugar, per pound	Whis- key, per proof gallon	Wines, per gal- lon	Rub- ber, crude, per pound	Shellac, per pound	Copra, per pound	Flax- seed, per bushel	TOBACCO, LEAF, PER POUND		Cotton, unman- ufac- tured, per pound
								Cigar wrap- pers	Other leaf	
	<i>Cents</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Cents</i>	<i>Cents</i>
1924.....	4.39	3.75	1.65	23.7	53.5	4.4	1.81	2.56	97.87	30.3
1925.....	2.76	3.47	1.93	48.4	51.0	5.0	2.40	2.34	80.27	33.7
1926.....	2.47	(1)	2.76	54.6	33.6	5.1	1.84	2.25	75.88	25.5
1927.....	3.06	(1)	2.32	35.0	41.4	4.6	1.74	2.15	64.90	22.2
1928.....	2.68	(1)	2.44	25.0	42.4	4.6	1.78	2.00	62.02	24.0
1929.....	2.14	(1)	2.40	19.1	38.4	4.2	1.92	1.84	65.37	23.9
1930.....	1.85	(1)	2.62	12.9	27.3	3.7	2.11	1.60	52.99	19.7
1931.....	1.77	(1)	2.56	6.6	16.3	2.4	.98	1.47	45.92	9.9
1932.....	1.63	(1)	2.23	3.5	13.3	1.8	.65	1.33	39.22	9.9
1933.....	1.87	(1)	3.75	4.9	9.9	1.4	.98	1.32	34.11	10.6
1934.....	1.96	4.95	3.42	9.8	17.7	1.2	1.06	2.00	30.22	13.4
1935.....	2.26	4.53	3.17	11.4	13.6	2.1	.89	2.18	36.65	14.0
1936.....	2.66	4.18	3.15	14.5	11.7	2.1	1.15	2.19	38.65	13.2
1937.....	2.60	3.76	2.73	18.5	10.8	3.3	1.26	1.97	46.08	12.4
1938.....	2.19	4.15	2.48	14.1	8.9	1.8	1.29	2.03	52.70	9.0
1939.....	2.15	4.22	2.30	16.0	8.0	1.6	1.15	1.67	51.54	8.0
1940.....	1.94	3.98	2.24	17.4	11.9	1.3	1.19	1.60	49.88	8.1
1941.....	2.05	4.03	2.46	18.2	13.6	1.7	.74	1.51	60.60	7.3
1942.....	2.70	4.43	2.49	18.9	25.1	3.3	1.30	1.72	49.26	12.2
1943.....	2.76	4.34	2.25	27.1	28.9	3.6	2.18	1.76	56.15	15.6
1944.....	2.75	4.26	2.35	31.2	29.0	3.4	2.91	2.03	82.24	15.8
1945.....	3.07	4.00	3.02	31.4	29.6	3.0	2.54	2.38	98.69	11.2
1946.....	3.70	4.16	3.95	27.4	42.1	3.8	2.33	3.21	104.73	19.0
1947 (prel.).....	4.82	4.08	4.05	20.1	48.7	7.9	6.75	3.12	100.84	25.8
1948 (prel.).....	4.83	5.09	4.09	18.8	49.3	12.3	5.85	3.83	90.35	27.2
1949 (prel.).....	4.99	5.30	3.80	16.3	47.3	8.1	6.16	4.77	83.35	16.5
1950 (prel.).....	5.17	5.72	3.52	25.5	35.6	8.8	4.56	4.94	81.86	16.7

¹ No importations.

No. 342.—ANNUAL AVERAGE UNIT VALUES OF IMPORTANT ARTICLES IMPORTED:
1924 TO 1950—Continued

YEAR	Jute and jute butts, per ton	Jute bur- laps, per pound	Flax, per ton	Sisal, per ton	Manilla, per ton	WOOL, PER POUND			Silk, raw, per pound
						Carpet	Clothing	Combing	
	Dollars	Cents	Dollars	Dollars	Dollars	Cents	Cents	Cents	Dollars
1924.....	114.02	10.8	515.19	142.93	175.54	24	46	47	6.39
1925.....	190.69	13.6	680.59	170.79	290.51	30	46	53	6.21
1926.....	215.06	13.7	478.07	182.86	263.92	26	35	39	5.91
1927.....	131.52	11.8	479.08	153.32	255.49	26	34	37	5.27
1928.....	129.45	12.9	698.47	145.10	202.65	25	44	44	4.87
1929.....	128.36	12.0	570.24	156.58	186.95	27	38	38	4.91
1930.....	107.76	9.1	429.26	138.50	138.08	20	26	25	3.57
1931.....	69.71	6.7	222.45	83.44	95.60	12	24	20	2.28
1932.....	64.19	5.0	216.50	50.10	62.91	9	14	15	1.54
1933.....	55.27	6.1	270.17	56.89	66.90	10	19	18	1.52
1934.....	62.95	7.4	374.08	70.91	66.31	13	24	23	1.27
1935.....	72.82	7.0	400.07	71.03	80.52	14	23	21	1.42
1936.....	82.09	6.4	442.68	104.45	144.99	18	25	27	1.70
1937.....	83.59	6.3	442.63	115.06	177.95	27	33	33	1.84
1938.....	94.35	5.6	613.35	88.43	115.58	19	32	30	1.61
1939.....	100.90	6.3	454.34	72.90	90.83	18	25	24	2.34
1940.....	126.65	9.0	504.55	84.25	94.99	23	22	24	2.79
1941.....	104.78	9.7	405.57	77.62	133.10	21	25	27	2.67
1942.....	157.21	12.2	558.95	117.09	107.22	21	31	29	2.83
1943.....	146.01	12.0	825.88	142.82	213.00	24	31	31	1.76
1944.....	160.53	13.4	639.65	148.79	224.83	19	31	31	10.41
1945.....	107.82	14.2	316.20	151.17	225.18	21	32	32	
1946.....	160.16	13.8	526.24	172.64	201.14	21	29	30	7.53
1947 (prel.).....	261.83	20.1	596.03	269.33	377.35	23	30	38	6.39
1948 (prel.).....	348.09	25.9	786.31	303.00	547.12	27	39	54	2.72
1949 (prel.).....	384.05	23.1	521.84	288.26	519.53	33	49	65	2.63
1950 (prel.).....	281.26	21.6	462.74	262.41	485.17	46	60	70	2.08

YEAR	Boards, planks, deals, per M board feet ¹	Pulp- wood, per cord	Wood pulp, per ton	News- print paper, per pound	Petro- leum, crude, per gallon	Manga- nese ore, per pound	Copper, pigs, ingots, bars, per pound ³	Nickel, pigs, ingots, bars, per pound	Tin, bars, blocks, pigs, per pound	Sodium nitrate, per ton
	Dollars	Dollars	Dollars	Cents	Cents	Cents	Cents	Cents	Cents	Dollars
1924.....	30.10	10.24	55.71	3.7	2.3	1.00	12.6	20.05	47.32	47.81
1925.....	30.33	10.20	55.09	3.6	2.9	1.17	12.9	20.49	55.40	47.23
1926.....	28.79	10.25	59.01	3.3	3.1	1.41	12.6	26.75	60.63	46.70
1927.....	27.82	10.32	57.37	3.3	3.2	1.36	11.8	26.42	63.30	40.24
1928.....	26.98	10.45	53.27	3.2	2.7	1.13	12.4	25.20	49.80	35.81
1929.....	27.52	10.81	52.75	3.0	2.4	1.15	16.1	25.53	47.06	37.62
1930.....	23.84	10.76	49.63	2.9	2.5	1.08	13.2	25.05	33.21	37.71
1931.....	20.86	10.97	42.72	2.7	2.0	.99	8.5	25.33	24.82	38.34
1932.....	19.20	8.61	35.45	2.4	1.6	.96	5.7	25.06	21.12	29.19
1933.....	22.03	7.41	33.09	1.9	1.3	.95	6.2	24.83	36.36	19.07
1934.....	25.39	7.54	38.34	1.7	1.7	.95	7.0	25.30	50.02	19.32
1935.....	24.54	7.48	36.59	1.7	1.7	.99	6.9	25.28	48.60	20.32
1936.....	24.01	7.84	36.37	1.8	1.7	.95	8.3	25.16	44.30	19.39
1937.....	27.45	8.14	41.04	1.8	1.8	1.03	11.7	24.83	52.84	18.53
1938.....	24.65	8.53	42.55	2.2	1.7	1.30	9.2	25.07	40.30	18.69
1939.....	26.86	8.34	37.46	2.2	1.6	1.19	9.6	25.09	44.95	18.55
1940.....	31.45	8.49	49.16	2.3	1.8	1.31	10.0	25.00	45.89	18.74
1941.....	33.37	8.85	47.03	2.2	2.0	1.52	9.9	25.04	47.40	17.80
1942.....	36.11	9.98	48.72	2.2	2.3	1.50	9.9	25.18	48.91	19.11
1943.....	45.30	11.33	49.05	2.5	2.5	1.60	10.4	25.18	49.00	19.95
1944.....	50.28	12.29	47.47	2.7	2.6	1.95	10.7	25.87	50.37	21.62
1945.....	52.15	13.47	46.00	2.8	2.5	2.00	10.8	27.30	48.43	21.84
1946.....	61.41	14.50	75.21	3.5	2.8	2.01	11.7	27.16	53.24	21.60
1947 (prel.).....	74.20	18.67	110.42	4.4	3.9	1.70	18.8	30.13	76.53	27.23
1948 (prel.).....	78.02	17.64	125.13	4.7	5.2	1.66	20.2	33.13	93.75	32.47
1949 (prel.).....	69.93	17.72	103.47	4.7	5.2	1.98	18.1	37.15	90.11	38.50
1950 (prel.).....	75.83	17.22	100.70	4.6	5.1	1.56	24.0	42.42	82.40	36.23

¹ Excludes cabinet woods; includes clapboard beginning 1939.
² Unrefined copper.

³ Tons of 2,000 pounds, air-dry weight.
⁴ Short tons.

Source: Department of Commerce, Bureau of Census; basic data through 1946 published in annual report, *Foreign Commerce and Navigation of the United States*.

AVERAGE EXPORT VALUES

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No. 343.—ANNUAL AVERAGE UNIT VALUES OF IMPORTANT DOMESTIC ARTICLES EXPORTED: 1928 TO 1950

[Values of goods required by law to represent market value at port of exportation. See headnote, table 342]

YEAR	Lard, per lb.	Milk, condensed and evaporated, per lb.	Cheese, per lb.	Eggs, per doz.	Corn, per bu.	Rice, per lb.	Wheat, per bu.	Wheat flour, per bbl.	Sugar, per lb.	To- bac- co leaf, per lb.	Cot- ton, per lb. ¹	BOARDS, PLANKS, AND SCANTINGS, PER M BOARD FEET	
												Soft- woods	Hard- woods
	Cts.	Cts.	Cts.	Cts.	Dols.	Cts.	Dols.	Dols.	Cts.	Cts.	Cts.	Dols.	Dols.
1928.....	13.0	12.2	30.7	30.4	1.02	3.5	1.25	6.23	3.5	26.8	20.4	31.20	63.68
1929.....	12.7	12.1	27.8	33.8	1.01	3.7	1.24	5.91	3.0	25.2	19.7	32.27	66.45
1930.....	11.4	11.5	26.7	27.2	.94	3.8	1.00	5.31	2.4	25.8	14.4	29.45	62.50
1931.....	9.0	10.5	22.4	22.7	.69	2.7	.62	3.67	2.1	21.8	9.0	22.91	50.06
1932.....	5.8	8.5	18.3	21.7	.36	1.9	.60	3.19	1.6	16.8	7.3	20.35	41.09
1933.....	5.9	6.8	18.5	20.6	.49	2.4	.54	3.40	1.6	19.5	9.0	22.16	43.98
1934.....	6.1	7.4	19.5	24.1	.76	3.2	.60	4.04	1.5	29.7	11.8	27.93	54.54
1935.....	12.3	7.4	22.0	29.7	1.50	3.0	.91	4.53	2.3	35.1	12.4	28.41	50.46
1936.....	12.1	7.8	23.5	28.0	1.05	3.1	.99	4.78	2.2	33.6	12.5	32.30	50.08
1937.....	11.8	8.5	24.2	27.4	.67	3.1	1.11	5.67	2.2	32.1	11.9	35.50	54.38
1938.....	8.9	7.8	20.9	29.7	.64	2.6	.90	4.44	2.1	32.8	9.8	33.78	51.45
1939.....	7.3	7.0	21.2	25.8	.62	3.0	.58	3.17	2.8	23.5	9.9	33.50	51.87
1940.....	6.3	7.4	22.2	23.3	.67	2.9	.78	3.70	3.1	20.1	10.9	35.01	57.73
1941.....	9.8	8.0	20.7	27.2	.87	3.9	.85	4.13	3.1	24.8	13.5	41.21	69.30
1942.....	13.3	9.5	25.1	38.4	.92	6.1	1.03	4.75	4.6	28.5	18.4	53.88	94.41
1943.....	16.4	9.9	26.9	48.1	1.20	6.4	1.37	5.87	4.4	43.3	22.4	80.79	109.82
1944.....	16.8	12.1	30.3	39.9	1.42	6.9	1.63	6.92	5.7	52.5	22.4	66.93	105.16
1945.....	16.1	13.1	31.9	46.4	1.42	6.8	1.87	7.15	² 6.1	50.7	21.9	61.63	96.30
1946.....	19.1	12.4	32.7	44.6	1.80	7.8	2.09	8.63	² 5.4	54.6	26.0	64.55	116.55
1947.....	25.8	14.6	38.1	50.2	1.89	9.5	2.56	11.93	² 7.4	54.7	30.8	81.91	131.19
1948.....	25.9	16.4	45.5	52.4	1.82	9.7	2.78	12.64	² 7.7	51.5	35.6	88.66	150.12
1949.....	14.6	15.0	36.0	50.3	1.66	7.7	2.46	10.03	² 6.8	51.0	33.7	82.52	155.42
1950 (prel.).....	13.3	14.3	15.5	43.2	1.68	7.7	1.06	8.20	² 5.0	53.1	35.6	83.03	165.59

YEAR	COAL, PER SHORT TON		Petroleum, crude, per gal.	Motor fuel, gasoline, and naphtha, per gal. ³	Kero- sene, per gal.	Lubri- cating oils, per gal.	Iron and steel scrap, per ton	Tin plate, terne- plate, and taggers', per lb.	Cop- per, re- fined, per lb.	Motor- trucks, busses, and chassis, per unit (new)	Pas- senger cars, per unit (new)
	An- thra- cite	Bitu- minous									
	Dols.	Dols.	Cts.	Cts.	Cts.	Cts.	Dols.	Cts.	Cts.	Dols.	Dols.
1928.....	9.79	3.68	3.4	10.7	10.2	20.3	12.82	4.7	14.8	659	716
1929.....	9.55	3.77	3.4	10.6	10.1	23.2	13.91	4.9	18.0	567	690
1930.....	9.61	3.73	3.2	9.4	9.0	21.9	15.51	5.0	13.4	603	692
1931.....	9.59	3.58	1.9	5.9	6.6	18.9	14.38	4.1	9.4	525	611
1932.....	9.26	3.37	2.4	5.6	5.2	17.1	8.17	3.7	6.1	469	573
1933.....	8.74	3.16	2.1	5.3	5.2	16.3	8.89	3.6	6.8	493	499
1934.....	8.54	3.72	2.9	5.6	5.2	18.5	10.46	4.1	7.6	478	540
1935.....	8.20	3.62	2.8	5.7	5.6	17.7	10.15	4.3	7.7	512	548
1936.....	8.21	3.62	3.1	6.1	5.3	18.1	11.60	4.4	9.2	519	572
1937.....	7.73	3.71	3.4	6.7	5.7	19.0	18.91	4.9	13.0	605	587
1938.....	7.67	3.63	3.4	6.0	5.3	17.6	15.10	5.3	10.0	624	620
1939.....	7.69	3.69	3.1	6.2	4.7	18.3	15.40	4.7	11.0	601	614
1940.....	7.95	3.69	3.1	7.7	6.1	21.8	16.87	5.2	11.5	831	645
1941.....	8.19	4.15	3.4	8.6	5.5	21.4	18.74	5.4	11.3	1,007	743
1942.....	8.63	4.63	3.5	9.9	5.5	26.8	23.39	5.3	11.3	1,649	946
1943.....	9.14	4.85	3.7	11.8	6.5	28.4	18.66	5.2	10.5	2,576	1,159
1944.....	9.69	5.08	4.0	15.2	6.3	28.0	18.12	5.3	10.0	2,284	1,689
1945.....	9.87	5.29	3.9	13.5	4.6	30.3	17.38	5.3	10.7	2,448	1,200
1946.....	9.83	5.78	4.1	6.6	5.9	25.1	19.17	5.5	13.5	1,351	1,047
1947.....	10.60	7.70	5.1	8.7	7.6	33.0	20.18	7.0	20.4	1,617	1,256
1948.....	12.91	8.55	6.7	11.7	9.5	36.9	36.24	7.9	22.2	1,697	1,352
1949.....	13.11	8.35	7.1	12.0	9.2	32.6	26.30	8.4	20.8	(⁴)	1,464
1950 (prel.).....	16.06	8.11	7.0	12.5	9.8	30.4	28.25	8.0	20.1	(⁴)	1,489

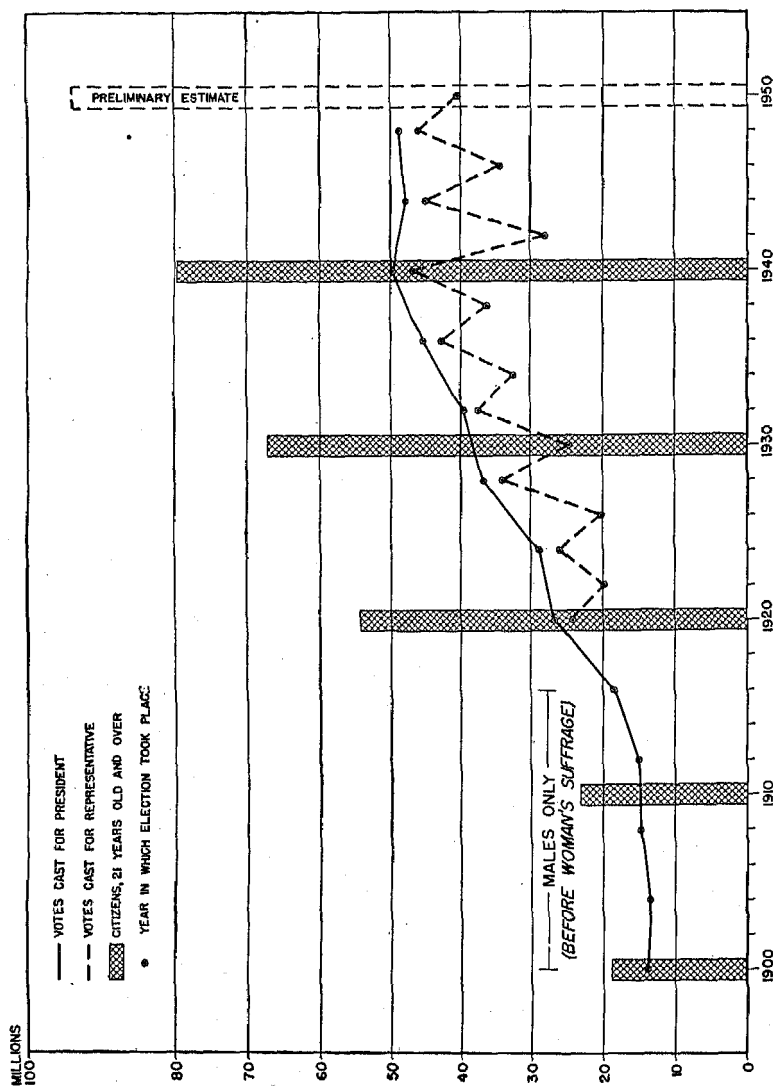
¹ Excludes linters. ² Refined sugar only. ³ Including natural gasoline.

⁴ Includes mineral spirits not reported separately since 1940. ⁵ Not available.

Source: Department of Commerce, Bureau of Census; basic data through 1946 published in annual report, *Foreign Commerce and Navigation of the United States*.

FIG. XVI.—PARTICIPATION IN NATIONAL ELECTIONS: 1900 TO 1950

[See tables 344, 347-350, and 352]



Source: Department of Commerce, Bureau of the Census. Election data from U. S. Congress, Clerk of the House, and Vote Cast in Presidential and Congressional Elections, 1928-44.

13. Elections

(Sent to print March 19, 1952)

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. Almost all of the more than 120 thousand 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 the multitude of candidates, except for Federal offices, and in most States, for State offices. Few States require central reporting on local elections. The numbers of governments holding elections and the numbers of voters participating vary between Presidential and the intervening Congressional election years, and between even-numbered and odd-numbered years.

The tables in this section give summary data, by State, on elections to Federal offices. The number of registered voters in 1942 in each city of 25,000 inhabitants or more is given in the *Cities Supplement to the Statistical Abstract*.

Historical statistics.—See preface and historical appendix. Tabular headnotes (as "See also *Historical Statistics*, series P 27-31) provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*.

No. 344.—VOTE FOR PRESIDENTIAL ELECTORS, BY MAJOR POLITICAL PARTIES: 1888 TO 1948

YEAR	Total ¹	Republican	Democratic	Socialist and Socialist-Labor	Miscellaneous independent ²	Prohibition	Communist	PERCENT OF TOTAL	
								Rep.	Dem.
1888.....	11,381,408	5,444,337	5,540,050	-----	146,807	250,124	-----	47.8	48.7
1892.....	12,043,603	5,190,802	5,554,414	-----	1,027,329	271,058	-----	43.1	46.1
1896.....	13,813,243	7,035,638	6,467,046	36,454	31,529	141,679	-----	50.9	46.8
1900.....	13,904,518	7,219,530	6,368,071	127,519	50,232	209,166	-----	51.7	45.5
1904.....	13,523,519	7,628,834	5,084,491	436,184	114,753	259,267	-----	56.4	37.6
1908.....	14,887,133	7,079,006	6,409,106	434,645	111,603	252,683	-----	51.6	43.1
1912.....	15,031,169	3,483,922	6,286,214	926,090	4,120,020	208,923	-----	23.2	41.8
1916.....	18,527,863	8,533,507	9,127,695	600,014	45,590	221,057	-----	46.1	49.3
1920.....	26,813,268	16,147,249	9,140,864	927,004	410,054	188,097	-----	60.2	34.1
1924.....	29,091,417	15,725,016	8,386,503	36,428	4,848,355	57,520	30,386	54.1	28.8
1928.....	36,811,717	21,391,381	15,016,443	289,023	45,094	20,106	48,770	58.1	40.8
1932.....	39,751,438	15,761,841	22,821,857	918,057	64,823	81,869	102,991	39.7	57.4
1936.....	46,647,117	16,670,583	27,476,733	196,832	1,170,788	37,082	80,159	36.5	60.2
1940.....	49,820,312	22,304,400	26,826,742	110,428	1,472,431	57,732	48,679	44.8	53.8
1944.....	47,976,263	22,006,285	24,776,864	106,442	1,011,918	74,764	-----	45.9	51.6
1948.....	48,833,680	21,969,170	24,105,695	168,070	2,487,529	103,216	-----	45.0	49.4

¹ Totals for years prior to 1928 exclude votes cast for names not appearing on electoral tickets for parties specified. Totals for 1928-44 exclude valid and blank ballots.

² For 1888, Union Labor Party; 1892, 1900, and 1904, Populist; 1896, National Democrat; 1908, Populist and Independent; 1912, Progressive; 1916 to 1948, miscellaneous. ³ Democrat-Populist.

⁴ Socialist-Labor only. In 1924 practically all Socialist votes cast for La Follette and Wheeler, official candidates of both Socialist and Independent Progressive parties, included in miscellaneous.

⁵ Includes scattering votes; 445 in Iowa; 633 in New Jersey; and 131 in Pennsylvania. ⁶ Workers.

⁷ Included with miscellaneous are 798 Union votes cast in endorsement of Republican candidate.

⁸ Included with miscellaneous are 417,418 American Labor votes cast in endorsement of Democratic candidate.

⁹ Included with miscellaneous are 496,405 American Labor and 329,235 Liberal votes cast in endorsement of Democratic candidate.

¹⁰ Included with miscellaneous are 1,166,021 votes for Thurmond (States' Rights Democrats) and 1,156,103 votes cast for Wallace (Progressives, etc.); included with Democratic are 222,562 Liberal votes cast for Democratic nominees.

Source: 1888-1912, reports of State officials on file in Department of State. 1916, *The Presidential Vote 1866-1892*, E. E. Robinson. 1920, 1924, and 1948, U. S. Congress, Clerk of the House; *Statistics of Presidential and Congressional Elections*. 1928-44, Dept. of Commerce, Bureau of Census; Elections, 1944: No. 5, *Vote Cast in Presidential and Congressional Elections, 1888-44*.

No. 345.—APPORTIONMENT OF CONGRESSIONAL REPRESENTATION, BY STATES, FROM ADOPTION OF CONSTITUTION TO 1950

[Until 1940, population for apportionment purposes excluded Indians not taxed and, until 1870, two-fifths of slaves. In 1940, all Indians were held subject to Federal taxation. Until 1850, apportionment ratios chosen arbitrarily; 1850 to 1900, ratios were apportionment population of U. S. divided by number of Representatives; from 1910 on, apportionments computed from priority lists, not from ratios. No apportionment in 1920. 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*, series P 57-61, which shows apportionment totals under Apportionment Act, *excluding* Representatives assigned after apportionment (footnote 7 below)]

STATE	Constitution	1790	1800	1810	1820	1830	1840	1850	1860	1870	1880	1890	1900	1910	1930	1940	1950 ¹
	RATIOS UNDER CONSTITUTION AND APPORTIONMENT ACTS																
	30,000 ²	33,000	33,000	35,000	40,000	47,700	70,680	82,423	127,351	131,425	151,911	173,901	194,182	(3)	(3)	(3)	(3)
	NUMBER OF REPRESENTATIVES																
Total	65	105	142	186	213	242	232	237	243	293	332	357	391	435	435	435	435
Alabama				1	3	5	7	7	6	8	8	9	9	10	9	9	9
Arizona														1	1	2	2
Arkansas							1	2	3	4	5	6	7	7	7	7	6
California							2	2	3	4	6	7	8	11	20	23	30
Colorado										1	1	2	3	4	4	4	4
Connecticut	5	7	7	7	6	6	4	4	4	4	4	4	5	5	6	6	6
Delaware	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
Florida																	
Georgia	3	2	4	6	7	9	8	8	7	9	10	11	11	12	10	10	10
Idaho											1	1	1	2	2	2	2
Illinois				1	3	3	7	9	14	19	20	22	25	27	27	26	25
Indiana				1	3	7	10	11	11	13	13	13	13	13	12	11	11
Iowa							2	2	6	9	11	11	11	11	9	8	8
Kansas									1	3	7	8	8	8	7	6	6
Kentucky		2	6	10	12	13	10	10	9	10	11	11	11	11	9	9	8
Louisiana				1	3	3	4	4	5	6	6	6	7	8	8	8	8
Maine				1	3	3	4	4	5	5	4	4	4	4	3	3	3
Maryland	6	8	9	9	9	8	6	6	5	6	6	6	6	6	6	6	7
Mass.	8	14	17	13	13	12	10	11	10	11	12	13	14	16	15	14	14
Michigan						1	3	4	6	9	11	12	12	13	17	17	18
Minnesota								2	2	3	5	7	9	10	9	9	9
Mississippi				1	1	2	4	5	5	6	7	7	8	8	7	7	6
Missouri					1	2	5	7	9	13	14	15	16	16	13	13	11
Montana											1	1	1	2	2	2	2
Nebraska											1	1	1	1	1	1	1
Nevada									1	1	3	6	6	6	5	4	4
N. Hampshire	3	4	5	6	6	6	4	3	3	3	2	2	2	2	2	2	2
New Jersey	4	5	6	6	6	6	5	5	5	7	7	8	10	12	14	14	14
New Mexico																	
New York	6	10	17	27	34	40	34	33	31	33	34	34	37	43	45	45	43
N. Carolina	5	10	12	13	13	13	9	8	7	8	9	9	10	10	11	12	12
N. Dakota											1	1	2	3	2	2	2
Ohio			1	6	14	19	21	21	19	20	21	21	21	22	24	23	23
Oklahoma																	
Oregon									1	1	1	2	2	3	3	4	4
Pennsylvania	8	13	18	23	26	28	24	25	24	27	28	30	32	36	34	33	30
Rhode Island	1	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2
S. Carolina	6	6	8	9	9	9	7	6	4	5	7	7	7	7	6	6	6
S. Dakota																	
Tennessee		1	3	6	9	13	11	10	8	10	10	10	10	10	9	10	9
Texas							2	2	4	6	11	13	16	18	21	21	22
Utah																	
Vermont		2	4	6	5	5	4	3	3	3	2	2	2	2	2	2	2
Virginia	10	19	22	23	22	21	15	13	11	9	10	10	10	10	9	9	10
Washington											1	2	3	5	6	6	7
West Virginia																	
Wisconsin							2	3	6	8	9	10	11	11	10	10	10
Wyoming											1	1	1	1	1	1	1

¹ To be effective in 1953.

² Number of Representatives not to exceed 1 for each 30,000 inhabitants.

³ See headnote.

⁴ Membership increased from 233 to 234 by act of July 30, 1852 (10 Stat. L. 25). See note 7.

⁵ Membership increased from 233 to 241 by act of Mar. 4, 1862 (12 Stat. L. 353). See note 7.

⁶ Membership originally fixed at 233 but increased to 292 by act of May 30, 1872 (17 Stat. L. 192). One Member assigned to Colorado after apportionment.

⁷ Assigned after apportionment.

⁸ Included in apportionment act in anticipation of Statehood.

⁹ Included in the 20 Members originally assigned to Massachusetts but credited to Maine after its admission as a State, Mar. 16, 1820 (3 Stat. L. 555).

Source: Department of Commerce, Bureau of the Census, records.

ELECTORAL VOTE

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No. 346.—ELECTORAL VOTE FOR PRESIDENT, BY MAJOR POLITICAL PARTIES, BY STATES: 1920 TO 1948

[See also *Historical Statistics*, series P 27-31]

STATE	1920		1924		1928		1932		1936		1940		1944		1948 ¹	
	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.
Total...	404	127	382	136	444	87	59	472	8	523	82	449	99	432	189	303
Plurality...	277		246		357			413		515		367		333		114
Ala.		12		12		12		11		11		11		11		
Ariz.	3		3		3		3		3		3		3		3	4
Ark.		9		9		9		9		9		9		9		9
Calif.	13		13		13		22		22		22		25		25	25
Colo.	6		6		6		6		6		6		6		6	6
Conn.	7		7		7		8		8		8		8		8	
Del.	3		3		3		3		3		3		3		3	
Fla.		6		6		6		7		7		7		8		8
Ga.		14		14		14		12		12		12		12		12
Idaho.	4		4		4		4		4		4		4		4	4
Ill.	20		20		20		20		20		20		28		28	28
Ind.	15		15		15		14		14		14		13		13	
Iowa.	13		13		13		11		11		11		10		10	10
Kans.	10		10		10		9		9		9		8		8	
Ky.		13		13		13		11		11		11		11		11
La.		10		10		10		10		10		10		10		
Maine.	6		6		6		5		5		5		5		5	
Md.	8		8		8		8		8		8		8		8	
Mass.	18		18		18		17		17		17		16		16	16
Mich.	15		15		15		19		19		19		19		19	
Minn.	12		12		12		11		11		11		11		11	11
Miss.		10		10		10		9		9		9		9		
Mo.	18		18		18		15		15		15		15		15	15
Mont.	4		4		4		4		4		4		4		4	4
Nebr.	8		8		8		7		7		7		6		6	4
Nev.	3		3		3		3		3		3		3		3	3
N. H.	4		4		4		4		4		4		4		4	
N. J.	14		14		14		16		16		16		16		16	
N. M.	3		3		3		3		3		3		3		3	4
N. Y.	45		45		45		47		47		47		47		47	
N. C.		12		12		12		13		13		13		14		14
N. Dak.	5		5		5		4		4		4		4		4	
Ohio.	24		24		24		26		26		26		25		25	25
Okla.	10		10		10		11		11		11		10		10	10
Oreg.	5		5		5		5		5		5		5		6	6
Pa.	38		38		38		36		36		36		35		35	
R. I.	5		5		5		4		4		4		4		4	4
S. C.		9		9		9		8		8		8		8		
S. Dak.	5		5		5		4		4		4		4		4	
Tenn.	12		12		12		11		11		11		11		12	11
Tex.		20		20		20		23		23		23		23		23
Utah.	4		4		4		4		4		4		4		4	4
Vt.	4		4		4		3		3		3		3		3	
Va.		12		12		12		11		11		11		11		11
Wash.	7		7		7		8		8		8		8		8	8
W. Va.	8		8		8		8		8		8		8		8	8
Wis.	13		13		13		12		12		12		12		12	12
Wyo.	3		3		3		3		3		3		3		3	3

¹ Total of 531 electors also includes 39 for States' Rights Democrat candidates, as follows: Alabama, 11; Louisiana, 10; Mississippi, 9; South Carolina, 8; and Tennessee, 1.² Electoral votes of Wisconsin cast for LaFollette and Wheeler, Independent Progressive candidates.Source: 1920, *Journal of the Senate*, Washington, D. C.; 1924-48, U. S. Congress, Clerk of the House; *Statistics of Presidential and Congressional Election*.

No. 347.—VOTE FOR PRESIDENTIAL ELECTORS, BY STATES: 1912 TO 1940

[For current figures, see table 348]

STATE	1912	1916	1920	1924	1928	1932	1936	1940
Total	15,031,169	18,527,863	26,813,268	29,091,417	36,811,717	39,751,438	45,647,117	49,820,312
Alabama.....	117,879	130,728	237,638	166,593	248,982	245,034	275,744	204,210
Arizona.....	23,722	58,019	66,570	73,961	91,264	118,251	124,163	150,039
Arkansas.....	124,029	168,374	183,637	138,532	197,693	220,562	179,423	201,838
California.....	673,527	990,781	943,344	1,281,778	1,796,656	2,266,972	2,638,882	3,268,791
Colorado.....	266,880	294,364	292,053	342,200	392,242	457,666	488,676	549,004
Connecticut.....	190,398	213,874	365,518	400,295	553,031	594,207	690,783	781,602
Delaware.....	48,693	51,810	94,875	90,865	105,891	112,901	127,003	136,374
Florida.....	51,891	80,734	193,208	109,154	253,674	276,252	327,366	485,492
Georgia.....	121,420	159,710	148,251	166,577	229,159	255,500	293,178	312,553
Idaho.....	105,755	134,615	135,692	148,295	154,230	186,520	199,623	235,168
Illinois.....	1,146,173	2,190,217	2,094,714	2,470,067	3,107,489	3,407,926	3,956,522	4,217,935
Indiana.....	654,474	718,986	1,262,964	1,272,390	1,421,314	1,576,927	1,650,897	1,782,747
Iowa.....	492,356	514,703	895,076	976,960	1,009,362	1,036,687	1,142,733	1,215,430
Kansas.....	365,497	628,288	570,243	662,451	713,200	791,978	865,013	860,297
Kentucky.....	453,698	520,069	918,708	815,332	490,604	983,063	920,206	970,063
Louisiana.....	79,377	92,982	126,057	121,951	215,833	268,804	329,778	372,305
Maine.....	129,640	136,314	197,840	192,192	262,171	298,444	304,240	320,840
Maryland.....	231,081	262,039	428,442	358,630	528,348	511,054	624,896	660,104
Massachusetts.....	488,056	531,764	993,720	1,129,908	1,577,827	1,580,114	1,840,357	2,026,998
Michigan.....	550,976	646,873	1,047,819	1,169,208	1,372,082	1,664,628	1,805,093	2,035,020
Minnesota.....	334,219	387,397	735,838	822,146	970,976	1,002,843	1,129,975	1,251,188
Mississippi.....	64,528	86,159	82,492	112,515	161,692	146,034	162,090	175,824
Missouri.....	698,562	786,703	1,332,800	1,307,985	1,500,721	1,699,894	1,828,635	1,833,720
Montana.....	79,826	177,679	178,968	174,423	194,108	216,470	230,512	247,873
Nebraska.....	249,208	287,315	382,653	464,169	547,138	570,135	608,032	615,878
Nevada.....	20,115	33,316	27,194	26,921	32,417	41,430	43,848	53,174
New Hampshire.....	87,960	89,127	159,092	164,769	196,747	205,520	218,114	235,419
New Jersey.....	424,622	494,438	910,251	1,088,054	1,549,381	1,630,063	1,820,437	1,974,990
New Mexico.....	51,245	60,967	105,401	112,830	118,014	151,606	168,920	183,014
New York.....	1,587,983	1,706,305	2,898,513	3,256,319	4,405,626	4,688,614	5,596,398	6,301,596
North Carolina.....	244,455	289,835	538,741	482,687	636,070	711,501	839,462	822,648
North Dakota.....	86,580	115,390	205,776	199,081	239,867	256,290	273,716	280,775
Ohio.....	1,037,094	1,164,091	2,021,653	2,016,237	2,508,346	2,610,088	3,012,425	3,319,912
Oklahoma.....	253,901	291,651	486,610	528,415	618,427	704,633	749,740	826,212
Oregon.....	137,040	261,650	238,622	279,488	319,942	368,751	414,021	481,240
Pennsylvania.....	1,217,502	1,297,292	1,851,250	2,144,852	3,150,615	2,859,002	4,138,105	4,078,714
Rhode Island.....	77,894	87,816	167,981	210,115	237,194	266,170	311,149	321,148
South Carolina.....	50,350	63,952	66,806	50,751	68,605	104,407	116,437	99,880
South Dakota.....	116,325	128,942	182,237	203,868	261,865	288,438	296,452	308,427
Tennessee.....	247,821	272,767	428,626	300,275	363,473	390,638	475,531	522,823
Texas.....	301,788	373,114	486,326	657,509	708,999	863,426	843,482	1,041,168
Utah.....	112,385	143,145	145,828	156,990	176,604	206,579	216,677	247,819
Vermont.....	62,841	64,475	89,961	102,912	135,191	136,980	143,689	143,062
Virginia.....	136,976	153,984	231,033	223,726	305,358	297,042	334,590	346,607
Washington.....	322,799	380,094	398,705	421,549	500,840	614,814	692,338	793,833
West Virginia.....	268,560	289,850	509,942	583,662	642,752	743,774	830,078	898,076
Wisconsin.....	399,972	447,335	701,280	840,779	1,016,872	1,114,815	1,258,712	1,405,540
Wyoming.....	42,296	51,840	62,520	79,900	82,835	96,962	103,382	112,240

Source: 1912, *Cyclopedia of American Government, 1914*; 1916, *The Presidential Vote, 1890-1932*, E. E. Robinson; 1920 and 1924, U. S. Congress, Clerk of the House, *Statistics of Congressional and Presidential Election*; 1928-40, Department of Commerce, Bureau of Census, Elections, 1944: No. 5, *Vote Cast in Presidential and Congressional Elections, 1928-44*.

No. 348.—VOTE FOR PRESIDENTIAL ELECTORS, BY MAJOR POLITICAL PARTIES BY STATES: 1944 AND 1948

[In thousands]

STATE	1944						1948					
	Total	Demo- cratic	Re- pub- lican	Other parties	Percent of total		Total	Demo- cratic	Re- pub- lican	Other parties	Percent of total	
					Dem- ocrat- ic	Re- pub- lican					Dem- ocrat- ic	Re- pub- lican
Total.....	47,976	24,777	22,006	1,193	51.6	45.9	48,834	24,106	21,969	2,759	49.4	45.0
Alabama.....	245	199	45	1	81.3	18.2	215	95	41	174	53.8	43.8
Arizona.....	138	81	56	(2)	58.8	40.9	177	78	4	95	43.8	43.8
Arkansas.....	213	149	64	(2)	70.0	29.8	242	150	51	42	61.7	21.0
California.....	3,521	1,989	1,513	19	56.5	43.0	4,022	1,913	1,805	213	47.6	47.1
Colorado.....	505	234	269	2	46.4	53.2	615	267	240	8	51.9	46.5
Connecticut.....	832	435	391	6	52.3	46.9	884	423	435	22	47.9	49.5
Delaware.....	125	68	57	(2)	54.4	45.3	139	68	70	2	48.8	50.0
Florida.....	423	339	143	-----	70.3	29.7	573	282	194	101	48.8	33.6
Georgia.....	382	208	57	3	81.7	17.2	419	255	77	87	60.8	18.3
Idaho.....	208	107	100	1	51.6	48.1	215	107	102	6	50.0	47.3
Illinois.....	4,036	2,079	1,930	17	51.5	48.0	3,984	1,995	1,961	28	50.1	49.2
Indiana.....	1,672	781	876	15	46.7	52.4	1,656	808	821	27	48.8	49.0
Iowa.....	1,053	500	547	5	47.5	52.0	1,038	522	494	22	50.3	47.6
Kansas.....	734	287	442	4	39.2	60.2	789	352	423	14	44.6	53.0
Kentucky.....	868	473	392	3	54.5	45.2	823	497	341	15	59.7	41.5
Louisiana.....	349	282	68	(2)	80.6	19.4	416	136	73	207	32.7	17.5
Maine.....	296	141	155	(2)	47.4	52.4	265	112	150	3	42.3	56.7
Maryland.....	608	315	293	-----	51.9	48.1	597	287	295	15	48.0	49.4
Massachusetts.....	1,961	1,035	921	34	52.8	47.0	2,155	1,152	909	94	53.4	42.2
Michigan.....	2,205	1,107	1,084	14	50.2	49.2	2,110	1,003	1,039	68	47.6	49.2
Minnesota.....	1,126	590	527	8	52.4	46.9	1,212	693	484	36	57.2	39.0
Mississippi.....	180	150	4	18	88.0	2.1	192	19	5	168	10.1	2.6
Missouri.....	1,572	807	761	3	51.4	48.4	1,579	917	655	6	58.1	41.5
Montana.....	207	113	93	2	54.8	44.9	224	119	97	8	53.1	43.1
Nebraska.....	563	233	330	-----	41.4	58.6	489	224	265	-----	45.8	54.2
Nevada.....	54	30	25	-----	54.6	45.4	62	31	29	1	50.4	47.3
New Hampshire.....	230	120	110	(2)	52.1	47.9	231	108	121	2	46.7	52.4
New Jersey.....	1,964	988	961	15	50.3	49.0	1,950	895	981	73	45.9	50.3
New Mexico.....	152	81	71	(2)	53.5	46.4	186	105	80	-----	56.8	43.2
New York.....	6,317	2,479	2,088	1,851	39.2	47.3	6,275	2,780	2,841	653	44.3	45.3
North Carolina.....	791	527	263	-----	66.7	33.3	791	450	250	74	58.0	32.7
North Dakota.....	220	100	119	1	45.5	53.8	221	90	115	10	43.4	52.2
Ohio.....	3,153	1,571	1,582	-----	49.8	50.2	2,936	1,453	1,446	38	49.5	49.2
Oklahoma.....	723	402	319	2	55.0	44.2	722	453	260	-----	62.7	37.3
Oregon.....	480	249	225	6	51.8	46.0	524	243	261	20	46.4	49.8
Pennsylvania.....	3,705	1,941	1,835	19	51.1	48.4	3,735	1,752	1,902	81	46.9	50.9
Rhode Island.....	299	176	123	(2)	58.6	41.3	326	189	135	3	57.8	41.4
South Carolina.....	103	91	5	8	87.6	4.4	143	34	5	103	24.1	3.8
South Dakota.....	232	97	135	-----	41.7	58.3	250	118	130	3	47.0	51.8
Tennessee.....	511	309	200	2	60.4	39.2	550	270	203	77	49.1	39.9
Texas.....	1,150	822	191	137	71.4	16.6	1,147	751	282	114	65.4	24.6
Utah.....	248	150	98	(2)	60.4	39.4	276	149	124	3	54.0	45.0
Vermont.....	125	54	72	(2)	42.9	57.1	123	46	76	2	36.9	61.5
Virginia.....	388	242	145	1	62.4	37.4	419	201	172	46	47.9	41.0
Washington.....	856	487	362	8	56.8	42.2	905	476	386	43	52.6	42.7
West Virginia.....	716	393	323	-----	54.9	45.1	749	420	316	3	57.3	42.2
Wisconsin.....	1,339	650	675	14	48.6	50.4	1,277	647	501	39	50.7	46.3
Wyoming.....	101	49	52	-----	48.8	51.2	101	52	48	1	51.6	47.3

¹ Excluded from Democratic and included in "Other" are 490,405 American Labor and 329,235 Liberal votes cast in endorsement of Democratic candidate in New York State.

² Less than 500.

³ Excludes 49,328 blanks.

⁴ Includes 48,201 blanks and 633 scattering.

⁵ Includes 222,562 Liberal Party votes.

⁶ Includes 97,119 blanks, 128 scattering, and 71 void.

Source: Department of Commerce, Bureau of the Census, Elections, 1944: No. 5, *Vote Cast in Presidential and Congressional Elections, 1928-44*; and U. S. Congress, Clerk of the House, *Statistics of the Presidential and Congressional Election of Nov. 2, 1948*, corrected to January 29, 1949.

No. 349.—VOTE FOR UNITED STATES REPRESENTATIVES, BY STATES: 1932 to 1946

[For explanation and current figures, see table 350]

STATE	1932	1934	1936	1938	1940	1942	1944	1946
Total -----	37,656,873	32,532,700	42,885,505	36,235,629	46,950,848	28,074,365	45,103,042	34,398,450
Alabama-----	239,333	164,885	255,052	123,877	269,615	69,131	222,338	179,488
Arizona-----	106,584	96,044	108,760	104,058	139,784	79,747	128,036	112,812
Arkansas-----	216,845	137,375	160,305	143,956	208,890	98,351	217,207	151,333
California-----	1,875,029	2,074,563	2,242,308	2,391,138	2,771,954	1,901,538	3,007,499	2,336,262
Colorado-----	429,479	395,698	457,769	449,537	525,026	342,306	493,862	332,072
Connecticut-----	590,151	548,038	682,033	623,397	780,646	560,248	825,116	674,499
Delaware-----	112,090	98,857	126,603	108,571	134,778	84,726	126,440	112,621
Florida-----	216,916	131,817	284,937	153,061	380,237	107,111	416,372	186,703
Georgia-----	267,146	52,833	277,073	68,087	271,623	61,875	274,374	161,578
Idaho-----	183,555	163,039	194,972	178,684	231,636	130,287	205,579	178,768
Illinois-----	3,155,416	2,747,438	3,731,559	3,104,444	4,008,860	2,862,842	3,874,845	3,446,920
Indiana-----	1,533,338	1,466,307	1,617,839	1,572,649	1,761,417	1,286,729	1,651,216	1,332,648
Iowa-----	935,585	846,253	1,064,364	802,636	1,114,063	664,747	972,759	593,070
Kansas-----	719,095	757,234	799,850	737,026	788,652	493,692	664,192	554,800
Kentucky-----	970,673	469,479	917,647	533,950	890,898	380,898	843,843	583,802
Louisiana-----	244,681	186,112	291,963	152,410	321,044	84,987	282,569	106,009
Maine-----	235,298	279,295	301,048	281,619	246,673	160,841	183,771	174,248
Maryland-----	453,836	455,630	543,381	480,472	585,418	337,436	544,324	444,955
Massachusetts-----	1,500,694	1,373,555	1,783,328	1,719,677	1,964,738	1,327,242	1,889,753	1,617,314
Michigan-----	1,676,062	1,212,525	1,696,280	1,547,215	1,937,362	1,170,694	2,163,487	1,604,732
Minnesota-----	1,146,800	905,605	1,061,105	1,070,927	1,205,753	761,276	1,109,109	875,005
Mississippi-----	134,778	57,327	148,441	35,439	146,219	51,602	152,712	50,637
Missouri-----	1,635,377	1,320,335	1,810,975	1,245,032	1,816,729	925,319	1,520,412	1,084,741
Montana-----	208,871	199,739	208,474	208,710	237,975	169,508	197,217	190,088
Nebraska-----	546,203	542,316	599,336	477,715	575,316	357,609	514,626	372,040
Nevada-----	41,112	41,683	43,764	45,441	50,746	39,389	51,744	49,046
New Hampshire-----	193,076	170,213	204,272	181,003	218,208	156,215	215,857	161,092
New Jersey-----	1,501,734	1,328,407	1,688,241	1,531,121	1,862,386	1,203,455	1,850,425	1,381,993
New Mexico-----	149,568	148,288	168,373	155,157	182,057	105,947	151,888	120,939
New York-----	4,424,221	3,657,908	5,311,612	4,487,956	6,083,201	3,875,271	6,024,597	4,705,410
North Carolina-----	706,072	493,694	800,884	479,267	707,655	314,827	754,658	452,222
North Dakota-----	217,688	277,979	235,576	216,340	235,288	182,380	197,594	144,394
Ohio-----	2,478,992	2,085,897	2,863,364	2,313,460	3,078,196	1,735,181	2,954,334	2,216,750
Oklahoma-----	653,780	553,437	694,189	468,267	766,041	351,068	684,560	492,141
Oregon-----	349,734	393,400	389,944	365,943	461,902	276,423	442,476	334,070
Pennsylvania-----	2,782,678	2,925,819	4,070,414	3,783,638	4,005,607	2,608,778	3,712,570	3,111,987
Rhode Island-----	259,861	244,562	304,920	300,220	314,023	236,604	293,481	272,394
South Carolina-----	106,633	22,166	115,255	46,196	99,672	23,356	100,862	26,368
South Dakota-----	273,301	277,555	286,449	274,416	298,551	178,111	225,738	157,805
Tennessee-----	340,449	275,242	392,553	264,404	417,157	156,212	398,622	193,448
Texas-----	815,693	439,690	819,690	365,208	1,019,418	278,418	1,058,419	347,395
Utah-----	205,593	179,076	215,780	182,632	246,881	150,493	247,681	196,672
Vermont-----	133,801	129,728	140,395	112,652	140,477	58,070	123,036	73,096
Virginia-----	305,513	148,171	322,276	126,043	316,676	90,067	342,980	253,804
Washington-----	553,537	479,365	646,868	589,493	744,280	428,180	803,093	644,930
West Virginia-----	736,788	619,946	825,738	622,821	870,115	460,287	718,509	537,357
Wisconsin-----	1,044,077	856,874	890,207	912,365	1,269,393	748,873	1,162,858	983,918
Wyoming-----	90,191	81,383	98,313	94,500	106,888	74,855	96,102	79,438

Source: 1932-44, Department of Commerce, Bureau of Census; Elections, 1944: No. 5, *Vote Cast in Presidential and Congressional Elections, 1928-44*, 1946, U. S. Congress, Clerk of the House; *Statistics of the Congressional Election of Nov. 5, 1946*, corrected to Feb. 13, 1947.

No. 350.—VOTE FOR UNITED STATES REPRESENTATIVES, BY MAJOR POLITICAL PARTIES, BY STATES: 1948 AND 1950

[In thousands. In each State, totals represent the sum of votes cast in each Congressional District, except as follows: In New Mexico and North Dakota, no representatives were elected from districts, but more than one was elected from the State at large; in these States, each party total represents votes cast for that candidate of the party receiving highest vote. In Delaware, Nevada, Vermont, and Wyoming only one representative is elected. In Connecticut and Ohio, representatives are elected by district except one, who is elected at large; the at-large vote is 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 here counted as for the endorsing party. See also notes below]

STATE	1948						1950					
	Total	Democratic	Republican	Other parties	Percent of total		Total	Democratic	Republican	Other parties	Percent of total	
					Democratic	Republican					Democratic	Republican
Total	46,142	23,820	20,920	1,402	51.6	45.3	40,430	19,785	19,750	894	48.9	48.9
Alabama.....	197	184	14		93.1	6.9	152	151	1		99.4	0.6
Arizona.....	150	97	60	2	60.8	37.7	178	116	62		65.0	35.0
Arkansas.....	220	220			100.0		206	206			100.0	
California ¹	3,561	1,348	1,975	239	37.9	55.4	3,350	1,481	1,754	124	44.1	52.2
Colorado.....	497	272	225		54.8	45.2	443	214	226	3	48.4	51.0
Connecticut.....	921	457	454	10	49.6	49.3	861	436	425		50.6	49.4
Delaware.....	141	60	71	(?)	49.0	50.6	129	56	73		43.3	56.7
Florida.....	353	297	56		84.2	15.8	253	229	24		90.4	9.6
Georgia.....	365	365			100.0		253	253			100.0	
Idaho.....	212	106	103	3	50.0	48.5	200	91	109		45.6	54.4
Illinois.....	3,840	2,002	1,823	24	52.0	47.4	3,510	1,017	1,891	2	46.1	53.9
Indiana.....	1,633	837	782	14	51.2	47.9	1,587	727	850	9	45.8	53.6
Iowa.....	940	419	517	3	44.6	55.0	820	317	500		38.7	61.0
Kansas.....	704	209	404		42.5	57.5	607	249	358		41.0	59.0
Kentucky.....	741	416	321	4	56.2	43.3	489	308	181		63.0	37.0
Louisiana.....	322	308	13		95.9	4.1	227				100.0	
Maine.....	214	72	142		33.7	66.3	238	101	137		42.4	57.6
Maryland.....	534	291	231	12	54.5	43.2	673	284	286	3	49.5	49.9
Massachusetts.....	2,155	976	070	209	45.3	45.0	1,947	921	930	96	47.3	47.8
Michigan.....	2,065	1,023	1,025	17	49.5	49.6	1,805	839	956	9	46.5	53.0
Minnesota.....	1,182	589	593	(?)	49.8	50.2	1,018	474	539	6	46.5	52.9
Mississippi.....	153	152	(?)		99.8		88	83	3	2	94.2	3.3
Missouri.....	1,565	920	642	4	58.8	41.0	1,250	698	552	1	55.8	44.2
Montana.....	215	123	91	1	57.3	42.4	211	108	100	2	51.4	47.5
Nebraska.....	460	192	269		41.7	58.3	436	164	272		37.7	62.3
Nevada.....	59	30	20		50.6	49.4	60	32	28		52.8	47.2
New Hampshire.....	220	95	124	2	42.9	56.4	185	73	112		39.3	60.7
New Jersey.....	1,852	881	938	34	47.6	50.6	1,571	600	850	22	43.9	54.7
New Mexico.....	185	100	77		58.0	41.4	173	98	75		56.4	43.6
New York ⁶	5,998	2,007	2,658	732	43.5	44.3	5,052	2,163	2,384	505	42.8	47.2
North Carolina.....	704	541	219	3	70.8	28.7	522	366	157		70.0	30.0
North Dakota.....	191	57	132	2	29.7	69.4	181	62	119		34.4	65.6
Ohio.....	2,809	1,470	1,337	1	52.3	47.6	2,767	1,257	1,451	58	45.5	52.4
Oklahoma.....	685	461	225		67.2	32.8	608	364	243		60.0	40.0
Oregon.....	491	176	296	19	35.8	60.3	409	201	288	10	40.3	57.7
Pennsylvania.....	3,657	1,783	1,864	10	48.8	51.0	3,512	1,073	1,834	5	47.6	52.2
Rhode Island.....	319	194	125		60.8	39.2	263	182	112		61.9	38.1
South Carolina.....	141	134	7	(?)	95.1	4.9	50	50			100.0	
South Dakota.....	241	105	136		43.6	56.4	248	98	151		39.3	60.7
Tennessee.....	449	283	151	15	63.1	33.6	263	165	72	25	63.0	27.4
Texas.....	1,052	985	65	1	93.6	6.2	360	326	34		90.5	9.5
Utah.....	274	159	115		58.1	41.9	264	138	125		52.5	47.5
Vermont.....	123	48	75	(?)	39.0	60.9	89	23	66	1	25.6	73.4
Virginia.....	353	255	122	6	66.6	31.7	212	155	51	5	73.4	24.3
Washington.....	818	403	401	14	49.2	49.1	724	342	378	3	47.3	52.3
West Virginia.....	759	443	316		58.3	41.7	683	375	288		56.0	43.4
Wisconsin.....	1,211	514	677	21	42.4	55.8	1,110	470	639	1	42.4	57.0
Wyoming.....	97	47	50		48.5	51.5	93	42	51		45.5	54.5

¹ In California a person may be candidate of one or more parties for same office, so that 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.

² Less than 500.

³ Includes 208,892 blanks.

⁴ Includes 87,673 blanks. ⁵ Democratic-Farmer-Labor party.

⁶ Included in "Other" are endorsing votes cast for major party candidates, as follows: in 1948 for Democrats 263,339 and for Republicans 31,735; in 1950 for Democrats 164,695 and for Republicans 25,355. Republican totals include endorsing votes cast for Democrats: 116,824 in 1948 and 40,575 in 1950.

Source: U. S. Congress, Clerk of the House; *Statistics of the Presidential and Congressional Election of Nov. 2, 1948*, corrected to Jan. 26, 1949, and *Statistics of the Congressional Election of Nov. 7, 1950*, corrected to Jan. 11, 1951.

NO. 351.—VOTE FOR UNITED STATES SENATORS, BY MAJOR POLITICAL PARTIES, BY STATES: 1948 AND 1950

[In thousands. Years in which no regular elections occur indicated by leaders. Elections to fill vacancies for unexpired terms excluded]

STATE	1948						1950					
	Total	Demo- cratic	Re- pub- lican	Other parties	Percent of total		Total	Demo- cratic	Re- pub- lican	Other parties	Percent of total	
					Dem- ocrat- ic	Re- pub- lican					Dem- ocrat- ic	Re- pub- lican
Total.....	22,682	12,751	9,662	270	56.2	42.6	32,409	15,298	16,166	945	47.2	49.9
Alabama.....	221	186	35	-----	84.0	16.0	164	126	-----	38	76.5	-----
Arizona.....	-----	-----	-----	-----	-----	-----	185	116	69	-----	62.8	37.2
Arkansas.....	216	216	-----	-----	100.0	-----	303	303	-----	-----	100.0	-----
California.....	-----	-----	-----	-----	-----	-----	3,686	1,503	2,183	(1)	40.8	59.2
Colorado.....	510	341	165	4	66.8	32.4	450	210	240	-----	46.7	53.3
Connecticut.....	-----	-----	-----	-----	-----	-----	863	454	409	-----	52.6	47.4
Delaware.....	141	72	68	1	50.9	48.3	-----	-----	-----	-----	-----	-----
Florida.....	-----	-----	-----	-----	-----	-----	313	239	74	-----	76.3	23.7
Georgia.....	363	362	-----	(1)	99.9	-----	261	261	-----	-----	100.0	-----
Idaho.....	214	107	104	3	50.0	48.5	201	77	124	-----	38.3	61.7
Illinois.....	3,900	2,148	1,740	13	55.1	44.6	3,023	1,658	1,365	13	45.8	53.9
Indiana.....	-----	-----	-----	-----	-----	-----	1,599	741	844	13	46.4	52.8
Iowa.....	1,000	578	416	6	57.8	41.6	859	384	471	4	44.7	54.8
Kansas.....	716	306	393	17	42.7	54.9	619	271	336	12	43.8	54.3
Kentucky.....	794	408	384	2	51.4	48.3	617	334	278	4	54.2	45.1
Louisiana.....	330	330	-----	(1)	100.0	-----	252	221	31	-----	87.7	12.3
Maine.....	223	64	159	-----	28.7	71.3	-----	-----	-----	-----	-----	-----
Maryland.....	-----	-----	-----	-----	-----	-----	616	283	326	6	46.0	53.0
Massachusetts.....	2,155	954	1,088	* 112	44.3	50.5	-----	-----	-----	-----	-----	-----
Michigan.....	2,062	1,000	1,045	17	48.5	50.7	-----	-----	-----	-----	-----	-----
Minnesota.....	1,220	* 729	486	5	59.8	39.8	-----	-----	-----	-----	-----	-----
Mississippi.....	151	151	-----	-----	100.0	-----	-----	-----	-----	-----	-----	-----
Missouri.....	-----	-----	-----	-----	-----	-----	1,279	686	593	1	53.6	4.1
Montana.....	221	125	94	1	56.6	42.7	-----	-----	-----	-----	-----	-----
Nebraska.....	472	204	268	-----	43.3	56.7	-----	-----	-----	-----	-----	-----
Nevada.....	-----	-----	-----	-----	-----	-----	62	36	26	-----	58.0	42.0
New Hampshire.....	223	92	130	2	41.2	58.1	190	72	100	11	38.2	50.0
New Jersey.....	1,870	884	935	51	47.3	50.0	-----	-----	-----	-----	-----	-----
New Mexico.....	188	108	80	-----	57.4	42.6	-----	-----	-----	-----	-----	-----
New York.....	-----	-----	-----	-----	-----	-----	5,473	2,320	2,367	46	42.4	43.3
North Carolina.....	765	541	220	3	70.7	28.8	548	376	172	-----	68.7	31.3
North Dakota.....	-----	-----	-----	-----	-----	-----	187	61	126	-----	32.4	67.6
Ohio.....	-----	-----	-----	-----	-----	-----	2,860	1,214	1,646	-----	42.5	57.5
Okahoma.....	709	442	265	2	62.3	37.4	631	346	285	-----	54.8	45.2
Oregon.....	499	199	299	-----	40.0	60.0	503	117	377	10	23.2	74.8
Pennsylvania.....	-----	-----	-----	-----	-----	-----	3,549	1,694	1,820	34	47.7	51.3
Rhode Island.....	320	190	130	-----	59.3	40.7	-----	-----	-----	-----	-----	-----
South Carolina.....	141	136	5	-----	96.4	3.6	50	50	-----	-----	100.0	-----
South Dakota.....	243	99	144	-----	40.7	59.3	251	91	161	-----	36.1	63.9
Tennessee.....	499	326	167	6	65.3	33.4	-----	-----	-----	-----	-----	-----
Texas.....	1,062	703	350	9	66.2	32.9	-----	-----	-----	-----	-----	-----
Utah.....	-----	-----	-----	-----	-----	-----	264	121	142	-----	45.8	53.9
Vermont.....	-----	-----	-----	-----	-----	-----	89	20	70	(1)	22.0	78.0
Virginia.....	386	254	119	14	65.7	30.7	-----	-----	-----	-----	-----	-----
Washington.....	-----	-----	-----	-----	-----	-----	745	398	342	5	53.4	46.0
West Virginia.....	784	435	329	-----	57.0	43.0	-----	-----	-----	-----	-----	-----
Wisconsin.....	-----	-----	-----	-----	-----	-----	1,116	516	595	5	46.2	53.8
Wyoming.....	101	58	44	-----	57.1	42.9	-----	-----	-----	-----	-----	-----

1 Less than 500.

* Includes 99,549 blanks.

2 Democratic-Farmer-Labor Party.

3 Included in "Other" are 312,594 Liberal votes cast in endorsement of Democratic candidate.

4 Includes 244,654 blanks, void, and scattering.

Source: U. S. Congress, Clerk of the House; *Statistics of the Presidential and Congressional Election of Nov. 2, 1948*, corrected to Jan. 29, 1949, and *Statistics of the Congressional Election of Nov. 7, 1950*, corrected to Jan. 11, 1951.

No. 352.—MALE CITIZENS OF VOTING AGE, 1900 AND 1910, AND ALL CITIZENS OF VOTING AGE, 1920 TO 1940, BY STATES

[For total population, 21 years old and over, for 1950, see table 21]

DIVISION AND STATE	MALE CITIZENS 21 YEARS OLD AND OVER		CITIZENS 21 YEARS OLD AND OVER		
	1900	1910	1920	1930	1940
United States.....	18,973,994	23,257,240	54,418,928	67,288,952	79,863,451
New England.....	1,973,096	1,542,217	3,637,179	4,251,856	5,015,624
Maine.....	102,202	201,861	420,711	439,062	493,506
New Hampshire.....	110,127	111,052	235,490	267,350	295,850
Vermont.....	97,020	100,540	198,600	203,406	214,248
Massachusetts.....	647,019	754,547	1,861,260	2,197,605	2,575,477
Rhode Island.....	100,705	119,620	280,645	357,060	424,876
Connecticut.....	226,014	284,597	631,455	706,704	1,011,688
Middle Atlantic.....	3,860,713	4,516,638	10,984,026	14,179,853	16,951,733
New York.....	1,828,887	2,110,318	5,120,200	6,783,594	8,327,603
New Jersey.....	467,018	592,234	1,526,093	2,176,210	2,592,978
Pennsylvania.....	1,564,808	1,814,086	4,328,124	5,217,043	6,031,192
East North Central.....	4,139,283	4,835,329	11,609,924	14,486,013	16,796,537
Ohio.....	1,143,426	1,317,652	3,228,349	3,882,029	4,404,423
Indiana.....	601,286	775,088	1,702,878	1,944,828	2,108,935
Illinois.....	1,750,283	1,453,840	3,462,573	4,428,680	5,110,864
Michigan.....	611,015	733,615	1,879,272	2,575,816	3,131,722
Wisconsin.....	434,273	554,534	1,337,152	1,665,200	1,941,603
West North Central.....	2,646,505	3,122,829	6,839,872	7,760,810	8,561,797
Minnesota.....	412,186	521,198	1,232,866	1,461,311	1,730,547
Iowa.....	504,797	607,050	1,360,910	1,472,450	1,608,926
Missouri.....	822,648	916,600	1,960,080	2,221,259	2,463,720
North Dakota.....	70,893	139,167	280,868	340,664	358,090
South Dakota.....	93,790	151,030	313,279	374,337	378,405
Nebraska.....	204,228	315,065	684,973	784,745	817,280
Kansas.....	388,054	472,710	982,878	1,106,038	1,144,823
South Atlantic.....	2,453,831	2,978,980	7,048,935	8,282,868	10,285,903
Delaware.....	51,318	56,785	126,254	142,052	171,856
Maryland.....	307,821	343,807	818,143	958,671	1,153,510
District of Columbia.....	30,504	93,122	202,064	330,866	474,793
Virginia.....	443,237	514,781	1,192,560	1,293,254	1,567,517
West Virginia.....	241,473	310,831	710,927	874,116	1,046,107
North Carolina.....	416,514	502,606	1,202,558	1,538,977	1,925,483
South Carolina.....	282,054	333,171	770,847	817,584	989,841
Georgia.....	497,748	615,803	1,414,810	1,494,096	1,708,969
Florida.....	133,162	202,484	513,863	833,252	1,187,827
East South Central.....	1,778,419	2,074,883	4,493,821	5,201,377	6,084,611
Kentucky.....	537,520	560,140	1,278,411	1,410,323	1,630,772
Tennessee.....	483,605	547,905	1,208,228	1,413,623	1,703,391
Alabama.....	410,533	507,186	1,135,659	1,343,283	1,555,369
Mississippi.....	340,855	423,652	871,623	1,028,248	1,195,079
West South Central.....	1,416,912	2,143,281	4,973,325	6,366,907	7,536,731
Arkansas.....	310,218	301,232	801,540	994,956	1,098,986
Louisiana.....	312,751	307,717	897,236	1,118,943	1,364,933
Oklahoma.....	105,767	420,741	980,448	1,277,419	1,362,438
Texas.....	688,170	933,591	2,234,101	3,005,689	3,710,374
Mountain.....	486,597	738,528	1,656,604	1,963,152	2,393,992
Montana.....	84,572	117,906	284,244	298,982	343,180
Idaho.....	47,314	94,770	218,411	237,144	305,311
Wyoming.....	32,823	49,597	102,608	124,224	150,031
Colorado.....	163,665	235,617	519,205	586,255	688,410
New Mexico.....	51,067	81,142	159,614	202,566	275,227
Arizona.....	35,107	46,091	125,923	202,369	263,846
Utah.....	97,767	83,703	205,071	248,410	288,160
Nevada.....	14,282	29,700	40,538	63,202	70,327
Pacific.....	722,893	1,253,604	3,102,227	4,805,516	6,296,523
Washington.....	165,752	347,470	741,213	910,864	1,123,725
Oregon.....	123,779	211,875	447,823	679,547	717,121
California.....	433,362	694,259	1,913,191	3,806,105	4,456,677

¹ Includes 95,745 males in Indian Territory.

² 1910 and 1920 State figures include foreign-born Negroes (not naturalized) excluded from U. S. totals, but exclude native born of all other nonwhite races included in U. S. totals.

Source: Department of Commerce, Bureau of the Census. 12th Census Reports, *Population*, Vol. I, Pt. 1; 13th Census Reports, *Abstract of the Census*; 14th Census Reports, *Population*, Vol. III; 15th Census Reports, *Population*, Vol. II; and 16th Census Reports, *Population*, Vol. II, Pt. 1.

NO. 353.—COMPOSITION OF CONGRESS BY POLITICAL PARTY AFFILIATIONS: 1915 TO 1951

[D=Democratic, R=Republican. See also *Historical Statistics*, series P 50-56]

YEAR	President	Congress	HOUSE			SENATE		
			Major party	Principal minority party	Other (except vacancies)	Major party	Principal minority party	Other (except vacancies)
1915-1917	D (Wilson)	64th	D-230	R-196	9	D-56	R-40	
1917-1919	D (Wilson)	65th	D-216	R-210	6	D-53	R-42	
1919-1921	D (Wilson)	66th	R-240	D-190	3	R-49	D-47	
1921-1923	R (Harding)	67th	R-301	D-131	1	R-59	D-37	
1923-1925	R (Coolidge)	68th	R-225	D-205	3	R-51	D-43	2
1925-1927	R (Coolidge)	69th	R-247	D-183	4	R-56	D-39	1
1927-1929	R (Coolidge)	70th	R-237	D-195	3	R-49	D-46	1
1929-1931	R (Hoover)	71st	R-267	D-167	1	R-56	D-39	1
1931-1933	R (Hoover)	72d	D-220	R-214	1	R-48	D-47	1
1933-1934	D (F. Roosevelt)	73d	D-310	R-117	5	D-60	R-35	1
1935-1936	D (F. Roosevelt)	74th	D-319	R-103	10	D-69	R-25	2
1937-1938	D (F. Roosevelt)	75th	D-331	R-89	13	D-76	R-16	4
1939-1941	D (F. Roosevelt)	76th	D-261	R-164	4	D-69	R-23	4
1941-1942	D (F. Roosevelt)	77th	D-268	R-162	5	D-66	R-28	2
1943-1944	D (F. Roosevelt)	78th	D-218	R-208	4	D-58	R-37	1
1945-1946	D (F. Roosevelt)	79th	D-242	R-190	2	D-56	R-38	1
	D (Truman)							
1947-1948	D (Truman)		R-245	D-188	1	R-51	D-45	
1949-1950	D (Truman)	81st	D-263	R-171	1	D-54	R-42	
1951	D (Truman)	82d	D-234	R-199	2	D-48	R-47	1

Source: Party affiliation of The President: U. S. Congress, Clerk of the House; *Platforms of Two Great Political Parties, 1932 to 1944*. Other data: Tabulations of Library of Congress, Legislative Reference Service, *Political Trends—Both Houses of Congress—1789-1944*; and *Congressional Directory*.

NO. 354.—CONGRESSIONAL BILLS, ACTS, AND RESOLUTIONS: 1937 TO 1951

[Excludes simple and concurrent resolutions. See also *Historical Statistics*, series P 40-44 and P 47]

ITEM	75th Cong.	76th Cong.	77th Cong.	78th Cong.	79th Cong.	80th Cong.	81st Cong.	82d Cong. ¹
Period of session	1937-1938	1939-1941	1941-1942	1943-1944	1945-1946	1947-1948	1949-1950	1951
Measures introduced, total	16,156	16,105	11,334	8,334	10,330	10,797	14,988	8,670
Bills	15,120	15,174	10,793	7,845	9,748	10,108	14,219	8,215
Joint resolutions	1,036	931	541	489	582	689	769	454
Measures enacted, total	1,759	1,662	1,485	1,157	1,625	1,363	2,024	666
Public	919	1,005	850	568	733	906	921	255
Private	840	657	635	589	892	457	1,103	411

¹ First session.

Source: U. S. Congress, *Calendars of the U. S. House of Representatives and History of Legislation*, and tabulations of Library of Congress Legislative Reference Service.

NO. 355.—CONGRESSIONAL BILLS VETOED: 1913 TO 1951

[See also *Historical Statistics*, series P 32-37]

PERIOD	President	VETOED BILLS			Vetoes sustained	Bills passed over veto
		Total	Regular	Pocket		
1913-1921	Wilson	44	33	11	38	6
1921-1923	Harding	6	5	1	6	
1923-1925	Coolidge	50	20	30	46	4
1925-1929	Hoover	37	21	16	34	3
1933-1946	F. Roosevelt	631	371	260	622	9
1945-1951	Truman	241	175	66	230	11

Source: U. S. Congress, Senate Library, *Veto Messages . . . 1889-1948*; U. S. Congress, *Calendars of the U. S. House of Representatives and History of Legislation*.

14. Federal Government Finances and Employment

(Sent to print March 19, 1952)

The Government's proposed budget for the ensuing fiscal year is transmitted to the Congress by the President in January, and contains the President's recommendations for budget appropriations and other authorizations for the maintenance of the various departments and establishments. It includes estimates to carry out both existing laws and proposed legislation. Data from *The Budget of the United States Government* for the fiscal year ending June 30, 1953, are presented in tables 358-363. The Treasury Department publishes a *Digest of Appropriations* each year, which summarizes appropriation legislation enacted by the Congress, and also publishes yearly the *Combined Statement of Receipts, Expenditures and Balances*, an abstract of the Treasury books relating to all of the receipt and appropriation accounts of the Government.

The day-to-day financial operations of the Federal Government are reflected in the *Daily Statement of the United States Treasury*, which covers all of the receipts and expenditures of the Government, including those arising under public debt operations, and also exhibits a *Statement of the Public Debt*, as of the end of the month on the first working day of the next month. The *Treasury Bulletin*, a monthly publication, contains analytical material on fiscal operations and related Treasury activities. The *Annual Report of the Secretary of the Treasury* is a convenient summary of yearly data relating to somewhat broader fields, and, in addition, contains texts of most of the public documents relating to fiscal policy and operations. The *Annual Report of the Commissioner of Internal Revenue* gives a detailed account of tax collections by kind of tax and by geographic area.

Two other special aspects of Federal finances are presented in the Treasury Department's *Circulation Statement of United States Money* (monthly) and *Prices and Yields of Public Marketable Securities* . . . (monthly). See tables 438, 439, and 497.

Data from income tax returns are compiled by the Bureau of Internal Revenue of the Treasury Department. This Bureau's annual report, *Statistics of Income, Part 1*, is compiled from data reported on individual income tax returns, taxable fiduciary income tax returns, Federal estate tax returns, and gift tax returns. *Statistics of Income, Part 2*, also published annually, presents data from corporation income and declared value excess-profits tax returns, corporation excess-profits tax returns, and personal holding company returns. See tables 369-382, 520, 522, 523, and 530.

Federal employment figures are compiled primarily by the Civil Service Commission. The figures are issued by that agency in its regular *Annual Report* and in its *Monthly Report on Employment*. The Commission also publishes an annual report on the pay of Federal employees entitled *Pay Structure of the Federal Civil Service*. Data on Federal employment and pay are also issued by the Bureau of Labor Statistics in its *Monthly Labor Review*.

ACCOUNTS THROUGH WHICH TREASURY OPERATIONS ARE EFFECTED

All receipts of the Government are covered into the general fund of the Treasury, from which all expenditures are made. Receipts and expenditures are classified in the Treasury's records according to the class of accounts through which operations are effected. Transactions are segregated in order to exhibit separately those effected through general and special accounts, as contrasted with those effected through trust accounts. A brief description of the items handled through these accounts is as follows:

1. **General accounts.**—Money represented in the general accounts may be withdrawn from the Treasury only in pursuance of appropriations made by Congress. The principal sources of general account receipts are income taxes, miscellaneous internal revenue, social security taxes, taxes upon carriers and their employees, customs duties, and miscellaneous receipts, such as proceeds from the sale of surplus property.

2. Special accounts.—Receipts in these accounts are generally funds received under special authorization of law which may be expended only for the particular purposes specified therein, and not for general purposes. The larger items are those receipts for the reclamation fund, Alaska Railroad fund, and receipts under the Mineral Leasing Act, under the Department of the Interior, and the national forest funds, under the Department of Agriculture.

3. Trust accounts.—Trust account receipts are those received for the benefit of individuals or groups of individuals and are to be used for the purposes specified in the trust, and are not, therefore, available for general expenditures. An example of a trust account is the Federal old-age and survivors insurance trust fund, to which amounts equivalent to the receipts from the taxes on employment levied for the support of old-age benefits are automatically appropriated.

BASIS OF TABLES

A number of different bases are used in compiling data relating to Federal finances, as explained below, and the basis used is noted at the head of each table.

Daily Treasury Statement.—Most tables at present dealing with Federal fiscal affairs are compiled on the basis of the *Daily Treasury Statement*. This statement is compiled from the latest daily financial reports received from Government depositaries and Treasury offices holding Government funds, and, because of the promptness with which the information is obtained and made public, it has come into general use as reflecting the Government's finances and the condition of the Treasury from day to day. Effective with the beginning of the fiscal year 1947 expenditures of several departments and establishments serviced by the Division of Disbursement, Treasury Department, are reported in the *Daily Treasury Statement* on the basis of checks issued. A clearing account is provided to take care of outstanding checks. Beginning July 1, 1948, such expenditures are reported as of the day on which checks are issued in payment of obligations, through the use of teletype facilities.

Other tables are on bases reflecting the accounts or statistics of the various Treasury offices compiling them for the definite period under review. Such other bases are the following:

Public debt accounts.—Tables on this basis reflect the audited accounts of the Bureau of the Public Debt for the actual transactions of the period under review.

Warrants issued.—Warrants issued (receipts) by the Secretary of the Treasury for certain moneys (primarily revenues and miscellaneous receipts) received by the Treasurer of the United States, represent, as provided by law, the formal covering of receipts into the Treasury. All certificates of deposit for a particular fiscal year must have reached the Treasury before total receipts can be compiled on a warrants-issued basis. Warrants issued (expenditures) by the Secretary of the Treasury represent charges against appropriations provided by law. Certain moneys are disbursed by the Treasurer of the United States upon such warrants. Some warrants do not represent actual payments to claimants but are merely advances of funds to disbursing officers for the payment of Government obligations. Expenditures compiled on this basis necessarily include unexpended balances to the credit of disbursing officers.

Checks issued.—This basis, more than any other, reflects the real expenditures of the Government since it relates to expenditures made on the basis of checks drawn by disbursing officers.

Collection basis.—Statements showing receipts on this basis are compiled from reports received by the various administrative offices from collecting officers in the field, such as actual collections recorded on their books by collectors of internal revenue and collectors of customs but without regard to the time of deposit of such collections to the credit of the Treasurer. Deposits of income taxes and social security taxes withheld by employers, which are made directly with depositaries and not

recorded by collectors of internal revenue until quarterly tax returns are filed, are included in statements of receipts on a collection basis as receipts of the Secretary of the Treasury in the fiscal year in which deposited and as receipts of the collectors in the fiscal year in which returns are filed.

Further details with respect to Treasury accounting bases and procedures are shown on pages 675-678 of the *Annual Report of the Secretary of the Treasury* for the fiscal year 1951.

Public and private debt.—Data from a special study on debt by the Office of Business Economics of the Department of Commerce are presented in this section. (See table 384.) These data are published annually in the *Survey of Current Business*.

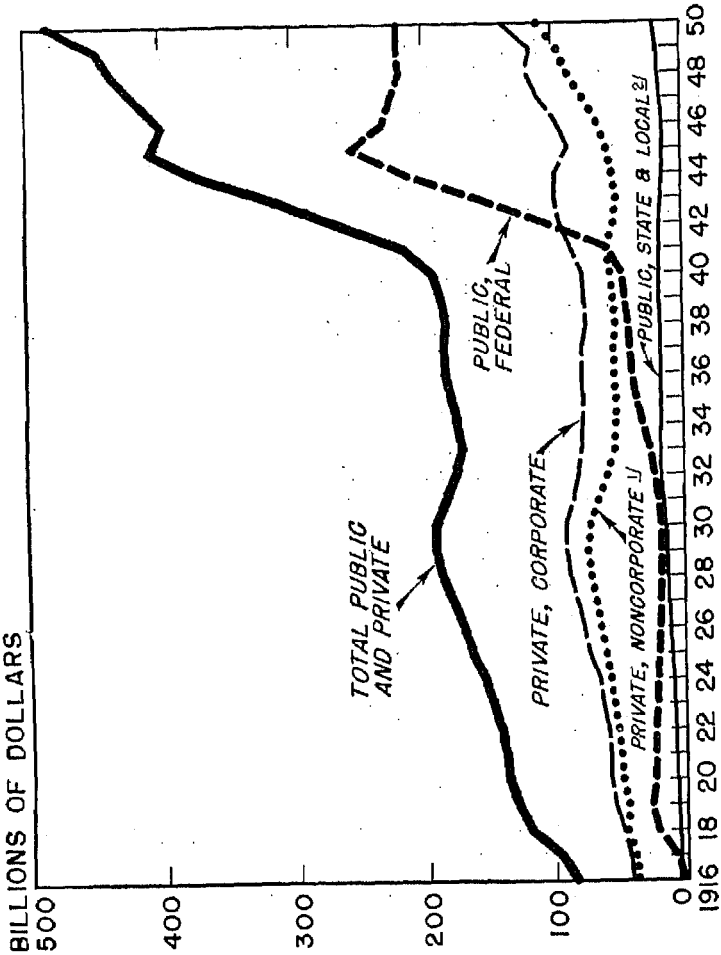
Gross debt, as defined in this study, consists of all classes of legal indebtedness except the following: (1) Deposit liability of banks and the amount of bank notes in circulation; (2) value of outstanding policies and annuities of life insurance carriers; (3) short-term debts among individuals and unincorporated nonfinancial business firms; and (4) nominal debt of corporations, such as bonds which are authorized but unissued or outstanding but reacquired.

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 sectors of the economy: (1) Federal Government and its corporations and agencies generally; (2) State and local governments treated as a single entity; and (3) within the corporate area, those affiliated but legally distinct corporations which operate under a single management, treated here as a unit. In the noncorporate private area, data are gross throughout with no adjustments for duplications.

The net debt concept for each of the four sectors can be summarized as follows: Federal Government net debt is that owed to all other sectors of the economy except the Federal Government proper and its corporations and agencies; State and local government net debt is that owed to all other economic entities except State and local governments; corporate net debt is that owed to all other entities (including corporations) except to corporate members of an affiliated system; and private noncorporate net (or gross) debt is summation of all forms of legal indebtedness except that among individuals and unincorporated nonfinancial business firms. Data represent balances of debts outstanding at end of calendar years, except data for State and local governments which are for June 30 of each year.

Historical statistics.—See preface and historical appendix. Tabular headnotes (as "See also *Historical Statistics*, series P 109) provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*.

FIG. XVII.—NET PUBLIC AND PRIVATE DEBT, BY MAJOR COMPONENTS: 1916 TO 1950
[See table 384]



¹ Data represent individual and noncorporate private debt.
² Data are for June 30 of each year.
Source: Department of Commerce, Office of Business Economics.

RECEIPTS

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No. 356.—RECEIPTS AND SURPLUS OR DEFICIT OF THE FEDERAL GOVERNMENT: 1789 to 1951

[In thousands of dollars. On basis of warrants issued through 1915, thereafter on basis of daily Treasury statements except as noted. General, special, emergency, and trust accounts combined through 1930; thereafter, trust accounts excluded. For explanation of bases and accounts, see general note, p. 301. See also *Historical Statistics*, series P 89-98]

YEARLY AVERAGE OR YEAR ENDING JUNE 30—	RECEIPTS							Surplus (+) or deficit (—), re- ceipts com- pared with expendi- tures
	Net ¹	Total ²	Customs ³	Internal revenue		Sales of public lands ⁴	Other receipts	
				Income and profits taxes	Other			
1789-1800 ⁵	5,717	5,717	5,020		6375	69	313	—59
1801-1810 ⁷	13,056	13,056	12,046		201	457	352	+3,970
1811-1820 ⁷	21,032	21,032	16,383		1,546	1,624	1,481	+2,911
1821-1830 ⁷	21,923	21,923	19,852		32	1,389	650	+5,761
1831-1840 ⁷	30,461	30,461	20,470		5	7,452	2,533	+5,966
1841-1850 ⁷	28,545	28,545	25,649			61	809	—5,553
1851-1860	60,237	60,237	54,498			4,583	1,157	+74
1861-1865	160,907	160,907	68,989	8 28,005	6 54,566	555	19,994	—522,378
1866-1870	447,301	447,301	178,903	50,604	171,316	2,110	44,368	+69,659
1871-1875	336,830	336,830	186,200	7,760	112,217	2,223	28,420	+49,370
1876-1880	288,124	288,124	146,504	(⁶)	116,697	1,025	23,808	+32,526
1881-1885	366,961	366,961	201,063	10 29	132,102	6,086	26,799	+109,270
1886-1890	375,448	375,448	216,557		126,683	8,097	24,111	+66,314
1891-1895	352,891	352,891	176,861	11 77	150,228	2,650	23,136	—10,708
1896-1900	434,877	434,877	185,089		206,622	1,526	41,639	—22,574
1901-1905	550,481	550,481	260,117		255,374	5,670	38,321	+23,022
1906-1910	628,508	628,508	310,599	12 20,952	267,146	7,310	49,265	+10,670
1911-1915	710,227	710,227	280,363	49,738	307,116	3,755	60,256	—10,025
1916-1920	3,483,653	3,483,653	226,301	1,952,471	893,212	1,813	410,855	—4,581,680
1921-1925	4,306,673	4,306,673	464,027	2,111,093	1,062,604	846	678,104	+727,684
1926-1930	4,069,138	4,069,138	588,636	2,224,537	671,331	404	584,140	—886,331
1931-1935	2,770,073	2,838,216	322,729	1,116,203	1,186,498	138	212,648	—2,443,900
1936-1940	5,035,444	5,442,480	379,957	2,108,871	2,740,862	121	212,669	—3,231,753
1941-1945	26,155,670	27,653,194	378,227	19,470,335	6,146,815	136	1,657,680	—38,086,851
1946-1950	39,514,133	43,785,853	431,682	20,821,258	10,438,566	(13)	13,094,346	—3,287,291
1933	2,021,213	2,079,697	250,750	746,206	858,218	103	224,420	—2,601,652
1934	3,064,268	3,115,564	313,434	817,961	1,822,642	99	161,417	—3,629,632
1935	3,729,914	3,800,467	343,353	1,099,119	2,178,571	87	179,337	—2,791,052
1936	4,068,937	4,115,967	386,812	1,426,575	2,086,276	74	216,219	—4,424,549
1937	4,978,601	5,293,590	480,357	2,163,414	2,433,726	71	210,022	—2,777,421
1938	5,761,624	6,241,661	359,187	2,640,285	3,034,034	66	208,060	—1,176,617
1939	5,103,397	5,667,824	318,837	2,188,757	2,972,464	248	187,517	—3,862,158
1940	5,264,663	5,893,368	348,591	2,125,325	3,177,809	117	241,526	—3,918,019
1941	7,227,281	7,905,612	391,870	3,469,638	3,892,037	178	241,888	—6,150,272
1942	12,696,286	13,076,080	388,948	7,960,465	5,032,653	90	294,525	—21,490,243
1943	22,201,502	23,402,322	324,291	16,093,069	6,060,300	129	933,933	—57,420,330
1944	43,891,073	45,441,049	341,262	34,654,852	7,030,135	99	3,424,711	—51,423,393
1945	44,761,609	47,760,306	354,776	35,173,051	8,728,061	184	3,493,345	—53,940,916
1946	40,026,880	44,238,135	435,475	30,884,796	9,425,537	127	3,492,200	—20,676,171
1947	40,042,006	44,505,189	494,078	29,305,508	10,073,840	143	4,634,559	—4753,788
1948	42,210,770	46,098,807	421,723	31,170,968	10,682,517	214	3,823,385	+8,410,470
1949	38,245,668	42,773,506	384,465	29,482,284	10,825,001	(15)	12,081,736	—1,811,440
1950	37,044,734	41,310,628	422,650	28,262,671	11,185,936	(15)	11,439,370	—3,122,102
1951	48,142,605	53,368,672	624,008	37,762,554	13,363,541	(15)	11,638,569	+3,509,783

¹ Net receipts equal total receipts less (a) appropriations to Federal old-age and survivors insurance trust fund beginning 1937 and (b) refunds of receipts beginning 1931.

² Figures adjusted beginning 1931 on account of refunds of receipts and capital transfers.

³ Includes tonnage tax prior to 1932. Beginning 1932, tonnage tax is included in other receipts.

⁴ On basis of warrants issued 1789 through 1930; thereafter, on basis of checks issued.

⁵ Average for period Mar. 4, 1789, through Dec. 31, 1800.

⁶ Averages are for entire period though there were no amounts under these items for certain years.

⁷ Years ending Dec. 31, 1801 to 1842; average for 1841-50 is for period Jan. 1, 1841, through June 30, 1850.

⁸ Average for 1863-65.

⁹ Less than \$500.

¹⁰ Average for 1881 and 1884.

¹¹ One year only, 1895.

¹² One year only, 1910.

¹³ Sales of public lands included in other receipts.

Source: Treasury Department, *Annual Report of the Secretary*; annual and current data published in *Daily Statement of the U. S. Treasury*.

No. 357.—EXPENDITURES AND GROSS DEBT OF THE FEDERAL GOVERNMENT: 1789 TO 1951

[See headnote, table 356. See also *Historical Statistics*, series P 99-107 and P 132-133]

YEARLY AVERAGE OR YEAR ENDING JUNE 30—	EXPENDITURES (thousands of dollars)							GROSS DEBT ¹	
	Total ¹	Department of Army and Air Force ²	Department of Navy ²	Indians ³	Veterans' pensions ³	Interest on the public debt	All other ⁴	Amount (millions of dollars)	Per capita (dollars)
1789-1800 ⁵	5,776	1,464	745	27	82	2,629	820	83	15.87
1801-1810 ⁵	9,086	1,632	1,637	164	79	3,704	1,871	63	7.46
1811-1820 ⁵	23,943	10,742	4,676	317	741	4,877	2,589	91	9.58
1821-1830 ⁵	16,162	3,919	3,295	590	1,248	3,956	3,145	49	3.83
1831-1840 ⁵	24,495	8,321	5,042	2,612	2,572	331	5,616	4	.21
1841-1850 ⁵	34,097	13,491	7,619	1,458	1,790	1,701	8,039	63	2.77
1851-1860 ⁵	60,163	15,784	11,997	3,267	1,531	2,776	24,807	65	2.96
1861-1865 ⁵	683,785	547,753	65,330	3,203	4,858	34,001	28,040	2,678	75.01
1866-1870 ⁵	377,642	127,816	28,383	4,488	23,428	135,441	58,087	2,436	61.06
1871-1875 ⁵	287,460	40,186	23,327	7,504	30,166	111,580	74,090	2,156	47.84
1876-1880 ⁵	255,598	37,170	15,990	5,405	35,051	100,191	61,791	2,091	41.60
1881-1885 ⁵	257,691	43,010	15,863	7,328	57,790	63,742	60,958	1,579	27.80
1886-1890 ⁵	270,134	40,085	17,872	6,429	82,657	44,027	88,064	1,122	17.84
1891-1895 ⁵	363,599	50,326	20,185	10,651	140,186	20,402	103,849	1,097	15.76
1896-1900 ⁵	457,451	111,278	48,086	11,832	141,642	38,164	106,450	1,293	18.60
1901-1905 ⁵	535,559	133,362	86,287	11,711	140,114	27,849	136,236	1,132	13.51
1906-1910 ⁵	630,178	190,050	112,872	15,338	151,329	22,073	167,916	1,147	12.41
1911-1915 ⁵	720,253	198,792	134,062	20,744	164,897	22,519	179,239	1,191	11.85
1916-1920 ⁵	8,065,333	3,212,420	882,132	30,833	187,143	375,371	3,377,434	24,299	228.23
1921-1925 ⁵	3,578,989	540,176	427,748	42,125	244,784	973,606	1,850,460	20,516	177.12
1926-1930 ⁵	3,182,807	404,999	340,343	37,676	223,507	737,680	1,438,602	16,185	131.51
1931-1935 ⁵	5,214,874	458,730	358,770	25,384	279,008	695,549	3,397,430	23,701	225.55
1936-1940 ⁵	8,267,197	698,674	640,179	36,795	408,758	904,707	5,569,085	42,968	326.23
1941-1945 ⁵	64,242,521	32,143,689	17,673,156	30,207	614,797	2,080,921	11,799,750	258,682	1,848.60
1946-1950 ⁵	42,801,425	12,744,084	6,722,097	(?)	(?)	5,196,058	18,139,185	257,367	1,606.61
1933 ⁶	4,622,865	434,621	349,373	22,722	234,990	680,365	2,891,734	22,530	179.48
1934 ⁶	6,693,900	408,587	295,927	23,373	319,322	756,617	4,889,073	27,053	214.07
1935 ⁶	6,520,966	487,905	436,266	27,919	373,805	820,926	4,374,055	28,701	225.55
1936 ⁶	8,493,486	618,587	528,882	28,876	399,066	749,307	6,168,678	33,770	263.70
1937 ⁶	7,756,021	628,104	556,674	36,933	390,407	866,384	5,271,879	36,425	282.75
1938 ⁶	6,938,240	644,264	590,130	33,378	402,779	926,281	4,335,409	37,105	286.27
1939 ⁶	8,965,555	695,256	672,722	46,964	416,721	940,540	6,193,351	40,440	308.28
1940 ⁶	9,182,682	907,100	891,485	37,821	429,178	1,040,936	6,876,103	42,968	326.23
1941 ⁶	13,386,554	3,938,943	2,313,058	33,588	433,148	1,110,693	5,557,124	48,961	367.09
1942 ⁶	34,180,529	14,325,508	5,679,589	31,839	431,294	1,260,085	9,558,213	72,422	537.13
1943 ⁶	79,621,932	42,525,553	20,885,349	24,665	442,394	1,808,160	13,932,801	136,696	996.83
1944 ⁶	95,315,065	49,438,380	20,537,634	31,266	494,950	2,608,980	16,203,896	201,013	1,432.44
1945 ⁶	98,702,625	50,490,102	30,047,162	29,680	772,190	3,616,686	13,746,718	258,682	1,848.60
1946 ⁶	60,703,000	27,986,769	15,164,412	35,495	1,261,415	4,721,658	11,533,010	269,422	1,906.42
1947 ⁶	30,283,819	9,172,139	5,697,203	37,369	1,929,226	4,957,922	17,694,059	258,280	1,792.05
1948 ⁶	33,791,301	7,958,556	4,284,619	41,147	2,080,130	5,211,102	14,475,746	252,292	1,720.71
1949 ⁶	40,057,108	9,552,868	4,434,706	(?)	(?)	6,339,396	20,730,148	262,770	1,694.75
1950 ⁶	40,166,830	9,310,100	4,129,646	(?)	(?)	5,740,913	20,977,277	257,357	1,696.61
1951 ⁶	44,632,822	14,958,778	5,862,702	(?)	(?)	5,612,655	18,198,687	255,222	1,653.37

¹ Excludes debt retirements and beginning 1931, refunds of receipts and capital transfers.

² Excludes civil expenditures under War and Navy Depts. in Washington through 1915. Subsequent to 1915 includes all expenditures made by Dept. of Army (including rivers and harbors and Panama Canal) and Dept. of Navy. Dept. of Army includes expenditures of Dept. of Air Force from funds made available prior to 1949. Expenditures of Dept. of Air Force for 1949 were \$1,690,461,000, for 1950, \$3,520,633,000, and for 1951, \$5,358,041,000.

³ On basis of warrants issued through 1930; thereafter, on basis of checks issued. Expenditures for Indians exclude interest accounts, which are included in trust fund expenditures beginning 1940. Veterans' pensions represent expenditures under appropriation "Army and Navy pensions," administered by Veterans' Administration.

⁴ Includes civil expenditures under War and Navy Depts. in Washington through 1915, expenditures of Office of Secy. of Defense, unavailable funds charged off under Act of June 3, 1922, expenditures for "Govt. corporations (wholly owned), etc. (net)" beginning 1932, and expenditures for Indians and veterans' pensions beginning 1949.

⁵ Represents gross debt as of end of each period; e.g., 1800, 1810, etc.

⁶ Years ending Dec. 31 through 1842; average for 1789-1800 begins Mar. 4, 1789; average for 1841-50 is for Jan. 1, 1841-June 30, 1850. See note 5 concerning gross debt. ⁷ Included in all other.

⁸ For comparability with earlier years, all transactions relating to Foreign Economic Cooperation Trust Fund (amounting to \$3,000,000,000) have been consolidated with budget expenditures.

⁹ Beginning 1951, investments of wholly owned Government corporations in public debt securities are excluded from budget expenditures.

Source: Treasury Department, *Annual Report of the Secretary*; annual and current data published in *Daily Statement of the U. S. Treasury*.

No. 358.—FEDERAL GOVERNMENT EXPENDITURES BY ORGANIZATION UNIT: 1944 to 1951

[In millions of dollars. For years ending June 30. Expenditures reported on a checks-issued basis, adjusted in total to daily Treasury statement basis (which is partly checks issued and partly checks paid). "Budget" receipts, expenditures, and authorizations, as used in this and following tables, are mainly those of general and special accounts. Two important exceptions are appropriations from general fund to Federal old-age and survivors trust fund and refunds of receipts, both of which are excluded from expenditures and deducted from receipts. Budget expenditures also include net transactions (expenditures minus receipts) of wholly owned Government corporations and enterprises; omitted from both expenditures and receipts are transfers of capital between wholly owned Government corporations and the United States Treasury, and debt transactions of Government enterprises (expenditures from public debt authorizations are included; see also table 361). Figures in early years have not been revised to reflect recent changes in organizational structure]

DESCRIPTION OR ORGANIZATION UNIT	1944	1945	1946	1947	1948	1949	1950	1951
Total budget expenditures	95,815	98,703	60,703	39,289	33,791	40,087	40,156	44,633
Legislative branch.....	29	31	22	40	43	47	57	61
The Judiciary.....	13	13	15	17	20	21	24	26
Executive Office of the President.....	472	408	196	29	8	8	8	9
Funds appropriated to the President ¹			5	47	164	4,044	3,627	4,158
Independent offices:								
Atomic Energy Commission.....				170	466	621	550	897
Civil Service Commission.....	105	218	265	237	261	244	323	324
Export-Import Bank of Washington.....	(4)	(4)	567	937	460	577	49	76
General Accounting Office.....	27	32	39	40	34	35	35	32
National Advisory Committee for Aeronautics.....	30	33	32	35	38	49	54	62
Philippine War Damage Commission.....				3	36	170	186	87
Railroad Retirement Board.....	280	324	308	316	778	594	596	614
Reconstruction Finance Corporation.....	2,434	184	287	282	155	355	557	592
Tennessee Valley Authority.....	67	26	7	7	34	27	19	72
United States Maritime Commission.....	5,778	5,540	1,785	614	292	133	(5)	(5)
Veterans Administration.....	744	2,094	4,411	7,325	6,474	6,557	6,026	5,389
War Assets Administration.....	6	12	98	421	287			
Other independent offices.....	321	305	247	183	78	223	87	97
Federal Security Agency.....	777	750	743	928	1,028	1,313	1,443	1,571
Federal Works Agency.....	369	280	214	347	458			
General Services Administration.....						508	574	840
Housing and Home Finance Agency.....	133	200	168	225	74	77	315	461
Department of Agriculture.....	2,825	2,205	1,307	1,627	1,225	2,750	2,956	884
Department of Commerce.....	218	152	126	104	173	662	863	803
Department of Defense:					(1)	7	199	362
Office of the Secretary of Defense.....								
Department of the Air Force.....	12,949	11,030	4,276	800	1,124	1,800	3,000	6,349
Department of the Army:								
Military functions.....	36,340	38,658	22,818	7,222	5,671	5,615	3,985	7,477
Civil functions.....	193	150	221	794	1,486	2,121	1,353	994
Department of the Navy.....	26,290	29,662	14,503	5,760	4,297	4,442	4,102	5,583
Department of the Interior.....	184	201	210	273	340	485	568	587
Department of Justice.....	114	104	104	113	118	120	131	151
Department of Labor.....	13	14	82	112	86	15	257	233
Post Office Department (general fund).....	28	16	169	246	307	534	593	626
Department of State.....	58	77	168	318	676	317	361	281
Treasury Department:								
Interest on public debt.....	2,610	3,022	4,747	4,058	5,188	5,352	5,720	5,615
Other.....	2,216	2,440	1,830	4,476	2,390	734	676	748
District of Columbia (United States share).....	6	6	6	8	12	12	12	11
Adjustment to daily Treasury statement basis.....	-357	+255	+1,077	+306	-388	+272	+330	-705
Total trust account expenditures	3,177	1,092	4,566	3,984	3,750	3,899	6,948	7,364
Unemployment trust fund: Withdrawals by States and other expenditures.....	61	71	1,146	869	850	1,327	2,018	898
Fed. old-age and survivors insurance trust fund: Benefit payments and administrative expenses.....	217	267	358	466	550	660	783	1,598
Railroad retirement account: Benefit payments and other expenditures.....	134	141	162	173	222	278	304	321
Veterans' life insurance funds: Insurance losses and refunds.....	65	153	330	349	377	393	3,101	691
Federal employees' retirement funds: Annuities and refunds.....	103	151	266	323	244	221	208	270
Other trust accounts: Misc. trust expenditures.....	259	446	1,708	685	509	348	348	257
Deposit funds.....	508	1,669	647	372	175	433	62	541
Sales and redemptions of obligations of Government corporations and credit agencies in the market (net).....	2,874	1,558	95	350	107	74	(5)	(5)
Adjustment to daily Treasury statement basis.....	-28	-21	-136	+388	+915	+165	+68	+190

¹ Excludes transfer of \$3 billion of 1948 surplus to foreign economic cooperation trust fund for expenditure in 1949.
² Excludes \$1,036,000 representing net purchases of United States securities which is included in Treasury totals (see table 357).

³ Other expenditures are shown under various agencies to which funds are allocated.

⁴ Less than \$600,000. ⁵ Deduct. ⁶ Included with Department of Commerce.

⁷ Includes transactions of mixed-ownership corporations of \$290,515,000 (net) which are shown separately in the Daily Treasury Statement.

⁸ Since 1950, sales and redemptions of obligations of wholly-owned Government corporations have been excluded from this table.

Source: Bureau of the Budget; *Budget of the United States Government*.

No. 359.—RECEIPTS FROM AND PAYMENTS TO THE PUBLIC BY THE FEDERAL GOVERNMENT: 1929 TO 1951

[In billions. For years ending June 30. Receipts from and payments to public exclude intragovernmental financial transactions but include operations of trust accounts as well as budget accounts of Federal Government. This table therefore shows flow of money on cash basis between Federal Government as a whole and the public. Net borrowing or repayment of borrowing from the public excludes borrowing by Treasury from Federal trust accounts and Government corporations, and also excludes certain types of public debt transactions like issuance and redemption of armed forces leave bonds. The public is defined to include individuals; banks (including Federal Reserve and Postal Savings System); businesses; private corporations; State, local and foreign governments; and international organizations. For additional explanation, see 1953 Budget, pp. 1141-1142, headnote to table 358, and general note, p. 301]

YEAR	Receipts from the public ¹	Payments to the public ¹	Excess of receipts from (+) or payments to (-) the public	Receipts from exercise of monetary authority ²	Excess of Treasury cash income (+) or outgo (-) ³	Decrease (+) or increase (-) in Treasury cash balance	Decrease (+) or increase (-) in Exchange Stabilization Fund balance	Net borrowing (-) or repayment of borrowing (+) from the public
	(1)	(2)	(3) = (1) - (2)	(4)	(5) = (3) + (4)	(6)	(7)	(8) = (5) + (6) + (7)
1929-----	\$3.8	\$2.9	+\$0.9	(⁴)	+\$0.9	-\$0.1	-----	+\$0.8
1930-----	4.0	3.1	+ .9	(⁴)	+ .9	(⁴)	-----	+ .9
1931-----	3.2	4.1	-1.0	(⁴)	-1.0	- .2	-----	-1.1
1932-----	2.0	4.8	-2.7	(⁴)	-2.7	+ .1	-----	-2.7
1933-----	2.1	4.7	-2.6	(⁴)	-2.6	- .4	-----	-3.0
1934-----	3.1	6.5	-3.3	\$2.8	- .5	-1.7	-\$2.0	-4.2
1935-----	3.8	6.3	-2.4	.2	-2.2	+ .7	-----	-1.5
1936-----	4.2	7.0	-3.5	.2	-3.2	- .8	-----	-4.1
1937-----	5.6	8.4	-2.8	.1	-2.7	+ .1	-----	-2.6
1938-----	7.0	7.2	- .1	.1	(⁴)	+ .3	-----	+ .3
1939-----	6.6	9.4	-2.9	.1	-2.7	- .6	-----	-3.4
1940-----	6.9	9.6	-2.7	.1	-2.6	+ .9	-----	-1.7
1941-----	9.2	14.0	-4.8	.1	-4.7	- .7	-----	-5.4
1942-----	15.1	34.5	-19.4	.1	-19.3	- .4	-----	-19.7
1943-----	25.1	78.9	-53.8	.1	-53.7	-6.5	-----	-60.2
1944-----	47.8	94.0	-46.1	(⁴)	-46.1	-10.7	-----	-60.8
1945-----	50.2	95.2	-45.0	.1	-44.9	-4.5	-----	-49.5
1946-----	43.5	61.7	-18.2	.3	-17.9	+10.5	-----	-7.4
1947-----	43.5	36.9	+6.6	.1	+6.7	+10.9	+1.8	+10.4
1948-----	46.4	36.5	+8.9	(⁴)	+8.9	-1.6	-----	+7.3
1949-----	41.5	40.6	+1.0	(⁴)	+1.0	+1.5	-----	+2.5
1950-----	40.9	43.2	-2.2	(⁴)	-2.2	-2.0	-----	-4.2
1951-----	53.4	45.8	+7.6	(⁴)	+7.6	-1.8	-----	+5.8

¹ Net of refunds of receipts.

² Consists of the increment resulting from reduction in weight of the gold dollar and the seigniorage on silver.

³ Comparable to "net cash operating income or outgo" currently published in monthly *Treasury Bulletin*.

⁴ Less than \$50 million.

Sources: Bureau of the Budget; *Budget of the United States Government*.

No. 360.—BUDGET RECEIPTS AND EXPENDITURES OF THE FEDERAL GOVERNMENT, BY FUNCTION: 1944 TO 1951

[In millions of dollars. For years ending June 30. For explanation of terms, see general note, p. 301, and headnote to table 358]

SOURCE AND FUNCTION	1944	1945	1946	1947	1948	1949	1950	1951
Excess of budget expenditures.....	51,423	53,041	20,676	-----	-----	1,811	3,111	-----
Excess of budget receipts.....	-----	-----	-----	754	8,419	-----	-----	3,510
Total budget receipts.....	43,892	44,762	40,027	40,043	42,211	38,246	37,045	48,143
Total budget expenditures ¹	95,315	98,703	60,703	39,289	33,791	40,057	40,156	44,633
Budget receipts, total.....	43,892	44,762	40,027	40,043	42,211	38,246	37,045	48,143
Direct taxes on individuals.....	20,290	19,789	10,008	20,408	21,896	18,725	18,115	24,095
Direct taxes on corporations.....	15,256	16,399	12,906	9,670	10,174	11,554	10,854	14,388
Excise taxes.....	4,400	5,934	6,696	9,276	7,402	7,551	7,597	8,693
Employment taxes.....	1,751	1,793	1,714	2,039	2,396	2,487	2,892	3,940
Customs.....	431	355	435	494	422	384	423	624
Miscellaneous receipts.....	3,313	3,480	3,479	4,621	3,800	2,072	1,430	1,629
Deduct:								
Appropriation to Federal old-age and survivors insurance trust fund.....	1,292	1,310	1,238	1,459	1,618	1,690	2,106	3,120
Refunds of receipts (excluding interest).....	257	1,679	2,973	3,006	2,272	2,338	2,150	2,107
Budget expenditures, total¹.....	95,315	98,703	60,703	39,289	33,791	40,057	40,156	44,633
Military services, total.....	83,766	84,570	45,134	14,316	10,963	11,915	12,281	20,462
Direction and coordination of defense.....	-----	-----	-----	-----	1	9	12	37
Air Force defense.....	49,152	40,958	25,302	6,295	21,117	21,764	23,600	26,349
Army defense.....	-----	-----	-----	-----	25,248	25,239	23,982	27,468
Naval defense.....	26,642	30,088	16,764	5,557	4,198	4,377	4,083	5,567
Activities supporting defense.....	7,973	4,523	3,009	3,464	390	535	604	1,040
Veterans' services and benefits, total.....	745	2,096	4,416	7,381	6,653	6,725	6,645	5,339
Veterans' education and training.....	-----	-----	351	2,122	2,506	2,703	2,596	1,943
Other veterans' readjustment benefits.....	-----	9	1,000	1,519	807	631	278	163
Veterans' compensation and pensions.....	495	772	1,261	1,929	2,080	2,154	2,223	2,171
Veterans' insurance and servicemen's indemnities.....	114	1,137	1,395	840	151	95	480	50
Veterans' hospital and medical care.....	101	118	216	461	592	737	764	745
Other services and administration.....	35	58	192	510	518	405	304	266
International security and foreign relations, total.....	245	677	1,463	6,541	4,781	6,459	4,805	4,727
Conduct of foreign affairs.....	97	114	97	118	164	173	233	230
Military and economic assistance.....	147	554	1,367	6,423	4,617	6,286	4,572	4,497
Social security, welfare, and health, total.....	1,013	1,046	1,048	1,314	1,869	1,907	2,214	2,380
Retirement and dependents' insurance.....	282	330	317	306	766	584	592	614
Public assistance.....	436	409	430	653	737	923	1,125	1,187
Aid to special groups.....	32	25	31	115	119	118	139	137
Work relief and direct relief.....	15	4	5	3	8	9	-----	-----
Accident compensation.....	14	15	18	17	15	15	24	27
Promotion of public health.....	152	186	173	146	139	171	242	304
Crime control and correction.....	79	75	73	74	83	88	90	109
Defense community facilities and services.....	2	1	1	-----	-----	-----	-----	-----
Housing and community development, total.....	308	193	199	348	82	282	262	602
Public housing programs.....	538	112	77	413	98	42	57	124
Aids to private housing.....	335	416	531	117	53	312	300	462
Research and other general housing aids.....	4	5	3	13	7	1	2	7
Provision of community facilities.....	101	106	51	39	35	72	2	6
Urban development and redevelopments.....	-----	-----	-----	-----	-----	-----	-----	2
Education and general research, total.....	88	153	85	66	65	75	123	115
Promotion of education.....	27	25	27	34	38	39	41	51
Educational aid to special groups.....	2	2	2	3	3	3	5	6
Library and museum services.....	6	5	6	8	8	9	10	10
General-purpose research.....	54	126	51	22	16	24	68	48
Agriculture and agricultural resources, total.....	1,203	1,602	743	1,243	573	2,512	2,783	650
Stabilization of farm prices and farm income.....	1,114	1,470	452	650	393	1,725	1,844	1,461
Financing farm ownership and operation.....	488	540	252	119	4	65	146	339
Financing rural electrification and rural telephones.....	2	16	68	185	239	305	293	276
Conservation and development of agricultural land and water resources.....	462	325	350	388	285	241	337	346
Research, and other agricultural services.....	117	131	126	140	146	177	103	149

See footnotes at end of table.

310 FEDERAL GOVERNMENT FINANCES AND EMPLOYMENT

NO. 360.—BUDGET RECEIPTS AND EXPENDITURES OF THE FEDERAL GOVERNMENT, BY FUNCTION: 1944 TO 1951—Continued

[In millions of dollars. For years ending June 30]

SOURCE AND FUNCTION	1944	1945	1946	1947	1948	1949	1950	1951
Natural resources, total	333	247	254	628	1,113	1,536	1,624	2,051
Conservation and development of land and water resources.....	256	169	171	343	505	750	884	948
Conservation and development of forest resources.....	36	39	44	53	61	66	78	81
Conservation and development of mineral resources.....	26	23	21	24	33	42	50	50
Conservation and development of fish and wildlife.....	7	8	8	11	12	18	23	26
Recreational use of natural resources.....	5	5	6	12	17	19	24	30
Development and control of atomic energy.....				174	475	622	550	807
Defense production activities.....								2
General resource surveys.....	3	3	4	10	10	13	16	18
Transportation and communication, total	4,306	3,364	786	546	1,213	1,600	1,703	1,685
Promotion of the merchant marine.....	3,885	3,183	375	287	183	124	100	101
Provision of navigation aids and facilities.....	75	63	90	244	222	289	299	301
Provision of highways.....	162	103	87	235	351	453	498	455
Promotion of aviation including provision of airways and airports.....	174	100	67	86	99	143	159	160
Regulation of transportation.....	32	30	22	23	15	15	15	15
Other services to transportation.....	30	145	26	3	34	40	33	20
Postal service (from general fund).....	38	1	161	242	304	530	593	623
Regulation of communication.....	37	31	11	6	6	7	7	7
Finance, commerce, and industry, total	18	236	9	112	132	127	213	176
Promotion or regulation of financial institutions.....	47	61	67	61	16	8	9	9
Promotion or regulation of trade and industry.....	12	13	20	23	23	24	26	26
Business loans and guarantees.....	107	34	183	21	80	83	166	19
War damage insurance.....	90	3	2	1	20			
Promotion of defense production and economic stabilization.....	257	252	186	127	24	28	26	178
Labor, total	225	204	174	194	183	193	262	228
Mediation and regulation of labor relations.....	20	20	17	11	8	12	13	12
Unemployment compensation and placement activities.....	116	120	144	161	156	163	227	189
Labor standards and training.....	84	58	6	12	11	13	15	17
Labor information, statistics, and general administration.....	5	6	7	10	7	5	8	9
Defense production activities.....								1
General government, total	801	781	897	1,283	1,303	1,006	1,094	1,209
Legislative functions.....	18	10	23	28	32	34	39	40
Judicial functions.....	12	12	13	16	18	19	25	28
Executive direction and management.....	67	21	8	7	7	7	7	9
Federal financial management.....	299	322	397	415	416	378	390	413
Other central services.....	91	94	97	505	495	197	155	183
Government payment toward civilian employees' general retirement system.....	176	196	246	221	245	225	303	305
Other general government.....	137	118	111	91	90	146	175	232
Interest, total	2,623	3,662	4,816	5,012	5,248	5,445	5,817	5,714
Interest on the public debt.....	2,610	3,622	4,747	4,958	5,188	5,352	5,720	5,615
Interest on refunds of receipts.....	10	36	66	50	57	87	93	93
Interest on uninvested trust funds.....	3	3	2	5	4	6	4	6
Adjustment to daily Treasury statement basis	-360	+252	+1,077	+305	-388	+272	+330	-705
MEMORANDUM								
Capital transfers from expenditures to receipt accounts.....		16	38	210	263	802	276	208
Refunds of receipts (excluding interest).....	267	1,679	2,973	3,066	2,272	2,838	2,160	2,107
Investments of Government-owned corporations and enterprises in United States securities ¹							11	104

¹ Expenditures for 1949 and prior years include investments in United States securities.

² Expenditures for Army defense include some expenditures for support of the Air Force financed from 1949 and prior year appropriations.

³ Deduct, excess of repayments and collections over expenditures.

Source: Bureau of the Budget; *Budget of the U. S. Government, 1953.*

No. 361.—BUDGET APPROPRIATIONS AND OTHER AUTHORIZATIONS FOR FEDERAL AGENCIES, BY ORGANIZATION UNIT: 1951

[In millions of dollars. For year ending June 30. The Budget total of "new obligational authority" represents total of new authorizations enacted for any fiscal year for Federal agencies to incur obligations. This total includes "net new appropriations," "reappropriations," "contract authorizations," and "authorizations to expend from public debt receipts." "Net new appropriations" represent total of all appropriations less appropriations enacted to liquidate prior year contract authorizations. "Reappropriations" continue available in the succeeding fiscal year the unused balance of an appropriation which would otherwise expire for obligation purposes. "Contract authorizations" permit placement of specific obligations or contracts but require subsequent appropriations to "liquidate" them (i. e., to authorize withdrawal of funds from Treasury in payment of obligations). "Authorizations to expend from public debt receipts" authorize use of proceeds of Treasury borrowing to finance certain types of Government programs. See also general note, p. 301, and headnote to table 358]

ORGANIZATION UNIT	Appropriations	Deduct: appropriations to liquidate contract authorizations	Net appropriations	New contract authorizations	Authorizations to expend from public debt receipts	Re-appropriations	Total new obligational authority
Total ¹	² 81,557	4, 370	77, 187	⁴ 3, 067	⁵ 2, 805	978	⁶ 84, 078
Legislative branch.....	72	4	68	(?)			68
The Judiciary.....	26		26				26
Executive Office of the President.....	9		9				9
Funds appropriated to the President:							
Assistance to the Republic of Korea.....	90		90				90
China aid.....	75		75				75
Expenses of defense production.....	62		62		1, 000		1, 062
Foreign assistance.....	2, 000		2, 000		99	258	2, 327
India emergency food aid.....	100		100				100
International development expenses.....	29		29				29
Mutual defense assistance.....	5, 678	456	5, 222	53		188	5, 463
Relief of Palestine refugees.....	27		27				27
Yugoslav emergency relief assistance.....	38		38				38
Other.....	22		22			1	24
Independent offices:							
Atomic Energy Commission.....	2, 032	414	1, 618	300		57	1, 976
Civil Service Commission.....	325		325				325
Federal Civil Defense Administration.....	32		32				32
Railroad Retirement Board.....	481		481				481
Reconstruction Finance Corporation.....					250		250
Tennessee Valley Authority.....	195		195				195
Veterans' Administration.....	5, 832	160	5, 672		150	(?)	5, 822
Other.....	252	20	232	11		2	243
Federal Security Agency.....	1, 773	126	1, 647	103			1, 750
General Services Administration.....	² 3, 232	266	2, 966	125			3, 091
Housing and Home Finance Agency.....	40	14	26	112	225	(?)	⁶ 374
Department of Agriculture.....	866	(?)	866		511	(?)	⁶ 1, 408
Department of Commerce.....	846	514	332	907		35	1, 274
Department of Defense:							
Military functions.....	48, 244	2, 318	45, 926	1, 418		431	47, 776
Civil functions.....	882		882				882
Department of the Interior.....	629	67	562	36			598
Department of Justice.....	159	1	158	1			159
Department of Labor.....	230		230				230
Post Office Department (general fund).....	624		624				624
Department of State.....	206	11	285			5	290
Treasury Department:							
Interest on the public debt.....	5, 615		5, 615				5, 615
Other.....	⁷ 734		734				734
District of Columbia (Federal contribution).....	11		11				11

¹ As reduced by rescissions pursuant to section 1214 of General Appropriation Act, 1951.

² Refunds of receipts under Renegotiation Act (excluding interest) amounting to \$7 million are deducted.

³ Refunds of receipts (excluding interest) amounting to \$2,131 million are deducted.

⁴ Includes \$103 million of reauthorizations of contract authority.

⁵ Includes \$6 million of reauthorizations to expend from public debt receipts.

⁶ Includes \$42 million of authorizations to expend from corporate debt receipts (\$11 million in Housing and Home Finance Agency and \$31 million in Department of Agriculture).

⁷ Less than \$500,000.

Source: Bureau of the Budget; *Budget of the U. S. Government, 1953.*

No. 362.—FEDERAL EXPENDITURES—INVESTMENT, OPERATING AND OTHER BUDGET EXPENDITURES: 1951 AND 1952

[In millions of dollars. For years ending June 30. Based on existing and proposed legislation]

DESCRIPTION AND CATEGORY	1951 actual	1952 esti- mate	DESCRIPTION AND CATEGORY	1951 actual	1952 esti- mate
Total budget expenditures.....	44,633	70,881	Current expenses for aids and special services.....	11,903	14,040
Additions to Federal assets, total.....	7,870	22,054	Agriculture.....	905	489
Loans.....	1,296	2,298	Direct Federal programs.....	842	442
International security and foreign relations.....	200	425	Grants-in-aid.....	63	47
Housing and community development.....	748	924	Business.....	809	1,190
To private borrowers.....	601	756	Labor.....	197	204
To State and local governments.....	147	168	Direct Federal programs.....	19	22
Agriculture and agricultural resources.....	398	550	Grants-in-aid.....	178	182
Finance, commerce, and industry.....	2,43	407	Home owners and tenants.....	2,100	2,75
Other.....	2,27	2,14	Direct Federal programs.....	2,167	2,89
Physical assets.....	6,574	19,756	Grants-in-aid.....	7	14
Public works—sites and direct construction.....	2,237	5,448	Veterans.....	4,515	4,429
Civil.....	1,796	2,644	Direct Federal programs.....	4,427	4,151
Military.....	441	2,805	Payments to trust funds.....	82	273
Major commodity inventories—net change.....	2,810	641	Grants-in-aid.....	6	5
Civil.....	2,109	2,168	General aids.....	1,327	1,345
Military.....	709	749	Direct Federal programs.....	58	65
Major equipment.....	4,331	13,202	Grants-in-aid.....	1,269	1,280
Civil.....	31	202	International aids.....	4,311	6,458
Military.....	4,300	13,000	Funds appropriated to the President.....	3,841	6,282
Other physical assets.....	316	464	Department of Defense.....	358	204
Civil.....	317	448	Other agencies.....	111	2,27
Military.....	2,1	16	Other current operating expenses, total.....	21,928	30,523
Expenditures for other developmental purposes, total.....	3,654	3,488	Repair, maintenance, and operation of physical assets (excluding special services).....	5,948	10,617
Physical assets (non-Federal).....	961	1,173	Civil.....	277	327
State and local assets.....	484	659	Public lands.....	90	97
Direct Federal programs.....	3	3	Other physical assets.....	187	230
Grants-in-aid.....	481	656	Military.....	5,671	10,290
Private physical assets.....	477	514	Regulation and control.....	398	571
Direct Federal programs.....	422	434	Economic regulation.....	202	334
Grants-in-aid.....	55	80	Other law enforcement.....	196	237
Education, training, and health.....	902	796	General operation and administration.....	9,867	13,381
Direct Federal programs.....	738	584	Civil.....	1,352	1,587
Grants-in-aid.....	163	203	International activities.....	192	263
Research and development.....	1,125	1,447	Federal financial activities.....	372	405
Civil.....	299	348	Payments to Federal employees' retirement funds.....	323	320
Direct Federal programs.....	285	335	Other operation and administration.....	464	539
Grants-in-aid.....	14	14	Direct Federal programs.....	414	520
Military.....	826	1,099	Shared revenues and other grants-in-aid.....	50	68
Engineering and natural resources surveys.....	66	72	Military.....	8,515	11,794
Direct Federal programs.....	64	67	Interest.....	5,714	5,955
Grants-in-aid.....	2	5	On the public debt.....	5,615	5,850
			Other interest.....	99	105
			Noncost payments.....	581	750
			Reserve for contingencies.....		25
			Adjustment to daily Treasury statement basis.....	-705	

¹ Excludes collections going directly to miscellaneous receipts.

² Deduct, excess of repayments and collections over expenditures.

Source: Bureau of the Budget; *Budget of the U. S. Government, 1953*, Special Analysis D.

NO. 363.—COMMITMENTS AND EXPENDITURES FOR FEDERAL CREDIT PROGRAMS: 1951 AND 1952

[In millions of dollars. For years ending June 30. Based on existing and proposed legislation. Commitments are defined as approvals by Federal agencies of direct loans or of insurance or guarantees of private loans. They are on a gross basis without deductions for commitments not subsequently utilized. Net expenditures reflect new loans less collections on old loans]

FUNCTION, AGENCY AND PROGRAM	NEW COMMITMENTS		NET EXPENDITURES	
	1951 actual	1952 estimate	1951 actual	1952 estimate
Total, budget expenditures for loans			1,296	2,298
Adjustment for repayments going directly into miscellaneous receipts			234	219
Total, all functions (including repayments to miscellaneous receipts)	13,428	17,482	1,062	2,079
Veterans services and benefits, total	3,732	3,595	-2	-4
Veterans Administration	3,732	3,595	-2	-4
Readjustment benefits	3,693	3,545		
Other	39	50	-2	-4
International security and foreign relations, total	440	704	200	380
Mutual Security Agency	52	398	134	345
Export-Import Bank	395	306	104	107
Other	1	1	-39	-73
Housing and community development, total	5,240	6,773	676	915
Veterans Administration: Readjustment benefits: Direct loans to veterans	104	96	58	90
Reconstruction Finance Corporation	3	94	-24	21
Housing and Home Finance Agency, total	5,110	6,545	618	767
Federal National Mortgage Association	1,018	1,000	598	573
Home Loan Bank Board			-160	
Federal Housing Administration	3,552	4,120	10	28
Public Housing Administration	519	1,312	143	130
Other	21	113	10	36
Other	24	39	24	35
Agriculture and agricultural resources, total	3,123	3,785	255	396
Rural Electrification Administration	200	190	232	202
Farmers Home Administration	147	142	-22	18
Commodity Credit Corporation	771	1,269	-181	105
Federal intermediate credit banks	1,024	2,135	203	59
Other	21	49	-21	14
Finance, commerce, and industry, total	882	2,617	-43	407
Expansion of defense production	597	2,450	7	371
Loan guarantees	529	1,500		
Direct loans	68	678	7	198
Advances		273		173
Reconstruction Finance Corporation	285	166	-49	50
All other functions	3	7	-23	-10

Source: Bureau of the Budget; *Budget of the U. S. Government, 1953*, Special Analysis E.

NO. 364.—INTERNAL REVENUE COLLECTIONS, BY PRINCIPAL SOURCES: 1936 TO 1951

[In millions of dollars. For years ending June 30. Data differ from those in table 356 which represent deposits of these collections in Treasury or depositories during fiscal years concerned, there being thus an overlapping of time. See also *Historical Statistics*, series P 100-120]

TAX SOURCE	1936-40, average	1941-45, average	1946-50, average	1947	1948	1949	1950	1951
Internal revenue collections, total	4,871	25,342	40,213	39,108	41,865	40,463	38,957	50,446
Income and profits taxes:								
Individual income	1,013	9,721	18,850	19,343	20,908	18,052	17,153	¹ 22,997
Corporation income and profits	¹ 1,098	9,452	10,062	9,676	10,174	11,554	10,854	14,388
Employment taxes	516	1,425	2,245	2,024	2,381	2,476	2,645	¹ 3,627
Alcohol taxes	570	1,444	2,337	2,475	2,255	2,211	2,210	2,547
Tobacco taxes	562	865	1,271	1,238	1,300	1,322	1,328	1,380
Estate and gift taxes	364	488	1,772	779	899	797	706	730
Manufacturers' excise taxes	410	636	1,521	1,425	1,049	1,772	1,830	2,384
All other	323	1,310	2,254	2,147	2,207	2,281	2,215	2,393

¹ Estimated. Income tax withheld and employment tax (old-age insurance) withheld not reported separately after 1950.

² Includes excess profits on Army and Navy contracts, and unjust enrichment for 1937-1947.

³ Excludes taxes on soft drinks and taxes on adulterated, process or renovated butter, mixed flour, and filled cheese.

Source: Treasury Department, Bureau of Internal Revenue; *Annual Report of the Commissioner*.

**No. 365.—INTERNAL REVENUE COLLECTIONS, BY TAX SOURCES IN DETAIL:
1950 AND 1951**

[In thousands of dollars. For years ending June 30. Data differ from those in table 356, which represent deposits of these collections in Treasury or depositories, during fiscal years concerned, there being thus an overlapping of time. See also *Historical Statistics*, series P 109-120]

TYPE OF TAX	1950	1951	TYPE OF TAX	1950	1951
Grand total, all collections.	38,957,132	50,445,686	Miscellaneous internal revenue—Continued		
Income and profits taxes, total.....	28,007,659	37,384,879	Manufacturers' excise taxes—Continued.		
Individual income taxes, total.....	17,153,308	22,997,300	Other automobiles and motorcycles.....	452,066	653,363
Withheld by employers.....	9,888,976	13,089,770	Parts and accessories for automobiles.....	88,733	110,475
Other.....	7,264,332	9,907,539	Electrical energy.....	85,704	93,184
Corporation income and profits taxes, total.....	10,854,351	14,387,509	Electric, gas, and oil appliances.....	80,406	121,066
Income and excess profits.....	10,854,143	14,387,479	Electric light bulbs and tubes.....	20,726	30,284
Army and Navy contracts.....	208	90	Radio sets, phonographs, components, etc.....	42,085	128,187
Employment taxes.....	2,644,575	13,627,479	Phonograph records.....	5,769	7,007
Miscellaneous internal revenue, total.....	8,304,898	9,433,329	Musical instruments.....	8,865	10,756
Capital stock tax (repealed).....	266		Mechanical refrigerators, air-conditioners, etc.....	64,316	96,319
Estate tax.....	657,441	638,523	Matches.....	8,875	10,169
Gift tax.....	48,785	91,207	Business and store machines.....	30,012	44,491
Alcohol taxes, total.....	2,219,202	2,546,808	Photographic apparatus.....	39,931	46,020
Distilled spirits (imported, excise).....	126,344	172,362	Sporting goods.....	18,969	17,862
Distilled spirits (domestic, excise).....	1,295,555	1,574,473	Firearms, shells, and cartridges.....	0,351	17,846
Distilled spirits rectification tax.....	30,009	38,053	Pistols and revolvers.....	481	762
Wines, cordials, etc. (imported, excise).....	2,600	3,738	Retailers' excise taxes, total.....	400,128	457,013
Wines, cordials, etc. (domestic, excise).....	70,001	63,516	Furs.....	45,781	57,604
Rectifiers; liquor dealers; manufacturers of stills (special taxes).....	9,860	9,161	Jewelry.....	190,820	210,239
Stamps for distilled spirits intended for export.....	9	12	Luggage.....	77,532	82,831
Case stamps for distilled spirits bottled in bond.....	738	1,060	Toilet preparations.....	94,905	106,339
Container stamps.....	11,825	14,921	Miscellaneous taxes, total.....	1,720,909	1,842,598
Floor taxes.....	5	12	Sugar.....	71,188	80,192
Fermented malt liquors.....	667,411	665,009	Telephone, telegraph, radio, cable, leased wires, etc.....	312,339	354,660
Brewers; dealers in malt liquors (special taxes).....	4,784	4,462	Local telephone service.....	247,281	200,320
Tobacco taxes, total.....	1,328,464	1,380,306	Transportation of oil by pipe line.....	18,919	24,946
Cigars (large and small).....	42,170	44,275	Transportation of persons, seats, berths.....	228,738	237,617
Cigarettes (large and small).....	1,242,851	1,293,973	Transportation of property.....	321,193	381,842
Snuff.....	7,389	7,235	Leases of safe deposit boxes.....	9,554	9,669
Tobacco (chewing and smoking).....	35,070	33,870	Admissions to theaters, concerts, etc.....	371,244	346,492
Other.....	985	1,043	Admissions to cabarets, roof gardens, etc.....	41,453	42,646
Stamp taxes.....	84,648	93,107	Club dues and initiation fees.....	28,740	30,120
Manufacturers' excise taxes, total.....	1,836,053	2,383,677	Bowling alleys, pool tables, etc.....	3,608	3,610
Lubricating oils.....	77,610	97,238	Coin-operated devices.....	20,174	20,731
Gasoline.....	526,732	569,048	Adulterated and processed or renovated butter, and filled cheese.....	12	11
Tires and tubes.....	151,795	198,383	Oleomargarine, including special taxes (repealed).....	20,207	35
Automobile trucks and busses.....	123,630	121,285	Narcotics, including marijuana and special taxes.....	867	866
			Cocoon and other vegetable oils processed.....	15,857	19,088
			Firearms transfer and occupational taxes.....	7	9
			All other, including repealed taxes not listed above.....	437	346

¹ Estimated. Income tax withheld and employment tax (old-age insurance) withheld not reported separately after 1950.

Source: Treasury Department, Bureau of Internal Revenue; *Annual Report of the Commissioner*.

No. 366.—INTERNAL REVENUE COLLECTIONS, BY STATES AND TERRITORIES: 1950 AND 1951

[In thousands of dollars. For years ending June 30. See headnote, table 365. Tax receipts are credited to States in which collections 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]

DIVISION, STATE OR TERRITORY	TOTAL ¹		INDIVIDUAL INCOME AND EMPLOYMENT TAXES ²		CORPORATION INCOME TAXES ³	
	1950	1951	1950	1951	1950	1951
Total	38,957,132	50,445,686	19,797,883	26,624,788	10,854,351	14,387,569
New England	2,117,087	2,807,541	1,296,400	1,729,973	537,958	751,588
Maine.....	106,910	127,370	33,916	81,137	33,584	37,278
New Hampshire.....	68,755	87,177	45,093	61,758	15,772	18,792
Vermont.....	37,110	48,675	25,488	34,783	7,412	0,553
Massachusetts.....	1,127,641	1,486,571	697,567	900,211	277,133	418,602
Rhode Island.....	183,706	239,708	108,149	150,112	57,984	88,309
Connecticut.....	592,874	818,039	356,187	501,972	146,074	199,054
Middle Atlantic	11,313,823	14,590,709	5,729,157	7,632,113	3,628,720	4,698,600
New York.....	7,215,467	9,243,924	3,577,947	4,720,431	2,513,709	3,243,086
New Jersey.....	1,133,975	1,400,314	645,020	843,492	273,406	353,519
Pennsylvania.....	2,964,382	3,880,470	1,506,190	2,068,190	841,605	1,101,095
East North Central	10,311,699	13,944,736	4,712,981	6,500,585	3,212,044	4,601,044
Ohio.....	2,435,581	3,202,928	1,191,957	1,674,500	777,682	1,085,595
Indiana.....	973,284	1,202,617	370,812	506,521	195,234	249,422
Illinois.....	3,396,893	4,329,997	1,743,650	2,281,609	1,039,316	1,322,869
Michigan.....	2,747,571	4,156,022	1,039,625	1,641,525	970,872	1,658,005
Wisconsin.....	758,372	963,172	356,937	496,431	228,961	285,183
West North Central	2,755,097	3,458,615	1,618,214	2,067,617	718,198	922,135
Minnesota.....	629,726	786,759	362,599	458,451	175,905	222,838
Iowa.....	345,223	438,240	234,703	302,484	78,335	100,208
Missouri.....	1,102,085	1,392,272	579,790	751,902	316,247	414,950
North Dakota.....	52,054	57,680	41,234	46,889	7,892	7,295
South Dakota.....	56,718	64,282	41,734	49,089	8,933	9,057
Nebraska.....	261,367	334,021	161,871	217,248	46,897	61,636
Kansas.....	307,924	385,362	196,312	241,553	75,988	100,032
South Atlantic	4,491,728	5,503,105	1,953,278	2,611,145	965,767	1,245,508
Delaware.....	356,901	566,957	130,570	192,975	206,191	354,874
Maryland.....	1,128,476	1,413,474	704,661	901,046	160,173	217,120
Dist. of Columbia.....	(4)	(4)	(4)	(4)	(4)	(4)
Virginia.....	744,061	863,146	245,932	325,965	126,398	148,917
West Virginia.....	203,917	245,969	117,502	154,027	66,510	89,914
North Carolina.....	1,131,447	1,257,160	229,716	315,730	166,167	187,543
South Carolina.....	1,175,020	191,327	89,175	119,752	73,064	80,202
Georgia.....	392,518	497,448	207,617	282,049	101,069	125,174
Florida.....	359,387	467,024	228,046	310,601	64,904	81,695
East South Central	1,495,240	1,867,552	571,851	756,498	264,909	314,956
Kentucky.....	857,689	1,056,515	171,205	221,018	94,068	113,575
Tennessee.....	316,036	398,608	193,275	254,102	87,097	102,788
Alabama.....	233,208	298,452	147,714	199,745	64,047	77,718
Mississippi.....	88,307	113,077	69,657	81,632	18,797	20,877
West South Central	2,160,089	2,719,259	1,227,677	1,661,292	603,346	700,055
Arkansas.....	105,425	130,984	67,043	89,263	27,653	30,623
Louisiana.....	350,571	410,122	188,759	237,581	96,149	102,686
Oklahoma.....	413,470	494,893	186,835	241,491	138,572	155,446
Texas.....	1,290,622	1,683,259	785,040	1,092,958	340,071	411,800
Mountain	708,812	929,962	457,131	627,700	155,079	193,290
Montana.....	74,864	91,691	52,002	66,495	16,064	18,121
Idaho.....	71,829	91,354	49,084	64,049	17,619	21,871
Wyoming.....	37,426	48,984	26,972	35,790	5,808	8,497
Colorado.....	272,506	353,849	152,342	209,909	67,925	84,372
New Mexico.....	57,906	80,607	45,129	64,521	7,545	10,525
Arizona.....	74,822	106,438	55,247	82,889	12,637	15,912
Utah.....	84,013	109,532	50,455	69,295	22,020	27,443
Nevada.....	35,446	47,506	25,902	34,741	5,371	6,849
Pacific	3,502,441	4,483,610	2,162,232	2,935,062	756,666	935,034
Washington.....	444,759	593,872	294,955	382,800	101,490	129,750
Oregon.....	262,968	361,511	179,495	259,549	61,701	77,558
California.....	2,794,713	3,558,227	1,687,782	2,292,653	593,416	727,717
Alaska.....	17,303	38,762	14,349	34,940	1,450	1,955
Hawaii.....	81,401	98,023	54,586	66,361	18,216	23,525
Puerto Rico.....	2,320	3,812	27	1,502	-----	-----

¹ Includes miscellaneous taxes in the following amounts: 1950, \$8,304,898,000; 1951, \$9,433,326,000.

² Includes taxes withheld on salaries and wages. Beginning January 1951, income tax withheld and employment tax (old-age insurance) withheld paid into Treasury in combined amounts without separation as to type of tax.

³ Includes excess profits taxes.

⁴ Separate collections for the District of Columbia included with Maryland; separate data no longer available.

Source: Treasury Department, Bureau of Internal Revenue; *Annual Report of the Commissioner*.

No. 367.—EFFECTIVE RATES OF INDIVIDUAL INCOME TAX UNDER REVENUE ACTS OF 1913-1951, FOR SELECTED INCOME GROUPS

[In percent. Maximum earned net income assumed]

REVENUE ACT	INCOME YEAR	SINGLE PERSON, NO DEPENDENT, WITH NET INCOME—									
		\$600	\$1,000	\$2,000	\$3,000	\$5,000	\$8,000	\$10,000	\$25,000	\$100,000	\$500,000
1913.....	3/1/13-12/31/15.....					0.4	0.6	0.7	1.1	2.5	5.0
1916.....	1916.....					.8	1.3	1.4	2.0	3.9	8.6
1917.....	1917.....			1.0	1.3	2.4	3.4	4.0	7.3	16.2	38.5
1918.....	1918.....			3.0	4.0	4.8	8.1	9.5	15.4	35.2	64.6
	1919-1920.....			2.0	2.7	3.2	5.6	6.7	11.8	31.8	60.7
1921.....	1921.....			2.0	2.7	3.2	5.6	6.7	11.8	31.8	60.7
	1922.....			2.0	2.7	3.2	5.6	6.0	10.6	30.2	52.7
	1923.....			1.5	2.0	2.4	3.9	4.5	7.9	22.7	39.1
1924.....	1924.....			.8	1.0	1.2	1.9	2.3	6.5	22.7	39.9
1926.....	1926-1927.....			.3	.6	.8	1.3	1.5	4.9	16.1	23.2
1928.....	1928, 1930-1931.....			.3	.6	.8	1.3	1.5	4.4	15.8	23.2
	1929.....			.1	.2	.3	.7	.9	3.7	14.0	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	53.6
1936, 1938.....	1936-1939.....			1.6	2.3	2.8	4.7	5.6	11.2	33.4	61.0
1940.....	1940 ¹		0.4	2.2	2.8	3.4	5.6	6.9	17.0	44.8	60.2
1941.....	1941.....		2.1	5.9	7.4	9.7	12.0	14.9	28.9	53.2	69.1
1942.....	1942 ²	2.5	8.9	13.7	15.7	18.4	21.8	23.9	38.5	64.6	82.9
	1943 ³	2.8	10.7	16.7	19.1	22.1	25.7	27.8	42.6	69.7	88.4
1944 ⁴	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	19.3	21.2	34.4	58.8	77.0
1950.....	1950 ⁵		7.0	12.2	14.3	16.9	20.0	22.0	35.6	60.8	79.2
1951.....	1951 ⁶		8.2	14.3	16.6	19.3	22.7	24.9	39.9	67.3	86.0
		MARRIED PERSON, NO DEPENDENT, WITH NET INCOME—									
		\$600	\$1,000	\$2,000	\$3,000	\$5,000	\$8,000	\$10,000	\$25,000	\$100,000	\$500,000
1913.....	3/1/13-12/31/15.....					0.2	0.6	0.6	1.0	2.5	5.0
1916.....	1916.....					.4	1.0	1.2	1.9	3.9	8.6
1917.....	1917.....				0.7	1.6	2.9	3.6	7.1	16.2	38.5
1918.....	1918.....				2.0	3.6	6.6	8.3	14.9	35.0	64.6
	1910-1920.....				1.3	2.4	4.6	5.9	11.5	31.2	60.6
1921.....	1921.....				.7	2.0	4.6	5.9	11.5	31.2	60.6
	1922.....				.7	2.0	4.3	5.2	10.2	30.1	52.1
	1923.....				.5	1.5	3.2	3.9	7.7	22.6	39.1
1924.....	1924.....				.3	.8	1.3	1.7	6.3	22.6	39.9
1926.....	1926-1927.....				.3	.7	.7	1.0	4.6	16.1	23.2
1928.....	1928, 1930-1931.....				.3	.7	1.0	1.0	4.1	15.8	23.2
	1929.....				.1	.3	.5	.5	3.5	14.9	22.2
1932.....	1932-1933.....				.7	2.0	3.8	4.8	10.1	30.1	52.7
1934.....	1934-1935.....				.3	1.6	3.1	4.2	10.0	30.6	52.8
1936, 1938.....	1936-1939.....				.3	1.6	3.1	4.2	10.0	32.5	60.8
1940.....	1940 ¹				1.0	2.2	4.0	5.3	15.4	43.5	66.0
1941.....	1941.....			2.1	4.6	7.5	10.9	13.1	27.5	52.7	69.0
1942.....	1942 ²			7.0	10.8	14.9	19.2	21.5	36.9	64.1	82.8
	1943 ³	0.2	1.5	9.4	13.5	17.9	22.3	24.7	40.1	68.6	88.1
1944 ⁴	1944-1945.....	.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	81.5
1948.....	1948-1949.....			6.6	10.0	12.6	15.1	16.2	23.5	40.4	71.9
1950.....	1950 ⁵			7.0	10.4	13.2	15.7	16.9	24.3	48.0	74.1
1951.....	1951 ⁶			8.2	12.2	15.5	18.0	19.3	27.5	53.5	80.9

See footnotes at end of table.

INCOME TAX RATES

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No. 367.—EFFECTIVE RATES OF INDIVIDUAL INCOME TAX UNDER REVENUE ACTS OF 1913-1951, FOR SELECTED INCOME GROUPS—Continued

[In percent. Maximum earned net income assumed]

REVENUE ACT	INCOME YEAR	MARRIED PERSON, 2 DEPENDENTS, WITH NET INCOME—									
		\$600	\$1,000	\$2,000	\$3,000	\$5,000	\$8,000	\$10,000	\$25,000	\$100,000	\$500,000
1913	3/1/13-12/31/15					0.2	0.5	0.6	1.0	2.5	5.0
1916	1916					.4	1.0	1.2	1.9	3.9	8.6
1917	1917					1.3	2.7	3.4	7.1	16.2	38.5
1918	1918				0.4	3.1	6.0	7.8	14.7	35.0	64.0
1919-1920	1919-1920				1.2	2.1	4.2	5.6	11.4	31.2	60.6
1921	1921				.8	1.4	3.8	5.3	11.3	31.1	60.6
1922	1922					1.4	3.5	4.6	10.0	30.1	52.1
1923	1923					1.0	2.6	3.4	7.5	22.6	39.1
1924	1924					.2	1.0	1.4	6.1	22.5	39.9
1926	1925-1927					.2	.5	.8	4.5	16.0	23.1
1928	1928, 1930-1931					.2	.5	.8	4.0	15.7	23.1
1929	1929					.1	.2	.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	1936-1939					1.0	2.3	3.4	9.3	32.0	60.7
1940	1940 ¹					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	88.9
1942	1942 ²			0.7	6.4	11.8	16.5	19.1	35.3	63.5	82.7
1943	1943 ³	0.2	1.4	2.9	8.9	14.6	19.4	22.1	38.3	67.8	88.0
1944 ⁴	1944-1945	.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				3.3	8.6	12.2	13.6	21.9	45.6	71.7
1950	1950 ⁵				3.5	9.0	12.7	14.2	22.7	47.2	73.9
1951	1951 ⁶				4.1	10.6	14.7	16.2	25.6	52.6	80.7

¹ Includes defense tax.

² Tax liabilities for 1942 and 1943 unadjusted for transition to current payment basis.

³ 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.

⁴ Individual Income Tax Act of 1944.

⁵ Taking into account maximum effective rate limitation of 77 percent.

⁶ Split income basis.

Source: Treasury Department, Bureau of Internal Revenue; *Annual Report of the Secretary of the Treasury*.

No. 368.—INDIVIDUAL INCOME TAX LIABILITY UNDER REVENUE ACTS OF 1913-1951, FOR SELECTED INCOME GROUPS

[Maximum earned net income assumed]

REVENUE ACT	INCOME YEAR	SINGLE PERSON, NO DEPENDENT, WITH NET INCOME—									
		\$600	\$1,000	\$2,000	\$3,000	\$5,000	\$8,000	\$10,000	\$25,000	\$100,000	\$500,000
1913	3/1/13-12/31/15					\$20	\$50	\$70	\$270	\$2,520	\$25,020
1916	1916					40	100	140	490	3,940	42,940
1917	1917			\$20	\$40	120	275	395	1,820	16,220	192,720
1918	1918			60	120	240	650	950	3,840	35,150	323,150
1919-1920	1919-1920			40	80	160	450	670	2,960	31,270	303,270
1921	1921			40	80	160	450	670	2,960	31,270	303,270
1922	1922			40	80	160	420	600	2,640	36,220	260,720
1923	1923			30	60	120	315	450	1,980	22,065	195,540
1924	1924			15	30	60	150	225	1,635	22,645	199,645
1926	1925-1927			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	1929			2	6	13	52	90	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	1936-1939			32	68	140	378	560	2,804	33,354	305,224
1940	1940 ¹		\$4	44	84	172	449	686	4,253	44,268	330,933
1941	1941		21	117	221	483	1,031	1,493	7,224	53,214	345,654
1942	1942 ²	\$15	89	273	472	920	1,742	2,390	9,626	64,641	414,616
1943	1943 ³	17	107	333	574	1,105	2,052	2,783	10,644	60,665	441,868
1944 ⁴	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	9,382	63,541	407,897
1948	1948-1949			66	232	409	811	1,546	8,600	58,762	385,000
1950	1950		70	244	428	843	1,604	2,201	8,898	60,770	396,221
1951	1951		82	286	498	964	1,816	2,486	9,976	67,274	429,750

No. 368.—INDIVIDUAL INCOME TAX LIABILITY UNDER REVENUE ACTS OF 1913-1951,
FOR SELECTED INCOME GROUPS—Continued

[Maximum earned net income assumed]

REVENUE ACT	INCOME YEAR	MARRIED PERSON, NO DEPENDENT, WITH NET INCOME—									
		\$600	\$1,000	\$2,000	\$3,000	\$5,000	\$8,000	\$10,000	\$25,000	\$100,000	\$500,000
1913	3/1/13-12/31/15					\$10	\$40	\$60	\$260	\$2,510	\$25,010
1916	1916					20	80	120	470	3,920	42,920
1917	1917				\$20	80	235	355	1,780	16,180	192,680
1918	1918				60	180	530	830	3,720	35,030	323,030
	1919-1920				40	120	370	590	2,880	31,190	303,190
1921	1921				20	100	370	590	2,880	31,190	303,190
	1922				20	100	340	520	2,560	30,140	260,640
	1923				15	75	255	390	1,920	22,005	195,480
1924	1924				8	38	105	165	1,565	22,575	199,575
1926	1925-1927					17	56	101	1,159	16,059	116,059
1928	1928, 1930-1931					17	56	101	1,024	15,769	115,769
	1929					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	1936-1939				8	80	248	415	2,489	32,469	304,144
1940	1940 ¹				31	110	317	528	3,843	43,476	330,156
1941	1941			\$42	138	375	873	1,305	6,864	52,704	345,084
1942	1942 ²			140	324	746	1,532	2,152	9,220	64,090	414,090
	1943 ²	\$1	\$15	188	405	894	1,780	2,467	10,035	68,584	440,747
1944 ⁴	1944-1945	3	15	245	475	975	1,885	2,585	10,205	60,435	443,895
1945	1946-1947			190	380	798	1,577	2,185	9,082	63,128	407,405
1948	1948-1949			133	269	631	1,206	1,621	5,877	46,403	359,632
1950	1950 ⁵			139	313	601	1,257	1,686	6,087	47,994	370,657
1951	1951 ⁶			163	367	775	1,443	1,928	6,874	53,516	404,500
		MARRIED PERSON, TWO DEPENDENTS, WITH NET INCOME—									
		\$600	\$1,000	\$2,000	\$3,000	\$5,000	\$8,000	\$10,000	\$25,000	\$100,000	\$500,000
1913	3/1/13-12/31/15					\$10	\$40	\$60	\$260	\$2,510	\$25,010
1916	1916					20	80	120	470	3,920	42,920
1917	1917				\$12	64	219	339	1,764	16,164	192,664
1918	1918				36	156	482	782	3,672	34,982	322,982
	1919-1920				24	104	338	558	2,848	31,158	303,158
1921	1921					68	266	526	2,816	31,126	303,126
	1922					68	276	456	2,406	30,076	260,576
	1923					51	207	342	1,872	22,557	195,432
1924	1924					26	81	141	1,525	22,635	199,535
1926	1925-1927					8	42	83	1,129	16,029	116,029
1928	1928, 1930-1931					8	42	83	994	15,739	115,739
	1929					3	14	40	838	14,846	110,846
1932	1932-1933					68	236	416	2,456	30,036	263,536
1934	1934-1935					48	184	343	2,327	30,162	263,464
1936, 1938	1936-1939					48	184	343	2,327	31,997	303,593
1940	1940 ¹					75	246	440	3,571	42,948	329,637
1941	1941				58	271	717	1,117	6,480	52,160	344,470
1942	1942 ²			\$13	191	592	1,322	1,914	8,814	63,479	413,384
	1943 ²			58	267	730	1,553	2,208	9,574	67,803	439,931
1944 ⁴	1944-1945	3	15	45	275	755	1,585	2,245	9,705	68,595	442,585
1945	1946-1947				190	589	1,292	1,892	8,522	62,301	406,600
1948	1948-1949 ⁵				100	432	974	1,361	5,476	45,643	358,677
1950	1950 ⁵				104	452	1,016	1,417	5,672	47,208	369,645
1951	1951 ⁶				122	530	1,174	1,622	6,406	52,640	403,408

¹ Includes defense tax.² Tax liabilities for 1942 and 1943 unadjusted for transition to current payment basis.³ 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.⁴ Individual Income Tax Act of 1944.⁵ Taking into account maximum effective rate limitation of 77 percent.⁶ Split income basis.Source: Treasury Department, Bureau of Internal Revenue; *Annual Report of the Secretary of the Treasury*.

No. 369.—INDIVIDUAL AND TAXABLE FIDUCIARY INCOME TAX RETURNS—SUMMARY.
1925 to 1949

[Includes data for Alaska, District of Columbia, and Hawaii; based on returns as filed, unaudited except to insure proper execution. Under revenue laws, the filing requirements applicable to individuals (citizens or residents of the United States), for the years shown, are as follows: (1) Single, or married and not living with husband or wife: for 1925 and 1930, net income of \$1,500 or over; 1935, \$1,000 or over; 1940, gross income of \$800 or over; (2) Married and living with husband or wife: for 1925 and 1930, combined net income of \$3,500 or over; 1935, \$2,500 or over; for 1940, combined gross income of \$2,000 or over; (3) For 1945-47, every individual with gross income of \$500 or over; and for 1948-49, \$600 or over; for refund purposes, returns are also required with respect to gross incomes under \$500 for 1945-47, or under \$600 for 1948-49, from which taxes have been withheld. (For 1925-35, returns are required to be filed by individuals having gross income of \$5,000 or over if single, or married and not living with husband or wife; or having combined gross income of \$5,000 or over if married and living with husband or wife; regardless of net income.) *Data for returns showing no net income or no adjusted gross income, filed in accordance with these provisions, are not included in statistics given here.* Fiduciaries are required to file returns on same basis as single individuals except that a return is required for every estate or trust of which any beneficiary is a nonresident alien and, beginning 1938, for every trust having net income of \$100 or over. Partnership net profit or net loss is reported on individual returns of copartners according to their shares. See also *Historical Statistics*, series P 144-147]

ITEM	1925	1930	1935	1940	1945	1947	1948	1949 (prol.)
Number of returns, total ¹								
thousands.....	4, 171	3, 708	4, 575	14, 665	49, 751	54, 800	51, 746	51, 302
Taxable.....do.....	2, 501	2, 038	2, 111	7, 505	42, 051	41, 579	36, 411	35, 628
Nontaxable.....do.....	1, 670	1, 670	2, 464	7, 161	7, 100	13, 221	15, 334	15, 674
Net income or adjusted gross income ².....millions of dollars.....	21, 895	18, 119	14, 910	36, 589	120, 301	150, 205	164, 174	161, 373
Total tax ³.....do.....	735	477	657	1, 496	17, 050	18, 076	15, 442	14, 538
Average per return: ⁵								
Income.....	\$5, 240	\$4, 887	\$3, 259	\$2, 495	\$2, 418	\$2, 743	\$3, 173	\$3, 150
Tax.....	\$176	\$129	\$144	\$102	\$343	\$330	\$298	\$284
Tax per capita of total population ⁴	\$6. 35	\$3. 87	\$5. 14	\$11. 32	\$128	\$126	\$105	\$98
Percent of population filing returns ⁵	3. 60	3. 01	3. 58	11. 10	37. 43	38. 05	35. 27	34. 37
Taxable fiduciary returns: ¹								
Number.....thousands.....					114	110	101	100
Total income.....millions of dollars.....	(1)	(1)	(1)	(1)	857	974	987	927
Total tax.....do.....					176	173	176	144

¹ Taxable fiduciary returns included with individual returns through 1940, shown separately thereafter.

² *Net income (shown for 1940 and prior years)* is total income less statutory deductions, but before deduction of exemption or credits allowable in computing amount subject to tax. *Adjusted gross income (shown for 1945-49)* is defined as gross income minus allowable trade and business deductions, expenses of travel and lodging in connection with employment, reimbursed expenses in connection with employment, deductions attributable to rents and royalties, certain deductions of life tenants and income beneficiaries of property held in trust, and allowable losses from sales of property.

³ Tax tabulated for 1940 and prior years is before deduction of credits for tax paid at source and tax paid to a foreign country or possession of United States, while tax for 1945-49 is after deduction of such credits.

⁴ Includes defense tax.

⁵ For individual returns only, 1945 and later years.

Source: Treasury Department, Bureau of Internal Revenue; *Statistics of Income*, Part 1.

NO. 370.—INDIVIDUAL AND TAXABLE FIDUCIARY INCOME TAX RETURNS—ANALYSIS: 1945 TO 1949

[Money figures in millions of dollars. See headnote, table 369. See also *Historical Statistics*, series P 144, 146, and 147]

DISTRIBUTION	1945	1946	1947	1948	1949 (prel.)		
					Total	Individual	Fiduciary
Adjusted gross income ¹	121,158	135,396	151,269	165,161	162,300	161,373	927
Salaries, wages, commissions, etc. ²	91,668	99,144	114,737	125,815	124,799	124,799	
Dividends, domestic and foreign ³		4,137	4,776	5,458	5,748	5,218	530
Interest ⁴	4,360	1,172	1,210	1,364	1,596	1,512	84
Rents and royalties: ⁵							
Net profit	1,837	1,993	2,304	2,690	3,127	3,024	103
Net loss	178	194	229	238	208	267	1
Business and profession: ⁶							
Net profit	12,611	16,055	16,422	18,075	15,647	15,613	34
Net loss	351	444	521	648	637	635	2
Partnership: ⁷							
Net profit	7,258	8,151	8,288	8,093	7,936	7,895	41
Net loss	87	109	153	167	250	249	1
Sales or exchanges of capital assets: ⁸							
Net gain	2,475	3,551	2,557	2,600	1,995	1,880	109
Net loss	183	235	283	290	335	331	3
Sales or exchanges of property other than capital assets: ⁹							
Net gain	65	123	99	108	102	101	2
Net loss	71	68	68	83	102	101	1
Annuities and pensions ¹⁰	195	231	226	293	442	442	
Income from estates and trusts ¹¹	956	1,120	1,239	1,322	1,452	1,435	16
Miscellaneous income ¹²	612	768	666	768	1,048	1,031	17
Total tax	17,226	16,281	18,249	15,618	14,682	14,538	144
Number of returns (thousands)	49,865	52,722	54,910	51,847	51,402	51,302	100

¹ See note 2, table 369.

² Salaries, wages, commissions, etc., include annuities, pensions, and retirement pay not reported in schedule for annuities and pensions, but exclude wages of not more than \$100 per return from which no tax is withheld, reported on Form W-2 for 1945-47, and on Form 1040A for 1948-49. (See note 12.)

³ Dividends received exclude amounts received through partnerships and fiduciaries; exclude amounts not exceeding \$100 per return reported on Form W-2 for 1945-47 and on Form 1040A for 1948-49. (See note 12.)

⁴ Interest received includes interest on notes, mortgages, bank deposits, corporation bonds before amortization of bond premium, and taxable and partially tax-exempt interest on Government obligations before amortization of bond premium; also includes, when received through partnerships and fiduciaries, partially tax-exempt interest on Government obligations and partially tax-exempt dividends on share accounts in Federal savings and loan associations. Excludes amounts not exceeding \$100 per return reported on Form W-2 for 1945-47 and on Form 1040A for 1948-49. (See note 12.)

⁵ Net profit from rents and royalties is excess of gross rents over depreciation, repairs, interest, taxes, and other rent expenses and excess of gross royalties over depletion and other royalty expenses. Conversely, net loss from these sources is excess of expenses over gross receipts.

⁶ Net profit from business is excess of gross receipts over business expenses and net operating loss deduction due to net operating loss from business, partnership, and common trust funds for two preceding years. Conversely, net loss from business is excess of business expenses and net operating loss deduction over gross receipts from business.

⁷ Partnership profit or loss excludes partially tax-exempt interest on Government obligations, dividends on Federal savings and loan association shares issued prior to Mar. 28, 1942, and net gain or loss from sales of capital assets. In computing partnership profit or loss, charitable contributions are not deductible nor is the net operating loss deduction allowed.

⁸ Capital assets consist of all property held by taxpayer other than (1) stock in trade or other property held primarily for sale to customers, or (2) kinds of property specified in note 9. Net gain or loss reported is a combination of current year capital gains and losses to be taken into account (including those from partnerships or common trust funds in which taxpayer participates) and net capital loss carry-over from five preceding years but not prior to 1942. Allowable net loss is limited to amount of such loss, or to net income (adjusted gross income if taxed under Supplement T) computed without regard to gains and losses from sales of capital assets, or to \$1,000, whichever is smallest. For details as to portion of gains and losses taken into account, description of capital loss carry-over, and special treatment of certain gains and losses, see *Statistics of Income*, Part 1.

⁹ Sales of (1) property used in trade or business of a character which is subject to allowance for depreciation, within 1 year from issue, and (3) real property used in trade or business.

¹⁰ Income shown from annuities and pensions is only the taxable portion of amounts received. Amounts received to extent of 3 percent of cost are reported annually, until aggregate of amounts received and excluded from income equals cost. Thereafter, entire amounts received are taxable and must be included in income. Annuities, pensions, and retirement pay from which tax is withheld may be reported as salaries and wages.

¹¹ Income from estates and trusts excludes partially tax-exempt interest on Government obligations and dividends on Federal savings and loan association shares issued prior to Mar. 28, 1942. Such income is reported in partially tax-exempt interest.

¹² Miscellaneous income includes all taxable income not accounted for elsewhere in this table; also includes wages not subject to withholding, dividends, and interest, not exceeding in total \$100 per return reported on Form W-2 for 1945-47 and Form 1040A for 1948-49.

INCOME TAX RETURNS

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No. 371.—INDIVIDUAL INCOME TAX RETURNS, BY ADJUSTED GROSS INCOME CLASSES: 1948 AND 1949

[Money figures in thousands of dollars. See headnote, table 369]

ADJUSTED GROSS INCOME CLASS (thousands of dollars)	NUMBER OF RETURNS		ADJUSTED GROSS INCOME ¹		TOTAL TAX		EFFECTIVE TAX RATE, PERCENT	
	1948	1949 ²	1948	1949 ²	1948	1949 ²	1948	1949 ²
Total	51,745,697	51,301,910	164,173,861	161,373,205	15,441,529	14,538,141	9.41	9.01
Under 0.5.....	3,299,919	3,132,744	928,133	889,438	---	---	---	---
0.5 under 1.....	4,471,102	4,583,192	3,383,376	3,485,457	37,706	38,437	1.11	1.10
1 under 1.5.....	5,178,887	5,530,342	6,503,699	6,910,656	187,415	191,102	2.88	2.77
1.5 under 2.....	5,966,397	5,792,100	10,469,379	10,161,002	435,023	394,473	4.16	3.88
2 under 2.5.....	6,296,154	6,107,906	14,104,492	13,736,888	704,578	650,080	4.97	4.73
2.5 under 3.....	6,163,256	6,029,740	16,621,193	16,542,737	914,648	875,700	5.41	5.29
3 under 4.....	9,396,744	9,203,154	32,484,906	31,832,046	1,990,235	1,919,402	6.13	6.03
4 under 5.....	5,094,747	4,935,227	22,716,705	22,007,436	1,687,046	1,600,178	7.43	7.31
5 under 10.....	4,666,206	4,837,794	29,818,294	30,970,696	2,900,914	3,039,306	9.93	9.81
10 under 15.....	599,545	581,572	7,200,668	6,971,830	1,002,044	951,897	13.02	13.05
15 under 20.....	236,438	220,420	4,054,251	3,783,153	684,138	625,709	16.87	16.54
20 under 25.....	122,221	116,446	2,717,601	2,588,897	526,578	491,165	19.38	18.97
25 under 50.....	185,076	171,261	6,237,807	5,763,891	1,555,194	1,401,017	24.93	24.31
50 under 100.....	52,725	46,180	3,516,082	3,074,224	1,247,160	1,062,365	35.47	34.56
100 under 150.....	9,619	8,028	1,153,456	961,006	503,298	407,379	43.63	42.39
150 under 300.....	5,145	4,520	1,017,684	895,192	503,445	430,870	49.47	48.13
300 under 500.....	952	775	353,350	289,204	194,535	155,141	55.05	53.04
500 under 1,000.....	415	379	274,704	254,332	156,806	148,465	56.74	58.37
1,000 and over.....	149	120	258,072	255,509	151,715	140,469	58.79	57.32

¹ See note 2, table 369. ² Preliminary.

Source: Treasury Department, Bureau of Internal Revenue; *Statistics of Income*, Part 1.

No. 372.—INDIVIDUAL INCOME TAX RETURNS, BY FAMILY RELATIONSHIP: 1944 TO 1949

[Money figures in thousands of dollars. See headnote, table 369]

FAMILY RELATIONSHIP	1944	1945	1946	1947	1948	1949 ¹
Number of returns	46,919,590	49,750,991	52,600,470	54,799,936	51,745,697	51,301,910
Joint returns of husbands and wives.....	24,042,777	24,586,056	26,332,777	26,010,512	29,484,845	30,050,190
Separate returns of husbands and wives:						
Men ²	1,828,559	1,932,840	2,062,824	2,542,288	1,146,292	976,163
Women ²	2,037,356	1,993,196	2,041,905	2,690,948	1,247,711	1,065,918
Separate community property returns:						
Men ²	632,024	1,029,782	1,055,873	1,594,440	228,359	155,725
Women ²	642,285	995,006	980,978	1,043,704	228,087	192,792
Returns of single persons:						
Men.....	7,489,580	8,790,401	10,581,162	10,767,013	10,405,679	10,337,361
Women.....	10,246,100	10,423,650	9,535,891	9,550,935	9,004,724	8,553,761
Adjusted gross income ³	116,714,736	120,301,131	134,330,006	150,295,275	164,173,861	161,373,205
Joint returns of husbands and wives.....	68,814,105	68,726,636	77,003,356	82,321,452	118,549,475	118,377,474
Separate returns of husbands and wives:						
Men.....	8,932,900	9,405,380	10,672,264	12,202,471	3,390,452	2,805,600
Women.....	4,516,423	4,541,274	5,121,373	6,190,606	2,435,848	2,060,508
Separate community property returns:						
Men.....	2,663,921	4,050,276	4,574,918	7,117,955	942,193	698,883
Women.....	2,586,072	3,735,452	4,240,183	5,079,593	934,978	625,393
Returns of single persons:						
Men.....	14,035,945	14,520,588	17,759,551	20,266,550	21,066,176	20,221,921
Women.....	15,165,369	15,315,523	14,652,307	16,216,945	16,854,765	16,673,427

¹ Preliminary.

² An unequal number of returns of husbands and wives results from use of sampling in certain income areas, from the fact that some returns lack sufficient information to identify the family relationship, and from deferment of filing returns by members of the armed forces for 1944-46.

³ See note 2, table 369.

Source: Treasury Department, Bureau of Internal Revenue; *Statistics of Income*, Part 1.

No. 373.—INDIVIDUAL INCOME TAX RETURNS—INCOME DISTRIBUTED BY SOURCE, BY ADJUSTED GROSS INCOME CLASSES: 1949

[Amounts in thousands of dollars. Data are preliminary. See headnote, table 369]

ADJUSTED GROSS INCOME CLASS ¹ (thousands of dollars)	Salaries, wages, etc. ²	Divi- dends ³	Interest ⁴	RENTS AND ROY- ALTIES ⁵		BUSINESS AND PRO- FESSION ⁶		PARTNERSHIP ⁷	
				Net profit	Net loss	Net profit	Net loss	Net profit	Net loss
AMOUNT									
Total.....	124,798,953	5,218,206	1,511,555	3,024,215	266,667	15,613,095	635,138	7,894,590	248,786
Under 0.5.....	767,984	11,814	11,400	34,964	6,523	89,095	41,555	18,824	18,166
0.5 under 1.....	2,635,158	60,815	59,074	164,029	9,262	439,451	45,159	89,585	16,847
1 under 1.5.....	5,357,815	90,554	83,989	210,344	14,617	875,216	47,125	184,555	11,749
1.5 under 2.....	8,253,360	108,496	91,703	196,083	17,903	1,108,237	45,213	247,548	14,910
2 under 2.5.....	11,740,607	128,090	79,073	179,564	22,827	1,177,748	37,208	289,080	13,385
2.5 under 3.....	14,578,344	119,276	71,703	175,012	23,885	1,183,369	41,519	301,493	15,240
3 under 4.....	28,413,731	261,941	135,397	321,801	47,307	1,873,273	73,180	631,215	30,405
4 under 5.....	19,170,123	226,052	127,540	271,163	33,572	1,467,623	56,543	568,877	22,393
5 under 10.....	23,996,697	732,138	303,637	565,413	45,576	3,208,682	69,970	1,605,933	30,260
10 under 15.....	3,593,899	446,940	123,606	239,904	13,552	1,401,008	28,180	908,351	13,608
15 under 20.....	1,663,462	334,989	81,961	141,043	6,861	803,714	24,138	588,482	9,438
20 under 25.....	1,044,727	272,469	59,424	94,706	4,622	525,674	16,636	462,651	7,747
25 under 50.....	2,135,749	804,600	140,958	226,263	9,960	994,543	44,257	1,088,869	16,840
50 under 100.....	964,043	671,026	78,021	115,131	5,172	336,899	30,139	596,882	10,734
100 under 150.....	248,736	282,804	25,386	36,687	1,593	62,852	10,672	158,295	3,508
150 under 300.....	172,974	318,649	21,383	32,436	2,032	41,459	13,545	114,618	3,970
300 under 500.....	35,043	127,270	6,160	10,462	603	10,576	3,948	21,031	1,224
500 under 1,000.....	18,066	110,883	5,106	6,563	389	6,919	3,753	12,524	1,771
1,000 and over.....	5,729	108,943	5,415	2,651	415	7,352	2,396	5,795	486
ITEMS OF INCOME AND LOSS FROM EACH SOURCE AS A PERCENTAGE OF AGGREGATE POSITIVE INCOME									
PERCENT									
Total.....	76.58	3.20	0.93	1.86	0.16	9.58	0.39	4.84	0.15
Under 0.5.....	78.70	1.21	1.17	3.59	.67	9.14	4.26	1.93	1.88
0.5 under 1.....	73.70	1.69	1.65	4.89	.26	12.29	1.26	2.51	.47
1 under 1.5.....	76.47	1.29	1.20	3.00	.21	12.49	.67	2.63	.17
1.5 under 2.....	80.40	1.06	.89	1.91	.17	10.80	.44	2.41	.15
2 under 2.5.....	84.86	.93	.57	1.30	.17	8.51	.27	2.09	.10
2.5 under 3.....	87.55	.72	.43	1.05	.14	7.11	.25	1.81	.09
3 under 4.....	88.70	.82	.42	1.00	.15	5.85	.23	1.97	.09
4 under 5.....	86.49	1.02	.58	1.22	.15	6.62	.26	2.57	.10
5 under 10.....	76.89	2.35	.97	1.81	.15	10.28	.22	6.15	.12
10 under 15.....	50.89	6.33	1.75	3.40	.19	19.84	.40	12.86	.19
15 under 20.....	43.28	8.72	2.13	3.67	.18	20.91	.63	15.31	.25
20 under 25.....	39.71	10.36	2.26	3.60	.18	19.98	.63	17.69	.29
25 under 50.....	36.43	13.73	2.40	3.86	.17	16.96	.75	18.67	.29
50 under 100.....	30.79	21.46	2.51	3.68	.17	10.76	.96	19.06	.34
100 under 150.....	25.39	28.87	2.59	3.75	.16	6.42	1.00	10.16	.36
150 under 300.....	18.87	34.77	2.33	3.54	.22	4.52	1.48	12.51	.43
300 under 500.....	12.88	43.10	2.09	3.54	.20	3.58	1.34	7.12	.41
500 under 1,000.....	6.91	42.41	1.95	2.51	.15	2.65	1.44	4.79	.68
1,000 and over.....	2.21	42.08	2.09	1.02	.16	2.84	.93	2.24	.19

See footnotes at end of table.

No. 373.—INDIVIDUAL INCOME TAX RETURNS—INCOME DISTRIBUTED BY SOURCE,
BY ADJUSTED GROSS INCOME CLASSES: 1949—Continued

[Amounts in thousands of dollars]

ADJUSTED GROSS IN- COME CLASS ¹ (thousands of dollars)	SALES OR EX- CHANGES OF CAPITAL ASSETS ²		SALES OR EX- CHANGES OF PROPERTY OTHER THAN CAPITAL ASSETS ²		Annul- ties and pen- sions ¹⁰	Income from estates and trusts ¹¹	Miscel- laneous in- come ¹²	AGGREGATE		Adjusted gross income ¹
	Net gain	Net loss	Net gain	Net loss				Positive income	Negative income	
AMOUNT										
Total.....	1,886,459	331,192	100,890	101,086	441,969	1,435,302	1,030,824	162,956,058	1,582,868	161,373,205
Under 0.5.....	18,146	11,089	1,473	7,901	3,586	4,356	13,026	974,668	85,234	889,438
0.5 under 1.....	27,096	13,214	2,407	5,477	29,380	12,215	66,705	3,575,415	89,959	3,485,457
1 under 1.5.....	38,513	15,139	5,206	6,845	61,198	16,192	82,840	7,006,122	95,475	6,910,656
1.5 under 2.....	53,935	19,508	6,640	6,449	71,207	23,440	104,244	10,264,983	103,983	10,161,002
2 under 2.5.....	58,201	17,998	6,953	7,210	53,028	22,485	99,675	13,834,513	98,628	13,735,888
2.5 under 3.....	62,442	21,721	6,723	6,927	36,442	25,141	92,096	16,652,041	109,298	16,542,737
3 under 4.....	137,437	38,067	14,021	11,265	47,867	48,821	147,363	32,082,867	200,224	31,882,646
4 under 5.....	137,385	32,968	13,321	11,792	35,089	48,784	98,744	22,164,701	157,268	22,007,436
5 under 10.....	364,957	70,587	23,255	15,523	54,456	183,267	170,787	31,208,622	237,925	30,970,696
10 under 15.....	158,883	29,901	6,892	4,885	14,037	115,652	52,881	7,062,053	90,216	6,971,830
15 under 20.....	96,901	16,540	4,454	3,467	7,250	93,211	28,132	3,843,599	60,444	3,783,153
20 under 25.....	67,610	11,015	2,044	1,853	4,845	75,011	21,610	2,630,771	41,873	2,588,897
25 under 50.....	185,834	22,199	4,576	5,449	12,778	230,195	38,165	5,862,600	98,705	5,763,891
50 under 100.....	149,645	8,246	1,490	2,920	5,994	193,771	17,032	3,131,434	57,211	3,074,224
100 under 150.....	88,994	1,695	481	1,142	1,867	90,459	3,483	970,615	18,610	961,006
150 under 300.....	95,276	1,001	356	717	1,884	114,428	2,993	916,456	21,205	895,192
300 under 500.....	44,955	170	441	115	463	35,101	750	295,264	6,060	289,204
500 under 1,000.....	46,193	101	24	1,106	303	54,714	150	261,451	7,120	254,332
1,000 and over.....	74,057	32	135	41	205	48,455	135	258,872	3,309	255,509
PERCENT										
Total.....	1.16	0.20	0.06	0.06	0.27	0.88	0.63			
Under 0.5.....	1.86	1.14	.15	.81	.37	.45	1.34			
0.5 under 1.....	.76	.37	.07	.15	.82	.34	1.59			
1 under 1.5.....	.55	.22	.07	.10	.87	.23	1.18			
1.5 under 2.....	.53	.19	.06	.06	.69	.23	1.02			
2 under 2.5.....	.42	.13	.05	.05	.38	.16	.72			
2.5 under 3.....	.37	.13	.04	.04	.22	.15	.65			
3 under 4.....	.43	.12	.04	.04	.15	.15	.40			
4 under 5.....	.62	.15	.06	.05	.16	.22	.45			
5 under 10.....	1.17	.23	.07	.05	.17	.59	.55			
10 under 15.....	2.25	.42	.10	.07	.20	1.64	.75			
15 under 20.....	2.52	.43	.12	.09	.19	2.43	.73			
20 under 25.....	2.57	.42	.08	.07	.18	2.85	.82			
25 under 50.....	3.17	.38	.08	.09	.22	3.93	.65			
50 under 100.....	4.78	.26	.05	.09	.19	6.19	.54			
100 under 150.....	7.04	.17	.05	.12	.19	9.19	.36			
150 under 300.....	10.40	.11	.04	.08	.21	12.49	.33			
300 under 500.....	15.23	.06	.15	.04	.16	11.89	.26			
500 under 1,000.....	17.67	.04	.01	.42	.12	20.93	.06			
1,000 and over.....	28.61	.01	.05	.02	.08	18.72	.05			

¹ See note 2, table 369.

²⁻¹² See footnotes 2 through 12, table 370.

Source: Treasury Department, Bureau of Internal Revenue; *Statistics of Income*, Part 1.

No. 374.—INDIVIDUAL INCOME TAX RETURNS, BY

[Money figures, except average per return]

DIVISION, STATE, OR TERRITORY	1947			1948			1949 ¹	
	Number of returns	Adjusted gross income ²	Tax	Number of returns	Adjusted gross income ²	Tax	Number of returns	Adjusted gross income ²
Total³	54,809,740	150,326,429	18,084,485	51,788,057	164,311,497	15,460,095	51,332,016	161,720,904
New England	4,006,158	10,472,787	1,265,022	3,830,083	11,598,817	1,079,771	3,700,607	11,069,339
Maine	344,861	746,701	71,007	330,902	825,415	50,554	322,290	780,562
N. Hampshire	220,524	506,288	53,480	211,073	565,176	42,075	201,401	515,561
Vermont	133,032	292,550	28,439	131,103	331,730	23,562	127,061	307,216
Massachusetts	2,040,169	5,324,044	639,978	1,947,809	5,949,883	543,751	1,902,361	5,912,113
Rhode Island	342,760	919,538	112,729	331,609	1,026,377	101,231	321,008	902,326
Connecticut	924,812	2,683,657	358,789	871,407	2,901,236	309,598	820,426	2,651,337
Middle Atlantic	12,791,511	37,355,134	4,763,301	12,270,302	40,721,822	4,026,423	12,022,086	39,750,776
New York	6,537,319	20,015,459	2,702,209	6,203,398	21,437,148	2,265,751	6,100,261	21,202,010
New Jersey	2,061,056	6,036,480	720,213	1,993,768	6,028,354	615,496	1,941,010	6,453,503
Pennsylvania	4,193,136	11,303,195	1,340,819	4,073,136	12,656,320	1,145,176	3,974,815	12,094,303
E. N. Central	12,613,993	35,635,711	4,314,607	11,918,367	39,396,216	3,739,954	11,606,856	38,046,107
Ohio	3,213,204	9,053,107	1,079,002	3,090,503	10,095,564	949,747	2,977,078	9,636,409
Indiana	1,489,451	3,970,316	446,001	1,441,005	4,304,014	374,381	1,400,222	4,374,124
Illinois	3,871,396	11,839,400	1,578,607	3,600,962	12,959,004	1,344,871	3,610,255	12,510,300
Michigan	2,707,237	7,380,250	837,662	2,410,194	8,175,300	752,115	2,333,558	7,790,426
Wisconsin	1,332,645	3,302,629	373,185	1,285,103	3,802,274	318,840	1,267,743	3,704,835
W. N. Central	5,054,731	13,382,650	1,509,394	4,800,393	14,150,634	1,220,756	4,751,924	13,691,088
Minnesota	1,113,143	2,930,788	321,326	1,060,112	3,071,655	267,083	1,004,193	2,905,559
Iowa	948,756	2,573,459	284,944	923,294	2,736,718	210,059	954,063	2,736,521
Missouri	1,396,767	3,602,090	420,254	1,287,540	3,784,449	347,794	1,170,344	3,611,191
North Dakota	201,465	546,809	57,856	198,521	610,211	47,331	217,305	505,172
South Dakota	213,445	545,223	59,443	212,645	500,537	45,320	214,037	540,017
Nebraska	503,212	1,348,932	154,705	466,438	1,402,937	121,708	475,954	1,356,205
Kansas	677,835	1,829,340	204,776	645,843	1,948,127	173,592	654,628	1,888,733
South Atlantic	5,935,548	15,124,679	1,676,540	5,760,497	16,611,243	1,414,589	5,967,149	17,211,365
Delaware	126,584	322,502	73,900	122,255	485,701	72,360	120,793	448,332
Maryland	960,002	2,694,318	314,292	958,698	3,036,471	270,058	1,104,045	3,381,243
Dist. of Col.	431,551	1,276,150	167,712	330,450	1,128,555	124,884	390,604	1,376,898
Virginia	918,801	2,271,220	240,012	905,559	2,568,408	205,210	917,880	2,606,760
West Virginia	111,357	1,539,024	150,808	118,189	1,230,280	128,794	590,898	1,620,262
N. Carolina	918,643	2,098,719	201,703	901,457	2,359,574	177,614	900,710	2,335,044
S. Carolina	454,974	1,028,441	90,511	424,012	1,056,583	72,500	428,338	1,114,870
Georgia	762,366	1,834,569	203,838	741,220	2,000,766	161,964	725,497	2,064,469
Florida	773,070	1,979,727	233,665	749,657	2,184,806	192,187	770,284	2,293,408
E. S. Central	2,458,722	5,816,862	587,184	2,380,951	6,399,489	480,878	2,344,033	6,363,008
Kentucky	726,408	1,754,365	178,298	713,550	1,934,941	146,004	679,542	1,829,511
Tennessee	795,462	1,865,052	194,432	769,354	2,041,261	156,520	771,088	2,155,040
Alabama	643,182	1,523,984	147,828	616,539	1,679,746	121,400	610,931	1,634,742
Mississippi	203,580	673,661	66,656	281,508	743,541	50,054	282,472	743,415
W. S. Central	3,862,968	9,801,212	1,128,279	3,538,098	10,851,773	1,071,842	3,674,501	11,332,309
Arkansas	330,597	768,638	72,763	304,152	808,796	63,875	320,192	850,742
Louisiana	663,422	1,622,196	179,684	619,475	1,841,778	170,322	623,020	1,895,155
Oklahoma	625,258	1,529,732	154,120	577,105	1,719,212	153,110	600,921	1,713,487
Texas	2,243,091	5,805,745	721,707	2,037,306	6,482,687	684,526	2,124,368	6,803,925
Mountain	1,684,846	4,433,622	485,296	1,587,297	4,880,412	414,815	1,635,515	5,005,439
Montana	213,085	593,807	66,661	210,143	694,243	56,269	210,620	629,115
Idaho	208,128	490,631	49,056	190,204	519,785	38,408	187,650	529,931
Wyoming	96,535	281,391	32,328	99,279	320,222	29,868	101,625	327,108
Colorado	1,285,065	3,285,366	150,660	1,240,969	1,333,092	124,155	1,454,800	1,454,800
New Mexico	491,021	981,122	42,038	455,756	472,944	40,598	475,767	531,172
Arizona	215,898	564,075	59,622	206,128	660,433	55,497	203,174	642,640
Utah	232,765	601,185	54,193	221,326	653,441	43,480	216,304	630,231
Nevada	72,009	229,985	30,688	63,492	266,252	20,081	81,702	260,433
Pacific	6,172,709	17,717,901	2,284,925	5,519,842	19,114,147	1,953,449	5,446,542	18,710,015
Washington	1,018,941	2,804,714	338,268	902,167	2,970,439	200,582	906,262	2,949,803
Oregon	616,911	1,604,988	157,588	557,588	1,835,879	170,862	541,630	1,781,983
California	4,536,857	13,245,109	1,744,077	4,060,087	14,307,820	1,483,005	3,998,611	13,978,169
Hawaii	206,054	585,771	69,937	182,227	586,944	57,618	182,803	540,858

¹ Preliminary.² See note 2, table 869.³ Aggregates shown in this table differ somewhat from corresponding United States totals in other tables prepared from income tax returns of individuals, due to the use of rounded ratios in extending data from samples.

STATES AND TERRITORIES: 1947, 1948, AND 1949

and tax per capita, in thousands of dollars]

1949 1—Continued									DIVISION, STATE, OR TERRITORY
Tax	Average per return		Tax per capita of total popula- tion	Percent of popula- tion filing returns	Percent of U. S. total				
	Adjusted gross income	Tax			Popu- lation	Re- turns	Ad- justed gross income	Tax	
14,567,518	\$3,150	\$284	\$98	34.37	100.00	100.00	100.00	100.00	Total ³
981,264	2,991	265	106	39.80	6.22	7.21	6.84	6.74	New England.
56,172	2,422	174	62	35.46	.61	.63	.48	.39	Maine.
38,463	2,559	191	71	37.03	.36	.39	.32	.26	New Hampshire.
21,774	2,418	171	59	34.43	.25	.25	.19	.15	Vermont.
518,417	3,108	273	110	40.36	3.16	3.71	3.66	3.56	Massachusetts.
78,973	2,811	246	106	43.20	.60	.63	.56	.54	Rhode Island.
267,465	3,208	324	132	40.93	1.35	1.61	1.64	1.84	Connecticut.
3,800,445	3,306	316	127	40.21	20.02	23.42	24.58	26.09	Middle Atlantic.
2,137,040	3,472	350	148	42.43	9.04	11.90	13.11	14.67	New York.
590,326	3,325	304	121	39.83	3.26	3.78	3.99	4.05	New Jersey.
1,073,079	3,043	270	101	37.38	7.12	7.74	7.48	7.37	Pennsylvania.
3,487,275	3,278	300	116	38.51	20.18	22.61	23.53	23.94	East North Central.
879,644	3,237	295	110	37.26	5.35	5.80	5.96	6.04	Ohio.
371,821	3,104	264	93	35.28	2.67	2.75	2.70	2.55	Indiana.
1,226,823	3,457	339	145	42.84	6.66	7.06	7.74	8.42	Illinois.
700,399	3,326	300	110	36.74	4.25	4.55	4.80	4.81	Michigan.
308,588	2,970	243	92	37.70	2.25	2.47	2.33	2.12	Wisconsin.
1,121,253	2,881	236	80	33.84	9.40	9.26	8.47	7.70	West North Central.
238,292	2,813	224	80	35.75	1.99	2.07	1.85	1.64	Minnesota.
207,742	2,865	218	79	36.12	1.77	1.86	1.60	1.43	Iowa.
334,840	3,086	286	85	29.74	2.63	2.28	2.23	2.30	Missouri.
37,986	2,601	175	63	35.92	.41	.42	.35	.26	North Dakota.
36,833	2,515	171	57	33.12	.43	.42	.33	.25	South Dakota.
109,037	2,850	231	86	37.04	.86	.93	.84	.75	Nebraska.
155,623	2,886	238	80	33.62	1.30	1.28	1.17	1.07	Kansas.
1,413,300	2,884	237	71	29.90	13.36	11.62	10.64	9.70	South Atlantic.
77,209	3,712	639	248	38.84	.21	.24	.28	.63	Delaware.
290,284	3,061	263	133	50.79	1.46	2.15	2.09	1.99	Maryland.
141,467	3,472	357	163	45.59	.58	.77	.85	.97	District of Col.
203,112	2,842	221	65	29.67	2.08	1.79	1.61	1.30	Virginia.
109,570	2,714	184	56	30.75	1.30	1.16	1.00	.75	West Virginia.
165,890	2,575	183	43	23.47	2.59	1.77	1.44	1.14	North Carolina.
75,146	2,603	175	38	21.41	1.34	.83	.60	.52	South Carolina.
161,959	2,846	223	51	22.70	2.14	1.41	1.28	1.11	Georgia.
188,063	2,930	245	76	30.89	1.67	1.50	1.40	1.30	Florida.
461,127	2,715	197	41	20.97	7.48	4.57	3.93	3.16	East South Central.
132,087	2,692	195	40	23.49	1.94	1.32	1.13	.91	Kentucky.
158,539	2,796	206	49	23.84	2.16	1.50	1.33	1.09	Tennessee.
116,224	2,676	190	40	20.92	1.95	1.19	1.01	.80	Alabama.
53,677	2,632	190	25	13.26	1.43	.55	.46	.37	Mississippi.
1,034,783	3,084	282	72	25.47	9.66	7.16	7.01	7.10	West South Central.
57,636	2,636	177	29	16.61	1.81	.64	.63	.39	Arkansas.
167,711	3,042	269	64	23.69	1.76	1.21	1.17	1.15	Louisiana.
136,048	2,851	226	59	25.10	1.54	1.17	1.06	.93	Oklahoma.
673,388	3,231	317	89	28.20	5.04	4.14	4.24	4.62	Texas.
412,243	3,060	252	86	34.06	3.21	3.18	3.10	2.83	Mountain.
51,468	2,995	245	99	40.31	.35	.41	.39	.35	Montana.
30,364	2,824	210	66	31.70	.40	.36	.33	.27	Idaho.
28,461	3,219	280	100	35.78	.19	.20	.20	.20	Wyoming.
128,524	3,168	280	106	37.80	.81	.89	.60	.88	Colorado.
46,204	3,022	257	77	20.84	.39	.34	.33	.31	New Mexico.
50,452	3,163	248	68	27.27	.60	.39	.40	.35	Arizona.
42,750	2,914	198	63	31.72	.46	.42	.39	.29	Utah.
26,030	3,188	319	150	46.96	.12	.16	.16	.18	Nevada.
1,808,708	3,435	332	120	36.03	10.12	10.61	11.57	12.42	Pacific.
271,847	3,255	300	100	33.37	1.82	1.76	1.82	1.87	Washington ⁴ .
162,938	3,290	301	94	31.20	1.16	1.06	1.10	1.12	Oregon.
1,373,923	3,490	344	129	37.49	7.14	7.70	8.64	9.43	California.
47,120	2,959	258	92	35.84	.34	.36	.33	.32	Hawaii.

⁴ Includes Alaska.Source: Treasury Department, Bureau of Internal Revenue; *Statistics of Income*, Part 1.

No. 375.—INDIVIDUAL INCOME TAX RETURNS—ANALYSIS, BY ADJUSTED GROSS INCOME CLASSES: 1949

[Money figures, except average tax per return, in thousands of dollars. Data are preliminary. See headnote, table 369]

ADJUSTED GROSS INCOME CLASS ¹	Number of returns	Adjusted gross income ¹	Exemptions ²	Total tax	DISTRIBUTION OF TAX	
					Normal tax and surtax	Alternative tax
Total.....	51,301,910	161,373,205	79,774,918	14,538,141	13,464,556	1,073,585
Under \$500 nontaxable.....	3,132,744	889,438	2,631,162	—	—	—
\$500 under \$1,000 taxable.....	1,538,808	1,289,071	923,320	38,437	38,437	—
\$500 under \$1,000 nontaxable.....	3,044,324	2,195,486	3,936,801	—	—	—
\$1,000 under \$1,500 taxable.....	2,742,856	3,474,249	1,032,230	191,102	191,102	—
\$1,000 under \$1,500 nontaxable.....	2,787,486	3,436,407	4,040,639	—	—	—
\$1,500 under \$2,000 taxable.....	3,385,740	5,025,580	2,855,510	394,473	394,473	—
\$1,500 under \$2,000 nontaxable.....	2,406,414	4,235,413	5,281,917	—	—	—
\$2,000 under \$2,500 taxable.....	4,418,528	6,026,073	4,854,384	650,080	650,080	—
\$2,000 under \$2,500 nontaxable.....	1,680,378	3,809,515	4,496,696	—	—	—
\$2,500 under \$3,000 taxable.....	4,750,944	13,084,850	6,261,023	875,700	875,700	—
\$2,500 under \$3,000 nontaxable.....	1,278,796	3,457,881	3,715,230	—	—	—
\$3,000 under \$4,000 taxable.....	8,070,430	28,027,897	13,109,611	1,919,402	1,919,402	—
\$3,000 under \$4,000 nontaxable.....	1,126,724	3,804,749	3,810,023	—	—	—
\$4,000 under \$5,000 taxable.....	4,727,478	21,029,837	8,746,071	1,609,178	1,609,178	—
\$4,000 and over nontaxable.....	207,749	977,599	831,796	—	—	—
\$5,000 under \$10,000 taxable.....	4,837,794	30,970,696	9,164,735	3,030,306	3,030,306	—
\$10,000 under \$15,000.....	581,572	6,871,830	1,143,157	951,897	951,897	—
\$15,000 under \$20,000.....	220,420	3,783,153	437,845	625,709	625,709	—
\$20,000 under \$25,000.....	110,446	2,588,897	234,946	491,165	490,796	369
\$25,000 under \$50,000.....	171,261	5,763,891	345,788	1,401,017	1,358,247	62,770
\$50,000 under \$100,000.....	40,130	3,074,224	90,391	1,062,365	732,548	329,817
\$100,000 under \$150,000.....	3,028	961,006	15,111	407,379	215,786	191,593
\$150,000 under \$500,000.....	4,520	895,192	8,254	430,870	201,574	229,296
\$500,000 under \$500,000.....	775	289,204	1,386	165,141	62,072	93,069
\$500,000 under \$1,000,000.....	379	251,332	646	148,465	65,038	83,427
\$1,000,000 and over.....	120	255,509	186	140,459	63,215	83,244

ADJUSTED GROSS INCOME CLASS ¹	PERCENT DISTRIBUTION			Average total tax per return	Effective tax rate on adjusted gross income
	Returns	Adjusted gross income	Total tax		
Total.....	100.00	100.00	100.00	\$283	9.01
Under \$500 nontaxable.....	6.11	.55	—	—	—
\$500 under \$1,000 taxable.....	3.00	.80	.26	25	2.98
\$500 under \$1,000 nontaxable.....	5.93	1.39	—	—	—
\$1,000 under \$1,500 taxable.....	5.35	2.15	1.31	70	5.50
\$1,000 under \$1,500 nontaxable.....	5.43	2.13	—	—	—
\$1,500 under \$2,000 taxable.....	6.60	3.67	2.71	117	6.66
\$1,500 under \$2,000 nontaxable.....	4.69	2.62	—	—	—
\$2,000 under \$2,500 taxable.....	8.61	6.15	4.47	147	6.55
\$2,000 under \$2,500 nontaxable.....	3.29	2.36	—	—	—
\$2,500 under \$3,000 taxable.....	9.26	8.11	6.02	184	6.69
\$2,500 under \$3,000 nontaxable.....	2.49	2.14	—	—	—
\$3,000 under \$4,000 taxable.....	15.74	17.37	13.20	238	6.85
\$3,000 under \$4,000 nontaxable.....	2.20	2.36	—	—	—
\$4,000 under \$5,000 taxable.....	9.22	13.03	11.07	340	7.05
\$4,000 and over nontaxable.....	.40	.61	—	—	—
\$5,000 under \$10,000 taxable.....	9.43	19.19	20.91	628	9.81
\$10,000 under \$15,000.....	1.13	4.32	6.55	1,637	13.05
\$15,000 under \$20,000.....	.43	2.34	4.30	2,839	16.54
\$20,000 under \$25,000.....	.23	1.60	3.38	4,213	18.07
\$25,000 under \$50,000.....	.33	3.57	9.64	8,181	24.31
\$50,000 under \$100,000.....	.09	1.91	7.31	23,030	34.56
\$100,000 under \$150,000.....	.02	.60	2.80	50,745	42.39
\$150,000 under \$500,000.....	.01	.55	2.96	95,325	48.13
\$500,000 under \$500,000.....	(³)	.18	1.07	200,182	53.04
\$500,000 under \$1,000,000.....	(³)	.16	1.02	391,728	58.37
\$1,000,000 and over.....	(³)	.16	1.01	1,220,492	57.32

¹ See note 2, table 369.² Exemption is \$500 for the taxpayer, \$600 for the taxpayer's spouse if not dependent upon another person, and \$600 for each closely related dependent (specified by law) who had less than \$500 income and who received from the taxpayer more than half his support for the year, together with \$600 for blindness and \$600 for age 65 or over of the taxpayer or spouse.³ Less than 0.005 percent.Source: Treasury Department, Bureau of Internal Revenue; *Statistics of Income*, Part 1:

No. 376.—CORPORATION INCOME TAX RETURNS—SUMMARY: 1925 TO 1949

[Includes data for Alaska, District of Columbia, and Hawaii; based on returns as filed, prior to audit adjustments or other changes made after the returns were filed, as the result of carry-backs, relief granted under section 722 of the Internal Revenue Code, recomputation of amortization of emergency facilities, or renegotiation of war contracts. All corporations are required to file returns except those specifically exempt, such as mutual, fraternal, civic, and charitable organizations not operating for profit. Returns of inactive corporations are excluded from these tabulations, except as noted. In comparing data over a period of years, changes in law must be taken into consideration, especially discontinuance for 1934-41 of privilege of filing consolidated returns (except by railroad corporations and their related holding or leasing companies and, in 1940-41, by Pan American trade corporations) and the restoration of this privilege in 1942. See source publications for effect of changes on statistical items. For other corporation data based on income tax returns, see pp. 444-446 and 450. See also *Historical Statistics*, series P 152-164.]

[Money figures in millions of dollars]

ITEM	1925	1930	1935	1940	1945	1947	1948	1949 ¹
ALL INCOME AND DECLARED VALUE EXCESS PROFITS TAX RETURNS								
Number of returns (excluding inactive corporations).....	430, 072	463, 036	477, 113	473, 042	421, 125	551, 807	504, 243	614, 842
Total compiled receipts ²	134, 780	136, 588	114, 650	148, 237	255, 448	367, 746	410, 966	393, 450
Net income less deficit ³	7, 621	1, 551	1, 696	8, 919	21, 139	31, 423	34, 425	28, 195
Total tax liability.....	1, 170	712	735	2, 549	10, 795	10, 981	11, 920	9, 817
Income tax.....	1, 170	712	710	2, 144	4, 183	10, 981	11, 920	9, 817
Declared value excess profits tax.....			25	31	55			
Excess profits tax.....				374	6, 557			
Dividends paid in cash and assets other than own stock.....	5, 189	8, 184	5, 941	6, 089	6, 081	8, 365	9, 386	9, 074
RETURNS WITH NET INCOME								
Number of returns.....	252, 334	221, 420	164, 231	220, 977	303, 019	382, 531	395, 860	384, 772
Total compiled receipts ²	114, 087	80, 911	77, 639	125, 180	239, 046	343, 274	379, 309	350, 169
Net income ³	9, 584	6, 429	5, 165	11, 203	22, 165	33, 381	36, 273	30, 577
Total tax liability.....	1, 170	712	735	2, 549	10, 795	10, 981	11, 920	9, 817
Income tax.....	1, 170	712	710	2, 144	4, 183	10, 981	11, 920	9, 817
Declared value excess profits tax.....			25	31	55			
Excess profits tax.....				374	6, 557			
Dividends paid in cash and assets other than own stock.....	4, 817	6, 823	4, 661	5, 888	5, 918	8, 222	9, 279	9, 514
RETURNS WITH NO NET INCOME								
Number of returns ⁴	177, 738	241, 616	312, 882	252, 065	118, 106	160, 276	198, 383	230, 070
Total compiled receipts ²	20, 693	46, 677	37, 011	23, 056	16, 402	24, 472	31, 650	43, 231
Deficit ³	1, 993	4, 878	3, 469	2, 284	1, 026	1, 950	1, 848	2, 382
Dividends paid in cash and assets other than own stock.....	372	1, 361	1, 290	200	163	143	108	100
Inactive corporations, number of returns..	(⁵)	55, 700	56, 518	43, 741	33, 335	35, 876	36, 427	35, 115
TAXABLE EXCESS PROFITS TAX RETURNS ⁶								
Number of returns.....				13, 440	52, 097			
Excess profits net income.....				2, 998	14, 165			
Adjusted excess profits net income.....				912	8, 368			

¹ Preliminary.

² Total compiled receipts consist of gross sales (less returns and allowances), gross receipts from operations (where inventories are not an income-determining factor), all interest received on Government obligations (less amortizable bond premium), other interest, rents, royalties, excess of net short-term capital gain over net long-term capital loss, excess of net long-term capital gain over net short-term capital loss, net gain from sale or exchange of property other than capital assets, dividends, and other taxable income. Total compiled receipts exclude nontaxable income other than tax-exempt interest received on certain Government obligations.

³ Net income (or deficit), in general, represents taxable income less allowable deductions, except that for 1925 and 1930, and for 1940-47, amount shown is before deduction due to net operating loss of prior years. (For amounts of such deductions, see table 522, p. 445). Beginning 1936, dividends received on stock of domestic corporations are included in taxable income. For 1936 and later years, contributions or gifts are deductible in arriving at net income and are limited to 5 percent of net income before deduction.

⁴ Includes defense tax.

⁵ Number of returns with no net income, for 1925, includes returns of inactive corporations, not available separately.

⁶ For tax reported, see above.Source: Treasury Department, Bureau of Internal Revenue; *Statistics of Income*, Part 2.

No. 377.—CORPORATION INCOME TAX RETURNS, BY STATES AND TERRITORIES: 1948

[Money figures in thousands of dollars. See headnote and footnotes, table 376]

DIVISION, STATE, OR TERRITORY	Total number of returns ¹	RETURNS WITH NET INCOME				RETURNS WITH NO NET INCOME		
		Number of returns	Net income	Income tax	Dividends paid in cash and assets other than own stock	Number of returns	Deficit	Dividends paid in cash and assets other than own stock
Total	630,670	395,860	36,273,250	11,920,260	9,278,836	198,383	1,848,226	107,639
New England	55,742	34,349	2,261,730	651,484	548,357	19,504	155,794	6,277
Maine	3,967	2,449	114,669	38,495	27,199	1,330	11,764	431
New Hampshire	2,110	1,320	50,559	16,644	13,328	730	5,764	144
Vermont	1,454	900	37,021	8,283	4,296	526	3,080	401
Massachusetts	31,250	19,105	1,238,034	366,066	337,047	11,240	87,190	3,153
Rhode Island	4,985	2,980	208,946	73,187	42,371	1,683	14,208	347
Connecticut	11,967	7,496	612,501	158,270	120,218	3,995	33,709	1,801
Middle Atlantic	221,821	132,557	12,843,125	4,016,345	3,596,476	79,274	693,303	48,471
New York	158,148	93,070	9,045,680	2,790,900	2,783,220	58,346	488,300	38,587
New Jersey	35,282	20,016	1,082,391	286,683	202,929	12,977	91,747	3,453
Pennsylvania	28,391	18,871	2,715,154	938,702	610,327	7,951	113,250	6,431
East North Central	120,781	80,113	9,626,133	3,376,021	2,197,269	32,367	343,300	24,069
Ohio	30,552	21,352	2,503,913	877,940	608,037	8,067	85,893	6,222
Indiana	13,836	9,590	599,452	203,391	113,998	3,135	30,431	1,500
Illinois	39,844	25,902	3,193,507	1,126,094	768,348	11,300	180,079	12,437
Michigan	20,355	12,654	2,597,992	928,057	581,942	5,747	52,782	3,127
Wisconsin	16,193	10,615	731,209	239,423	127,946	4,118	24,118	723
West North Central	47,960	33,573	2,299,387	774,439	520,067	11,432	82,646	6,104
Minnesota	11,089	7,603	566,073	188,430	135,511	2,053	20,691	1,360
Iowa	7,721	5,519	258,541	78,375	46,643	1,619	10,062	1,467
Missouri	15,944	10,935	994,772	346,696	241,957	4,182	34,308	2,574
North Dakota	1,761	1,350	31,970	8,995	4,006	300	1,359	60
South Dakota	2,063	1,476	30,232	9,410	3,889	472	2,075	118
Nebraska	4,235	3,091	154,544	50,318	36,064	940	5,528	165
Kansas	5,147	3,619	262,355	92,215	51,997	1,176	8,623	330
South Atlantic	64,947	42,623	3,262,275	1,058,617	929,187	19,143	182,856	7,388
Delaware	2,631	1,704	705,614	189,931	379,602	769	14,065	2,152
Maryland	8,377	5,249	377,383	121,708	92,587	2,561	36,314	1,710
District of Columbia	3,545	2,120	162,176	51,822	42,350	1,260	11,561	259
Virginia	8,486	5,903	427,639	147,389	103,063	2,195	32,786	1,604
West Virginia	6,167	4,325	240,384	84,027	43,430	1,527	8,589	613
North Carolina	10,110	7,052	566,965	195,581	120,515	2,619	18,348	322
South Carolina	4,841	3,288	260,807	93,383	29,768	1,205	6,217	138
Georgia	7,489	5,302	319,679	111,550	82,545	2,004	15,350	709
Florida	13,301	7,590	201,638	63,226	35,267	5,003	39,626	981
East South Central	19,152	13,619	872,312	298,492	172,136	4,976	40,815	3,324
Kentucky	5,272	3,851	294,350	103,017	63,642	1,260	11,106	1,000
Tennessee	6,344	4,487	281,556	94,598	51,085	1,677	13,860	958
Alabama	4,528	3,172	223,068	77,035	44,139	1,249	9,741	224
Mississippi	3,008	2,109	72,738	23,842	12,670	790	6,108	242
West South Central	33,110	21,755	2,010,202	697,992	512,999	9,266	84,805	3,500
Arkansas	3,061	2,188	90,339	30,392	16,453	692	4,046	116
Louisiana	6,366	4,344	312,250	107,304	83,195	1,870	15,075	494
Oklahoma	5,112	3,408	447,287	159,749	97,372	1,301	10,979	769
Texas	13,601	11,755	1,100,326	400,547	315,979	5,453	54,705	2,121
Mountain	17,316	10,600	500,631	166,439	115,510	5,127	46,244	1,694
Montana	2,633	1,696	51,756	16,468	11,331	719	3,556	297
Idaho	1,892	1,064	58,554	19,244	12,910	435	3,945	128
Wyoming	1,166	872	24,636	7,720	7,056	249	1,398	150
Colorado	5,059	3,114	203,244	60,169	53,815	1,515	11,614	298
New Mexico	1,127	790	24,220	7,985	3,837	254	2,206	75
Arizona	1,872	1,056	42,730	14,237	7,041	696	6,744	83
Utah	2,779	1,598	75,654	25,242	17,049	855	11,267	348
Nevada	788	410	19,837	6,394	2,471	364	5,514	316
Pacific	48,272	25,808	2,533,537	860,269	666,857	16,752	207,510	6,296
Washington	10,453	5,180	359,224	117,565	73,764	3,339	27,185	858
Oregon	5,342	3,061	218,485	74,897	35,730	1,653	13,979	287
California	32,477	17,567	1,955,878	667,807	557,363	11,760	166,346	5,151
Alaska	350	157	4,213	1,380	734	108	1,460	-----
Hawaii	1,219	706	50,655	18,782	22,244	494	9,493	570

¹ Includes returns with net income, returns with no net income, and returns of inactive corporations.Source: Treasury Department, Bureau of Internal Revenue; *Statistics of Income*, Part 2.

No. 378.—CORPORATION INCOME TAX RETURNS—TOTAL COMPILED RECEIPTS, NET INCOME OR DEFICIT, AND TOTAL TAX, BY INDUSTRIAL DIVISIONS: 1925 TO 1948

[Money figures in millions of dollars. See headnote and footnotes, table 376]

YEAR	Total com- piled receipts, all returns	RETURNS WITH NET INCOME			RETURNS WITH NO NET INCOME		Total com- piled receipts, all returns	RETURNS WITH NET INCOME			RETURNS WITH NO NET INCOME	
		Num- ber	Net income	Total tax	Num- ber	Defi- cit		Num- ber	Net income	Total tax	Num- ber	Defi- cit
All industrial divisions ¹							Agriculture, forestry, and fishery ²					
1925.....	134, 780	252, 334	9, 584	1, 170	177, 738	1, 962	704	4, 662	77	9	5, 242	59
1930.....	136, 588	221, 420	6, 420	712	241, 616	4, 878	672	3, 475	40	4	6, 431	86
1935.....	114, 650	164, 231	5, 165	735	312, 882	3, 469	591	2, 321	44	6	6, 734	40
1940.....	148, 237	220, 977	11, 203	2, 549	252, 065	2, 284	643	3, 213	49	10	5, 187	32
1945.....	255, 448	303, 019	22, 165	10, 795	118, 106	1, 026	993	3, 865	150	64	2, 287	16
1946.....	288, 954	350, 310	27, 185	8, 875	131, 842	1, 992	1, 276	4, 260	205	68	2, 403	22
1947.....	307, 746	382, 531	33, 381	10, 981	109, 276	1, 059	1, 671	4, 444	239	77	2, 385	24
1948.....	410, 966	395, 860	36, 273	11, 920	198, 383	1, 848	1, 862	4, 553	246	79	3, 141	26
Mining and quarrying ²							Construction ²					
1925.....	4, 936	5, 488	454	55	13, 675	210	2, 309	9, 701	156	18	5, 637	43
1930.....	3, 010	4, 700	194	21	7, 533	238	3, 046	8, 873	151	15	6, 674	52
1935.....	2, 633	4, 527	163	23	6, 188	174	1, 496	4, 242	49	7	11, 808	56
1940.....	3, 204	3, 956	315	68	6, 427	109	2, 528	6, 716	102	23	9, 033	34
1945.....	3, 954	3, 694	300	118	3, 602	57	2, 948	7, 811	146	62	4, 023	33
1946.....	4, 300	4, 137	401	133	3, 538	66	4, 321	11, 101	270	84	4, 688	38
1947.....	6, 037	4, 954	860	292	3, 340	73	7, 048	14, 353	430	140	5, 934	39
1948.....	7, 907	5, 503	1, 222	414	3, 582	69	9, 380	10, 155	625	210	7, 325	48
Manufacturing							Public utilities ²					
1925.....	60, 021	54, 137	4, 383	547	34, 537	682	11, 911	14, 862	1, 469	186	8, 751	135
1930.....	58, 726	40, 041	2, 758	317	50, 863	1, 640	10, 027	12, 109	1, 334	157	9, 522	334
1935.....	47, 947	37, 976	2, 483	357	53, 700	666	11, 604	10, 000	927	129	14, 833	572
1940.....	69, 991	47, 108	5, 032	1, 553	38, 420	325	13, 710	11, 479	1, 592	362	10, 574	270
1945.....	141, 284	61, 680	10, 577	6, 112	17, 432	326	22, 663	12, 966	3, 134	1, 548	6, 770	197
1946.....	130, 422	72, 567	12, 681	4, 628	25, 564	987	22, 926	14, 395	2, 720	898	7, 428	383
1947.....	180, 325	74, 612	17, 516	6, 319	37, 572	864	26, 797	14, 857	3, 014	1, 013	8, 872	298
1948.....	200, 011	73, 638	18, 928	6, 822	43, 108	814	29, 676	15, 304	3, 594	1, 205	9, 921	146
Trade ²							Finance, insurance, real estate, and lessors of real property ²					
1925.....	39, 860	71, 910	1, 254	145	37, 678	288	10, 884	73, 246	1, 524	180	42, 701	456
1930.....	37, 217	59, 741	651	64	71, 746	739	13, 691	72, 102	1, 065	109	64, 477	1, 597
1935.....	37, 540	57, 813	767	109	87, 068	301	9, 124	33, 231	603	86	91, 702	1, 382
1940.....	47, 216	71, 766	1, 270	266	68, 083	188	9, 913	58, 988	2, 031	198	83, 614	1, 163
1945.....	60, 640	97, 550	3, 439	1, 902	23, 398	76	10, 827	90, 568	3, 756	667	45, 005	262
1946.....	96, 734	122, 132	5, 714	2, 028	29, 379	132	12, 392	102, 278	4, 289	737	42, 095	285
1947.....	123, 332	133, 192	6, 368	2, 221	44, 105	287	13, 835	105, 918	4, 114	648	45, 125	272
1948.....	137, 505	138, 304	6, 129	2, 128	58, 444	370	15, 474	112, 038	4, 762	814	48, 605	236
Services ²							Nature of business not allocable					
1925.....	2, 841	16, 571	246	28	12, 410	72	323	1, 757	20	2	17, 107	17
1930.....	4, 167	18, 741	234	24	19, 472	170	33	1, 040	2	(3)	1, 898	12
1935.....	3, 710	13, 358	127	18	36, 289	269	6	163	1	(2)	1, 560	9
1940.....	3, 846	10, 091	203	39	25, 294	95	124	1, 600	9	2	5, 433	58
1945.....	5, 972	22, 977	649	317	12, 130	47	166	1, 908	15	5	3, 459	11
1946.....	7, 374	26, 169	875	293	13, 479	72	213	2, 211	24	7	3, 298	7
1947.....	8, 496	28, 154	815	264	17, 821	92	206	2, 047	25	7	3, 622	10
1948.....	9, 018	29, 412	755	240	21, 044	125	122	953	12	4	3, 213	13

¹ A corporation is classified industrially according to the business reported on the return. When diversified activities are reported, the classification is determined by the industry which accounts for the largest percentage of total receipts.

² For changes in classification affecting comparability of data, see "Statistics of Income for 1938, Part 2."

³ Less than \$500,000.

Source: Treasury Department, Bureau of Internal Revenue; *Statistics of Income*, Part 2.

No. 379.—CORPORATION INCOME TAX RETURNS—NUMBER OF RETURNS, TOTAL PAID, BY INDUSTRIAL

(Money figures in thousands of dollars.)

Line number	MAJOR INDUSTRIAL GROUPS ¹	Total number of returns ²	RETURNS WITH NET INCOME	
			Number of returns	Total compiled receipts ³
1	All industrial groups.....	630,670	395,860	379,303,471
2	Agriculture, forestry, and fishery.....	8,122	4,553	1,642,670
3	Farms and agricultural services.....	7,408	4,213	1,582,245
4	Forestry.....	272	157	30,280
5	Fishery.....	442	183	30,144
6	Mining and quarrying.....	10,962	5,593	7,337,631
7	Metal mining.....	1,774	230	1,190,474
8	Anthracite mining.....	210	117	525,375
9	Bituminous coal and lignite mining.....	2,297	1,434	2,542,354
10	Crude petroleum and natural gas production.....	4,291	2,503	2,362,031
11	Nonmetallic mining and quarrying.....	2,390	1,159	717,397
12	Construction.....	24,826	16,155	8,518,993
13	General building contractors.....	5,962	3,388	2,407,090
14	General contractors other than building.....	3,056	2,178	2,125,815
15	General contractors not allocable.....	1,878	1,187	893,032
16	Special trade contractors.....	12,713	8,904	2,895,031
17	Other construction.....	1,217	498	137,335
18	Manufacturing.....	120,367	73,638	185,981,909
19	Beverages.....	3,605	1,751	4,820,025
20	Food and kindred products.....	11,528	6,931	26,177,734
21	Tobacco manufactures.....	230	123	3,007,437
22	Textile-mill products.....	6,205	4,161	11,828,790
23	Apparel and products made from fabrics.....	14,851	8,595	7,096,958
24	Lumber and wood products, except furniture.....	3,022	3,879	4,100,033
25	Furniture and fixtures.....	4,400	2,724	2,147,137
26	Paper and allied products.....	2,603	1,898	5,737,079
27	Printing, publishing, and allied industries.....	12,849	8,978	5,795,347
28	Chemicals and allied products.....	7,742	4,323	13,090,104
29	Petroleum and coal products.....	688	453	19,738,277
30	Rubber products.....	670	431	3,307,950
31	Leather and products.....	3,047	1,734	2,734,855
32	Stone, clay, and glass products.....	4,610	2,851	3,082,753
33	Primary metal industries.....	3,138	2,169	16,740,046
34	Fabricated metal products, except ordnance, machinery, and transportation equipment.....	9,564	6,320	9,009,132
35	Machinery, except transportation equipment and electrical.....	9,940	6,302	14,472,780
36	Electrical machinery and equipment.....	3,126	1,645	8,302,169
37	Transportation equipment, except motor vehicles.....	1,117	503	3,345,171
38	Motor vehicles and equipment, except electrical.....	1,405	807	13,533,793
39	Ordnance and accessories.....	59	20	219,769
40	Scientific instruments; photographic equipment; watches, clocks.....	11,714	999	1,828,673
41	Other manufacturing.....	11,574	5,855	4,232,701
42	Public utilities.....	26,917	15,304	27,482,955
43	Transportation.....	19,173	10,995	17,105,233
44	Railroads, railway express.....	725	425	10,725,249
45	Urban, suburban, and interurban railways (with or without buses).....	101	50	224,136
46	Trucking and warehousing.....	9,409	6,092	2,224,045
47	Other motor vehicle transportation, including taxicabs and buses.....	3,735	1,890	900,356
48	Pipeline transportation.....	168	112	306,424
49	Water transportation.....	1,725	968	1,746,031
50	Air transportation and allied services.....	1,175	330	430,874
51	Services incidental to transportation.....	1,020	1,062	458,066
52	Other transportation.....	217	60	30,104
53	Communication.....	4,586	2,265	3,776,284
54	Telephone (wire or radio).....	2,827	1,444	3,204,151
55	Telegraph (wire and radio).....	20	9	212,397
56	Radio broadcasting and television.....	1,507	801	358,712
57	Other communication.....	23	11	1,024
58	Electric and gas utilities.....	1,358	969	6,436,644
59	Electric light and power.....	738	535	5,062,023
60	Gas production and distribution, except natural gas production.....	622	434	1,384,621
61	Other public utilities.....	2,000	1,075	134,789
62	Water supply.....	1,607	892	117,518
63	Other public utilities.....	393	183	47,271

For footnotes, see p. 332.

INCOME TAX RETURNS

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COMPILED RECEIPTS, NET INCOME OR DEFICIT, INCOME TAX, AND DIVIDENDS GROUPS: 1948

See headnote and footnotes, table 376j

RETURNS WITH NET INCOME—Continued			RETURNS WITH NO NET INCOME				Line number
Net income ⁴	Income tax	Dividends paid in cash and assets other than own stock	Number of returns	Total compiled receipts ¹	Deficit ⁴	Dividends paid in cash and assets other than own stock	
36,273,250	11,920,260	9,278,836	198,383	31,656,177	1,848,226	107,639	1
245,694	79,060	61,941	3,141	219,272	26,148	1,209	2
233,002	75,559	59,178	2,808	198,577	23,819	1,150	3
9,269	2,488	2,251	102	4,015	657	6	4
3,333	1,013	512	231	16,080	1,672	53	5
1,221,825	413,678	457,796	3,582	569,364	68,842	6,274	6
282,277	88,281	155,839	670	84,697	10,823	683	7
42,107	12,631	18,066	86	63,460	2,332	3	8
318,597	113,038	75,796	729	171,980	8,971	1,089	9
460,206	167,417	171,529	1,424	204,496	40,718	4,325	10
118,638	42,311	35,960	673	44,725	5,998	174	11
625,246	210,111	66,518	7,325	870,132	48,226	963	12
142,942	49,313	15,005	2,019	258,962	13,631	88	13
203,164	69,567	24,970	774	195,270	9,736	608	14
61,657	20,740	5,653	509	87,745	5,034	52	15
206,188	67,060	19,346	3,546	305,425	18,045	206	16
11,205	3,441	944	417	22,724	1,780	9	17
18,928,473	6,821,585	4,603,273	43,168	14,029,497	814,485	33,499	18
510,994	189,181	106,556	1,027	516,677	43,043	7,790	19
1,222,361	443,412	347,482	4,264	5,408,370	114,355	10,542	20
243,782	91,426	89,049	102	33,023	2,048	63	21
1,554,012	576,468	292,227	1,917	616,101	46,317	1,338	22
349,645	121,764	88,744	6,077	1,309,971	71,740	1,423	23
567,813	196,147	98,817	1,986	466,489	20,265	753	24
195,005	70,244	34,252	1,003	304,450	22,275	414	25
798,787	295,838	170,226	658	268,652	14,780	617	26
616,198	215,974	154,815	3,519	484,388	38,385	1,272	27
1,728,534	609,526	537,538	3,088	558,489	46,566	1,686	28
2,000,180	660,044	702,739	181	228,900	17,142	730	29
262,315	92,207	65,718	220	81,937	7,345	105	30
168,434	57,448	41,287	1,271	420,264	26,937	931	31
549,486	202,687	124,836	1,342	157,056	18,977	333	32
1,746,435	644,825	364,967	884	264,080	17,191	1,678	33
1,070,028	390,510	216,237	3,020	460,252	40,413	1,396	34
1,800,259	668,698	382,133	3,266	591,588	58,705	1,634	35
923,936	339,091	205,684	1,361	450,781	47,804	1,946	36
270,965	96,628	96,543	493	441,310	38,532	1,150	37
1,708,263	628,472	361,479	486	214,470	25,186	1,109	38
83,100	12,427	7,476	27	17,950	1,927	174	39
227,655	80,499	69,259	673	118,333	14,942	2,485	40
300,286	137,979	75,209	5,010	670,966	65,051	2,485	41
3,594,232	1,204,804	1,437,658	9,921	2,193,465	146,212	14,918	42
1,846,225	649,661	407,609	7,060	1,940,229	126,506	10,281	43
1,231,267	442,619	274,908	187	367,165	34,827	202	44
13,633	4,659	5,309	42	260,350	12,895	1,344	45
179,402	59,261	21,174	2,928	271,551	13,037	238	46
100,680	31,469	39,400	1,711	240,292	14,686	961	47
67,690	24,635	13,212	94	41,478	851	234	48
175,097	61,725	37,510	610	940,480	24,485	5,502	49
19,330	5,263	1,952	721	315,570	18,462	1,546	50
56,468	19,191	13,832	762	104,598	6,840	191	51
2,758	949	312	65	4,736	513	3	52
539,006	135,611	400,014	1,819	107,029	12,472	276	53
489,005	118,088	387,348	15	24,285	2,345	144	54
1,099	278	1,268	15	24,844	1,768	8	55
48,743	17,205	11,384	544	58,333	8,340	129	56
9,159	40	14	9	165	19	19	57
1,177,202	409,692	618,749	306	124,907	5,486	4,290	58
942,787	324,976	479,093	143	71,802	2,604	3,731	59
234,415	84,716	139,050	163	53,105	2,792	659	60
31,799	9,840	11,286	736	14,700	1,658	71	61
27,136	8,603	10,677	675	9,848	914	53	62
4,663	1,237	609	161	4,854	744	18	63

No. 379.—CORPORATION INCOME TAX RETURNS—NUMBER OF RETURNS, TOTAL COM DUSTRIAL GROUPS:

[Money figures in thousands of dollars.]

Line number	MAJOR INDUSTRIAL GROUPS ¹	Total number of returns ²	RETURNS WITH NET INCOME	
			Number of returns	Total compiled receipts ³
64	Trade.....	201,161	138,304	126,237,227
65	Wholesale.....	66,362	44,144	61,360,750
66	Commission merchants.....	9,551	5,779	3,402,481
67	Other wholesalers.....	56,811	38,365	57,958,275
68	Retail.....	112,772	79,067	55,563,930
69	Food.....	8,821	5,006	11,426,055
70	General merchandise.....	6,990	5,291	14,934,673
71	Apparel and accessories.....	15,070	10,847	5,007,052
72	Furniture and house furnishings.....	9,262	6,647	2,087,874
73	Automotive dealers and filling stations.....	21,837	18,130	12,017,520
74	Drug stores.....	5,005	3,521	1,346,653
75	Eating and drinking places.....	14,304	6,563	1,403,114
76	Building materials and hardware.....	9,672	8,120	2,601,787
77	Other retail trade.....	21,810	14,936	4,044,091
78	Trade not allocable.....	22,027	15,093	9,312,532
79	Finance, insurance, real estate, and lessors of real property.....	169,032	112,038	14,548,902
80	Finance.....	38,405	28,843	5,419,035
81	Banks and trust companies.....	15,104	14,212	3,514,051
82	Credit agencies other than banks.....	13,946	8,577	791,442
83	Holding and other investment companies.....	7,759	5,267	984,057
84	Security and commodity-exchange brokers and dealers.....	1,597	787	128,855
85	Insurance carriers and agents.....	9,005	7,232	6,056,920
86	Insurance carriers.....	2,527	2,097	5,705,352
87	Insurance agents and brokers.....	7,078	5,135	380,549
88	Real estate, except lessors of real property other than buildings.....	114,580	72,099	2,740,361
89	Lessors of real property, except buildings.....	6,441	3,864	290,576
90	Services.....	54,473	29,412	7,460,049
91	Hotels and other lodging places.....	6,027	3,667	1,314,562
92	Personal services.....	11,599	6,796	1,206,188
93	Business services.....	10,500	5,811	1,714,722
94	Automotive repair services and garages.....	4,139	2,598	309,205
95	Miscellaneous repair services, hand trades.....	2,133	1,232	214,880
96	Motion pictures.....	5,491	3,551	1,650,955
97	Amusement, except motion pictures.....	6,548	2,498	552,702
98	Other services, including schools.....	7,736	3,259	530,835
99	Nature of business not allocable.....	15,110	853	90,225

¹ See note 1, table 378.² Includes returns with net income, returns with no net income, and returns of inactive corporations.³ See note 2, table 376.⁴ See note 3, table 376.Source: Treasury Department, Bureau of Internal Revenue; *Statistics of Income*, Part 2.

FILED RECEIPTS, NET INCOME OR DEFICIT, INCOME TAX, AND DIVIDENDS PAID, BY IN-1948—Continued

See headnote and footnotes, table 376]

RETURNS WITH NET INCOME—continued			RETURNS WITH NO NET INCOME				Line number
Net income ¹	Income tax	Dividends paid in cash and assets other than own stock	Number of returns	Total compiled receipts ²	Deficit ⁴	Dividends paid in cash and assets other than own stock	
6, 128, 574	2, 127, 938	1, 065, 634	58, 444	11, 268, 073	370, 213	12, 280	64
2, 415, 560	840, 185	409, 790	20, 696	6, 501, 204	186, 272	7, 077	65
175, 272	56, 600	34, 574	3, 504	469, 702	20, 057	799	66
2, 240, 288	783, 585	375, 225	17, 192	6, 031, 502	166, 215	6, 278	67
3, 246, 040	1, 132, 177	668, 580	31, 748	3, 870, 917	149, 241	3, 099	68
271, 382	97, 900	53, 403	3, 604	692, 206	16, 562	545	69
1, 131, 960	419, 663	289, 435	1, 561	265, 391	9, 043	592	70
261, 267	85, 276	48, 290	3, 971	445, 500	21, 888	386	71
125, 533	39, 105	15, 073	2, 518	289, 185	13, 056	386	72
937, 847	330, 272	81, 612	3, 284	506, 955	15, 265	223	73
47, 940	14, 760	11, 995	1, 384	130, 021	8, 479	126	74
60, 871	18, 322	12, 209	7, 442	663, 439	30, 090	645	75
191, 341	60, 651	26, 822	1, 474	151, 966	6, 100	141	76
218, 499	66, 319	29, 651	6, 510	725, 345	28, 758	955	77
400, 374	155, 576	87, 255	6, 000	895, 952	34, 700	1, 204	78
4, 761, 579	813, 575	1, 422, 396	48, 605	925, 567	236, 402	26, 512	79
1, 902, 977	424, 743	1, 038, 913	8, 255	181, 870	89, 074	19, 119	80
931, 498	272, 283	335, 525	660	67, 883	10, 134	6, 552	81
233, 591	77, 341	89, 278	4, 663	49, 244	30, 938	7, 240	82
715, 851	09, 809	597, 154	2, 233	18, 627	39, 122	4, 844	83
22, 037	5, 310	6, 956	699	46, 116	8, 880	483	84
1, 970, 356	133, 035	162, 776	2, 101	210, 989	18, 541	2, 183	85
1, 897, 948	111, 449	140, 227	355	173, 488	15, 523	2, 110	86
72, 408	21, 586	22, 549	1, 746	37, 501	3, 018	67	87
724, 966	198, 490	133, 073	36, 002	497, 584	115, 518	4, 622	88
163, 280	57, 307	97, 634	2, 247	35, 124	13, 269	588	89
755, 282	245, 907	162, 070	21, 044	1, 557, 925	124, 931	10, 788	90
131, 851	43, 739	22, 836	2, 160	231, 131	16, 608	578	91
80, 430	23, 180	14, 483	4, 467	285, 781	15, 150	217	92
152, 735	51, 151	32, 170	4, 083	269, 707	15, 273	244	93
33, 489	9, 356	2, 568	1, 407	62, 007	3, 684	61	94
16, 110	5, 071	920	854	33, 575	3, 310	8	95
211, 410	70, 885	64, 344	1, 600	404, 461	38, 503	9, 467	96
76, 607	26, 178	16, 536	3, 312	142, 924	17, 653	117	97
52, 750	16, 347	8, 204	3, 155	128, 339	14, 750	96	98
12, 345	3, 602	1, 550	3, 213	22, 882	12, 767	1, 196	99

No. 380.—FEDERAL GIFT TAX RETURNS—SUMMARY: 1944 to 1947

[Money figures and net gift classes in thousands of dollars]

ITEM	TOTAL				1947: TAXABLE RETURNS—NET GIFT CLASSES					1947 non-taxable returns, no net gifts
	1944	1945	1946	1947	Under 50	50-200	200-600	600-1,000	1,000 and over	
Number of returns ¹	18,397	20,005	24,826	24,857	5,872	700	145	21	18	18,035
Total gifts before exclusions.....	499,012	535,559	755,604	777,613	182,066	99,595	56,350	18,899	81,769	338,932
Real estate.....	70,840	77,397	111,675	119,273	33,177	11,177	3,399	20	145	71,355
Stocks and bonds.....	250,014	261,116	407,637	394,396	81,969	54,938	31,196	14,230	58,464	153,000
Cash.....	100,582	117,054	151,193	152,560	36,793	17,175	16,171	3,774	12,255	68,392
Insurance.....	8,508	8,604	9,013	9,314	1,287	209			10	3,769
Miscellaneous.....	69,068	71,387	75,286	102,070	26,091	15,017	5,375	870	10,895	43,816
Exclusions ²	87,840	94,347	119,946	121,761	34,572	6,468	1,557	351	501	78,222
Total gifts after exclusions.....	411,172	441,212	635,658	655,852	147,494	93,127	54,793	18,548	81,178	290,710
Deductions.....	262,752	271,586	370,412	399,318	86,379	20,558	9,254	2,221	25,297	259,710
Charitable gifts after exclusions.....	71,124	61,096	102,216	129,723	20,617	11,898	8,283	2,362	25,061	60,004
Specific exemption ³	191,629	209,590	268,196	260,596	59,763	8,661	970	59	36	200,107
Net gifts.....	148,420	169,625	265,246	256,534	67,116	72,569	45,540	16,127	55,182	-----
Tax.....	37,781	36,633	62,336	64,402	7,753	14,031	11,242	5,069	26,307	-----

¹ A return is required of every citizen or resident alien who transferred by gift during calendar year to any one donee property exceeding \$3,000 in value or who, regardless of value, made a gift of future interest in property. A nonresident alien is similarly required to file a return if gift consists of property situated in the United States.

² An exclusion is allowed of the first \$3,000 of gifts, except gifts of future interest in property, made to any one donee during calendar year.

³ 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. 381.—FEDERAL ESTATE TAX RETURNS—SUMMARY: 1932 to 1948

[All money figures in thousands of dollars. An estate tax return is required to be filed (1) for estate of every citizen and resident alien who died (a) in period Sept. 9, 1916, through 10:24 a. m., Feb. 26, 1926, or in period 5 p. m., June 6, 1932, through Aug. 30, 1935, the value of whose gross estate exceeds \$50,000; (b) in period 10:25 a. m., Feb. 26, 1926, through 4:59 p. m., June 6, 1932, the value of whose gross estate exceeds \$100,000; (c) in period Aug. 31, 1935 through Oct. 21, 1942, the value of whose gross estate exceeds \$40,000; and (d) on or after Oct. 22, 1942, the 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 after 5 p. m., June 6, 1932, is subject to 2 Federal estate taxes—basic tax and additional tax. Basic tax is computed at rates provided by Revenue Act of 1926, which rates are embodied in Internal Revenue Code 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]

FILING PERIOD	RETURNS FILED		GROSS ESTATE		NET TAXABLE ESTATE ¹		TAX ¹	
	Citizens ² and resident aliens	Non-resident aliens ³	Citizens ² and resident aliens	Non-resident aliens ³	Citizens ² and resident aliens	Non-resident aliens ³	Citizens ² and resident aliens	Non-resident aliens ³
1932.....	7,113	1,394	2,795,818	34,570	1,391,569	31,868	22,364	1,310
1933.....	8,727	1,548	2,026,931	34,025	970,868	30,056	59,429	1,986
1934.....	10,353	1,500	2,244,107	23,178	1,150,533	20,033	95,228	988
1935.....	11,110	1,014	2,435,282	24,609	1,316,898	22,888	153,763	1,703
1936.....	11,605	1,716	2,296,257	16,163	1,245,395	14,827	195,301	1,000
1937.....	15,037	1,995	2,767,739	26,019	1,622,618	23,995	305,784	2,065
1938.....	15,932	1,710	3,046,977	22,648	1,724,589	20,670	314,620	2,182
1939.....	15,221	1,705	2,746,143	21,745	1,537,975	20,347	276,707	2,231
1940.....	15,435	1,441	2,632,659	15,540	1,479,268	13,916	260,360	1,196
1941.....	15,977	1,145	2,777,657	15,783	1,561,215	14,553	291,758	1,641
1942.....	16,215	1,181	2,724,513	12,620	1,524,881	11,455	308,342	1,349
1943.....	15,187	846	2,627,367	10,471	1,396,697	8,703	362,164	1,212
1944.....	14,303	554	2,907,620	8,712	1,508,953	7,272	404,635	1,146
1945.....	15,898	652	3,436,901	13,524	1,900,150	10,907	531,052	1,876
1947.....	20,890	1,108	4,224,210	27,198	2,319,310	21,872	621,966	4,880
1948.....	23,350	1,025	4,774,783	16,266	2,584,595	12,602	714,707	1,825

¹ Net taxable estate for 1933 and subsequent years is net estate for additional tax plus 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 28, 1940, through Sept. 20, 1941.

² Excludes returns for estates of nonresident citizens who died prior to May 11, 1934.

³ Includes returns for estates of nonresident citizens who died prior to May 11, 1934.

⁴ No data compiled for 1946.

Source of tables 380 and 381: Treasury Department, Bureau of Internal Revenue; *Statistics of Income*, Part 1.

No. 382.—ESTATE TAX RETURNS FOR ESTATES OF CITIZENS AND RESIDENT ALIENS, FILED DURING 1944 TO 1948

[Money figures and net estate before specific exemption classes in thousands of dollars. See note 2, table 381. No data compiled for 1946]

ITEM	1944	1945	1947	Total, 1948	Nontax- able, 1948	TAXABLE, 1948						Taxable under 1941 and prior acts
						Taxed under 1942 act, by net estate before specific exemption classes ¹						
						60-100	100-200	200-600	600-1,000	1,000- 5,000	5,000 and over	
Number of returns.....	14, 303	15, 898	20, 899	23, 356	3, 614	9, 540	6, 293	3, 045	454	333	19	58
Gross estate, total.....	2, 907, 620	3, 436, 901	4, 224, 210	4, 774, 783	329, 457	874, 567	1, 016, 472	1, 130, 714	405, 310	719, 291	293, 892	5, 080
Real estate.....	440, 268	521, 570	763, 631	894, 504	96, 861	263, 913	288, 923	183, 594	44, 562	62, 527	12, 030	2, 084
Federal Government bonds.....	202, 004	280, 245	378, 936	434, 678	24, 848	73, 090	87, 141	107, 597	41, 517	73, 885	26, 113	128
State and municipal bonds.....	190, 654	195, 391	164, 925	154, 323	1, 655	4, 839	9, 863	26, 146	20, 282	70, 086	21, 449	4
Corporation bonds.....	120, 430	137, 059	111, 184	104, 472	5, 736	13, 913	21, 765	32, 713	11, 888	16, 542	1, 735	180
Capital stock of corporations.....	1, 422, 620	1, 358, 301	1, 627, 119	1, 772, 128	78, 620	195, 460	302, 881	461, 002	169, 828	363, 910	168, 737	1, 001
Mortgages, notes, and cash.....	417, 264	453, 532	577, 747	704, 022	56, 644	157, 538	163, 645	152, 015	45, 881	81, 039	48, 130	831
Insurance, taxable.....	201, 779	237, 212	329, 093	325, 424	27, 525	81, 475	99, 247	86, 080	16, 592	18, 572	15, 112	157
All other property.....	214, 672	244, 691	317, 665	385, 281	36, 569	84, 049	93, 247	86, 080	26, 700	42, 732	58, 587	684
Deductions, total.....	1, 437, 313	1, 570, 660	1, 941, 919	2, 246, 035	383, 732	715, 828	539, 955	347, 887	87, 307	111, 399	56, 274	3, 446
Funeral and administration expenses.....	125, 023	147, 759	193, 836	219, 553	18, 031	41, 044	47, 271	50, 576	17, 979	30, 395	14, 054	213
Debts, mortgages, and liens.....	218, 312	210, 555	231, 544	273, 889	52, 458	54, 548	57, 432	56, 880	22, 301	23, 896	7, 192	680
Losses during administration.....	339	259	263	823	419	98	165	114	19	7		
Support of dependents.....	12, 732	15, 764	24, 369	30, 932	2, 793	6, 568	7, 651	8, 226	2, 182	2, 679	820	12
Charitable, public, and similar bequests.....	201, 897	191, 701	185, 627	223, 125	62, 080	20, 201	28, 252	32, 785	14, 379	32, 350	33, 068	9
Property previously taxed, net deduction.....	39, 161	55, 272	54, 280	56, 864	7, 352	11, 348	16, 525	14, 725	3, 207	2, 592	2, 420	112
Specific exemption ²	839, 850	1, 252, 010	1, 399, 980	1, 565, 864	216, 400	572, 400	377, 580	182, 700	27, 240	19, 980	1, 140	2, 490
Disallowed deductions ³	5, 871	3, 796	3, 492	3, 492	1, 919	585	631	140	217	111, 899	56, 274	3, 446
Allowable deductions.....	1, 431, 442	1, 566, 864	1, 988, 947	2, 242, 543	381, 813	715, 243	539, 324	347, 447	87, 090	111, 899	56, 274	3, 446
Net estate before exemption ⁴	2, 316, 028	2, 819, 387	3, 537, 273	3, 932, 098	164, 043	731, 724	964, 727	365, 954	345, 459	627, 369	238, 759	4, 054
Net estate for basic tax ⁵	1, 108, 563	1, 807, 312	1, 805, 848	2, 026, 266	164, 043	1, 350	228, 552	662, 963	300, 191	594, 126	236, 858	264
Net estate for additional tax ⁶	1, 508, 768	1, 900, 046	2, 319, 029	2, 546, 400	164, 043	159, 324	477, 147	783, 204	318, 219	607, 389	237, 619	1, 529
Basic tax before tax credits.....	38, 710	81, 923	89, 085	108, 401	13	13	13	16, 915	12, 005	40, 656	36, 100	5
Additional tax before tax credits.....	393, 591	514, 200	604, 492	690, 896	13, 906	86, 451	192, 461	16, 915	12, 005	40, 656	36, 100	5
Total tax before tax credits.....	432, 301	596, 123	693, 587	799, 297	13, 919	86, 451	192, 461	16, 915	12, 005	40, 656	36, 100	5
Tax credits ⁷	47, 588	65, 079	71, 623	84, 559	2, 351	14, 086	29, 376	98, 328	234, 781	153, 605	129	129
Net tax.....	404, 624	531, 044	621, 963	714, 707	11	13, 870	86, 808	195, 340	88, 745	201, 998	127, 819	127
Defense tax.....	11	1	3	1								
Total tax liability.....	404, 635	531, 052	621, 966	714, 707	1	13, 870	86, 808	195, 340	88, 747	201, 996	127, 818	127

¹ Net estate classes are based on amount of net estate for additional tax plus specific exemption. (See note 2.)

² The specific exemption tabulated (a) for estates subject to additional tax is \$50,000 under 1942 act; \$40,000 under 1941, 1940, and 1935 acts; \$50,000 under 1934 and 1932 acts; and (b) for estates subject to earlier acts is \$100,000 under 1926 act; and \$50,000 under 1924 and prior acts.

³ Represents excess of total amount of funeral and administration expenses, debts of decedents, mortgages and liens, and support of dependents, over value of property includible in gross estate subject to claims.

⁴ Excess of gross estate over allowable deductions, exclusive of specific exemption.

⁵ Net estate after deducting specific exemption of \$100,000, except for returns filed under 1924 or prior acts for which specific exemption is \$50,000.

⁶ Applies only to estates of individuals who died subsequent to June 6, 1932.

⁷ Credits for (a) estate, inheritance, legacy, or succession taxes paid to States, etc., and (b) gift taxes paid to the Federal Government.

Source: Treasury Department, Bureau of Internal Revenue; *Statistics of Income*, Part 1.

No. 383.—PUBLIC DEBT OF THE UNITED STATES: 1800 TO 1951

[All figures except per capita in millions of dollars. On basis of public debt accounts prior to 1920 and on basis of daily Treasury statements for 1920 and thereafter. See also *Historical Statistics*, series F 132-143]

JUNE 30—	GROSS DEBT		Inter- est bear- ing ³	Mat- ured	Non- interest bear- ing ⁴	JUNE 30—	GROSS DEBT		Inter- est bear- ing ³	Mat- ured	Non- interest bear- ing ⁴
	Amount	Per capita ²					Amount	Per capita ²			
1800.....	83	\$15.87				1915.....	1,191	\$11.85	970	2	220
1810.....	53	7.46				1916.....	1,225	12.02	2,972	1	252
1820.....	91	9.58				1917.....	2,076	28.77	2,713	14	240
1830.....	40	3.83				1918.....	12,244	117.11	11,986	20	238
1840.....	4	.21				1919.....	26,482	242.54	25,234	11	236
1850.....	63	2.77				1920.....	24,290	228.23	24,063	7	230
1855.....	36	1.30				1921.....	23,977	220.01	23,739	11	228
1860.....	65	2.06				1922.....	22,663	208.65	22,710	25	228
1865.....	2,678	75.01	2,218	2	458	1923.....	22,350	190.64	22,007	90	244
1870.....	2,436	61.06	2,036	4	397	1924.....	21,251	186.23	20,081	30	239
1875.....	2,156	47.84	1,709	11	436	1925.....	20,616	177.12	20,211	30	275
1880.....	2,091	41.60	1,710	8	373	1926.....	19,643	167.32	19,384	13	240
1885.....	1,579	27.86	1,182	4	392	1927.....	18,512	155.51	18,253	15	245
1890.....	1,122	17.80	711	2	409	1928.....	17,604	146.09	17,318	45	241
1892.....	968	14.74	585	8	380	1929.....	16,931	139.04	16,639	51	241
1893.....	961	14.36	585	2	374	1930.....	16,185	131.51	15,922	32	232
1894.....	1,017	14.89	635	2	380	1931.....	16,801	135.45	16,520	52	230
1895.....	1,097	15.76	716	2	370	1932.....	19,487	156.10	19,161	60	208
1896.....	1,223	17.25	847	2	374	1933.....	22,539	179.48	22,158	66	315
1897.....	1,227	16.99	847	1	378	1934.....	27,053	214.07	26,480	54	518
1898.....	1,233	16.77	847	1	384	1935.....	28,701	225.55	27,445	231	825
1899.....	1,437	19.21	1,046	1	389	1936.....	33,779	263.79	32,989	169	920
1900.....	1,263	16.60	1,023	1	239	1937.....	36,425	282.75	35,800	119	506
1901.....	1,222	15.74	987	1	233	1938.....	37,165	286.27	36,576	141	447
1902.....	1,178	14.88	931	1	246	1939.....	40,440	308.98	39,886	142	411
1903.....	1,150	14.38	915	1	244	1940.....	42,968	325.23	42,876	205	386
1904.....	1,136	13.83	895	2	239	1941.....	48,961	367.09	48,387	205	399
1905.....	1,132	13.51	895	1	236	1942.....	72,422	537.13	71,068	98	356
1906.....	1,143	13.37	895	1	246	1943.....	136,606	990.83	135,380	141	1,175
1907.....	1,147	13.10	895	1	251	1944.....	201,003	1,452.44	199,543	201	1,259
1908.....	1,178	13.28	898	4	276	1945.....	268,682	1,848.60	266,357	269	2,067
1909.....	1,148	12.69	913	8	232	1946.....	260,422	1,905.42	268,111	376	935
1910.....	1,147	12.41	913	2	231	1947.....	258,286	1,792.05	255,113	231	2,942
1911.....	1,154	12.29	915	2	237	1948.....	252,292	1,720.71	250,063	280	1,949
1912.....	1,194	12.52	964	2	228	1949.....	252,770	1,694.75	250,762	245	1,704
1913.....	1,193	12.27	966	2	226	1950.....	257,357	1,696.61	255,200	265	1,883
1914.....	1,188	11.99	978	2	219	1951.....	255,222	1,653.37	252,852	512	1,863

JUNE 30—	INTEREST-BEARING DEBT							
	Total	Bonds		Notes †	Certifi- cates of indebt- edness, Treasury bills	Special issues to Govt. agencies and trust funds	Computed—	
		U. S. savings	Other				Annual interest charge	Annual interest rate (per- cent)
1925.....	20,211	-----	16,842	2,740	533	95	830	4.105
1930.....	15,922	-----	12,111	1,626	1,420	764	606	3.807
1935.....	27,645	62	14,874	10,023	2,053	633	751	2.718
1940.....	42,376	2,905	27,012	6,383	1,302	4,775	1,095	2.583
1942.....	71,968	10,188	38,588	9,703	5,604	7,885	1,644	2.285
1943.....	135,380	21,256	58,164	16,663	28,425	10,871	2,679	1.979
1944.....	199,543	34,606	80,132	26,962	43,557	14,287	3,849	1.929
1945.....	256,357	45,586	107,140	33,633	51,177	18,812	4,904	1.936
1946.....	268,111	49,035	119,929	24,972	51,843	22,332	5,351	1.996
1947.....	255,113	51,367	121,607	13,702	41,071	27,366	5,374	2.107
1948.....	250,063	53,274	114,464	15,769	36,345	30,211	5,455	2.182
1949.....	250,762	56,260	112,306	8,456	40,964	32,776	5,606	2.236
1950.....	255,209	57,536	104,490	28,876	31,951	32,350	5,613	2.200
1951.....	252,852	57,572	93,881	43,624	23,123	34,653	5,740	2.270

¹ Figures for 1800-50 are as of Jan. 1.

² Revised in accordance with Bureau of Census estimated population for continental United States as of July 1 of each year beginning 1850.

³ Excludes bonds issued to Pacific railways and Navy pension fund.

⁴ Includes old demand notes; U. S. notes (gold reserve deducted since 1900); postal currency and fractional currency less amounts officially estimated to have been destroyed; and also deposits held by Treasury for various purposes. Excludes gold, silver and currency certificates, and Treasury notes of 1890 for redemption of which an exact equivalent of the respective kinds of money or bullion was held in the Treasury.

⁵ Less than \$500,000. ⁶ Includes old Treasury (war) saving securities for 1925.

Source: Treasury Department; *Annual Report of the Secretary and Statement of the Public Debt* published in *Daily Statement of the U. S. Treasury*.

DEBT

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No. 384.—PUBLIC AND PRIVATE DEBT: 1929 to 1950

[In billions of dollars. Data as of end of calendar year except for State and local government debt as of June 30. See general note, p. 303]

YEAR	Public and private, total	PUBLIC			PRIVATE						
		Total	Federal	State and local	Total	Corporate		Individual and noncorporate			
						Long-term	Short-term	Mortgage		Nonmortgage	
								Farm	Non-farm ¹	Farm ²	Non-farm ³
GROSS DEBT											
1929.....	214.4	34.8	17.5	17.2	179.6	56.6	50.4	9.6	31.7	2.6	28.7
1930.....	214.8	35.8	17.3	18.5	179.0	61.1	46.3	9.4	32.7	2.4	27.1
1931.....	204.0	38.6	19.1	19.5	165.4	60.1	40.3	9.1	31.7	2.0	22.3
1932.....	196.3	42.4	22.8	19.6	153.8	58.8	37.3	8.5	30.1	1.6	17.5
1933.....	191.7	47.5	27.7	19.8	144.2	57.2	35.2	7.7	27.6	1.4	15.2
1934.....	198.4	57.0	37.9	19.2	141.4	53.2	37.4	7.6	26.8	1.3	15.1
1935.....	201.4	61.0	41.7	19.3	140.4	52.0	37.8	7.4	26.1	1.5	15.6
1936.....	207.0	64.7	45.1	19.6	142.3	50.5	40.4	7.2	25.7	1.4	17.1
1937.....	209.8	67.4	47.8	19.6	142.3	51.5	38.7	7.0	25.7	1.6	17.8
1938.....	204.8	67.0	47.4	19.6	137.8	52.8	33.9	6.8	25.9	2.2	16.2
1939.....	208.9	70.1	50.1	20.0	138.8	52.1	34.7	6.6	26.3	2.2	16.8
1940.....	216.8	73.8	53.6	20.2	142.9	51.2	37.7	6.5	27.2	2.6	17.7
1941.....	243.3	89.2	69.0	20.2	154.1	51.2	45.3	6.4	28.4	2.9	18.8
1942.....	300.8	142.9	123.2	19.7	157.9	50.2	56.2	6.0	27.9	3.0	14.7
1943.....	365.1	205.4	186.7	18.7	159.8	48.4	62.0	5.4	27.2	2.8	14.1
1944.....	431.7	271.2	253.7	17.5	160.5	47.0	62.0	4.9	27.0	2.8	16.8
1945.....	464.2	309.2	292.6	16.6	155.0	45.3	54.2	4.7	27.9	2.5	20.5
1946.....	459.4	288.1	272.1	15.9	171.3	48.4	60.0	4.8	33.6	2.8	20.9
1947.....	487.7	286.6	260.8	16.8	201.1	55.0	73.2	4.9	40.1	3.5	24.4
1948.....	500.2	276.7	258.0	18.7	223.5	62.8	75.9	5.1	46.6	5.5	27.7
1949.....	516.7	287.0	266.1	20.9	229.7	66.4	69.1	5.4	51.9	6.4	30.5
1950.....	558.7	290.0	266.4	23.6	268.7	69.9	88.9	5.8	61.0	6.2	36.9
NET DEBT											
1929.....	191.1	29.7	16.5	13.2	161.5	47.3	41.6	9.6	31.7	2.6	28.7
1930.....	191.4	30.6	16.5	14.1	160.8	51.1	38.2	9.4	32.7	2.4	27.1
1931.....	182.6	34.0	18.5	15.5	148.6	50.3	33.2	9.1	31.7	2.0	22.3
1932.....	175.7	37.9	21.3	16.6	137.8	49.2	30.8	8.5	30.1	1.6	17.5
1933.....	169.7	41.0	24.3	16.7	128.8	47.9	29.1	7.7	27.6	1.4	15.2
1934.....	172.6	46.3	30.4	15.9	126.3	44.6	30.9	7.6	26.8	1.3	15.1
1935.....	175.9	50.5	34.4	16.0	125.4	43.6	31.2	7.4	26.1	1.5	15.6
1936.....	181.4	53.9	37.7	16.2	127.5	42.5	33.5	7.2	25.7	1.4	17.1
1937.....	183.3	55.3	39.2	16.1	127.9	43.5	32.3	7.0	25.7	1.6	17.8
1938.....	180.8	56.5	40.5	16.0	124.3	44.8	28.4	6.8	25.9	2.2	16.2
1939.....	184.5	58.9	42.6	16.3	125.6	44.4	29.2	6.6	26.3	2.2	16.8
1940.....	190.8	61.3	44.8	16.5	129.6	43.7	31.9	6.5	27.2	2.6	17.7
1941.....	212.6	72.6	56.3	16.3	140.0	43.6	39.8	6.4	28.4	2.9	18.8
1942.....	260.7	117.5	101.7	15.8	143.2	42.7	49.0	6.0	27.9	3.0	14.7
1943.....	314.3	169.3	154.4	14.9	145.0	41.0	54.5	5.4	27.2	2.8	14.1
1944.....	371.6	226.0	211.9	14.1	145.7	39.8	54.3	4.9	27.0	2.8	16.8
1945.....	407.3	266.5	252.7	13.7	140.8	38.3	47.0	4.7	27.9	2.5	20.5
1946.....	398.8	243.3	220.7	13.6	155.5	41.3	52.2	4.8	33.6	2.8	20.9
1947.....	419.5	237.7	223.3	14.4	181.8	46.1	62.8	4.9	40.1	3.5	24.4
1948.....	435.3	232.7	216.5	16.2	202.6	62.5	65.3	5.1	46.6	5.5	27.7
1949.....	445.6	236.7	218.6	18.1	208.9	55.4	59.3	5.4	51.9	6.4	30.5
1950.....	484.0	239.1	218.7	20.4	244.9	58.2	76.8	5.8	61.1	6.1	36.9

¹ Data are for noncorporate borrowers only.

² Comprises non-real-estate farm debt contracted for productive purposes and owed to institutional lenders.

³ 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 upon data from various governmental agencies); *Survey of Current Business*, October 1950 and September 1951.

No. 385.—COMPUTED INTEREST CHARGE AND COMPUTED INTEREST RATE ON FEDERAL SECURITIES: 1930 TO 1951

[Dollar amounts in millions. Based on *Daily Treasury Statement*. See also *Historical Statistics*, series P 137 and P 133 for charge and rate on interest bearing debt]

END OF FISCAL YEAR	TOTAL INTEREST-BEARING SECURITIES				COMPUTED ANNUAL INTEREST RATE					
	Amount out- standing		Computed annual interest charge		Total interest- bearing securities	Public debt				Guaran- teed se- curities ¹
	Public debt and guaran- teed secu- rities ¹	Public debt	Public debt and guaran- teed secu- rities ¹	Public debt		Total public debt	Total market- able issues ²	Non- market- able issues ³	Special issues	
1930-----	15,922	15,922	606	606	3.807	(4)	(4)	(4)	(4)	(4)
1935-----	31,768	27,645	863	751	2.710	(4)	(4)	(4)	3.289	(4)
1940-----	47,874	42,376	1,203	1,095	2.533	(4)	(4)	(4)	3.027	1,978
1945-----	256,766	256,357	4,969	4,964	1.936	1.936	1.718	2.473	2.436	1,321
1946-----	268,578	268,111	5,357	5,351	1.996	1.996	1.773	2,567	2,448	1,410
1947-----	255,197	255,113	5,370	5,374	2.107	2.107	1.871	2,593	2,510	1,758
1948-----	250,132	250,063	5,457	5,455	2.182	2.182	1.942	2,623	2,588	1,924
1949-----	250,785	250,762	5,606	5,606	2.236	2.236	2.001	2,629	2,606	2,210
1950-----	255,226	255,209	5,613	5,613	2.200	2.200	1.958	2,569	2,580	2,684
1951-----	252,879	252,852	5,740	5,740	2.270	2.270	1.981	2,623	2,606	2,656

¹ Excludes guaranteed securities held by Treasury.

² Includes bills, certificates, notes, treasury bonds, postal savings bonds, Panama Canal bonds and, prior to 1947, conversion bonds.

³ U. S. savings bonds, Series A-E are considered to yield 2.90 percent per annum, and Series F, 2.53 percent.

⁴ Not available.

Source: Treasury Department; *Treasury Bulletin*.

No. 386.—OWNERSHIP OF U. S. GOVERNMENT SECURITIES, DIRECT AND FULLY GUARANTEED, AS OF JUNE 30: 1925 TO 1951

[Par value.¹ In millions of dollars. Holdings of Federal Reserve Banks and U. S. Government agencies and trust funds are reported figures; holdings of other investor groups for 1940-1951 are estimates by Treasury Department]

ITEM	1925	1930	1935	1940	1945	1949	1950	1951
Gross debt, total ² -----	20,516	16,185	32,824	48,496	259,115	252,798	257,377	255,251
U. S. Government agencies and trust funds: ³								
Special issues-----	95	764	633	4,778	18,812	32,776	32,356	34,653
Public issues-----	434	237	1,389	2,605	6,128	5,612	5,474	6,305
Held by the public-----	19,887	15,184	30,802	41,410	234,175	214,510	219,547	214,293
Federal Reserve Banks-----	553	591	2,433	2,469	21,792	19,843	18,331	22,982
Commercial banks ⁴ -----	4,632	4,977	12,716	16,100	54,200	63,000	65,000	68,400
Mutual savings banks-----	1,128	519	1,842	3,100	9,600	11,600	11,000	10,000
Insurance companies-----	(5)	(5)	2,600	6,500	22,700	20,600	19,800	17,000
Other corporations-----	(5)	(5)	(5)	2,100	22,900	15,100	18,300	20,200
State and local governments ⁵ -----	(5)	(5)	(5)	400	5,300	8,000	8,700	9,400
Individuals: ⁷								
Savings bonds-----	(5)	(5)	(5)	2,600	40,700	48,800	49,900	40,000
Other securities-----	(5)	(5)	(5)	7,600	18,300	18,100	17,400	16,200
Miscellaneous investors ⁸ -----	(5)	(5)	(5)	700	8,900	10,000	10,000	10,900

¹ Holdings of commercial banks and mutual savings banks for 1925 to 1935 are reported book values, and holdings of residual investors therefore deviate from par values in these years. U. S. savings bonds, Series A-F, included at current redemption value.

² Includes all securities issued or guaranteed by U. S. Government, but excludes guaranteed securities held by the Treasury.

³ Includes Postal Savings System.

⁴ Consists of commercial banks, trust companies, and stock savings banks in United States and in Territories and insular possessions. Figures exclude securities held in trust departments.

⁵ Not available separately. Combined totals of these items as follows: 1925, \$13,874,000,000; 1930, \$9,097,000,000; and 1935, \$11,511,000,000.

⁶ Comprises trust, sinking, and investment funds of State and local governments and their agencies, and Territories and insular possessions.

⁷ Includes partnerships and personal trust accounts.

⁸ Includes savings and loan associations, dealers and brokers, corporate pension funds, nonprofit institutions, and investments of foreign balances and international accounts in this country.

Source: 1925 to 1935, Board of Governors, Federal Reserve System; *Banking and Monetary Statistics*. 1940-51, Treasury Department, monthly data published currently in *Treasury Bulletin* and *Federal Reserve Bulletin*.

GOVERNMENTAL SECURITIES

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No. 387.—INTEREST-BEARING GOVERNMENTAL SECURITIES—ESTIMATED OWNER-SHIP OUTSTANDING, BY ISSUER: 1943 TO 1951

[Par value. In billions of dollars. Figures represent par values except in the case of data which include U. S. savings bonds, Series A-F, which are included on basis of current redemption values]

JUNE 30--												
Total amount outstanding	HELD BY BANKS		Held by U. S. Government investment accounts	HELD BY PRIVATE NONBANK INVESTORS								
	Commercial banks	Federal Reserve Banks		Total	Individuals ¹	Insurance companies	Mutual savings banks	Corporations ²	State and local governments ³	Miscellaneous investors ⁴		
Total all governmental securities												
1943-----	159.9	56.3	7.2	15.5	80.8	37.7	14.9	6.5	13.5	5.3	3.9	
1944-----	219.8	72.5	14.9	19.9	112.6	52.5	18.9	7.5	20.4	6.6	6.8	
1945-----	274.2	88.5	21.8	25.4	138.5	65.2	23.8	9.7	22.4	8.2	9.3	
1946-----	285.4	89.5	23.8	29.6	142.5	69.1	25.8	11.6	18.0	8.9	9.2	
1947-----	272.3	75.4	21.9	33.3	141.7	72.2	25.5	12.2	14.3	9.5	8.0	
1948-----	269.4	70.8	21.4	36.3	140.9	72.3	23.9	12.2	13.9	10.3	8.3	
1949-----	272.2	69.7	19.3	38.7	144.5	74.9	22.1	11.8	15.6	10.7	9.4	
1950-----	279.8	73.6	18.3	38.2	149.6	75.6	22.0	11.7	18.8	12.2	9.3	
1951-----	280.9	67.8	23.0	41.6	148.7	74.6	19.5	10.4	20.8	13.1	10.2	
Securities of U. S. Government and Federal instrumentalities guaranteed by U. S. ⁵												
1943-----	139.5	52.2	7.2	14.3	65.7	29.6	13.1	5.3	12.9	1.5	3.4	
1944-----	201.1	68.4	14.9	19.1	98.6	44.6	17.3	7.3	19.9	3.2	6.4	
1945-----	256.8	84.2	21.8	24.9	125.9	57.6	22.7	9.6	21.9	5.3	8.9	
1946-----	268.6	84.4	23.8	29.1	131.2	62.0	24.9	11.5	17.6	6.5	8.8	
1947-----	255.2	70.0	21.9	32.8	130.5	65.2	24.6	12.1	13.9	7.1	7.6	
1948-----	260.1	64.6	21.4	35.8	128.4	64.5	22.8	12.0	13.5	7.8	7.8	
1949-----	250.8	63.0	19.3	38.3	130.1	66.0	20.5	11.6	15.1	8.0	8.9	
1950-----	255.2	65.6	18.3	37.8	133.5	66.3	19.8	11.6	18.3	8.7	8.8	
1951-----	252.9	58.4	23.0	41.0	130.6	64.1	17.0	10.2	20.2	9.4	9.6	
Securities of Federal instrumentalities not guaranteed by United States ⁶												
1943-----	1.9	.6	-----	.6	.7	.6	(?)	(?)	.1	-----	(?)	
1944-----	1.5	.6	-----	.2	.7	.6	(?)	(?)	.1	-----	(?)	
1945-----	1.0	.5	-----	(?)	.5	.4	(?)	(?)	.1	-----	(?)	
1946-----	1.1	1.0	-----	-----	.1	.1	(?)	(?)	(?)	-----	(?)	
1947-----	.5	.4	-----	-----	.1	.1	(?)	(?)	.1	-----	(?)	
1948-----	.8	.6	-----	-----	.2	.1	(?)	.1	(?)	-----	(?)	
1949-----	.9	.7	-----	-----	.2	.1	(?)	.1	(?)	-----	(?)	
1950-----	.7	.6	-----	-----	.1	.1	(?)	(?)	(?)	-----	(?)	
1951-----	1.3	.8	-----	(?)	.5	.4	(?)	.1	(?)	-----	(?)	
Securities of State and local governments, Territories, and possessions ⁷												
1943-----	18.5	3.5	-----	.6	14.4	7.5	1.8	.2	.5	3.8	.5	
1944-----	17.3	3.5	-----	.6	13.3	7.3	1.6	.2	.4	3.4	.4	
1945-----	16.4	3.8	-----	.5	12.1	7.2	1.1	.1	.4	2.9	.4	
1946-----	15.7	4.1	-----	.5	11.2	7.0	.9	.1	.4	2.4	.4	
1947-----	16.6	5.0	-----	.5	11.1	6.9	.9	.1	.4	2.4	.4	
1948-----	18.4	5.6	-----	.5	12.3	7.7	1.1	.1	.4	2.5	.5	
1949-----	20.5	6.0	-----	.4	14.2	8.8	1.6	.1	.5	2.7	.5	
1950-----	23.8	7.4	-----	.4	16.0	9.2	2.2	.1	.5	3.5	.5	
1951-----	26.7	8.6	-----	.6	17.6	10.1	2.5	.1	.6	3.7	.6	

¹ Includes partnerships, personal trust accounts. ² Exclusive of banks and insurance companies.

³ Comprises trust, sinking, and investment funds of State and local governments, Territories, and possessions.

⁴ Includes savings and loan associations, non-profit associations, corporate pension trust funds, dealers and brokers, and investment of foreign balances and international accounts in this country.

⁵ Data on daily Treasury statement basis. Since data exclude noninterest bearing debt, they differ slightly from those in table 386. Includes special issues to Federal agencies and trust funds, and excludes guaranteed securities held by Treasury.

⁶ Includes Electric Home and Farm Authority notes, Federal intermediate credit bank debentures, Central Bank for Cooperatives debentures, Federal National Mortgage Association notes, home loan bank debentures, War Finance Corporation bonds (World War I), and joint stock land bank bonds. Includes Federal land bank bonds only through June 30, 1946; on June 27, 1947, the U. S. proprietary interest in these banks ended. Excludes stocks and interagency loans.

⁷ Less than \$50 million. ⁸ Excludes obligations of the Philippine Islands after June 30, 1946.

Source: Treasury Department, *Annual Report of the Secretary*.

No. 388.—INTEREST-BEARING SECURITIES ISSUED BY ALL GOVERNMENTAL UNITS IN THE UNITED STATES—ESTIMATED AMOUNTS OUTSTANDING, BY TAX STATUS AND ISSUER: 1913 TO 1951

[U. S. Govt. data on basis of public debt accounts prior to 1920; beginning 1920, on basis of Daily Treasury Statement. "Total amount outstanding" of securities of the several issuers differs from gross indebtedness of these issuers in that former excludes noninterest-bearing debt. "Total privately held securities" differs from net indebtedness of borrowers in several additional respects. Former derived by deducting from total amount of interest-bearing securities outstanding the amount of such securities held by Federal agencies, Federal Reserve Banks, and by public sinking, trust, and investment funds. Net indebtedness derived by deducting from gross indebtedness an amount equivalent to total volume of sinking fund assets of respective borrowers, with no allowance for any other public assets. For exception to par value, see table 387]

[Par value. In millions of dollars]

JUNE 30—	Total	TAX STATUS				ISSUER					
		Tax-exempt			Tax- able ³	U. S. Govt. special issues	U. S. Govt.	Federal instrumen- talities		State local, and territorial govern- ments ⁶	
		Total	Whol- ly ¹	Par- tially ²				Guaran- teed ⁴	Non- guaran- teed ⁵		
TOTAL AMOUNT OUTSTANDING											
1913.....	5,523	5,523	5,523	-----	-----	966	-----	-----	4,557		
1915.....	6,420	6,420	6,420	-----	-----	970	-----	-----	5,450		
1920.....	32,253	32,253	11,303	20,950	-----	24,063	-----	401	7,790		
1925.....	34,681	34,588	16,045	17,941	95	20,211	-----	1,606	12,965		
1930.....	35,943	35,179	23,606	11,573	764	15,022	-----	1,871	18,150		
1935.....	53,283	52,650	34,446	18,204	633	27,645	4,123	2,899	19,116		
1938.....	63,001	60,320	32,278	28,042	6	36,576	4,853	2,262	19,310		
1939.....	67,352	63,583	30,873	32,710	9	39,886	5,450	2,265	19,761		
1940.....	70,117	65,327	30,240	35,087	15	42,376	5,498	2,199	20,044		
1941.....	76,054	62,855	26,823	36,032	7,979	6,120	48,387	6,360	2,200		
1942.....	98,244	58,594	25,498	33,066	31,766	7,885	71,908	4,549	2,210		
1943.....	159,858	55,322	20,052	32,270	98,605	10,871	135,380	4,092	1,852		
1944.....	219,826	47,326	19,837	27,489	158,213	14,287	199,543	1,516	1,453		
1945.....	274,191	42,847	17,191	25,656	212,632	18,812	256,387	409	1,008		
1946.....	285,407	37,250	15,916	21,335	225,824	22,332	268,111	467	1,093		
1947.....	272,274	37,685	16,746	20,989	207,222	27,366	255,197	(⁷)	497		
1948.....	269,358	36,389	18,563	17,826	202,758	30,211	250,132	(⁷)	827		
1949.....	272,199	36,887	20,760	16,187	202,536	32,776	250,785	(⁷)	876		
1950.....	276,776	36,841	23,964	12,877	210,879	32,355	255,226	(⁷)	746		
1951.....	280,887	36,120	26,844	9,276	210,114	34,653	252,879	(⁷)	1,320		

PRIVATELY HELD SECURITIES

a. 1913-35: Includes holdings by trust and investment funds of States, localities, territories, and possessions.

1913.....	4,902	4,902	4,902	-----	-----	906	-----	-----	3,996
1915.....	5,675	5,675	5,675	-----	-----	901	-----	-----	4,774
1920.....	30,420	30,420	10,024	20,396	-----	23,476	-----	235	6,709
1925.....	31,914	31,914	14,748	17,167	-----	19,328	-----	1,384	11,202
1930.....	31,786	31,786	20,714	11,072	-----	14,303	-----	1,705	15,719
1935.....	45,782	45,782	29,172	16,610	-----	28,502	3,787	1,471	17,052

b. 1938-51: Excludes holdings by trust and investment funds of States, localities, territories, and possessions.

1938.....	50,340	50,335	25,351	24,984	6	29,249	4,528	1,415	15,148
1939.....	53,553	53,545	24,166	29,379	9	31,344	5,104	1,421	15,624
1940.....	55,005	54,989	23,884	31,105	15	32,601	5,212	1,365	15,746
1941.....	60,229	52,614	20,568	32,046	7,615	37,364	6,096	1,885	15,394
1942.....	78,671	48,800	19,398	29,402	29,873	53,103	4,261	1,886	14,911
1943.....	131,846	46,488	17,688	28,900	85,258	112,682	3,806	1,292	14,088
1944.....	178,440	46,342	15,555	24,788	138,098	162,535	1,335	1,267	13,302
1945.....	218,815	37,080	13,770	23,310	181,735	204,374	403	1,007	13,830
1946.....	223,191	32,710	13,035	19,675	190,481	208,748	458	1,093	12,892
1947.....	207,577	(⁶)	13,804	(⁶)	(⁶)	193,406	(⁷)	497	13,674
1948.....	201,450	(⁶)	15,537	(⁶)	(⁶)	185,219	(⁷)	827	15,410
1949.....	203,428	(⁶)	17,823	(⁶)	(⁶)	185,154	(⁷)	876	17,398
1950.....	210,974	(⁶)	20,029	(⁶)	(⁶)	190,322	(⁷)	746	19,066
1951.....	203,276	(⁶)	22,448	(⁶)	1,316	170,532	(⁷)	1,316	22,423

¹ Securities the income from which is exempt from both normal and surtax rates of Federal income tax.

² Securities the income from which is exempt only from normal rates of Federal income tax.

³ Securities the income from which is subject to both normal and surtax rates of Federal income tax.

⁴ Excludes securities held by Treasury.

⁵ Includes Electric Home and Farm Authority notes, Federal intermediate credit bank debentures, Central Bank for Cooperatives debentures, Federal National Mortgage Association notes, home loan bank debentures, War Finance Corporation bonds (World War I), and joint stock land bank bonds. Includes Federal land bank bonds only through June 30, 1946; on June 27, 1947, United States proprietary interest in these banks ended. Excludes stocks and interagency loans.

⁶ Wholly tax-exempt. Excludes obligations of Philippine Islands after June 30, 1946.

⁷ Included with U. S. Govt.

⁸ Not available.

Source: Treasury Department, *Annual Report of the Secretary*.

No. 389.—SECURITIES OTHER THAN WORLD WAR I OBLIGATIONS OF FOREIGN GOVERNMENTS OWNED BY THE U. S. GOVERNMENT: JUNE 30, 1951

[All figures in thousands of dollars. On basis of face value of securities received by United States, with due allowance for repayments. To extent that securities are not held in the custody of Treasury, statement is made from reports received from other Government departments and establishments]

SECURITY	Amount	SECURITY	Amount
Total face amount.....	18,810,110	Other securities—Continued	
Capital stock.....	1,705,145	Federal Housing Administration:	
Banks for cooperatives.....	178,500	Mortgage notes and contracts on sales	
Commodity Credit Corporation.....	100,000	of acquired real estate.....	23,178
Defense Homes Corporation.....	10,000	Stock in rental and war housing cor-	
Export-Import Bank of Washington.....	1,000,000	porations.....	413
Federal Crop Insurance Corporation.....	27,000	Title I defaulted notes.....	47,427
Federal Farm Mortgage Corporation.....	10	Federal Security Agency: Student war	
Federal home loan banks.....	10,000	loans.....	1,079
Federal intermediate credit banks.....	60,000	General Services Administration (Public	
Federal National Mortgage Association ¹	20,000	Works Administration): ² Loans to	
Federal Savings and Loan Insurance Cor-		States, municipalities, railroads, and	
poration.....	100,000	others.....	87,114
Inland Waterways Corporation.....	14,000	Housing and Home Finance Adminis-	
Panama Railroad Company.....	(2)	trator:	
Production credit corporations.....	30,235	Alaska housing program loans.....	3,097
Public Housing Administration.....	1,000	Community facilities service loans.....	1,608
Reconstruction Finance Corporation.....	100,000	Interior Department: Indian loans.....	11,031
Smaller War Plants Corporation.....	44,400	Public Housing Administration:	
War Damage Corporation ³	1,000	Public war housing program.....	14,947
Paid-in surplus⁴.....	2,150	Farm Security Admin. program.....	2,320
Federal intermediate credit banks.....	1,150	Puerto Rico Reconstruction Admini-	
Federal National Mortgage Association ¹	1,000	strator:	
Bonds and notes.....	9,026,681	Loans.....	8,944
Commodity Credit Corporation.....	2,555,000	Certificates of Cofetores de Puerto Rico.	5
Economic Cooperation Administration.....	1,006,796	Reconstruction Finance Corporation	
Export-Import Bank of Washington.....	1,039,600	affiliate, assets held for U. S. Treas-	
Housing and Home Finance Adminis-		ury:	
trator: Slum clearance program.....	3,000	Loans.....	980
Federal National Mortgage Association.....	1,549,003	Other securities.....	3,007
Prefabricated housing loans program.....	26,670	Rural Electrification Administration: Loans	
Public Housing Administration.....	489,000	for rural electrification and rural tele-	
Reconstruction Finance Corporation.....	274,051	phone service.....	117,524
Rural Electrification Administration.....	1,526,715	Treasury Department:	
Secretary of Agriculture: Farmers' Home		Railroads.....	5,950
Administration program.....	57,836	Securities recd. by Bur. Int. Rev. in	
Secretary of the Army: Natural fibers		settlements of tax liabilities.....	1
revolving fund.....	100,000	Advances to Federal Reserve Banks.....	27,546
Tennessee Valley Authority.....	44,000	Subscriptions to International Bank	
Veterans' Administration (direct loan		for Reconstruction and Develop-	
program).....	107,109	ment and to International Mone-	
Defense Production Act of 1950:		tary Fund.....	3,385,000
General Services Administration.....	150,000	Credit to United Kingdom.....	3,750,000
Reconstruction Finance Corporation.....	7,400	Veterans' Administration: Guaranteed	
Secretary of the Interior (Defense Min-		loans to veterans.....	17,184
erals Administration).....	500	Virgin Islands Corporation, The: Loans	
Other securities.....	8,098,134	to aid agriculture and industry.....	14
Department of the Army: Guaranteed		Defense Production Act of 1950: Depart-	
loans (World War I).....	5,231	ment of the Army: Guaranteed loans.....	2,761
Department of the Navy: Guaranteed		Less:	
loans, (World War II).....	489	Face amount of above securities acquired	
Disaster loans, etc., revolving fund		by Government corporations or agen-	
(Farmers' Home Administration): Crop,		cies from funds or by exchange for	
livestock and commodity loans.....	29,023	obligations.....	22,000
Farm Credit Administration: Loans		Capital stock:	
from Agricultural Marketing Act re-		Housing and Home Finance Admin-	
volving fund.....	73,820	istrator ¹	20,000
Farmers' Home Administration: Loans		Reconstruction Finance Corpora-	
to aid agriculture.....	477,242	tion.....	1,000
		Paid-in surplus: Housing and Home	
		Finance Administrator ¹	1,000
Amount due United States from central branch Union Pacific R. R. on account of bonds issued (Pacific			
R. R. Aid Bonds Acts, approved July 1, 1862, July 2, 1864, and May 7, 1878):			
Principal.....			1,600
Interest.....			1,493
Total.....			3,093

¹ Funds of Housing and Home Finance Administrator.

² Issued to United States as of July 1, 1948, a receipt for \$1 as evidence of ownership of the Corporation by United States. Remainder of capital stock, \$6,999,999, included in surplus.

³ Reconstruction Finance Corporation funds.

⁴ Excludes net payments from Treasury, or transfer of assets authorized by law, for which no formal receipts or other evidence of payments are held by Secretary of the Treasury in stock and nonstock corporations amounting to \$1,175,291,000.

⁵ Includes loan amounting to \$2,112,000.

⁶ Reserves amounting to \$216,694,000 established against these securities.

⁷ Formerly shown under Federal Works Agency.

Source: Treasury Department, *Annual Report of the Secretary*.

No. 390.—U. S. SAVINGS BONDS—TOTAL SALES AND REDEMPTIONS OF ALL SERIES FROM INCEPTION OF PROGRAM THROUGH DEC. 31, 1951

[In millions of dollars. On basis of Daily Treasury Statement. Sales at issue price; redemptions and amount outstanding at current redemption values. Series A-D bonds sold from March 1935 through April 1941; Series E, F, and G bonds sold since May 1, 1941]

SERIES	Sales ¹	Accrued discount	Sales plus accrued discount	Redemptions ²	AMOUNT OUTSTANDING		Percent of redemptions to sales plus accrued discount
					Matured debt	Interest-bearing debt	
Total, Series A-G	95,638	6,771	102,409	44,670	152	57,587	-----
Matured series, total	3,949	1,054	5,003	4,851	152	-----	-----
Series A	204	52	255	253	2	-----	-----
Series B	370	93	463	459	5	-----	-----
Series C	1,010	204	1,274	1,258	16	-----	-----
Series D	2,365	646	3,011	2,881	130	-----	-----
Unmatured series, total	91,689	5,717	97,406	39,819	-----	57,587	40.88
Series E	63,520	5,252	68,773	34,045	-----	34,727	49.50
Series F	4,912	404	5,376	1,523	-----	3,853	28.33
Series G	23,257	-----	23,257	4,251	-----	19,006	18.23

¹ Beginning with June 1947, Series E sales include small amounts of unclassified sales consisting of Series B, F, and G. Prior to June 1947, it was possible to distribute by series all sales reported as unclassified in Daily Treasury Statement.

² Series E redemptions include small amounts of unclassified Series A-D redemptions beginning with October 1944, and small amounts also of unclassified F and G redemptions, beginning with June 1947.

Source: Treasury Department; *Treasury Bulletin*, February 1952.

No. 391.—U. S. SAVINGS BONDS—AMOUNTS OUTSTANDING, SALES, AND REDEMPTIONS AND MATURITIES, FOR FISCAL YEARS 1940 TO 1951

[In millions of dollars. Includes data for series A-D not shown separately; these series have not been issued since April 1941]

PERIOD	Amount outstanding at end of period	FUNDS RECEIVED FROM SALES DURING PERIOD				Redemptions and maturities during period (all series)
		All series	Series E	Series F	Series G	
Year ending June:						
1940	2,905	1,109	-----	-----	-----	114
1941	4,314	1,492	203	67	305	148
1942	10,188	5,994	3,520	435	2,032	207
1943	21,256	11,789	8,271	788	2,759	848
1944	34,606	15,498	11,820	802	2,876	2,371
1945	46,686	14,891	11,663	679	2,658	4,288
1946	49,035	9,612	6,739	407	2,465	6,717
1947	51,387	7,208	4,287	360	2,601	6,546
1948	53,274	6,235	4,026	301	1,907	5,113
1949	55,260	7,141	4,278	473	2,390	5,067
1950	57,536	5,673	3,993	231	1,449	5,422
1951	57,572	6,143	3,272	347	1,523	6,137
Quarter:						
1949—March	55,893	1,836	1,239	87	510	1,285
June	56,260	1,373	1,012	67	304	1,294
September	56,600	1,353	1,006	47	305	1,276
December	56,707	1,267	951	43	273	1,277
1950—March	57,331	1,812	1,127	96	500	1,546
June	57,536	1,236	909	46	281	1,523
September	57,396	1,077	831	32	214	1,517
December	58,019	1,049	801	243	905	1,454
1951—March	57,764	1,221	895	48	279	1,741
June	57,572	895	745	25	126	1,420
September	57,458	807	755	23	119	1,509
December	57,587	947	790	28	123	1,170

Source: Treasury Department; monthly data published currently in *Treasury Bulletin* and *Federal Reserve Bulletin*.

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No. 392.—U. S. SAVINGS BONDS—SALES OF SERIES E, F, AND G, BY STATES, FROM INCEPTION OF PROGRAM THROUGH DECEMBER 31, 1951

[In thousands of dollars. Data are for calendar years and represent issue price on basis of Daily Treasury Statement]

STATE	SERIES E SAVINGS BONDS ¹				SERIES F AND G SAVINGS BONDS			
	1941-51, total	1949	1950	1951	1941-51, total	1949	1950	1951
Total.....	63,520,214	4,207,598	3,668,087	3,190,490	28,169,220	1,625,732	2,406,344	770,130
Alabama.....	674,853	31,312	27,779	24,609	205,278	12,075	15,836	7,106
Arizona.....	221,164	13,976	12,157	9,578	63,773	4,431	4,835	3,020
Arkansas.....	393,847	24,263	20,472	17,146	120,616	7,414	7,413	4,162
California.....	4,778,341	265,004	222,895	178,399	1,690,710	94,414	102,523	36,381
Colorado.....	504,853	36,100	30,426	22,008	231,264	15,168	18,858	7,700
Connecticut.....	1,070,050	50,837	48,069	46,504	522,059	25,495	36,493	11,148
Delaware.....	145,892	9,130	8,032	6,403	94,537	4,615	6,940	2,487
District of Columbia.....	768,631	43,867	41,858	35,242	243,085	13,898	22,229	7,686
Florida.....	752,288	44,667	41,976	34,053	304,495	19,152	23,562	11,488
Georgia.....	748,063	41,078	35,428	33,015	246,798	14,188	15,467	8,273
Idaho.....	188,278	9,382	6,983	4,602	63,773	4,457	5,448	1,938
Illinois.....	4,899,214	379,317	329,891	261,841	2,259,099	165,740	189,143	80,065
Indiana.....	1,680,646	111,466	90,021	88,411	677,871	51,830	56,029	26,985
Iowa.....	1,044,328	150,888	103,970	76,711	779,015	69,514	56,476	36,258
Kansas.....	964,068	80,939	61,463	43,994	347,978	30,207	22,702	15,380
Kentucky.....	676,022	44,993	38,012	31,608	349,031	25,235	24,399	12,342
Louisiana.....	672,166	36,910	32,081	26,041	253,053	11,974	17,269	8,463
Maine.....	265,633	14,554	12,913	11,071	157,067	8,396	10,074	3,079
Maryland.....	788,136	41,063	39,682	37,032	395,605	21,323	25,292	8,282
Massachusetts.....	2,002,219	110,166	102,269	90,442	1,336,256	67,380	108,411	23,730
Michigan.....	3,308,455	201,095	195,844	193,313	800,054	52,842	64,410	26,752
Minnesota.....	1,343,780	93,110	75,740	54,197	573,796	41,025	46,067	18,545
Mississippi.....	408,598	22,350	18,324	15,385	136,171	7,176	7,607	4,989
Missouri.....	1,057,840	128,040	107,584	86,746	758,173	52,484	53,655	27,927
Montana.....	315,259	24,891	17,329	12,378	97,705	7,414	7,731	3,550
Nebraska.....	828,055	74,538	56,844	45,272	364,444	30,270	39,104	18,487
Nevada.....	72,465	3,801	3,650	3,178	27,305	1,771	2,443	1,093
New Hampshire.....	165,703	7,763	7,046	7,085	104,936	4,712	6,852	1,310
New Jersey.....	2,326,777	153,359	148,099	130,461	841,941	54,444	52,719	25,356
New Mexico.....	146,339	9,344	8,556	7,068	52,230	3,512	3,607	2,035
New York.....	7,656,301	406,010	454,479	389,848	4,477,662	249,415	363,389	93,227
North Carolina.....	790,721	39,711	35,431	32,299	291,983	14,043	15,213	7,604
North Dakota.....	333,000	27,941	18,230	13,606	114,792	8,375	8,009	3,944
Ohio.....	3,813,451	242,409	220,192	214,457	1,505,567	96,080	99,393	44,552
Oklahoma.....	760,553	55,454	47,086	36,328	216,993	17,289	18,177	9,323
Oregon.....	724,211	35,634	28,996	22,627	220,421	12,336	18,301	7,019
Pennsylvania.....	4,880,300	324,821	317,514	300,783	2,115,715	124,204	129,084	65,161
Rhode Island.....	334,867	18,320	17,248	14,332	196,137	8,062	12,614	2,848
South Carolina.....	388,947	20,147	17,022	16,196	139,416	6,421	8,718	3,321
South Dakota.....	361,647	35,681	24,086	18,465	115,850	11,080	7,565	5,801
Tennessee.....	725,963	39,065	32,513	28,330	272,104	16,031	20,755	8,628
Texas.....	2,383,330	139,045	121,277	95,581	730,777	46,384	49,974	26,342
Utah.....	258,462	12,639	11,099	9,968	58,806	4,405	4,303	1,728
Vermont.....	95,311	4,540	3,768	3,703	58,475	3,071	3,632	1,598
Virginia.....	1,057,725	55,166	51,838	49,651	338,863	15,350	16,112	7,975
Washington.....	1,177,284	62,824	52,621	44,743	384,281	21,352	36,728	10,644
West Virginia.....	578,355	41,571	38,766	37,555	151,279	9,197	10,098	5,589
Wisconsin.....	1,418,146	97,475	82,874	66,739	734,859	53,630	56,185	25,590
Wyoming.....	131,692	9,465	8,181	6,346	46,344	3,262	2,767	1,678
Alaska.....	230,075	-----	-----	-----	25,349	-----	-----	-----
Canal Zone.....	42,114	3,493	3,158	1,990	7,416	277	146	51
Hawaii.....	300,102	10,114	9,545	11,728	70,932	1,044	3,628	1,299
Puerto Rico.....	41,957	927	1,102	1,284	14,215	73	206	83
Virgin Islands.....	2,021	43	56	59	944	-----	1	100
Other possessions.....	4,393	1,129	798	-----	980	26	14	-----
Sales to commercial banks ²	-----	-----	-----	-----	1,767,101	-----	445,326	-----
Adjustment to Daily Treasury Statement.....	+802,331	+174,298	+118,821	+137,362	+32,930	-20,994	+1,858	-10,010

¹ Beginning with June 1947, includes small amounts of unclassified sales consisting of Series E, F, and G.² Cumulative through Mar. 31, 1947.³ Commercial banks were eligible to purchase Series F and G for limited amounts during certain months. Sales not distributed by States.

Source: Treasury Department; Annual Report of the Secretary and Treasury Bulletin.

No. 393.—GOVERNMENT CORPORATIONS AND CREDIT AGENCIES—PRINCIPAL ASSETS AND LIABILITIES AS OF SEPTEMBER 30, 1951
[In millions of dollars. Includes figures for certain business-type activities of U. S. Government]

CORPORATION OR AGENCY	ASSETS, OTHER THAN INTERAGENCY ITEMS ¹						LIABILITIES, OTHER THAN INTERAGENCY ITEMS				U. S. Gov-ernment inter-est	Pri-vately owned inter-est	
	Total	Cash	Loans receiv-able	Com-mo-dities, sup-plies, and materials	Investments		Land, struc-tures, and equip-ment	Other assets	Bonds, notes and debentures payable				Other liabil-ities
					U. S. Gov't. securi-ties	Other securi-ties ²			Fully guar-anteed by U. S.	Other			
Total³	25,668	659	13,906	1,515	2,236	3,472	3,025	854	34	1,399	949	22,962	322
Department of Agriculture:													
Farm Credit Administration:													
Banks for cooperatives	426	23	353		43		(⁴)	6		117	1	285	23
Federal intermediate credit banks	848	30	742		67			9		787	9	52	
Production credit corporations	56	1			41	13		(⁴)			(⁴)	55	
Agricultural Marketing Act Revolving Fund			1										
Federal Farm Mortgage Corporation	35	2	32					1	1		1	34	
Rural Electrification Administration	1,777	33	1,692				(⁴)	52			1	1,777	
Commodity Credit Corporation	2,149	10	490	1,238			109	293	1		163	1,985	
Farmers' Home Administration ⁴	595	70	456		1		(⁴)	67			6	589	
Federal Crop Insurance Corporation	40	30						9			2	37	
Housing and Home Finance Agency:													
Home Loan Bank Board:													
Federal home loan banks	1,041	20	747		271	(⁴)	(⁴)	3		495	247	(⁴)	299
Federal Savings and Loan Insurance Corporation	201	1		(⁴)	195			4			4	197	
Home Owners' Loan Corporation	2	2							1	(⁴)	(⁴)		
Public Housing Administration	1,904	69	590	(⁴)		(⁴)	1,254	21			16	1,888	
Federal Housing Administration	412	37	24		277	(⁴)	1	71	31		197	183	
Office of the Administrator:	1,728	(⁴)	1,715				(⁴)	12			2	1,726	
Federal National Mortgage Association	77	10	29				34	4			1	77	
Other													
Reconstruction Finance Corporation:													
Assets held for U. S. Treasury ⁵	784	2	1	140		3	583	55				784	
Other ⁷	860	12	731		1	71	1	45			69	791	
Export-Import Bank	2,328	1	2,312	(⁴)			(⁴)	16			47	2,282	
Federal Deposit Insurance Corporation	1,353	1		(⁴)	1,338		(⁴)	13			90	1,263	
Tennessee Valley Authority	1,151	132					998	8			36	1,115	
All other ⁸	7,900	173	4,011	124	(⁴)	3,385	44	164			57	7,843	

¹ Assets are shown on a net basis, i. e., after reserve for losses.

² Includes U. S. investment of \$635 million in stock of International Bank for Reconstruction and Development and its subscription of \$2,750 million to International Monetary Fund.

³ Excludes U. S. Maritime Commission. Latest available figures for this agency are as of Mar. 31, 1947.

⁴ Includes "Disaster Loans, etc., Revolving Fund."

⁵ Assets representing uncovered costs to Corporation in its national defense, war, and reconversion activities, which are held for Treasury for liquidation purposes.

⁶ Includes figures for Smaller War Plants Corporation being liquidated by RFC.

⁷ Figures for one small agency are as of Aug. 31, 1951.

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*, January 1952.

No. 394.—EMPLOYMENT AND PAY ROLLS OF THE FEDERAL GOVERNMENT BY BRANCH: 1929 TO 1951

[Includes data for employees outside continental United States, force-account (temporary) construction workers, and fourth-class postmasters. See also *Historical Statistics* series P 71-72, P 82-83]

YEAR OR MONTH	EMPLOYMENT (THOUSANDS)				PAY ROLLS (THOUSANDS OF DOLLARS)			
	Average for year or as of first of month				Total for year or for month			
	Total	Execu- tive ¹	Legis- lative	Judicial	Total	Executive ¹	Legis- lative	Judicial
1929.....	596	591	4	2	1,079,794	1,063,056	11,303	5,435
1930.....	611	605	4	2	1,117,830	1,100,273	11,686	5,871
1931.....	624	618	4	2	1,128,630	1,110,677	11,904	6,040
1932.....	622	615	4	2	1,059,138	1,041,792	11,552	5,794
1933.....	630	624	4	2	972,126	956,592	10,555	5,009
1934.....	719	712	5	2	1,169,370	1,151,547	12,521	5,302
1935.....	820	813	5	2	1,417,991	1,398,383	13,906	5,702
1936.....	894	886	5	2	1,604,860	1,584,485	14,429	5,946
1937.....	902	895	5	2	1,613,699	1,593,227	14,465	6,017
1938.....	900	893	5	2	1,626,622	1,605,741	14,511	6,370
1939.....	969	961	5	2	1,757,292	1,735,834	14,767	6,691
1940.....	1,078	1,069	6	2	1,978,152	1,955,068	15,640	7,444
1941.....	1,433	1,424	6	3	2,524,003	2,501,105	16,032	7,766
1942.....	2,233	2,224	6	3	4,431,091	4,406,373	16,625	8,093
1943.....	3,165	3,157	6	3	7,858,131	7,831,305	17,785	9,041
1944.....	3,337	3,328	6	3	8,301,111	8,273,709	18,127	9,275
1945.....	3,569	3,560	6	3	8,153,686	8,122,973	20,537	10,176
1946.....	2,704	2,694	7	3	6,754,625	6,717,837	23,929	12,850
1947.....	2,153	2,143	7	3	5,906,107	5,922,330	29,074	14,094
1948.....	2,067	2,056	7	3	6,223,486	6,176,414	30,891	16,181
1949.....	2,101	2,089	8	4	6,705,700	6,654,101	34,436	17,163
1950.....	2,081	2,069	8	4	7,026,912	6,969,504	38,580	18,828
1951.....	2,466	2,454	8	4	8,994,756	8,934,726	39,834	20,190
January.....	2,204	2,192	8	4	680,926	676,007	3,249	1,670
February.....	2,266	2,254	8	4	638,193	633,514	3,182	1,497
March.....	2,332	2,320	8	4	706,184	701,569	3,261	1,554
April.....	2,386	2,374	8	4	687,876	683,273	3,197	1,406
May.....	2,433	2,421	8	4	742,529	737,428	3,338	1,763
June.....	2,462	2,450	8	4	721,693	716,681	3,379	1,633
July.....	2,503	2,491	9	4	735,991	731,168	3,195	1,628
August.....	2,621	2,509	8	4	769,173	764,167	3,257	1,749
September.....	2,529	2,517	8	4	707,508	702,570	3,213	1,719
October.....	2,515	2,503	8	4	857,429	851,725	3,445	2,259
November.....	2,518	2,505	8	4	891,120	885,714	3,539	1,826
December.....	2,922	2,909	8	4	856,123	850,904	3,529	1,690

¹ Includes Government corporations. Based, for the most part, on reports of respective agencies to Civil Service Commission adjusted to improve comparability throughout period. Differs from data in tables compiled by Civil Service Commission in following respects: (1) Excludes seamen and trainees on ships contracted by U. S. Maritime Commission and substitute rural mail carriers; (2) includes temporary employees of Post Office Department hired to handle Christmas mail each year, Federal Reserve banks, and mixed-ownership banks of Farm Credit Administration.

Source: Department of Labor, Bureau of Labor Statistics. Data for executive branch based mainly on reports of Civil Service Commission. Current data published in *Monthly Labor Review* and in mimeographed releases.

No. 395.—PAID CIVILIAN EMPLOYMENT IN THE EXECUTIVE BRANCH OF THE FEDERAL GOVERNMENT, BY AREA AND SEX: JUNE 1941 TO 1951

1941 represents number on pay roll with pay on last regular pay period of month; thereafter, number in active-duty status as of last day of month. 1941 excludes Panama Railroad Co. and Inland Waterways Corp. Prior to 1947, excludes seamen and trainees of U. S. Maritime Commission, and beginning 1948, excludes Central Intelligence Agency. See also *Historical Statistics*, series P 63 for earlier data on Washington, D. C., metropolitan area total]

AREA AND SEX	1941	1945	1946	1947	1948	1949	1950	1951
Continental U. S., total..	1,370,110	2,915,476	2,290,007	1,849,781	1,859,807	1,928,524	1,819,489	2,312,982
Men.....	1,091,864	1,822,939	1,652,703	1,409,184	1,436,110	1,494,465	1,413,051	1,739,832
Women.....	266,283	1,092,537	646,304	440,597	423,697	434,059	406,438	573,150
Percent women.....	20	38	28	24	23	23	22	25
Washington, D. C., metropolitan area, total ²	184,236	257,808	235,109	205,237	206,110	217,237	213,776	256,066
Men.....	106,133	103,964	119,199	111,847	113,640	119,530	119,970	138,722
Women.....	77,774	153,844	115,910	93,390	92,470	97,707	93,806	117,374
Percent women.....	42	60	49	46	45	45	44	46

¹ Includes employees outside continental U. S.; also those not reported by sex, not shown separately.

² For definition of Washington metropolitan area, see table 400, footnote 4. Figures for 1941 are for Washington, D. C., only.

No. 396.—ACCESSIONS TO AND SEPARATIONS FROM PAID CIVILIAN FULL-TIME EMPLOYMENT IN THE EXECUTIVE BRANCH OF THE FEDERAL GOVERNMENT: FISCAL YEARS 1948 TO 1951

ITEM	CONTINENTAL UNITED STATES				WASHINGTON, D. C., METROPOLITAN AREA			
	1948	1949	1950	1951	1948	1949	1950	1951
Accessions:								
Total number.....	630,182	562,457	330,307	1,070,774	56,292	59,047	41,783	103,440
Average monthly rate ¹	3.3	2.8	1.7	4.8	2.4	2.4	1.7	3.8
Separations:								
Total number.....	623,970	511,244	431,037	593,002	56,329	49,044	47,755	63,540
Average monthly rate ¹	3.3	2.5	2.2	2.6	2.4	2.0	1.9	2.3
Type of separation:								
Quit ²	320,236	242,138	100,331	355,146	20,501	29,400	23,468	42,354
Reduction in force.....	98,616	53,748	103,281	17,039	10,037	2,666	6,142	671
Discharge ³	14,452	12,515	9,229	17,288	801	853	780	1,112
Other ⁴	190,666	202,843	158,196	203,629	15,990	16,125	17,365	19,103

¹ Per 100 full-time employees.

² Represents resignation, transfer to other Federal agency, and abandonment of position.

³ Represents separation required by an agency for disqualification or inefficiency, and removal for misconduct, delinquency, or other serious cause.

⁴ Represents termination of appointment, and separation for extended leave without pay, military leave, retirement, death, legal incompetency, and disability not entitled to retirement.

No. 397.—PAID CIVILIAN EMPLOYMENT IN THE EXECUTIVE BRANCH OF THE FEDERAL GOVERNMENT, BY TYPE OF POSITION, AND PERSONS EXAMINED, PASSED, AND APPOINTED UNDER CIVIL SERVICE REGULATIONS: JUNE 1940 TO 1951

[Includes data for employees outside continental United States. Data not reported during war. See headnote, table 395. See also *Historical Statistics*, series P 62 and P 65-68]

TYPE OF POSITION	1940	1941	1947	1948	1949	1950	1951 ¹
Total.....	1,014,117	1,370,110	2,128,648	2,090,732	2,109,642	1,966,448	2,486,491
Subject to competitive requirements of Civil Service Act:							
Number.....	726,827	990,233	1,733,019	1,750,823	1,802,708	1,687,594	2,175,668
Percent of total reported.....	72	72	81	84	85	86	87
Persons examined ²	839,112	2,447,463	1,388,345	1,434,033	1,947,147	1,682,830	1,870,728
Persons passed ³	374,390	1,273,230	(3)	(3)	1,122,023	935,813	1,069,442
Persons appointed ²	123,789	561,789	4329,002	4514,808	4504,660	4336,600	4573,539
Excepted from competitive requirements of Civil Service Act:							
Not reported.....	275,993	367,917	395,629	339,909	306,934	278,854	310,823
	11,297	11,960					

¹ In continental United States, 2,141,309, or 83 percent, of 2,312,982 employees were in positions subject to competitive requirements of Civil Service Act.

² During fiscal year ending June 30.

³ Not available.

⁴ Excludes temporary appointments pending establishment of registers.

Source of tables 395-397: Civil Service Commission, *Annual Report* and records.

No. 398.—PAID CIVILIAN EMPLOYMENT IN FULL-TIME POSITIONS IN THE EXECUTIVE BRANCH OF THE FEDERAL GOVERNMENT AND AVERAGE PAY BY COMPENSATION AUTHORITY: 1949, 1950, AND 1951

[Covers all full-time civil employees in continental United States except relatively small number of employees on fee, piece-work, or other basis, employees for whom pay rates were not specified, and employees of Board of Governors of Federal Reserve System. Some agencies reported as of dates other than specified]

COMPENSATION AUTHORITY	JULY 1, 1949		JUNE 30, 1950		JUNE 30, 1951	
	Number of employees	Average pay ¹	Number of employees	Average pay ¹	Number of employees	Average pay ¹
Total	1,702,377	\$3,283	1,627,812	\$3,504	2,120,968	\$3,481
Classification Act of 1949 ²	820,843	3,403	800,748	3,667	1,004,624	3,596
Per annum.....	816,768	3,407	800,748	3,667	1,004,624	3,596
General schedule.....			701,824	3,788	885,925	3,700
Professional and scientific service ²	103,380	5,185				
Sub-professional service ²	82,609	2,770				
Clerical, administrative, and fiscal service ²	525,052	3,315				
Crafts, protective, and custodial schedule ²	105,727	2,624	98,924	2,807	118,699	2,814
Per hour:						
Clerical-mechanical service.....	4,075	2,601	(3)	(3)	(3)	(3)
Postal Pay Act.....	345,941	3,257	362,133	3,488	348,133	3,523
Wage boards.....	489,747	3,025	429,739	3,133	718,885	3,245
Other acts and administrative orders.....	42,846	4,140	35,192	4,502	49,326	4,302

¹ Based on annual rates and other rates converted to annual equivalent for 52 40-hour weeks.

² Prior to October 1949, Classification Act of 1923, as amended.

³ Clerical-mechanical group transferred to wage boards by the Classification Act of 1949.

Source: Civil Service Commission; annual report, *Pay Structure of the Federal Civil Service*.

No. 399.—PAID CIVILIAN EMPLOYMENT IN FULL-TIME POSITIONS IN THE EXECUTIVE BRANCH OF THE FEDERAL GOVERNMENT BY ANNUAL EQUIVALENT PAY GROUP AND COMPENSATION AUTHORITY: JUNE 30, 1951

[Covers civil employees in continental United States. 1951 survey covered 2,120,968, or 99.7 percent of 2,126,769 full-time employees reported as of June 30, 1951, on Civil Service Commission's monthly employment report. The survey excludes 6,105 employees on fee, piecework, or other basis, 1,017 employees for whom pay rates were not specified, and 688 employees in Board of Governors, Federal Reserve System. One agency reported as of July 8, 1951]

ANNUAL EQUIVALENT PAY GROUP	TOTAL		COMPENSATION AUTHORITY							
			Classification Act of 1949		Wage boards		Postal Pay Act		Other acts and administrative orders	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
All groups	2,120,968	100.0	1,004,624	100.0	718,885	100.0	348,133	100.0	49,326	100.0
Less than \$2,000.....	35,557	1.7	63	(1)	17,079	2.4	16,206	4.7	2,209	4.5
\$2,000-\$2,499.....	227,693	10.7	137,434	13.7	79,748	11.1	5,349	1.5	6,162	10.5
\$2,500-\$2,999.....	573,501	27.0	297,814	29.7	211,559	29.4	57,066	16.4	7,062	14.3
\$3,000-\$3,499.....	446,031	21.0	225,595	22.5	157,409	21.9	54,953	15.8	8,074	16.4
\$3,500-\$3,999.....	430,960	20.3	89,411	8.9	159,216	22.2	174,549	50.1	7,784	15.8
\$4,000-\$4,499.....	139,454	6.6	51,804	5.2	59,264	8.2	23,613	6.8	4,713	9.5
\$4,500-\$4,999.....	103,324	4.8	60,380	6.0	19,256	2.7	11,818	3.4	2,870	5.8
\$5,000-\$5,499.....	59,996	2.8	45,503	4.5	10,382	1.5	2,585	0.7	1,526	3.1
\$5,500-\$5,999.....	21,952	1.0	18,190	1.8	2,180	.3	723	.2	853	1.7
\$6,000-\$6,499.....	24,989	1.2	22,244	2.2	886	.1	673	.2	1,186	2.4
\$6,500-\$6,999.....	12,677	.6	10,426	1.0	1,053	.2	234	.1	964	1.9
\$7,000-\$7,499.....	9,913	.5	9,182	.9	210	(1)	224	.1	297	.6
\$7,500-\$7,999.....	12,705	.6	10,215	1.0	233	(1)	67	(1)	2,260	4.6
\$8,000-\$8,499.....	6,645	.3	5,460	.5	142	(1)	24	(1)	1,029	2.1
\$8,500-\$8,999.....	5,232	.3	4,441	.4	36	(1)	20	(1)	735	1.5
\$9,000-\$9,499.....	3,932	.2	2,879	.3	100	(1)	11	(1)	942	1.9
\$9,500-\$9,999.....	1,041	.1	918	.1	21	(1)	2	(1)	100	.2
\$10,000 and over.....	5,306	.3	3,615	.4	105	(1)	26	(1)	1,560	3.2

¹ Less than 0.05 percent.

Source: Civil Service Commission; annual report, *Pay Structure of the Federal Civil Service*.

No. 400.—PAID CIVILIAN EMPLOYMENT IN THE EXECUTIVE BRANCH OF THE FEDERAL GOVERNMENT, 1938 TO 1951, AND FOR SELECTED AGENCIES, 1951, BY STATE

[Partially estimated. See headnote, table 395]

STATE OR OTHER AREA	TOTAL EMPLOYMENT				EMPLOYMENT BY AGENCY, JUNE 1951			
	December 1938 ¹	June 1945 ²	June 1950	June 1951	Department of Defense	Post Office Department	Veterans Administration	Other departments and agencies
Total	865,407	3,769,646	1,966,448	2,486,491	1,235,498	498,281	182,812	569,900
Outside cont. U. S.	33,574	854,170	146,959	173,509	110,489	1,920	1,456	59,644
Territories and possessions.....	28,807	(3)	73,117	84,376	47,841	1,920	928	33,687
Foreign countries.....	4,877	(3)	73,842	89,133	62,648	—	528	25,957
Continental U. S.	831,833	2,915,476	1,819,489	2,312,982	1,125,009	496,361	181,356	510,250
Wash., D. C., metro. area ³	119,874	257,808	213,776	256,096	91,809	7,873	14,269	142,145
48 States ⁴	711,959	2,657,668	1,605,713	2,056,886	1,033,200	488,488	167,087	368,111
Alabama.....	15,213	53,663	32,083	48,295	28,319	6,417	3,352	10,208
Arizona.....	7,477	17,900	13,053	14,594	4,733	1,967	1,427	6,467
Arkansas.....	9,385	25,907	12,502	15,634	4,989	4,770	2,771	3,404
California.....	48,334	317,236	177,130	240,039	169,839	34,834	14,806	29,500
Colorado.....	2,092	28,839	29,191	30,104	13,045	4,417	2,177	10,465
Connecticut.....	5,784	12,394	10,669	11,100	1,832	6,127	1,061	2,080
Delaware.....	1,240	3,335	1,903	2,272	481	931	485	375
Florida.....	9,436	76,747	32,718	37,464	22,039	7,466	2,652	5,307
Georgia.....	12,595	70,231	38,832	57,179	34,220	9,499	4,641	8,819
Idaho.....	3,780	9,877	5,027	5,795	676	1,570	528	3,021
Illinois.....	44,316	135,085	89,879	108,256	39,918	37,536	10,592	20,210
Indiana.....	12,330	42,903	28,658	39,005	20,682	11,036	3,178	4,709
Iowa.....	10,560	19,073	15,384	15,743	790	9,226	2,291	3,436
Kansas.....	8,964	32,455	18,555	21,242	6,245	7,188	3,619	4,190
Kentucky.....	10,117	27,330	22,040	30,404	14,718	7,480	3,277	4,929
Louisiana.....	11,002	41,858	21,105	25,044	8,790	6,527	2,666	7,661
Maine.....	6,997	25,707	10,183	15,567	9,770	3,414	986	1,397
Maryland ⁴	18,326	50,651	38,491	47,594	27,874	5,413	2,283	12,024
Massachusetts.....	28,137	103,516	51,055	66,060	34,121	16,954	6,898	8,697
Michigan.....	17,722	49,828	37,458	44,243	15,168	17,121	4,300	7,645
Minnesota.....	13,048	21,841	22,136	24,131	1,550	12,893	3,806	5,066
Mississippi.....	11,661	24,520	15,705	16,247	5,798	4,494	2,559	3,896
Missouri.....	21,500	54,206	40,834	55,191	19,232	18,583	4,068	13,808
Montana.....	8,167	9,150	8,564	8,801	921	2,051	517	5,312
Nebraska.....	8,979	27,850	15,282	21,121	8,451	6,634	1,400	4,036
Nevada.....	1,891	6,753	4,236	5,485	2,907	5,605	266	1,807
New Hampshire.....	2,199	4,360	2,894	3,218	175	1,024	438	681
New Jersey.....	15,743	81,068	40,887	53,156	33,030	12,463	2,860	4,803
New Mexico.....	7,201	16,206	12,695	15,365	5,649	1,710	973	7,033
New York.....	87,483	293,021	160,215	192,682	70,291	71,467	17,091	33,833
North Carolina.....	10,623	40,156	23,548	26,807	10,977	8,213	2,800	4,817
North Dakota.....	3,820	6,047	6,914	7,105	739	3,047	747	2,572
Ohio.....	28,722	111,269	78,443	105,536	57,073	27,502	7,954	18,007
Oklahoma.....	10,631	47,878	31,725	47,292	32,582	6,714	1,544	6,462
Oregon.....	9,113	18,827	17,226	17,836	4,162	4,495	1,894	7,285
Pennsylvania.....	50,619	196,540	103,864	145,957	85,523	33,115	9,458	17,661
Rhode Island.....	6,702	23,191	10,092	12,495	8,968	2,040	856	631
South Carolina.....	8,826	47,302	15,725	23,748	15,610	4,157	1,245	2,736
South Dakota.....	4,691	10,438	8,363	9,285	1,892	2,856	1,469	3,003
Tennessee.....	17,149	44,382	36,319	44,522	12,722	8,084	5,586	18,190
Texas.....	27,777	140,899	87,000	116,411	66,036	21,319	9,118	18,938
Utah.....	3,886	37,665	18,796	30,798	24,805	1,864	526	3,614
Vermont.....	2,052	3,172	2,048	3,117	70	1,716	518	804
Virginia ⁴	21,005	107,601	60,852	77,660	54,449	8,301	5,008	9,902
Washington.....	15,520	100,359	47,422	67,956	44,745	6,167	3,512	13,532
West Virginia.....	5,891	11,110	10,501	11,352	1,756	4,963	2,380	2,253
Wisconsin.....	13,485	22,314	19,567	21,903	2,823	10,366	3,626	4,488
Wyoming.....	3,095	5,067	5,990	6,575	1,784	992	810	2,089
Undistributed.....		1,027	362	1,699	216	—	—	1,383

¹ From geographic study which excluded temporary postal substitutes; distribution for June 1938 not available.² Represents peak of total employment. ³ Not available.⁴ Beginning 1950, Washington, D. C., metropolitan area includes Dist. of Columbia; Alexandria City, Arlington and Fairfax Counties, Virginia; and Montgomery and Prince Georges Counties, Maryland. In 1945, only parts of these counties were included. These areas excluded from data for 48 States.⁵ Relates to District of Columbia only.Source: Civil Service Commission, *Annual Report* and records.

No. 401.—PAID CIVILIAN EMPLOYMENT IN THE EXECUTIVE BRANCH OF THE FEDERAL GOVERNMENT BY AGENCY AND AREA: JUNE 1951

[For coverage, see headnote, table 395. For definition of areas, see table 400, footnote 4]

AGENCY	Total all areas	CONTINENTAL UNITED STATES			OUTSIDE CONTINENTAL UNITED STATES		
		Total	Washing- ton, D. C. metro- politan area	48 States	Total	Territories and possession- s	Foreign coun- tries
All agencies	2,486,491	2,312,982	256,096	2,056,886	173,509	84,376	89,133
Percent distribution	100	93	10	83	7	3	4
Executive Office of the President:							
White House Office	259	259	259				
Bureau of the Budget	522	522	499	23			
Executive Mansion and Grounds	67	67	67				
National Security Resources Board	114	114	114				
Office of Defense Mobilization	112	112	112				
President's Materials Policy Comm.	79	79	79				
Other	66	66	66				
Executive Departments:							
State	20,324	10,671	7,868	2,803	18,653	14	18,639
Treasury	92,460	91,690	17,808	73,882	770	665	105
Department of Defense:							
Office of the Secretary of Defense	2,166	2,166	2,150	16			
Department of the Army	521,018	472,089	38,180	433,909	48,029	18,628	30,301
Department of the Navy	451,586	418,366	42,875	375,491	33,220	21,879	11,341
Department of the Air Force	260,728	232,388	8,604	223,784	28,340	7,334	21,006
Justice	31,648	31,113	10,112	21,001	535	374	161
Post Office	498,281	496,361	7,873	488,488	1,920	1,920	
Interior	63,841	56,198	5,717	50,481	7,643	7,685	58
Agriculture	81,062	78,808	11,072	67,736	2,284	1,162	1,092
Commerce	64,700	60,848	24,023	36,825	3,852	3,293	559
Labor	7,712	7,632	3,707	3,925	80	62	18
Independent agencies:							
American Battle Monuments Comm.	814	17	17		797		797
Atomic Energy Commission	5,700	5,704	915	4,789	5		5
Board of Governors, Fed. Res. System	594	594	580	14			
Civil Aeronautics Board	537	524	470	54	13	13	
Civil Service Commission	4,428	4,425	2,259	2,166	3	3	
Defense Production Administration	388	388	388				
Defense Transport Administration	187	187	187				
Displaced Persons Commission	346	129	126	3	217		217
Economic Cooperation Administration	5,524	1,374	1,340	34	4,150		4,150
Economic Stabilization Agency	10,324	10,177	7,392	7,385	147	147	
Export-Import Bank	133	133	133				
Federal Civil Defense Administration	617	617	567	50			
Federal Communications Commission	1,205	1,181	791	390	24	24	
Federal Deposit Insurance Corp.	1,029	1,029	299	730			
Federal Mediation & Conciliation Serv.	369	369	63	306			
Federal Power Commission	744	744	590	154			
Federal Security Agency	35,912	35,558	10,464	25,094	354	260	94
Federal Trade Commission	751	751	642	109			
General Accounting Office	6,888	6,888	5,192	1,696			
General Services Administration	30,370	30,292	14,516	15,776	78	48	30
Government Printing Office	7,489	7,489	7,274	215			
Housing and Home Finance Agency	13,446	13,339	3,732	9,607	107	107	
Interstate Commerce Commission	2,150	2,150	1,450	700			
Nat. Adv. Committee for Aeronautics	7,705	7,705	172	7,533			
National Capital Housing Authority	327	327	327				
Nat. Capital Sesquicentennial Comm.	214	214	214				
National Labor Relations Board	1,500	1,476	545	931	24	24	
National Mediation Board	113	113	72	41			
Office of the Housing Expediter	2,492	2,464	337	2,127	28	28	
Panama Canal	13,467	100	78	22	13,367	13,367	
Panama Railroad Company	6,765	500		500	6,265	6,265	
Railroad Retirement Board	2,118	2,118	8	2,110			
Reconstruction Finance Corporation	2,682	2,674	1,026	1,648	8	6	2
Securities and Exchange Commission	1,027	1,027	703	324			
Selective Service System	8,343	8,103	253	7,850	240	240	
Smithsonian Institution	945	937	835	102	8		8
Soldiers Home	743	743	743				
Tariff Commission	210	210	203	7			
Tax Court of the United States	123	123	123				
Tennessee Valley Authority	18,930	18,930	8	18,922			
Veterans Administration	182,812	181,356	14,269	167,087	1,456	928	528
War Claims Commission	158	136	136		22		22
Other	118	118	103	15			

No. 402.—PAID CIVILIAN EMPLOYMENT IN THE EXECUTIVE BRANCH OF THE FEDERAL GOVERNMENT, BY SELECTED AGENCY: 1942 TO 1951

[Includes data for employees outside continental United States. See headnote, table 395]

JUNE	ALL AGENCIES		DEPARTMENT OF DEFENSE ¹		POST OFFICE DEPARTMENT		VETERANS ADMINISTRATION		OTHER AGENCIES	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
1942.....	2,208,970	100	1,273,740	58	319,763	14	43,984	2	569,483	26
1943.....	3,157,113	100	2,088,892	66	316,357	10	53,349	2	698,515	22
1944.....	3,312,256	100	2,256,846	68	352,773	10	50,510	2	652,127	20
1945.....	3,729,646	100	2,634,075	70	378,849	10	65,143	2	691,579	18
1946.....	2,722,081	100	1,416,225	52	488,623	18	109,643	6	647,510	24
1947.....	2,128,648	100	859,142	41	471,787	22	210,763	10	580,966	27
1948.....	2,090,732	100	870,962	42	503,607	24	195,545	9	520,613	25
1949.....	2,109,642	100	879,875	42	517,743	25	195,488	9	516,536	24
1950.....	1,906,448	100	763,149	38	500,679	25	188,392	10	524,228	27
1951.....	2,486,491	100	1,235,498	50	498,281	20	182,812	7	569,900	23

¹ Through June 1947, represents War Department and Navy Department combined.

Source: Civil Service Commission, *Annual Report and Monthly Report of Employment*.

No. 403.—FEDERAL EMPLOYEES SUBJECT TO THE CIVIL SERVICE RETIREMENT ACT: SEPTEMBER 30, 1947

[Includes employees outside continental United States. Covers employees in the executive, legislative, and judicial branches and in the District of Columbia government. Partly estimated]

CHARACTERISTICS	NUMBER OF EMPLOYEES				PERCENT DISTRIBUTION			AVERAGE SALARY		
	Total	Men	Women	Percent men	Total	Men	Women	Total	Men	Women
By age group:¹										
Under 20 years.....	7,189	3,562	3,627	49.5	0.5	0.3	0.9	2,065	2,024	2,106
20 to 24 years.....	119,239	58,931	60,308	49.4	7.9	5.2	15.8	2,272	2,271	2,272
25 to 29 years.....	203,771	143,087	60,684	70.2	13.5	12.7	15.9	2,687	2,655	2,427
30 to 34 years.....	219,068	170,485	48,583	77.8	14.5	15.1	12.7	2,916	3,026	2,526
35 to 39 years.....	203,156	153,595	49,560	77.1	13.4	13.9	12.2	3,064	3,223	2,528
40 to 44 years.....	176,841	132,640	44,201	75.0	11.7	11.8	11.6	3,121	3,819	2,528
45 to 49 years.....	171,073	128,118	42,955	74.9	11.3	11.4	11.2	3,110	3,308	2,552
50 to 54 years.....	185,753	150,599	35,154	81.1	12.3	13.3	9.2	3,100	3,227	2,556
55 to 59 years.....	130,010	106,399	23,611	81.8	8.6	9.4	6.2	3,133	3,264	2,552
60 to 64 years.....	62,797	51,974	10,823	82.8	4.2	4.6	2.8	3,168	3,312	2,475
65 to 69 years.....	26,202	21,717	4,485	82.9	1.7	1.9	1.2	3,120	3,266	2,445
70 to 74 years.....	4,618	3,842	776	83.2	.3	.3	.2	2,795	2,923	2,100
75 years and over..	953	878	75	92.1	.1	.1	(?)	2,780	2,830	2,104
By salary group:²										
Under \$1,000.....	11,472	5,747	5,725	50.1	.8	.5	1.5	653	645	668
\$1,000 to \$1,999.....	133,645	68,961	46,684	55.1	8.8	7.7	12.2	1,770	1,772	1,788
\$2,000 to \$2,999.....	783,657	506,768	276,889	64.7	51.9	44.0	72.5	2,462	2,494	2,404
\$3,000 to \$3,999.....	405,331	304,344	40,987	89.9	28.8	32.3	10.7	3,401	3,298	3,327
\$4,000 to \$4,999.....	103,193	94,039	9,254	92.0	6.8	8.4	2.2	4,423	4,427	4,380
\$5,000 to \$5,999.....	37,042	34,698	2,344	93.7	2.5	3.1	.6	5,590	5,561	5,072
\$6,000 to \$6,999.....	15,352	14,822	530	96.5	1.0	1.3	.1	6,393	6,394	6,388
\$7,000 to \$7,999.....	11,069	11,668	301	97.5	.8	1.0	.1	7,296	7,296	7,325
\$8,000 to \$8,999.....	5,043	5,562	81	98.6	.4	.5	(?)	8,330	8,328	8,443
\$9,000 to \$9,999.....	1,910	1,889	30	98.4	.1	.2	(?)	9,673	9,680	9,618
\$10,000 and over.....	1,447	1,430	17	98.8	.1	.1	(?)	10,399	10,401	10,204
By length of service group:³										
Under 5 years.....	350,436	193,692	156,744	55.3	23.2	17.2	41.0	2,410	2,538	2,252
5 to 9 years.....	642,632	492,593	150,069	76.6	42.5	43.6	39.3	2,860	2,909	2,604
10 to 14 years.....	192,943	157,512	35,431	81.6	12.8	14.0	9.3	3,359	3,500	2,731
15 to 19 years.....	90,367	78,600	11,767	87.0	6.0	7.0	3.1	3,392	3,481	2,793
20 to 24 years.....	83,129	74,671	8,458	89.7	5.5	6.6	2.2	3,286	3,385	2,860
25 to 29 years.....	87,671	74,253	13,418	84.7	5.8	6.6	3.5	3,681	3,429	3,116
30 to 34 years.....	37,766	33,065	4,701	87.6	2.5	2.9	1.2	3,614	3,680	3,152
35 to 39 years.....	15,939	15,288	651	95.9	1.1	1.3	.2	3,640	3,667	3,151
40 to 44 years.....	8,256	7,802	454	95.2	.5	.7	.1	3,778	3,809	3,166
45 to 49 years.....	1,391	1,285	106	92.4	.1	.1	(?)	4,088	4,148	3,358
50 years and over..	140	137	3	97.9	(?)	(?)	(?)	4,312	4,366	2,303

¹ Average age is 40.6 years for all employees, 41.6 years for men, and 37.7 years for women. Age is determined by subtracting birth year from year 1947.

² Less than 0.1 percent.

³ Pay rates represent base pay before any deductions for retirement, taxes, or bonds, but exclude overtime, bonuses, night differentials, etc. Pay rates other than annual rates are converted to annual full-time equivalent.

⁴ Average length is 10.2 years for all employees, 11.5 years for men, and 7.2 years for women. Service represents all Federal employment, whether or not retirement deductions were taken from pay, and military service.

Source: Civil Service Commission, records.

FEDERAL EMPLOYEES

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No. 404.—ACCIDENTAL INJURIES TO CIVILIAN EMPLOYEES OF THE FEDERAL GOVERNMENT: 1938 to 1951

[For years ending June 30. Excludes emergency relief acts except where specifically indicated]

ITEM	1938-1940, average	1948	1949	1950	1951
Injury cases reported, total	41,571	80,028	84,012	81,163	89,909
Index.....	100	193	202	195	216
Nonfatal.....	41,265	79,010	83,214	79,907	85,455
Fatal.....	306	1,018	798	1,256	4,454
Employment coverage.....	920,000	2,100,000	2,100,000	2,067,498	2,234,868
Casualty rates:					
Frequency per million man-hours.....	12.68	8.60	8.12	8.35	8.37
Severity per thousand man-hours.....	1.23	.72	.55	.66	.62
Cost per \$100 payroll.....	\$0.31	\$0.17	\$0.15	\$0.31	\$0.30
Cost per employee.....	\$5.59	\$4.72	\$4.36	\$10.00	\$10.14
Final disposition of injury cases, total ..	41,406	78,883	84,083	88,481	95,366
Index.....	100	191	203	214	230
Minor injury cases.....	18,746	36,123	43,187	42,599	45,096
Disability 1-3 days.....	5,301	9,435	10,547	11,339	12,183
Covered by leave.....	8,858	17,215	16,932	20,758	18,291
Compensated, nonfatal.....	5,012	9,342	7,881	8,036	11,143
Compensated, fatal.....	98	758	557	472	549
Disapproved.....	2,974	3,298	2,520	2,208	4,015
All other.....	417	2,712	2,459	3,009	4,089
Average evaluation per fatal case.....	\$9,800	\$10,648	\$12,026	\$31,166	\$34,301
Average evaluation per nonfatal dis- abling injury.....	\$149	\$161	\$162	\$370	\$377
Average days lost per nonfatal disabling injury.....	38	28	25	41	41
Disbursements, total	\$11,311,156	\$13,672,125	\$14,209,790	\$23,370,109	\$30,427,296
Medical treatment and supplies.....	612,433	2,741,074	2,941,729	4,985,351	4,367,405
Disability compensation.....	1,905,357	5,381,555	5,887,400	9,362,234	13,944,370
Death compensation.....	1,733,374	3,508,937	3,892,102	6,317,405	7,653,287
Emergency Relief Acts ¹	6,986,865	587,451	545,740	809,872	960,284
Other.....	73,127	1,452,208	942,819	1,895,247	3,501,950

¹ Sharp decline after 1943 due to discontinuance of emergency relief activities.Source: Department of Labor, Bureau of Employees' Compensation; *Annual Report*.

15. State and Local Government Finances and Employment

(Sent to print March 19, 1952)

Sources.—Statistics in this section are almost entirely from the Bureau of the Census, Department of Commerce. Most of the tables are based upon recent reports in the regular Census series on *State Finances*, *City Finances*, *Governmental Finances in the United States*, and *Government Employment*. Some of the statistics here are from the most recent decennial Census of Governments, which related to the year 1942 and was designed to obtain and report basic data concerning all governmental units in the United States. A descriptive leaflet, *Census Bureau Publications on Governments*, is issued annually by the Bureau. Summary series of data based on annual and decennial Census reporting for years up to 1946 are available in the publication, *Historical Review of State and Local Government Finances*.

Compilation of data.—Financial statistics of States and large cities (those over 250,000 population) which appear in this section were mainly compiled by representatives of the Bureau of the Census directly from official accounts and records of these governments, with the advice and assistance of local officers and employees. Financial data for other local governments were primarily obtained from the individual units by mail canvass. State and local employment data were also obtained by mail canvass. The Federal Government amounts which appear in certain tables relating to all levels of government are based upon data supplied to the Census Bureau by other Federal agencies.

Relation to State and local records.—Nation-wide statistics on governmental finances and employment must be compiled and presented in accordance with uniform concepts and categories, rather than according to the highly diverse terminology, organization, and fund structure of individual governments. Accordingly, financial statistics which appear in this section for particular States and large cities, although based upon their official records and reports, will not agree directly with specific amounts in such original sources except where particular segments of the government's accounts conform explicitly with standard Census reporting categories.

Terminology.—Financial statistics in this section relate primarily to "general government," as distinct from operation of enterprises and the finances of governmental trust and sinking funds. The terms "general revenue," "general expenditure" and "general debt" are applied accordingly. All tax amounts, however, are reported as general revenue; any tax collections deposited directly into trust or sinking funds are therefore included in general revenue and, as contributions to trust funds or provision for debt retirement, respectively, in general expenditure. As reported here, revenue excludes receipts from borrowings, and expenditure includes provision for debt retirement. The Census reports from which the various tables are drawn include detailed definitions of concepts and terminology.

Fiscal years.—Unless otherwise stated, financial data in this section relate to the fiscal years of the respective governmental units. Federal and State government amounts are for fiscal years ending on June 30 of the year specified, except for 6 States with earlier closing dates—3 in the same calendar year and 3 in the latter part of the preceding calendar year. Local government figures are for fiscal years ending in the specified calendar year except for the few units which close their fiscal years in the succeeding January. Practically all school districts have fiscal years ending on June 30. Other local governments range widely in this regard, with a majority operating on a fiscal year ending December 31.

Historical statistics.—See preface and historical appendix. Tabular headnotes (as "See also *Historical Statistics*, series P 188-200") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*.

SUMMARY OF FINANCES

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No. 405.—STATE AND LOCAL GOVERNMENTS—GENERAL REVENUE AND EXPENDITURE
FOR SELECTED YEARS: 1890 TO 1950

[In millions of dollars. Amounts for "State and local governments" exclude duplicating fiscal aid—that between State and local governments. Thus only fiscal aid transactions with the Federal Government are reflected in the fiscal aid totals. See also *Historical Statistics*, series P 188-200]

ITEM	1890	1902	1913 ¹	1932	1942	1947	1948	1949	1950
GENERAL REVENUE									
State and local governments, total.....	562	968	1,602	7,416	11,390	15,298	17,826	19,711	21,309
Taxes:									
Property.....	443	706	1,088	4,682	4,544	5,507	6,128	6,842	7,366
Other.....	58	154	269	1,677	5,068	7,019	8,263	8,924	9,575
Aid received from other governments.....		7	9	238	854	1,163	1,492	1,800	2,098
Charges and miscellaneous.....	61	101	241	820	925	1,009	1,943	2,144	2,270
State governments, total.....	107	176	345	2,317	6,100	8,481	10,025	10,986	11,803
Taxes:									
Property.....	69	82	140	328	271	261	270	276	311
Other.....	27	74	161	1,662	4,708	6,429	7,512	8,073	8,629
Aid received from other governments.....		8	3	228	809	1,157	1,439	1,760	2,030
Charges and miscellaneous.....	11	17	41	199	312	633	796	878	893
Local governments, total.....	455	846	1,326	6,004	7,040	9,410	11,036	12,482	13,545
Taxes:									
Property.....	374	624	943	4,353	4,273	5,246	5,850	6,566	7,056
Other.....	31	80	108	115	359	589	751	851	946
Aid received from other governments.....		58	75	915	1,795	2,608	3,288	3,798	4,166
Charges and miscellaneous.....	50	84	200	621	613	976	1,147	1,266	1,377
GENERAL EXPENDITURES									
State and local governments, total (excluding provision for debt retirement).....	560	1,016	1,761	8,406	10,032	(2)	(2)	(2)	(2)
Operation.....	³ 478	782	1,165	5,533	7,214				
Capital outlay.....	³ 35	168	442	2,056	1,017				
Interest.....	47	67	135	724	616				
Contributions to trust funds and enterprises ⁴	(7)	(7)	9	92	1,285				
State governments, total (excluding provision for debt retirement).....	72	182	378	2,734	5,516	7,953	10,221	11,557	12,907
Operation.....	³ 63	115	229	1,053	1,914	3,318	4,351	4,972	5,457
Aid paid to other governments.....	³ 54	³ 54	³ 87	³ 794	1,751	2,549	3,167	3,544	4,011
Capital outlay.....	(3 7)	2	48	775	615	949	1,425	1,827	2,112
Interest.....	9	10	14	114	110	63	71	76	88
Contributions to trust funds and enterprises ⁴		(7)	(7)	23	1,126	1,073	1,206	1,136	1,239
Local governments, total (excluding provision for debt retirement).....	488	888	1,460	6,501	6,315	(2)	(2)	(2)	(2)
Operation.....	³ 416	667	936	4,476	5,301				
Aid paid to other governments.....				65	48				
Capital outlay.....	³ 35	166	394	1,281	402				
Interest.....	38	57	121	610	406				
Contributions to trust funds and enterprises ⁴		(7)	³ 9	³ 69	159				

¹ Omits revenue and expenditure of incorporated places having less than 2,500 inhabitants, school districts overlying such places, townships, and special districts.

² Not available.

³ A nonsegregable amount of capital outlay is included in "operation."

⁴ Contains contributions to enterprises and to retirement and other trust funds for 1942. Other data refer only to contributions to retirement funds.

⁵ Included in operation; amounts not separable.

⁶ Comprises only school and highway grants; other grants included in "operation."

⁷ Less than \$500,000.

⁸ Pension payments of city corporations and overlying local governments of cities having 30,000 inhabitants or more; originally included in "operation."

Source: Department of Commerce, Bureau of the Census; *Historical Review of State and Local Government Finances* (June 1948) and annual reports, *Governmental Revenue in 1950*, and *Compendium of State Government Finances in 1950*.

FIG. XVIII.—STATE AND LOCAL GOVERNMENT REVENUE, BY SOURCE: 1942 TO 1950
[See tables 410 and 411]

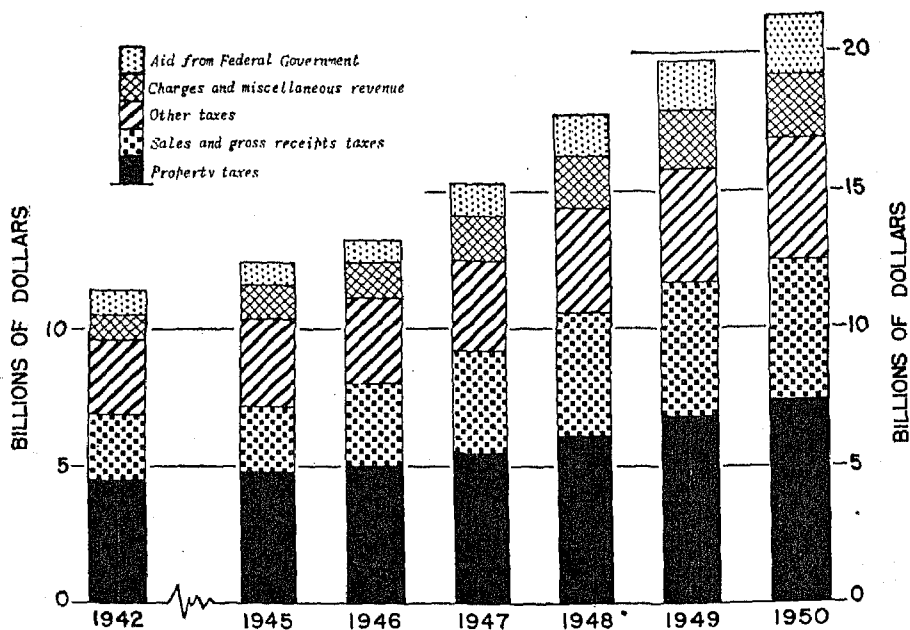
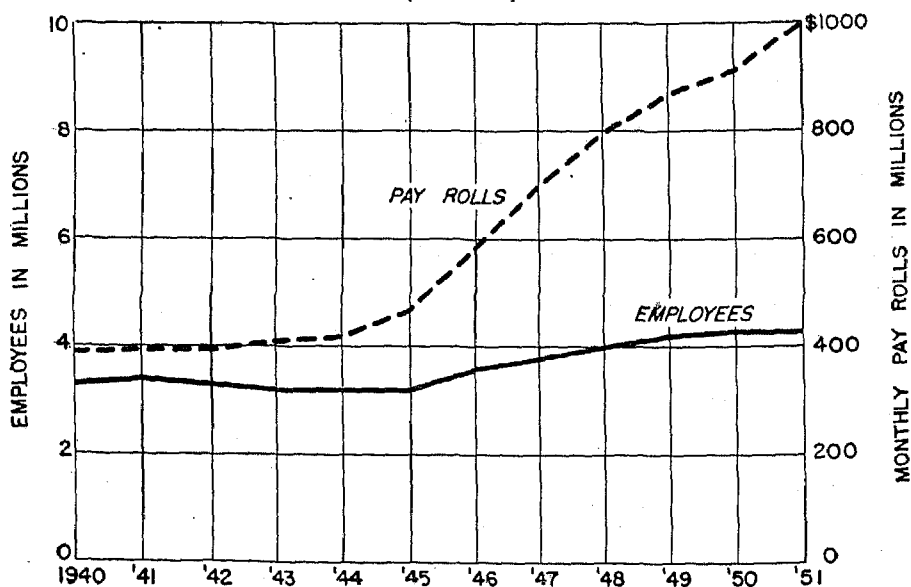


FIG. XIX.—EMPLOYEES AND MONTHLY PAY ROLLS OF STATE AND LOCAL GOVERNMENTS AS OF OCTOBER: 1940 TO 1951
[See table 416]



Source of figs. XVIII and XIX: Department of Commerce, Bureau of the Census.

No. 406.—GOVERNMENTAL UNITS IN THE UNITED STATES, BY STATES AND BY TYPE OF GOVERNMENT: 1951

[Preliminary figures]

STATE	All govern- mental units ¹	LOCAL GOVERNMENTS EXCEPT SCHOOL DISTRICTS					School districts
		Total	Counties ²	Municipalities	Town- ships and towns	Special districts	
Total.....	119,465	48,964	3,049	16,677	17,338	11,900	70,452
Alabama.....	531	422	67	300	.....	55	108
Arizona.....	379	107	44	44	.....	49	271
Arkansas.....	1,156	733	75	380	.....	278	422
California.....	3,774	1,606	67	304	.....	1,305	2,107
Colorado.....	1,948	597	62	243	.....	292	1,350
Connecticut.....	363	359	8	33	152	166	3
Delaware.....	70	54	3	50	.....	1	15
District of Columbia.....	2	2	.....	.....	.....	.....	.....
Florida.....	619	551	67	284	.....	200	67
Georgia.....	905	717	159	478	.....	80	187
Idaho.....	912	599	44	187	.....	368	312
Illinois.....	8,594	4,013	102	1,152	1,418	1,341	4,580
Indiana.....	3,061	1,945	92	528	1,010	315	1,115
Iowa.....	5,810	1,155	90	933	.....	124	4,653
Kansas.....	7,398	2,961	105	604	1,530	722	4,436
Kentucky.....	702	528	120	280	.....	119	233
Louisiana.....	488	420	62	206	.....	152	67
Maine.....	642	637	16	21	494	106	4
Maryland.....	250	258	23	150	.....	85	.....
Massachusetts.....	585	584	12	39	312	221	.....
Michigan.....	6,752	1,014	83	488	1,204	79	4,837
Minnesota.....	9,309	2,829	87	787	1,883	72	6,479
Mississippi.....	699	605	82	287	.....	256	93
Missouri.....	7,117	2,170	114	709	329	937	4,937
Montana.....	1,609	321	56	120	.....	145	1,287
Nebraska.....	8,318	1,627	93	531	476	527	6,690
Nevada.....	251	83	17	15	.....	51	167
New Hampshire.....	548	310	10	12	220	77	228
New Jersey.....	1,155	672	21	331	237	83	482
New Mexico.....	294	185	32	72	.....	81	108
New York.....	4,583	2,487	57	612	932	886	2,095
North Carolina.....	643	642	100	425	.....	117	.....
North Dakota.....	3,960	1,893	53	346	1,399	95	2,066
Ohio.....	4,002	2,490	88	808	1,350	154	1,502
Oklahoma.....	2,781	667	77	503	.....	87	2,113
Oregon.....	1,709	637	36	210	.....	391	1,071
Pennsylvania.....	5,178	2,658	66	989	1,573	30	2,519
Rhode Island.....	90	89	.....	7	32	50	.....
South Carolina.....	1,976	379	46	236	2	95	1,596
South Dakota.....	4,950	1,557	64	303	1,138	52	3,398
Tennessee.....	406	402	95	230	.....	77	3
Texas.....	4,031	1,538	254	713	.....	571	2,492
Utah.....	353	312	29	207	.....	76	40
Vermont.....	415	304	14	71	239	70	20
Virginia.....	355	354	100	216	.....	38	.....
Washington.....	1,540	991	39	236	68	648	548
West Virginia.....	348	292	55	212	.....	25	55
Wisconsin.....	7,299	1,923	71	529	1,271	52	5,375
Wyoming.....	529	207	23	86	.....	98	321

¹ Includes Federal Government and the 48 States.

² Number of county governments; excludes areas corresponding to counties but having no organized county government, such as counties in Rhode Island, the organized counties in South Dakota, the "independent cities" in Virginia, and areas in other States in which cities have been consolidated with or perform the functions of county governments.

Source: Department of Commerce, Bureau of the Census; *Governments in the United States, 1951*.

No. 407.—FEDERAL EXPENDITURES—AID TO STATE AND LOCAL GOVERNMENTS: 1951 AND 1952

[In millions of dollars. For years ending June 30. Based on existing and proposed legislation]

TYPE OF AID, FUNCTION, AND MAJOR PROGRAM	1951 actual	1952 estimate	TYPE OF AID, FUNCTION, AND MAJOR PROGRAM	1951 actual	1952 estimate
Federal aid to State and local governments, total.....	2, 434	2, 722	Grants-in-aid—Continued		
Grants-in-aid, total.....	2, 256	2, 512	Agriculture and agricultural resources—Continued		
Veterans' services and benefits.....	9	8	Commodity Credit Corporation: Donation of commodities.....	40	5
Supervision of on-the-job training.....	3	3	Other.....	14	14
Other.....	6	5	Natural resources.....	18	26
Social security, welfare, and health.....	1, 459	1, 525	Forestry cooperation.....	10	10
Public assistance.....	1, 186	1, 180	Other.....	8	16
National school lunch program.....	83	84	Transportation and communication.....	426	445
Vocational rehabilitation.....	16	21	Federal-aid postwar highway construction.....	363	397
Hospital construction.....	107	155	Federal-aid airport program.....	30	35
Maternal and child welfare.....	28	32	Other.....	13	13
Defense community facilities and services.....		15	Labor: Unemployment compensation and employment service administration.....	178	182
Disease control and other public health.....	40	38	General government: District of Columbia—Federal contribution.....	11	11
Housing and community development.....	7	49	Shared revenues.....	31	42
Defense community facilities and services.....		7	Agriculture and agricultural resources.....	(1)	1
Disaster relief.....		17	Natural resources.....	31	41
Civil defense.....		11	Mineral Leasing Act.....	17	15
Low-rent housing—annual contributions.....	7	14	National forests fund.....	8	14
Other.....	1	1	Tennessee Valley Authority: Payments in lieu of taxes.....	2	3
Education and general research.....	49	182	Other.....	3	0
Vocational education.....	27	26	Loans and repayable advances: Housing and community development.....	146	168
Education of children on Federal property and in areas especially affected by Federal activities.....	17	151	United States Housing Act.....	142	120
Other.....	5	5	Other.....	4	42
Agriculture and agricultural resources.....	98	83			
Cooperative extension work.....	31	32			
Removal of surplus commodities.....	13	32			

¹ Less than \$500,000.

Source: Bureau of the Budget; *Budget of the United States Government, 1953*, Special Analysis G.

No. 408.—FEDERAL, STATE, AND LOCAL GENERAL REVENUE BEFORE AND AFTER INTERGOVERNMENTAL AID: 1949 AND 1950

[In millions of dollars. Differences between totals of fiscal aid received and fiscal aid paid primarily reflect variance in fiscal years among governments]

ITEM	TOTAL		FEDERAL		STATE AND LOCAL					
					Total		State		Local	
	1949	1950	1949	1950	1949	1950	1949	1950	1949	1950
Revenue from own sources.....	56, 512	57, 565	38, 002	38, 354	17, 910	19, 211	9, 226	9, 833	8, 084	9, 370
Aid from other governments ¹	5, 558	6, 190			5, 558	6, 190	1, 760	2, 030	3, 798	4, 160
Total gross revenue.....	62, 070	63, 762	38, 002	38, 354	23, 469	25, 408	10, 986	11, 863	12, 482	13, 515
Aid to other governments ¹	5, 455	6, 224	1, 800	2, 098	3, 654	4, 126	3, 544	4, 011	110	115
Revenue for own purposes.....	56, 616	57, 537	36, 801	36, 256	19, 814	21, 281	7, 442	7, 851	12, 372	13, 430

¹ Comprises money grants and shared revenue; excludes grants in kind and loans.

Source: Department of Commerce, Bureau of the Census; annual report, *Governmental Revenue in 1950*.

SUMMARY OF FINANCES

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No. 409.—SUMMARY OF FINANCES OF FEDERAL, STATE, AND LOCAL GOVERNMENTS: 1942

[In millions of dollars. See also *Historical Statistics*, series P 188-201 for historical data on State and local government finances]

ITEM	Total	Federal ¹	STATE AND LOCAL						
			Total	State	Local				
					Total	Counties	Cities	Towns and townships	School districts ²
GENERAL REVENUE									
Total.....	\$ 24,159	13,623	\$ 11,390	6,100	7,040	1,650	3,118	344	1,779
Taxes.....	23,027	13,417	9,611	4,970	4,632	938	2,208	254	1,052
Individual income.....	3,527	3,251	276	249	27	27	27		
Corporate income.....	4,998	4,726	272	269	3	3	3		
Property.....	4,544		4,544	271	4,273	893	1,999	245	1,051
Sales and gross receipts and customs.....	5,687	3,334	2,353	2,220	133	3	126		
Pay roll.....	2,350	1,267	1,084	1,076	8		8		
Licenses, permits, and other taxes.....	1,921	839	1,082	803	180	43	135	10	1
Aid received from other governments.....		(⁴)	\$ 854	809	1,795	562	515	72	641
State.....		(⁴)			1,718	551	479	68	616
Other.....		(⁴)	\$ 854	809	79	11	36	4	25
Earnings and miscellaneous.....	1,131	206	925	312	613	150	306	17	86
GENERAL EXPENDITURE									
Total.....	\$ 44,602	34,320	\$ 11,118	5,821	7,096	1,629	3,184	344	1,783
Provision for debt retirement.....	1,086	(⁴)	1,086	305	781	192	363	40	141
Total less provision for debt retirement.....	\$ 43,516	34,320	\$ 10,032	5,516	6,315	1,438	2,820	303	1,642
Operation.....	31,168	23,954	7,214	1,914	5,301	1,234	2,266	266	1,467
General control.....	1,105	438	667	160	498	249	212	37	
Public safety.....	21,915	21,158	757	123	635	57	547	25	
Police.....	396	10	386	38	348	38	300	11	
Fire.....	231	(⁴)	231	1	229	(⁴)	216	10	
Other.....	21,289	21,148	141	84	57	19	32	3	
Highways.....	674	66	808	260	547	244	210	81	
Natural resources.....	1,160	1,001	159	123	35	16			
Sanitation.....	190		190		190	2	166	6	
Health and hospitals.....	593	27	566	285	280	119	154	6	
Public welfare.....	2,351	1,125	1,226	526	700	380	272	42	
Schools.....	2,388	23	2,365	275	2,090	77	491	55	1,467
Miscellaneous.....	591	115	476	152	325	85	204	14	
Capital outlay.....	7,594	6,577	1,017	615	402	83	182	23	97
Aid paid to other governments.....		837		1,751	48	41	4	3	(⁴)
Interest.....	1,776	1,260	516	110	406	79	206	11	77
Contributions to trust funds and enterprises.....	2,978	1,093	1,285	1,126	\$ 159		\$ 159		
ENTERPRISES									
Operating revenue.....	2,857	1,604	1,164	138	1,026	10	905	15	
Operating expense (before depreciation).....	2,191	1,587	604	38	566	7	507	7	
GENERAL AND ENTERPRISE DEBT OUTSTANDING									
Gross debt.....	96,294	76,991	\$ 19,303	3,267	16,034	1,969	9,423	250	1,668
Long-term.....	89,771	71,387	\$ 18,384	3,104	15,314	1,911	9,167	221	1,575
Short-term.....	6,523	5,604	\$ 910	163	770	59	256	29	93
Net long-term.....	87,789	71,387	16,402	2,969	13,832	1,762	7,980	216	1,475

¹ Sources: Revenue, U. S. Treasury Department, *Combined Statement of Receipts, Expenditures, and Balances of the U. S. Government, Fiscal Year Ended June 30, 1942*, pp. 25-31; other data, special compilation by Bureau of Accounts, U. S. Treasury Department. Adjustments made in Federal data to conform to Bureau of Census classifications for reporting State and local government finances.

² Represents only those school districts classified by Census Bureau as independent units of government. School figures for other local governments are included with figures for those governments.

³ Each of these Federal-State-local totals and State-and-local totals is less than the sum of amounts shown separately for the several components, because totals exclude duplicating intergovernmental fiscal aid.

⁴ Included in "Earnings and miscellaneous."

⁵ Omits \$94 million for debt retirement reported by U. S. Treasury because payment is only nominally an expenditure and is not a charge against revenue.

⁶ Included in "Other" public safety.

⁷ Includes \$21,111 million for war activities.

⁸ Less than \$0.5 million.

⁹ For cities having populations over 100,000 only. Data for other local governments not available.

¹⁰ Total is less than sum of "State" and "Local" because of exclusion of debts incurred by States for loans to local governments, which duplicate local government obligations held by States.

Source: Department of Commerce, Bureau of the Census; (Federal data) *Governmental Finances in the U. S., 1942*, and (State and local data) *Revised Summary of State and Local Governmental Finances in 1942*. Revisions published in 1948 reports on government finances.

No. 410.—FEDERAL, STATE, AND LOCAL GENERAL REVENUE, BY SOURCE: 1942 TO 1950

[In millions of dollars. See also *Historical Statistics*, series P 188-192]

ITEM	Total ¹	Federal ¹	STATE AND LOCAL						
			Total ¹	State	Local				
					Total	County	City	School district	Other
Total:									
1942.....	24, 159	13, 623	11, 390	6, 100	7, 040	1, 650	3, 118	1, 779	492
1948.....	57, 224	40, 890	17, 826	10, 025	11, 036	2, 614	4, 632	3, 125	665
1949.....	56, 512	38, 602	19, 711	10, 986	12, 482	3, 035	5, 019	3, 662	767
1950.....	57, 555	38, 364	21, 309	11, 863	13, 545	3, 316	5, 376	4, 054	708
Taxes:									
1942.....	23, 027	13, 417	9, 611	4, 979	4, 632	938	2, 298	1, 052	344
1948.....	54, 495	40, 104	14, 391	7, 791	6, 601	1, 328	3, 183	1, 635	453
1949.....	53, 576	37, 810	15, 766	8, 349	7, 417	1, 543	3, 417	1, 934	524
1950.....	54, 626	37, 684	16, 941	8, 940	8, 002	1, 678	3, 656	2, 121	546
Charges and miscellaneous:									
1942.....	1, 131	206	925	312	613	150	306	86	71
1948.....	2, 729	786	1, 943	706	1, 147	328	570	162	83
1949.....	2, 036	791	2, 144	878	1, 266	354	619	200	93
1950.....	2, 039	669	2, 270	893	1, 377	370	684	217	97
Aid received from other governments:									
1942.....			854	809	1, 795	562	515	641	77
1948.....			³ 1, 492	1, 439	3, 288	957	878	1, 328	124
1949.....			³ 1, 800	1, 760	3, 798	1, 138	983	1, 528	150
1950.....			³ 2, 093	2, 030	4, 166	1, 259	1, 036	1, 717	156

¹ Excluding duplicating intergovernmental aid: Federal-State-local totals include no aid receipts; State-local totals include only aid received from Federal Government.² Amounts, as derived from Treasury Dept. and Bureau of Budget sources, adjusted and arranged in accordance with Bureau of Census uniform classification of State and local government finances.³ Federal aid paid to State and local governments during its specified fiscal year, taken as being substantially equivalent to Federal aid received by such governments during their respective fiscal years in the absence of comprehensive post-1942 data as to aid received by local governments direct from Federal Government.

No. 411.—FEDERAL, STATE, AND LOCAL TAX REVENUE, BY TYPE: 1942 TO 1950

[See also *Historical Statistics*, series P 189-190]

ITEM	Total	Individual income	Corporation income	Sales, use, gross receipts, and customs	Property	Death and gift	Social insurance	Licenses, permits, and other
Total:	AMOUNT (MILLIONS OF DOLLARS)							
1942.....	23, 027	3, 527	4, 998	5, 687	4, 544	632	2, 350	1, 380
1948.....	54, 495	19, 762	10, 273	12, 106	6, 128	1, 074	3, 580	1, 572
1949.....	53, 576	16, 105	11, 844	12, 598	6, 842	959	3, 442	1, 789
1950.....	54, 626	16, 472	11, 043	12, 986	7, 366	873	3, 921	1, 904
Federal:								
1942.....	13, 417	3, 251	14, 726	3, 334	-----	419	\$ 1, 267	420
1948.....	40, 104	19, 210	19, 681	7, 661	-----	890	\$ 2, 519	133
1949.....	37, 810	15, 461	11, 196	7, 780	-----	780	\$ 2, 466	128
1950.....	37, 684	15, 684	11, 450	7, 832	-----	698	\$ 2, 890	131
State and local:								
1942.....	9, 611	276	272	2, 353	4, 544	113	1, 084	909
1948.....	14, 391	543	591	4, 445	6, 128	184	1, 062	1, 438
1949.....	15, 766	644	648	4, 810	6, 842	179	975	1, 601
1950.....	16, 941	789	593	5, 154	7, 366	175	1, 031	1, 833
State:								
1942.....	4, 979	249	269	2, 220	271	112	1, 076	781
1948.....	7, 791	499	585	4, 045	279	180	1, 059	1, 143
1949.....	8, 349	593	641	4, 365	276	176	973	1, 325
1950.....	8, 940	724	586	4, 670	311	171	1, 028	1, 450
Local:								
1942.....	4, 632	27	3	133	4, 273	1	8	188
1948.....	6, 601	44	7	400	5, 850	3	2	205
1949.....	7, 417	51	7	451	6, 566	3	3	339
1950.....	8, 002	64	7	484	7, 056	4	3	383
Total.....	PER CAPITA, 1950 ³							
Federal.....	\$300.12	\$108.59	\$72.80	\$85.61	\$48.56	\$5.75	\$25.85	\$12.95
State and local.....	248.43	103.39	68.89	51.63	-----	4.60	19.05	8.60
State.....	111.69	5.20	3.91	33.98	48.56	1.15	6.80	12.08
Local.....	58.94	4.78	3.86	30.79	2.05	1.13	6.78	9.56
Local.....	52.75	.42	.05	3.19	46.51	.03	.02	2.52

¹ Includes excess profits tax as well as normal tax and surtax; 1942 also includes unjust enrichment tax.² Includes those collections of railroad unemployment insurance tax credited directly to Railroad Retirement Board and shown in *Budget of U. S. Government* as trust account receipt.³ Computed on basis of estimated population (151,689,000) of continental United States, including armed forces overseas, as of July 1, 1950.Source of tables 410 and 411: Dept. of Commerce, Bureau of Census; annual report, *Governmental Revenue in 1950*.

No. 412.—GROSS DEBT OF FEDERAL, STATE, AND LOCAL GOVERNMENTS: 1902 TO 1951

[In millions of dollars. Beginning 1940, data are as of June 30; earlier data as of ends of fiscal years]

YEAR	Total	Federal ¹	STATE AND LOCAL ²						
			Total	State	Local				
					Total	County	City	Township	Special district
1902.....	3,373	1,178	2,195	270	1,925	205	1,612	57	46
1912.....	5,092	1,194	4,498	423	4,075	393	3,447	80	119
1922.....	33,219	22,003	10,266	1,163	9,003	1,387	5,810	130	1,127
1932.....	39,063	19,487	19,576	2,896	16,680	2,775	9,909	433	2,170
1942.....	92,112	72,422	19,690	3,211	16,479	1,846	9,806	273	1,701
1945.....	275,271	258,082	16,589	2,425	14,164	1,545	8,411	(3)	1,868
1946.....	285,344	269,422	15,922	2,358	13,564	1,417	8,101	(3)	1,283
1947.....	275,111	258,286	16,825	2,978	13,847	1,481	8,097	(3)	1,355
1948.....	270,994	252,292	18,702	3,722	14,980	1,408	8,859	276	1,500
1949.....	273,045	262,770	20,875	4,024	16,851	1,603	9,496	310	2,147
1950.....	281,548	257,357	24,191	5,361	18,830	1,707	10,908	339	2,710
1951.....	282,262	255,222	27,040	6,873	20,667	1,875	11,721	411	3,257

¹ Public debt of the United States Government; includes general treasury obligations incurred on behalf of Federal agencies and excludes Federal agency debt incurred outside of general treasury.

² Comprises debt both for general purposes and for government enterprises.

³ Estimates included in total; not shown separately.

No. 413.—ANNUAL INTEREST PAYMENTS ON DEBT OF FEDERAL, STATE, AND LOCAL GOVERNMENTS: 1932 TO 1950

[Data are for fiscal years of various governments ending within specified calendar year, except that State data and all 1942 amounts are for fiscal years ending June 30 of year specified or within 12 preceding months]

YEAR	PAYMENTS (in millions of dollars)						PER CAPITA ¹				
	Total	Fedral ²	State and local				Total	Fedral	State and local		
			Total	State	Local				Total	State	Local
					Total	Cities only					
1932.....	1,439	599	840	114	726	419	\$12	\$5	\$7	\$1	\$6
1942.....	1,967	1,260	707	123	584	345	15	9	5	1	4
1945.....	4,226	3,622	604	95	509	303	30	26	4	1	4
1946.....	5,305	4,747	558	85	473	289	38	34	4	1	3
1947.....	5,474	4,958	518	78	438	272	38	34	4	1	3
1948.....	5,732	5,188	544	87	457	282	39	35	4	1	3
1949.....	5,930	5,352	578	98	480	288	40	36	4	1	3
1950.....	6,111	5,496	615	111	504	313	41	36	4	1	3

¹ Based on estimated population, including armed forces overseas, as of July 1 except for 1950 data, which are based on April 1 enumeration for continental United States.

² On basis of Public Debt accounts.

No. 414.—OUTSTANDING DEBT OF STATE AND LOCAL GOVERNMENTS, BY TYPE OF DEBT: JUNE 30, 1951

[In millions of dollars]

TYPE OF DEBT	Total	State	LOCAL					
			Total	County	City	Township	School district	Special district
Gross debt.....	27,040	6,373	20,667	1,875	11,721	411	3,257	3,403
Long-term debt.....	25,549	6,101	19,448	1,795	11,285	368	3,130	2,870
Full faith and credit.....	21,351	4,752	16,599	1,739	8,963	393	3,130	2,404
Nonguaranteed.....	4,197	1,349	2,848	86	2,322	5	—	466
Offsets to long-term debt.....	3,015	1,017	1,998	88	1,668	11	181	150
Net long-term debt.....	22,534	5,084	17,450	1,707	9,717	357	2,949	2,720

Source of tables 412-414: Department of Commerce, Bureau of the Census; annual report, *Governmental Debt in 1951*.

No. 415.—SUMMARY OF STATE AND LOCAL GOVERNMENT FINANCES, BY STATE AREA AND LEVEL OF GOVERNMENT: 1942

[State-and-local aggregates of general revenue and general expenditure are less than the sum of "State" and "Local," because they exclude duplicating intergovernmental aid, i. e., that between State and local levels of government. Thus, both national and State-area aggregates for "Aid received" represent aid from only the Federal Government. See also *Historical Statistics*, series P 188-200, for total general revenue and total general expenditure of all State and local governments]

[In thousands of dollars]

STATE AREA AND LEVEL OF GOVERNMENT	GENERAL REVENUE			GENERAL EXPENDITURE			GENERAL AND ENTERPRISE DEBT OUTSTANDING	
	Total	Taxes	Aid received	Total	Operation	Capital outlay	Gross	Net long-term
Total	11,389,767	9,610,765	854,176	11,118,298	7,214,689	1,016,563	19,802,847	16,401,666
State.....	6,080,949	4,978,584	809,315	5,821,411	1,914,019	614,999	3,200,623	2,569,216
Local.....	7,039,514	4,032,181	1,794,567	7,095,767	5,300,670	401,564	16,084,048	13,832,450
Alabama.....	110,985	90,032	11,884	113,655	71,779	13,397	229,235	214,822
State.....	79,789	62,287	10,991	72,570	20,877	9,548	76,656	72,020
Local.....	68,688	28,645	32,385	68,115	50,902	3,849	152,579	142,793
Arizona.....	49,242	37,018	7,223	45,469	31,413	7,185	75,872	71,162
State.....	34,175	26,574	6,447	33,319	18,808	4,990	3,663	3,493
Local.....	25,081	10,444	10,740	23,606	17,605	2,195	72,209	67,709
Arkansas.....	77,997	60,343	8,312	68,247	41,638	5,002	226,000	217,408
State.....	56,022	45,822	7,785	47,208	19,952	3,336	154,817	148,792
Local.....	31,380	14,521	9,032	31,150	21,686	1,666	72,083	68,616
California.....	912,100	767,408	67,089	904,076	555,057	77,145	1,357,181	1,247,178
State.....	517,261	436,137	65,010	523,943	31,488	33,892	218,421	144,029
Local.....	688,706	331,271	196,546	576,936	463,569	43,253	1,150,760	1,102,247
Colorado.....	114,057	87,276	10,263	105,362	81,109	7,502	153,079	142,792
State.....	61,798	43,727	14,919	59,162	15,506	5,394	24,089	23,685
Local.....	79,935	43,549	29,020	74,996	65,603	2,108	128,090	119,106
Connecticut.....	186,510	166,592	10,540	179,834	110,730	10,820	188,432	165,794
State.....	98,650	81,760	12,084	90,782	41,050	13,959	30,213	30,213
Local.....	98,712	84,842	9,208	100,293	75,680	2,861	158,219	135,581
Delaware.....	21,714	18,010	1,985	21,633	14,577	2,915	26,141	23,767
State.....	16,107	13,376	1,918	16,473	7,551	2,675	5,307	5,233
Local.....	9,030	4,634	3,490	8,660	7,026	240	20,834	18,534
District of Columbia.....	65,764	53,593	9,101	61,717	40,635	10,069	20,885	9,655
(Local).....	65,764	53,593	9,101	61,717	40,635	10,069	20,885	9,655
Florida.....	156,525	123,397	11,136	154,356	97,607	17,559	446,810	416,050
State.....	82,284	68,243	11,249	77,475	35,303	10,867	1,075	1,075
Local.....	97,484	55,154	23,130	100,045	62,204	6,692	445,735	414,575
Georgia.....	137,951	111,502	10,559	132,314	89,468	18,864	141,876	123,167
State.....	87,668	70,948	12,775	78,865	27,713	14,190	26,079	20,163
Local.....	74,358	40,554	21,769	75,383	61,745	4,674	115,197	97,004
Idaho.....	43,925	32,482	5,529	43,711	29,730	7,284	76,287	71,994
State.....	23,000	15,135	6,045	22,552	11,235	5,066	3,601	2,548
Local.....	27,964	17,347	6,623	27,702	18,495	2,218	72,686	69,446
Illinois.....	762,231	676,111	44,097	723,575	472,859	52,483	960,200	748,985
State.....	368,672	320,802	43,176	327,369	128,303	24,096	150,745	144,387
Local.....	461,765	355,309	59,027	460,776	344,496	28,387	809,455	604,598
Indiana.....	270,828	230,179	23,050	259,902	180,925	27,494	169,988	159,920
State.....	154,079	125,421	21,008	141,151	34,869	20,719	7,960	7,214
Local.....	171,585	104,758	56,878	173,403	146,056	6,775	162,028	151,806
Iowa.....	202,903	163,145	14,602	197,434	142,486	20,532	169,251	166,601
State.....	105,136	80,201	13,818	96,815	42,808	11,789	3,051	2,941
Local.....	129,474	82,944	32,491	132,636	99,678	8,743	166,200	163,660
Kansas.....	136,104	110,400	16,048	126,510	93,943	13,406	104,678	97,523
State.....	66,760	50,041	12,872	62,520	21,714	8,972	15,522	14,544
Local.....	92,678	60,359	26,510	91,253	72,229	4,434	89,056	82,979

1 Total is less than sum of "State" and "Local" because of exclusion of debts incurred by States for loans to local governments, which duplicate local government obligations held by States.

SUMMARY OF FINANCES

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No. 415.—SUMMARY OF STATE AND LOCAL GOVERNMENT FINANCES, BY STATE AREA AND LEVEL OF GOVERNMENT: 1942—Continued

(In thousands of dollars)

STATE AREA AND LEVEL OF GOVERNMENT	GENERAL REVENUE			GENERAL EXPENDITURE			GENERAL AND ENTERPRISE DEBT OUTSTANDING	
	Total	Taxes	Aid received	Total	Operation	Capital outlay	Gross	Net long-term
Kentucky.....	181,005	108,652	12,852	124,812	76,921	20,701	143,001	123,327
State.....	53,321	60,918	12,000	76,804	32,197	16,499	9,324	8,702
Local.....	58,721	41,734	11,229	58,189	44,724	4,202	133,677	114,625
Louisiana.....	163,554	132,333	14,963	173,684	103,075	20,761	387,814	371,420
State.....	113,300	92,053	14,573	120,001	47,010	13,603	184,133	179,985
Local.....	79,621	40,280	29,767	88,233	55,459	7,158	203,681	191,436
Maine.....	68,829	56,445	5,403	66,501	47,508	6,130	69,796	59,661
State.....	40,342	29,059	5,993	39,875	21,250	5,394	28,485	26,833
Local.....	31,500	27,386	2,423	30,540	26,318	736	49,311	33,228
Maryland.....	141,027	121,415	8,349	141,032	85,802	15,247	324,746	260,450
State.....	76,887	63,109	8,206	73,810	20,441	9,177	52,452	50,104
Local.....	59,902	58,306	22,905	88,625	65,361	6,070	272,294	210,346
Massachusetts.....	460,111	402,798	30,264	462,943	326,036	18,829	522,282	396,109
State.....	207,710	170,139	27,401	213,754	50,967	7,157	111,375	76,631
Local.....	340,961	232,659	91,342	338,301	275,069	11,672	424,467	319,567
Michigan.....	527,934	436,979	33,116	498,454	340,654	40,269	637,290	522,346
State.....	307,156	251,153	31,640	283,083	92,994	21,069	51,840	28,085
Local.....	316,616	185,826	97,314	309,124	247,660	10,200	585,460	498,261
Minnesota.....	251,562	206,091	22,822	244,241	163,671	26,060	313,043	264,655
State.....	135,316	103,351	22,304	129,425	36,503	18,169	105,176	79,078
Local.....	163,432	102,740	47,643	161,562	127,168	7,891	208,067	185,640
Mississippi.....	94,791	76,167	10,380	90,364	55,447	8,677	184,344	174,149
State.....	60,389	45,591	11,480	56,097	19,538	6,409	82,490	80,813
Local.....	56,254	30,276	20,782	52,100	35,909	2,277	101,845	93,331
Missouri.....	252,941	206,966	27,592	246,261	165,864	21,795	327,790	302,014
State.....	136,693	106,005	20,283	132,950	61,041	14,032	94,492	89,109
Local.....	137,656	100,961	22,717	137,225	104,823	7,763	233,298	213,806
Montana.....	56,737	42,974	6,333	54,473	37,927	7,520	90,065	85,990
State.....	27,380	17,225	7,098	26,060	13,327	5,174	13,161	12,004
Local.....	38,978	25,749	8,856	30,099	24,600	2,346	76,904	73,986
Nebraska.....	88,362	68,309	9,804	82,733	65,761	8,740	197,039	188,392
State.....	38,685	25,679	9,541	36,621	14,101	6,276	1,384	1,384
Local.....	63,481	42,640	14,067	60,118	51,660	2,464	196,255	187,008
Nevada.....	17,312	12,551	3,216	17,487	10,975	4,007	10,383	9,819
State.....	10,857	6,058	4,565	9,810	3,990	3,492	669	587
Local.....	8,827	6,493	1,023	8,678	6,985	515	9,714	9,232
New Hampshire.....	46,604	37,945	3,811	46,480	31,151	5,729	35,487	33,034
State.....	24,821	17,530	4,413	24,555	12,326	4,027	19,476	17,476
Local.....	24,594	20,415	2,209	24,831	18,825	1,702	10,445	15,558
New Jersey.....	483,760	433,579	16,860	478,820	297,457	20,522	1,096,832	973,055
State.....	202,701	176,682	17,973	198,812	45,676	12,586	109,694	62,440
Local.....	338,351	256,917	56,179	334,726	251,881	7,436	987,138	910,615
New Mexico.....	34,089	26,590	4,782	36,136	24,015	5,810	64,419	63,038
State.....	25,937	19,937	4,864	27,673	12,073	5,258	27,426	26,707
Local.....	15,029	6,653	6,795	14,752	11,942	552	36,993	36,331
New York.....	1,680,528	1,538,113	63,446	1,743,293	1,071,902	122,032	5,162,897	4,255,954
State.....	722,101	646,061	56,860	729,020	143,222	45,101	709,104	498,010
Local.....	1,237,422	892,052	280,072	1,306,486	928,580	76,931	4,468,390	3,757,035
North Carolina.....	188,606	159,257	14,287	170,847	103,904	17,645	142,657	390,968
State.....	132,781	112,808	13,781	114,015	61,836	14,733	136,013	108,329
Local.....	64,528	46,449	9,209	65,357	42,068	2,912	296,962	282,639
North Dakota.....	55,281	45,060	6,243	46,671	30,712	5,961	43,101	20,465
State.....	26,593	19,668	6,624	23,784	11,384	3,698	22,866	5,027
Local.....	33,948	25,391	5,879	28,176	19,328	2,263	20,235	15,438

¹ Total is less than sum of "State" and "Local" because of exclusion of debts incurred by States for loans to local governments, which duplicate local government obligations held by States.

No. 415.—SUMMARY OF STATE AND LOCAL GOVERNMENT FINANCES, BY STATE AREA AND LEVEL OF GOVERNMENT: 1942—Continued

[In thousands of dollars]

STATE AREA AND LEVEL OF GOVERNMENT	GENERAL REVENUE			GENERAL EXPENDITURE			GENERAL AND ENTERPRISE DEBT OUTSTANDING	
	Total	Taxes	Aid received	Total	Operation	Capital outlay	Gross	Net long-term
Ohio.....	605,257	510,976	43,669	582,600	380,704	42,393	697,330	584,657
State.....	358,862	301,930	41,582	337,027	98,863	24,031	13,141	12,865
Local.....	383,031	209,046	128,723	383,577	281,841	18,362	684,189	572,092
Oklahoma.....	153,138	122,351	21,797	143,266	105,392	12,155	102,706	120,592
State.....	103,668	80,291	20,056	91,047	47,696	9,243	40,132	39,280
Local.....	73,532	42,060	25,803	75,314	57,696	2,912	122,574	81,312
Oregon.....	115,479	87,336	15,977	108,344	68,477	15,278	154,494	125,419
State.....	64,973	45,587	13,490	58,582	29,279	10,607	31,280	14,359
Local.....	55,821	41,749	8,802	59,296	39,198	4,071	123,205	112,060
Pennsylvania.....	882,375	749,743	50,775	872,976	535,056	81,099	1,506,510	1,113,273
State.....	491,635	400,930	58,725	481,880	197,143	56,456	290,644	168,904
Local.....	460,522	349,213	79,832	481,576	337,913	24,643	1,215,866	944,369
Rhode Island.....	71,885	65,229	3,843	73,916	42,636	5,734	183,263	132,493
State.....	37,524	33,038	3,452	36,239	13,710	2,167	20,333	23,946
Local.....	37,083	32,191	3,113	40,340	28,926	3,567	153,930	108,547
South Carolina.....	94,423	78,290	9,357	95,740	56,364	13,023	209,120	187,060
State.....	62,881	51,253	8,794	63,510	20,816	11,474	88,039	85,536
Local.....	49,549	27,027	18,570	50,681	35,548	2,449	121,081	102,130
South Dakota.....	53,900	41,570	6,391	51,275	34,732	7,173	68,818	52,932
State.....	23,327	15,543	5,953	22,662	12,352	4,313	32,415	22,598
Local.....	31,975	26,027	1,840	30,987	22,380	2,860	36,403	30,034
Tennessee.....	147,589	117,807	19,045	139,605	85,521	18,200	388,462	361,178
State.....	89,264	66,296	15,665	81,090	25,844	13,938	98,508	80,481
Local.....	85,034	51,511	28,989	86,725	59,677	4,262	289,954	274,097
Texas.....	376,821	305,232	37,215	370,691	233,078	46,295	734,038	662,096
State.....	199,858	159,084	34,151	185,988	74,921	28,468	21,242	17,786
Local.....	238,777	145,548	64,878	246,993	158,157	17,827	712,796	644,310
Utah.....	53,422	40,617	9,168	49,965	37,448	6,159	41,440	38,091
State.....	34,821	24,022	9,159	32,301	18,141	4,558	2,500	2,500
Local.....	24,650	16,595	6,067	24,746	19,307	1,601	38,850	35,501
Vermont.....	28,717	24,065	3,138	28,192	19,389	3,428	17,042	15,943
State.....	16,788	13,144	3,096	16,313	8,101	2,427	6,650	6,650
Local.....	13,459	10,921	1,572	14,768	11,288	1,001	11,282	9,293
Virginia.....	157,985	120,856	13,067	144,451	87,322	30,545	216,429	150,571
State.....	104,705	75,452	12,300	80,243	31,604	24,752	27,818	19,258
Local.....	73,763	45,404	21,250	75,876	55,818	5,793	188,611	131,313
Washington.....	198,338	150,763	24,513	172,017	129,332	13,612	1,234,069	206,296
State.....	138,630	105,891	23,748	117,307	53,082	7,315	17,257	11,925
Local.....	95,884	44,872	30,650	94,192	76,250	6,297	217,081	194,371
West Virginia.....	121,314	97,720	11,686	124,653	73,786	20,591	134,312	126,308
State.....	87,484	67,694	11,538	91,402	33,094	17,898	70,660	74,115
Local.....	54,048	30,126	20,366	53,305	45,692	2,693	54,652	52,193
Wisconsin.....	298,420	239,952	20,880	273,023	204,950	21,866	119,715	102,384
State.....	151,180	122,908	18,803	137,873	32,491	12,002	5,403	5,403
Local.....	221,498	117,044	76,335	214,222	172,459	9,864	114,312	96,981
Wyoming.....	22,766	17,637	2,015	25,158	16,905	4,530	51,198	40,582
State.....	13,261	8,641	3,843	13,554	4,363	4,012	3,568	3,568
Local.....	16,904	8,996	5,566	16,577	12,542	4,518	47,630	46,014

¹ Total is less than sum of "State" and "Local" because of exclusion of debts incurred by States for loans to local governments, which duplicate local government obligations held by States.

Source: Department of Commerce, Bureau of the Census; *Revised Summary of State and Local Government Finances in 1942*; also later revisions to conform to 1945 bases of classification.

No. 416.—EMPLOYEES AND PAY ROLLS OF FEDERAL, STATE, AND LOCAL GOVERNMENTS: 1942 TO 1951

[Data for 1942 through 1950 are for October. Includes employees of enterprises. Both permanent and temporary employees included. Numbers of part-time employees not reduced to full-time equivalent. See also *Historical Statistics*, series P 69-83, for average annual monthly employment and pay rolls]

TYPE OF GOVERNMENT	1942	1945	1946	1947	1948	1949	1950	1951			
								Jan.	Apr.	July	Oct.
NUMBER OF EMPLOYEES (THOUSANDS)											
Total.....	5,915	6,556	6,001	5,791	6,042	6,203	6,402	6,487	6,680	6,012	6,801
Federal (civilian) ¹	2,664	3,375	2,434	2,002	2,076	2,047	2,117	2,204	2,386	2,503	2,514
State and local.....	3,251	3,181	3,567	3,789	3,966	4,156	4,285	4,283	4,294	3,509	4,287
School ²	1,320	1,267	1,467	1,529	1,581	1,658	1,723	1,747	1,759	935	1,750
Nonschool.....	1,931	1,914	2,110	2,260	2,385	2,497	2,562	2,535	2,535	2,574	2,528
State.....	503	473	572	638	677	731	745	732	724	749	764
Local.....	1,428	1,441	1,539	1,622	1,707	1,767	1,817	1,804	1,810	1,824	1,774
City.....	872	879	955	996	1,039	1,082	1,106	1,093	1,101	1,138	1,102
County.....	333	316	361	375	406	410	429	437	431	437	435
Other.....	223	246	223	251	262	275	282	274	278	249	237
AMOUNT OF MONTHLY PAY ROLL (MILLIONS OF DOLLARS)											
Total.....	880.2	1,109.9	1,155.5	1,183.7	1,329.0	1,406.0	1,527.9	1,611.8	1,638.0	1,525.4	1,800.9
Federal (civilian) ¹	486.1	642.3	571.5	481.4	533.9	539.2	613.4	680.9	687.9	736.0	792.9
State and local.....	394.1	467.6	584.0	702.3	795.1	866.7	914.6	930.9	950.1	789.4	1,008.0
School ²	175.4	200.0	260.1	318.5	353.0	384.8	409.4	418.2	424.2	233.5	452.5
Nonschool.....	218.7	267.6	323.9	383.7	442.0	481.9	505.2	512.6	525.9	555.9	555.5
State.....	59.5	72.9	93.5	116.0	134.0	151.3	157.4	155.5	165.5	172.5	177.7
Local.....	159.2	194.7	230.4	267.7	308.0	330.6	347.8	357.1	360.4	383.5	377.8
City.....	109.7	133.2	160.0	181.2	206.2	219.7	230.2	238.7	239.0	250.6	253.0
County.....	34.5	42.6	50.7	58.1	66.6	73.6	78.7	80.0	82.5	86.4	86.1
Other.....	15.0	18.9	19.7	28.4	35.2	37.3	38.9	38.4	38.0	40.5	37.8

¹ Data from Bureau of Labor Statistics. Includes data for Federal civilian employees working outside continental United States.

² Excludes all school board members. Data for 1946-51 based on returns to quarterly mail canvass of Bureau of Census; those for prior years based on information furnished by U. S. Office of Education.

Source: Department of Commerce, Bureau of Census; annual report, *Public Employment in October 1951*.

No. 417.—ESTIMATED AVERAGE MONTHLY EMPLOYMENT OF STATE AND LOCAL GOVERNMENTS: 1929 TO 1951

[In thousands. Includes school districts and other special-purpose agencies. Excludes military and work-relief employment. See also *Historical Statistics*, series P 73-80]

YEAR	Total	Educa- tion	Other	YEAR	Total	Educa- tion	Other
1929.....	2,532	1,121	1,411	1941.....	3,320	1,363	1,957
1930.....	2,622	1,150	1,472	1942.....	3,271	1,383	1,887
1931.....	2,704	1,160	1,544	1943.....	3,174	1,361	1,813
1932.....	2,666	1,148	1,518	1944.....	3,116	1,352	1,764
1933.....	2,601	1,122	1,479	1945.....	3,137	1,363	1,774
1934.....	2,647	1,122	1,525	1946.....	3,341	1,395	1,946
1935.....	2,728	1,151	1,577	1947.....	3,580	1,468	2,112
1936.....	2,842	1,174	1,668	1948.....	3,786	1,517	2,269
1937.....	2,923	1,206	1,717	1949.....	3,911	1,575	2,336
1938.....	3,054	1,239	1,815	1950.....	4,000	1,578	2,424
1939.....	3,090	1,267	1,823	1951.....	4,113	1,576	2,537
1940.....	3,206	1,295	1,907				

Source: Department of Labor, Bureau of Labor Statistics. 1929-39, records of the State, County, and Municipal Survey; 1940-45, education, U. S. Office of Education data, adjusted to include noninstructional staff; noneducation, 1940-51, and education, 1946-51, Bureau of the Census data, adjusted to exclude nominal employees.

No. 418.—NUMBER OF PUBLIC EMPLOYEES, BY STATES: OCTOBER 1950

[Includes employees of enterprises. Both permanent and temporary employees included; numbers of part-time employees not reduced to full-time equivalent. Employment statistics subject to sampling variation. Figures identified by asterisk (*) subject to particularly large variation and should be interpreted with caution]

[In thousands]

STATE	Total em- ployees	Federal civil- ian ¹	STATE AND LOCAL							
			Total	School	Non- school	State ²	Local			
							Total	City ³	County ^(?)	Other ⁴
Total	6,265	1,980	4,285	1,723	2,562	1,057	3,228	1,311	500	1,418
Alabama.....	104	35	69	37	32	18	51	11	0	31
Arizona.....	35	13	22	10	12	7	16	3	3	9
Arkansas.....	54	14	40	22	18	12	28	7	3	18
California.....	566	210	357	140	217	75	282	88	66	120
Colorado.....	71	25	47	19	27	12	35	12	8	14
Connecticut.....	67	11	55	19	36	17	38	20	(⁴)	18
Delaware.....	11	2	9	4	5	4	4	3	1	1
District of Columbia.....	248	227	20	5	15	-----	20	20	-----	(⁴)
Florida.....	118	32	87	34	53	25	62	25	8	29
Georgia.....	123	45	78	38	40	18	60	19	9	32
Idaho.....	25	5	21	9	11	7	14	3	2	9
Illinois.....	331	105	226	81	145	42	184	59	17	109
Indiana.....	142	34	109	51	58	26	83	21	16	46
Iowa.....	105	15	90	41	49	21	69	18	12	40
Kansas.....	83	19	64	30	34	16	48	12	8	27
Kentucky.....	87	26	62	29	32	20	42	14	5	22
Louisiana.....	99	22	77	31	45	30	47	15	5	27
Maine.....	42	10	31	12	19	9	22	7	*1	15
Maryland.....	99	44	54	22	32	16	38	22	16	1
Massachusetts.....	219	59	160	41	120	35	125	70	4	51
Michigan.....	234	41	193	80	114	38	156	61	20	74
Minnesota.....	121	19	102	41	62	25	77	31	11	35
Mississippi.....	67	14	53	27	26	14	38	7	24	7
Missouri.....	146	51	96	41	54	22	74	29	6	39
Montana.....	26	7	19	9	10	5	14	3	3	7
Nebraska.....	61	15	46	19	27	11	35	8	6	21
Nevada.....	11	5	6	2	4	2	5	1	2	2
New Hampshire.....	21	3	18	6	13	7	*12	3	*1	4
New Jersey.....	176	49	127	49	79	22	105	61	13	32
New Mexico.....	32	12	20	11	9	8	12	3	1	8
New York.....	669	180	489	139	350	84	405	280	32	84
North Carolina.....	118	24	94	46	48	71	23	16	7	(⁵)
North Dakota.....	36	5	31	11	20	5	25	5	3	17
Ohio.....	309	89	220	87	133	38	182	71	23	87
Oklahoma.....	98	35	63	31	32	20	42	12	8	22
Oregon.....	65	16	48	21	27	17	32	9	5	17
Pennsylvania.....	350	114	236	95	141	67	169	56	13	100
Rhode Island.....	32	11	21	7	14	7	14	10	-----	4
South Carolina.....	66	19	47	24	24	14	34	8	-----	21
South Dakota.....	37	8	29	10	19	6	24	5	*5	14
Tennessee.....	114	36	78	35	43	17	60	26	31	3
Texas.....	292	94	198	96	102	42	156	47	25	84
Utah.....	48	23	25	13	13	8	17	6	3	9
Vermont.....	15	3	13	5	8	4	9	2	(⁴)	7
Virginia.....	147	66	81	38	43	30	51	23	28	(⁴)
Washington.....	138	57	81	33	48	22	59	17	11	31
West Virginia.....	58	8	50	27	23	18	32	6	3	23
Wisconsin.....	132	21	111	39	72	20	91	46	17	28
Wyoming.....	15	5	10	5	5	3	7	2	*1	4

¹ Data from Bureau of Labor Statistics. Excludes data for Federal civilian employees working outside continental United States; figures differ in this respect from similar data in table 416.

² Includes data for institutions of higher education and dependent elementary and secondary school systems, operated as part of general government.

³ Includes data for townships, independent school districts, other special-purpose districts, and dependent township elementary and secondary school systems.

⁴ Less than 500 employees.

⁵ No separate estimate.

Source: Department of Commerce, Bureau of the Census; annual report, *State Distribution of Public Employment in October 1950*.

No. 419.—AMOUNT OF MONTHLY STATE AND LOCAL GOVERNMENT PAY ROLLS, BY STATES: OCTOBER 1950

[Includes employees of enterprises. Employment statistics subject to sampling variation. Figures identified by asterisk (*) subject to particularly large variation and should be interpreted with caution]

[In millions of dollars]

STATE	TOTAL			State ¹	LOCAL			
	Total	School	Non-school		Total	City ¹	County ¹	Other ²
Total.....	914.6	409.4	505.2	218.4	696.2	290.0	92.5	313.7
Alabama.....	11.9	6.6	5.3	3.1	8.8	1.6	1.4	5.8
Arizona.....	5.1	2.5	2.6	1.3	3.8	.7	.6	2.4
Arkansas.....	5.9	3.5	2.4	1.8	4.1	.7	.4	2.9
California.....	94.7	39.8	54.9	18.4	76.3	24.0	16.2	37.0
Colorado.....	8.2	3.7	4.5	2.4	5.8	2.0	.9	2.9
Connecticut.....	12.6	5.4	7.2	4.1	8.5	4.8	.1	3.7
Delaware.....	2.0	1.0	.9	.9	1.0	.6	.1	.3
District of Columbia.....	5.7	1.8	3.9	—	5.7	5.6	—	—
Florida.....	16.9	7.5	9.4	4.3	12.6	4.0	1.5	6.5
Georgia.....	12.7	6.5	6.3	3.0	9.7	3.0	1.3	5.3
Idaho.....	3.6	1.8	1.8	1.2	2.4	.4	.3	1.6
Illinois.....	56.1	23.0	33.1	9.8	46.2	12.6	3.6	30.1
Indiana.....	23.2	13.5	9.6	4.9	18.2	3.5	2.4	12.3
Iowa.....	15.2	8.5	6.7	3.3	11.4	2.2	2.1	7.0
Kansas.....	11.3	6.4	5.0	2.9	8.4	1.5	1.3	5.6
Kentucky.....	10.5	5.7	4.8	3.1	7.3	2.5	.6	4.2
Louisiana.....	14.6	7.2	7.4	5.0	9.6	2.0	.6	6.4
Maine.....	4.5	1.9	2.6	1.7	2.9	1.1	*.1	1.7
Maryland.....	12.3	5.9	6.4	3.0	9.2	5.1	3.0	3.3
Massachusetts.....	35.8	10.4	25.4	8.5	27.4	16.3	.9	10.2
Michigan.....	46.1	21.8	24.3	8.4	37.7	14.2	4.5	19.0
Minnesota.....	19.9	9.9	9.9	5.4	14.4	6.0	2.2	6.3
Mississippi.....	7.3	4.0	3.2	2.3	5.0	.8	3.0	1.1
Missouri.....	17.8	8.3	9.5	3.7	14.1	4.9	.9	8.2
Montana.....	4.1	2.2	1.9	1.1	2.9	.5	.6	1.8
Nebraska.....	8.4	3.9	4.6	1.9	6.5	1.1	.8	4.5
Nevada.....	1.4	.6	.9	.5	.9	.2	.3	.4
New Hampshire.....	2.7	1.1	1.5	1.0	*1.6	.5	*.1	(³)
New Jersey.....	20.9	13.6	16.5	5.3	24.6	14.9	2.6	7.1
New Mexico.....	4.3	2.6	1.7	1.5	2.8	.5	.2	2.1
New York.....	126.1	39.5	86.6	21.6	104.5	80.7	6.3	17.5
North Carolina.....	18.9	10.4	8.5	15.3	3.7	2.6	1.0	(³)
North Dakota.....	4.1	2.4	1.7	1.1	3.0	.3	.5	2.2
Ohio.....	43.7	19.6	24.1	8.0	35.7	13.5	4.4	17.8
Oklahoma.....	11.3	6.5	4.8	3.5	7.8	1.7	1.1	5.0
Oregon.....	10.7	4.9	5.8	3.6	7.0	1.7	1.1	4.2
Pennsylvania.....	51.0	23.0	28.0	14.2	36.8	11.4	2.7	22.7
Rhode Island.....	4.2	1.7	2.5	1.2	2.9	.3	.6	.6
South Carolina.....	7.8	4.1	3.6	2.5	5.3	1.0	.7	3.6
South Dakota.....	3.8	2.1	1.8	1.0	2.8	.5	*.5	1.8
Tennessee.....	14.2	7.2	7.0	3.0	11.2	5.3	5.4	.4
Texas.....	41.2	22.1	19.1	8.5	32.7	8.7	4.3	19.7
Utah.....	4.5	2.5	2.0	1.5	3.0	.7	.4	1.9
Vermont.....	1.8	.9	.9	.7	1.2	.2	(³)	.9
Virginia.....	14.9	7.5	7.4	5.1	9.8	4.8	5.0	(³)
Washington.....	18.5	7.6	10.8	4.8	13.7	4.1	2.3	7.4
West Virginia.....	9.9	6.0	3.9	3.4	6.5	.8	.4	5.3
Wisconsin.....	21.8	9.6	12.1	4.3	17.5	10.0	3.5	3.9
Wyoming.....	2.0	1.1	.9	.6	1.4	.2	*.2	.9

¹ Includes data for institutions of higher education and dependent elementary and secondary school systems, operated as part of general government.

² Includes data for townships, independent school districts, other special-purpose districts, and dependent township elementary and secondary school systems.

³ Totals include estimates for items for which no separate data are published.

* Less than \$60,000.

Source: Department of Commerce, Bureau of the Census; annual report, *State Distribution of Public Employment in October 1950*.

No. 420.—GENERAL REVENUE AND GENERAL EX

[In thousands of dollars. Excludes transac

1	STATE	General revenue and borrow- ings ¹	GENERAL REVENUE				GENERAL EXPENDITURE			
			Total	Taxes		Aid received from other govern- ments	Charges and miscel- laneous	Total	Provi- sion for debt retire- ment ²	Total less provi- sion for debt retire- ment
				Total	Total except un- employ- ment compen- sation					
1	Total.....	13,190,521	11,862,848	8,939,889	7,911,856	2,030,064	892,895	13,182,735	275,498	12,907,237
2	Alabama.....	191,212	191,150	128,028	116,115	34,718	28,410	190,119	1,094	189,025
3	Arizona.....	71,754	70,854	51,458	47,634	15,325	4,071	75,749	138	75,611
4	Arkansas.....	145,206	128,666	89,399	85,067	33,134	6,133	141,744	5,881	135,863
5	California.....	1,286,049	1,211,049	934,766	806,300	181,836	94,467	1,307,576	9,465	1,358,111
6	Colorado.....	140,589	138,717	92,805	89,315	34,006	11,006	130,410	2,247	137,169
7	Connecticut.....	233,792	150,142	118,575	105,290	20,999	10,568	170,263	1,242	169,021
8	Delaware.....	63,890	34,018	27,166	25,708	4,404	2,448	42,172	398	41,774
9	Florida.....	231,622	230,272	177,865	170,323	44,517	7,890	235,999	998	235,031
10	Georgia.....	201,594	201,589	137,088	124,975	51,652	11,949	204,047	118	203,929
11	Idaho.....	50,927	50,927	33,834	29,571	5,353	54,326	84	54,242	54,242
12	Illinois.....	553,743	550,348	435,706	379,765	95,764	18,788	609,161	20,678	579,483
13	Indiana.....	288,710	280,578	220,578	202,422	38,098	27,623	282,989	1,716	281,273
14	Iowa.....	264,046	228,458	156,908	146,060	40,213	31,337	317,527	3,093	314,434
15	Kansas.....	171,668	171,418	125,257	119,291	34,525	11,636	160,012	952	159,060
16	Kentucky.....	168,346	167,968	122,496	107,663	36,361	9,111	172,039	347	171,692
17	Louisiana.....	385,266	363,766	257,003	241,653	79,597	27,166	370,150	8,485	361,665
18	Maine.....	71,438	71,438	47,233	41,080	14,909	9,296	74,417	1,842	72,575
19	Maryland.....	208,062	178,575	143,302	131,008	19,194	16,079	205,744	6,857	198,887
20	Massachusetts.....	387,742	362,392	282,977	233,959	61,924	17,491	432,788	26,628	406,160
21	Michigan.....	617,819	608,827	460,962	392,123	80,559	67,306	655,943	17,508	638,435
22	Minnesota.....	361,435	262,323	196,302	187,118	43,226	22,795	335,005	17,190	317,815
23	Mississippi.....	138,177	130,656	91,359	87,241	30,258	9,039	140,673	2,752	137,921
24	Missouri.....	273,599	273,231	185,031	161,704	77,140	11,060	275,135	6,849	268,286
25	Montana.....	62,573	57,273	33,975	29,797	16,689	6,609	60,550	2,368	58,182
26	Nebraska.....	87,533	87,008	56,794	54,070	19,058	10,346	84,216	152	84,064
27	Nevada.....	21,220	21,020	12,469	10,954	7,523	1,028	21,534	55	21,479
28	New Hampshire.....	47,084	38,834	24,302	19,704	7,832	6,700	44,768	1,971	42,787
29	New Jersey.....	243,998	243,998	191,557	147,956	37,461	14,980	260,854	4,072	256,782
30	New Mexico.....	79,545	70,014	55,226	51,168	15,463	5,325	70,519	3,687	75,832
31	New York.....	1,331,077	1,275,094	1,096,549	888,322	127,274	51,271	1,375,275	46,083	1,329,192
32	North Carolina.....	410,447	286,947	230,369	212,382	43,026	13,562	341,419	5,853	335,566
33	North Dakota.....	59,395	58,595	40,891	30,022	13,760	3,944	88,021	9,938	78,083
34	Ohio.....	545,846	545,463	423,425	379,396	85,728	36,310	501,801	8,490	563,302
35	Okahoma.....	311,044	243,544	165,473	158,163	64,339	13,782	262,800	869	261,940
36	Oregon.....	170,948	164,248	111,972	99,184	28,145	24,131	160,606	7,111	168,895
37	Pennsylvania.....	1,098,501	670,701	496,485	438,543	96,908	77,218	962,283	6,703	955,490
38	Rhode Island.....	71,032	60,232	40,207	38,280	8,480	2,545	67,980	1,818	66,168
39	South Carolina.....	139,266	129,266	97,292	89,915	25,379	6,595	150,801	6,275	144,526
40	South Dakota.....	78,423	57,423	39,244	37,876	14,307	3,872	77,581	9,498	68,083
41	Tennessee.....	233,233	222,083	162,166	149,770	50,246	9,671	230,881	8,453	228,428
42	Texas.....	514,103	485,331	343,939	317,012	113,892	27,500	478,121	1,886	476,235
43	Utah.....	68,664	68,615	46,480	43,384	12,708	9,427	67,600	29	67,571
44	Vermont.....	34,480	30,146	21,912	20,343	6,541	1,693	31,537	263	31,274
45	Virginia.....	217,225	215,905	154,641	145,097	21,682	39,582	211,341	489	210,855
46	Washington.....	380,064	306,864	235,596	200,840	46,597	24,671	384,885	3,225	381,160
47	West Virginia.....	153,988	141,988	103,534	93,930	24,683	13,771	170,371	6,398	163,973
48	Wisconsin.....	279,095	278,997	210,066	196,784	45,041	23,950	272,763	290	272,463
49	Wyoming.....	35,161	34,080	19,307	17,634	12,213	2,560	37,789	204	37,495

¹ Borrowings are for general-government purposes only, consisting of long-term debt incurred during fiscal year other than by funding or refunding, plus any excess of issuance over redemption (i. e., excluding funding) of short-term debt.

² Includes direct redemption and payments into sinking funds for retirement of general debt, not debt incurred for enterprise purposes.

³ Includes amounts for general control, public safety, natural resources, health, hospitals and institutions for the handicapped, correction, libraries, recreation, and miscellaneous and unallocable, not shown separately.

PENDING OF STATE GOVERNMENTS, BY STATES: 1950

tions of trust, sinking, and enterprise funds]

GENERAL EXPENDITURE—continued											
Operation				Capital outlay		Aid paid to other governments				Inter- est ⁴	Contri- butions to trust funds and enter- prises
Total ³	High- ways	Public wel- fare	Schools	Total	High- ways only	Total ¹	High- ways	Public wel- fare	Schools		
5,457,049	567,333	1,577,583	828,796	2,111,864	1,437,803	4,011,471	576,342	772,901	1,982,137	87,788	1,239,065
80,423	6,463	719	13,420	24,600	10,025	96,440	14,721	26,014	46,046	2,030	15,523
31,942	3,195	12,002	5,687	16,453	12,531	22,008	3,047	11,100	102	4,206	4,206
64,304	9,138	27,325	8,609	24,133	16,964	37,082	5,375	26,982	4,005	5,430	4,430
496,978	24,009	202,588	82,688	205,643	100,205	497,009	68,786	100,170	227,557	2,401	156,020
39,362	5,204	903	12,017	23,455	18,076	69,427	10,811	47,224	9,882	377	4,548
96,177	15,373	23,474	10,760	34,318	19,611	21,082	1,036	3,563	13,121	210	16,334
24,398	1,831	1,858	5,708	7,826	5,226	7,663	387	741	6,335	334	1,553
117,162	7,706	50,098	16,325	39,355	25,038	67,043	12,413	50,081	492	10,079	9
88,498	6,072	35,110	16,617	40,548	35,007	58,404	4,817	1,560	49,225	65	16,414
26,906	3,901	9,968	3,708	15,017	8,699	7,408	1,622	4,390	15	4,896	11
287,092	16,683	113,266	40,722	82,026	44,904	137,275	48,330	27,324	54,871	9,572	63,618
97,882	12,194	2,950	25,817	42,339	21,076	116,377	26,371	26,628	58,340	251	24,424
175,711	5,760	36,263	18,829	46,704	36,580	80,879	30,084	25,477	170	10,871	14
55,516	11,661	1,415	16,151	34,004	29,728	63,015	4,872	28,955	20,359	228	6,207
92,414	25,888	27,158	10,580	36,531	31,295	25,766	1,235	24,402	273	16,708	16
189,052	16,283	105,949	18,955	43,714	33,180	101,162	6,872	67,614	7,140	20,697	17
42,993	10,532	13,081	3,915	12,150	9,103	9,300	2,177	608	5,085	343	7,720
61,491	6,582	651	11,325	41,958	31,686	78,147	20,391	13,188	32,437	665	16,628
131,092	10,201	8,277	8,013	40,704	32,411	179,056	3,677	75,749	25,657	2,741	52,567
236,646	14,008	89,061	35,279	65,941	38,991	251,192	42,760	12,790	140,950	4,256	80,400
149,328	12,449	3,258	24,527	52,724	31,855	95,088	10,589	41,428	2,833	17,842	22
56,952	4,727	20,578	9,408	26,640	17,101	47,628	14,044	24,855	2,472	4,220	23
155,099	12,024	93,761	12,507	38,829	20,975	49,077	1,907	44,632	1,800	23,391	24
30,245	4,867	11,237	4,092	15,153	11,876	6,940	420	6,361	416	5,428	25
33,692	7,345	800	8,516	15,899	12,991	29,680	9,643	18,043	871	18	4,776
9,424	2,175	1,028	1,676	6,701	6,084	3,144	746	2,874	17	2,103	27
25,065	5,029	6,618	3,505	10,000	7,911	2,322	82	728	266	6,194	28
86,037	10,170	10,529	8,216	47,518	43,758	65,980	16,468	16,664	26,824	3,063	54,184
32,732	4,277	9,534	7,252	16,413	10,646	20,905	1,164	18,919	667	5,115	30
348,989	25,570	3,459	36,741	161,384	124,987	572,012	25,304	205,628	233,916	17,766	228,141
159,689	22,136	2,874	98,167	104,171	77,661	89,784	20,741	11,728	3,944	27,978	32
51,067	3,875	7,544	5,365	15,842	12,375	9,545	3,871	106	5,464	189	1,940
212,800	31,686	73,308	25,397	88,105	51,422	230,018	54,415	32,921	95,477	4,348	48,031
142,308	12,671	81,288	20,604	44,847	29,673	65,860	24,655	40,083	921	8,504	35
82,766	12,574	28,353	11,544	36,108	18,837	33,946	9,911	807	21,381	653	15,332
552,377	37,496	158,984	30,375	179,382	105,455	142,359	20,787	1	111,621	3,811	77,561
32,334	2,249	11,401	2,980	7,920	3,053	12,669	83	3,909	3,391	1,101	12,444
50,347	8,371	17,978	10,030	27,514	23,086	46,046	4,781	31,496	1,498	12,221	39
47,444	4,745	8,048	4,234	13,776	11,230	4,411	770	210	2,365	557	1,845
88,082	8,592	40,657	12,597	51,880	37,330	70,619	11,402	49,168	2,737	15,110	41
222,440	24,929	103,007	39,984	91,613	77,420	124,134	7,932	115,064	872	37,177	42
34,395	4,361	11,766	9,155	10,689	6,962	18,306	2,036	14,936	4	4,176	43
18,259	4,851	4,264	1,500	4,620	3,420	5,944	3,005	2,890	42	2,409	44
87,575	23,865	1,042	18,497	49,855	30,670	58,550	2,721	10,168	32,228	189	14,656
172,096	11,527	79,890	21,751	36,212	26,698	132,551	16,218	25,698	72,432	20	40,281
77,092	26,343	20,014	9,427	25,728	16,466	46,838	1,779	45,055	1,552	12,763	47
74,727	12,340	2,641	22,525	40,928	30,689	136,538	22,703	33,551	22,099	141	20,129
11,649	2,995	207	2,730	14,685	10,026	9,373	1,201	3,267	3,774	53	1,735

⁴ Interest on general debt (other than that paid from accumulated assets of sinking and trust funds), not on debt incurred for enterprise purposes.

³ Aid paid for period March 1 to June 30, 1950. From July 1, 1949 to February 28, 1950, old-age assistance and aid to blind were directly administered by State and expenditure is shown as for operation.

Source: Department of Commerce, Bureau of the Census; annual report, *Compendium of State Government Finances in 1950*.

No. 421.—SUMMARY OF STATE GOVERNMENT FINANCES: 1942 TO 1950

[Amounts, except per capita, in millions of dollars. See also *Historical Statistics*, series P 188-200, P 202-211, and P 224-249]

ITEM	1942	1945	1946	1947	1948	1949	1950	Per cent distribution, 1950	Per capita, 1950 ¹
General revenue and borrowings, total	6,248	6,742	7,271	9,223	10,825	11,574	13,191	-----	\$89.29
General borrowings	148	14	73	742	799	588	1,328	-----	8.99
General revenue, total	6,100	6,729	7,198	8,481	10,025	10,986	11,863	100.0	80.31
Taxes, total	4,979	5,561	5,968	6,690	7,791	8,349	8,940	75.4	80.52
Total less unemployment compensation	3,903	4,307	4,935	5,721	6,732	7,376	7,912	66.7	53.56
Sales and gross receipts	2,220	2,278	2,806	3,415	4,045	4,365	4,670	39.4	31.62
General sales or gross receipts	633	776	900	1,181	1,479	1,609	1,670	14.1	11.31
Motor vehicle fuels	942	696	887	1,110	1,260	1,361	1,544	13.0	10.46
Alcoholic beverages	250	312	402	410	426	426	420	3.5	2.84
Tobacco products	131	145	199	245	339	388	414	3.5	2.80
Other	253	349	418	470	542	580	622	5.2	4.21
License and privilege	604	690	765	868	981	1,089	1,203	10.1	8.15
Motor vehicles and operators	431	395	440	517	603	665	756	6.4	5.12
Other	263	295	325	351	387	424	447	3.8	3.03
Individual income	249	367	389	418	499	593	724	6.1	4.90
Corporation income	209	453	442	451	585	641	586	4.9	3.97
Property	271	276	263	261	279	276	311	2.6	2.10
Unemployment compensation	1,076	1,254	1,034	969	1,059	973	1,028	8.7	6.96
Other ²	200	253	270	308	343	412	417	3.5	2.82
Aid received from other governments	809	759	767	1,157	1,439	1,760	2,030	17.1	13.74
From Federal Government	786	738	743	1,125	1,399	1,705	1,960	16.5	13.27
Charges and miscellaneous	312	410	462	633	796	878	893	7.5	6.04
General expenditure, total	5,821	5,997	6,404	8,099	10,400	11,782	13,183	100.0	89.21
Provision for debt retirement	305	223	188	146	179	226	275	2.1	1.87
General expenditure less provision for debt retirement	5,516	5,775	6,216	7,953	10,221	11,557	12,907	97.9	87.38
Operation	1,914	2,263	2,579	3,318	4,351	4,972	5,467	41.4	36.94
General control	169	187	199	234	287	292	310	2.3	2.10
Public safety	123	131	144	171	200	224	242	1.8	1.04
Highways	260	308	359	424	491	547	567	4.3	3.84
Natural resources	123	144	166	207	244	290	315	2.4	2.13
Health	56	95	105	109	106	109	126	1.0	.85
Hospitals and institutions for handicapped	231	286	320	400	492	581	640	4.9	4.33
Public welfare	528	605	681	839	956	1,306	1,578	12.0	10.63
Correction	71	82	91	107	130	142	148	1.1	1.00
Schools	275	354	374	506	652	764	829	6.3	5.61
Bonus payments to veterans	81	60	47	159	616	505	457	3.5	3.09
Other and unallocable	81	60	92	163	207	221	246	1.9	1.66
Capital outlay	615	287	356	949	1,425	1,827	2,112	16.0	14.30
Highways	527	223	266	670	1,018	1,330	1,438	10.9	9.73
Schools	26	14	33	102	170	221	265	2.0	1.80
Other	62	30	57	177	238	276	409	3.1	2.77
Aid paid to local governments	1,761	1,838	2,044	2,649	3,167	3,544	4,011	30.4	27.16
Highways	338	285	329	415	451	503	576	4.4	3.90
Public welfare	389	349	374	495	646	642	773	5.9	5.23
Schools	766	842	921	1,129	1,490	1,728	1,982	15.0	13.42
Other and unspecified	257	363	420	511	549	612	680	5.2	4.00
Interest	110	80	70	63	71	76	88	.7	.59
Contributions to trust funds and enterprises	1,126	1,336	1,168	1,073	1,206	1,136	1,239	9.4	8.39
To unemployment compensation trust funds	1,076	1,254	1,034	969	1,059	973	1,028	7.8	6.96
Debt outstanding at end of fiscal year:									
Gross	3,267	2,526	2,867	2,956	3,632	4,090	5,268	100.0	35.66
General	3,023	2,303	2,154	2,721	3,343	3,622	4,696	89.1	31.79
Enterprise	244	223	213	236	290	468	572	10.9	3.87
Net long-term (general and enterprise)	2,669	1,910	1,734	2,263	2,867	3,238	4,232	80.3	28.65
Full faith and credit	2,172	1,573	1,431	1,947	2,487	2,773	3,438	65.3	23.28
Long-term debt issued during fiscal year (general and enterprise) ³	101	14	59	718	820	727	1,343	25.5	9.09
Long-term debt retired during fiscal year (general and enterprise) ³	290	219	231	186	172	234	271	5.2	1.84

¹ Based on estimated resident population on July 1, 1949.² Including death and gift, severance, poll, and others.³ Exclusive of refunding transactions.Source: Dept. of Commerce, Bur. of Census; annual report, *Compendium of State Govt. Finances in 1950*.

No. 422.—STATE TAX COLLECTIONS, BY TYPE OF TAX, BY STATES: 1951

[In thousands of dollars. Includes local shares of State-imposed taxes. Preliminary data]

STATE	Total ¹	SALES AND GROSS RECEIPTS					Motor vehicle and operators licenses	Individual income	Corporation not income ²	Property
		Total ¹	General sales or gross receipts	Motor vehicle fuels	Alcoholic beverages	Tobacco products				
Number of States using tax.....	48	48	29	48	48	40	48	31	33	45
Total.....	8,932,308	5,269,205	2,001,129	1,709,707	468,767	430,048	840,443	810,064	682,151	345,979
Alabama.....	116,921	79,080	32,972	33,207	1,401	7,629	7,752	12,903	903	7,403
Arizona.....	80,524	38,734	20,382	11,633	2,210	1,864	4,071	9,558	190	12,372
Arkansas.....	92,237	64,139	26,018	24,850	5,102	5,363	9,272	4,007	7,879	461
California.....	958,093	625,444	401,118	150,230	18,095	-----	54,136	75,516	98,428	67,157
Colorado.....	100,357	60,190	30,063	22,485	4,147	-----	5,967	12,397	6,535	6,970
Connecticut.....	123,931	81,631	33,312	20,354	6,208	7,854	11,555	-----	18,646	388
Delaware.....	28,129	8,121	4 10	4,269	1,018	1,067	1,879	9,087	-----	771
Florida.....	205,448	155,907	47,425	57,388	25,410	3,666	25,726	-----	-----	4,466
Georgia.....	152,579	97,351	48,110	53,903	17,100	13,067	5,975	14,806	21,781	7,467
Idaho.....	34,121	16,326	-----	10,062	849	1,663	2,080	6,393	3,500	2,146
Illinois.....	419,249	353,507	187,556	61,602	25,915	27,828	45,770	-----	-----	297
Indiana.....	238,803	189,045	112,440	43,908	13,754	12,980	24,196	-----	-----	11,747
Iowa.....	162,407	103,857	60,588	29,787	3,219	5,054	29,048	18,582	2,961	149
Kansas.....	123,057	82,863	42,968	29,952	4,772	4,977	14,737	10,224	3,644	6,557
Kentucky.....	122,911	71,911	-----	30,568	12,584	5,110	8,714	14,789	9,400	10,104
Louisiana.....	262,069	149,607	50,337	45,931	16,117	18,125	9,094	19,955	(?)	12,115
Maine.....	43,160	25,235	-----	13,326	2,101	5,164	6,763	-----	-----	5,902
Maryland.....	144,178	83,010	30,513	25,734	7,013	-----	14,794	20,808	12,283	4,236
Massachusetts.....	294,340	97,739	-----	28,079	23,375	26,509	11,246	65,798	26,309	127
Michigan.....	452,749	343,753	247,584	51,478	6,975	23,246	47,315	-----	-----	28,189
Minnesota.....	215,581	85,085	-----	36,834	15,654	11,191	25,706	42,898	19,154	11,484
Mississippi.....	101,105	72,541	28,441	29,256	3,540	6,636	4,049	4,222	8,841	1,230
Missouri.....	180,511	116,430	81,238	21,897	6,030	-----	20,666	26,588	(?)	6,404
Montana.....	33,967	10,721	-----	10,742	1,678	2,029	2,512	4,435	2,615	3,682
Nebraska.....	52,558	31,206	-----	23,064	2,834	3,898	2,421	-----	-----	15,975
Nevada.....	13,081	7,374	-----	4,210	680	784	1,844	-----	-----	2,210
New Hampshire.....	22,528	11,870	-----	5,375	1,039	2,676	4,432	2,648	-----	1,269
New Jersey.....	167,963	94,679	-----	36,853	18,100	18,410	43,912	-----	-----	2,985
New Mexico.....	59,250	41,635	20,023	15,912	1,674	2,428	6,011	2,056	1,303	3,525
New York.....	914,347	308,667	-----	97,175	62,827	68,486	81,845	247,692	107,280	1,936
North Carolina.....	255,607	141,432	50,004	64,575	9,511	-----	20,423	30,148	39,101	5,133
North Dakota.....	42,488	25,577	11,924	8,510	3,344	2,044	6,101	3,812	1,351	3,985
Ohio.....	418,657	327,249	160,574	82,382	32,535	18,951	48,884	-----	-----	17,395
Oklahoma.....	176,123	104,352	38,895	39,741	4,301	10,510	22,288	8,766	8,289	4 6
Oregon.....	109,718	33,500	-----	28,726	1,305	-----	16,769	35,946	14,538	21
Pennsylvania.....	498,106	238,226	-----	111,871	42,060	43,380	59,856	-----	91,495	1,790
Rhode Island.....	43,034	27,308	6,684	6,536	2,089	3,251	5,600	-----	7 6,678	-----
South Carolina.....	103,790	66,125	-----	32,068	15,309	8,007	5,381	12,016	13,552	1,512
South Dakota.....	41,961	34,594	18,387	7,838	2,671	1,716	2,308	-----	150	2,035
Tennessee.....	165,583	119,988	49,438	45,782	8,396	9,730	12,662	3,761	12,201	4 140
Texas.....	352,224	169,163	-----	87,279	15,296	20,347	30,721	-----	-----	30,423
Utah.....	49,928	28,322	16,401	8,480	783	897	2,869	5,992	2,485	7,113
Vermont.....	22,151	11,032	-----	5,098	2,758	1,787	4,119	3,542	1,800	350
Virginia.....	162,049	70,565	-----	46,978	7,684	-----	14,300	24,784	25,466	8,829
Washington.....	226,081	187,378	119,102	41,472	1,462	9,895	12,921	-----	-----	14,179
West Virginia.....	107,053	91,250	61,579	18,451	2,432	2,060	9,732	-----	-----	221
Wisconsin.....	233,460	66,329	-----	33,857	13,629	10,079	27,543	55,735	53,833	18,139
Wyoming.....	22,076	13,116	7,043	5,038	-----	575	2,588	-----	-----	4,023

¹ Includes amounts for types of taxes not shown separately.² Includes unincorporated businesses.³ Combined corporation and individual income taxes as reported by 4 States (Ala., La., Mo., and Ariz.) tabulated with individual income taxes. Amount shown as corporation tax for Ala. and Ariz. represents only taxes on financial institutions.⁴ Back taxes only; not counted with "number of States using tax."⁵ Includes related license taxes.⁶ Excludes amounts for corporation excise taxes and surtaxes measured in part by net income and in part by corporate excess.⁷ Includes corporate excess tax.Source: Department of Commerce, Bureau of the Census; annual report, *State Tax Collections in 1951*.

NO. 423.—DEBT OF STATE GOVERNMENTS OUTSTANDING AT END OF FISCAL YEAR, BY STATES: 1950 AND 1951

[In thousands of dollars, except per capita. Preliminary data. Data are for State fiscal years ending on June 30, except for 6 States with earlier closing dates (in same calendar year—May 31 for Pa., Mar. 31 for N. Y. and Wash.; in previous calendar year—Sept. 30 for Ala. and Wyo., Aug. 31 for Tex.). For 6 States having fiscal years ending prior to June 30, total debt as of June 30, 1951, was as follows: Ala. \$52,233, N. Y. \$930,567, Pa. \$958,524, Tex. \$83,478, Wash. \$224,573, and Wyo. \$3,434]

STATE	TOTAL DEBT		LONG-TERM DEBT			Short-term debt	Offsets to long-term debt	Net long-term debt	PER CAPITA DEBT 1951 ¹	
	1950	1951	Total	Full faith and credit	Non-guaranteed				Total	Net long-term
Total	5,284,390	6,290,230	6,041,499	4,700,946	1,340,553	248,731	1,012,335	5,029,164	\$41.96	\$32.55
Alabama.....	53,392	55,163	55,163	41,926	13,237	-----	18,678	36,485	18.02	11.02
Arizona.....	3,538	3,404	3,404	731	2,673	-----	385	3,019	4.54	4.03
Arkansas.....	132,785	130,462	130,462	127,498	8,964	-----	8,208	128,254	71.46	67.17
California.....	203,272	414,869	414,869	403,471	11,388	-----	211,427	203,432	39.19	19.22
Colorado.....	14,500	18,579	17,044	-----	17,044	1,585	819	16,225	14.02	12.21
Connecticut.....	153,509	228,786	91,386	91,386	-----	137,400	3,468	87,918	113.98	43.80
Delaware.....	78,588	85,498	83,498	37,820	45,678	2,000	-----	83,498	268.79	262.40
Florida.....	18,900	51,132	51,132	-----	51,132	-----	1,930	49,196	18.48	17.75
Georgia.....	2,829	20,232	20,232	39	20,193	-----	472	19,760	5.87	5.74
Idaho.....	893	1,146	1,146	4	1,142	-----	36	1,110	1.66	1.80
Illinois.....	426,344	405,630	405,630	390,388	15,248	-----	6,105	399,471	46.66	45.85
Indiana.....	14,946	19,003	19,003	-----	19,003	-----	4,261	14,742	4.83	3.75
Iowa.....	35,462	34,282	34,282	31,500	2,782	-----	-----	34,282	13.09	13.06
Kansas.....	5,506	6,500	6,500	4,250	2,250	-----	689	5,511	8.41	2.89
Kentucky.....	6,648	10,689	10,689	-----	10,689	-----	592	10,097	3.03	3.43
Louisiana.....	229,474	214,367	214,367	198,048	16,309	-----	18,387	195,970	79.88	73.03
Maine.....	29,730	28,437	28,437	7,337	21,100	-----	965	27,472	31.12	30.04
Maryland.....	101,836	108,157	165,157	72,898	92,259	-----	10,024	155,133	70.40	66.21
Massachusetts.....	242,596	319,456	318,916	287,920	30,990	540	8,257	310,659	68.11	66.23
Michigan.....	232,137	284,802	284,802	240,048	38,214	-----	5,280	279,582	44.71	43.88
Minnesota.....	140,285	129,038	129,038	127,290	1,748	-----	0,380	119,049	43.27	40.12
Mississippi.....	77,628	73,888	73,888	8,857	65,031	-----	9,205	64,633	33.91	29.90
Missouri.....	40,309	34,024	34,024	30,000	4,024	-----	0,487	24,537	8.00	6.20
Montana.....	25,068	24,311	24,311	6,580	17,728	-----	1,535	22,776	41.13	38.54
Nebraska.....	1,023	901	901	-----	901	-----	-----	901	.68	.03
Nevada.....	785	955	955	-----	955	-----	42	913	5.97	5.70
New Hampshire.....	22,472	28,441	22,441	21,313	1,131	3,000	3,390	19,051	47.71	35.73
New Jersey.....	98,812	241,420	241,420	90,426	145,000	-----	3,000	238,420	49.93	49.81
New Mexico.....	20,886	27,905	27,905	20,067	7,838	-----	3,212	24,693	40.97	36.25
New York.....	891,065	934,133	869,554	847,774	21,780	64,599	370,171	499,383	62.99	33.67
North Carolina.....	202,323	267,594	267,594	286,571	1,023	-----	55,221	229,373	70.80	56.47
North Dakota.....	43,571	39,354	39,354	38,154	1,200	-----	24,831	14,523	63.51	23.44
Ohio.....	190,419	176,894	176,894	175,642	1,252	-----	3,441	173,453	22.26	21.33
Oklahoma.....	96,273	128,808	128,808	47,207	81,601	-----	16,922	111,886	57.67	50.10
Oregon.....	30,710	42,330	42,330	35,301	7,029	-----	33,437	8,893	27.82	5.35
Pennsylvania.....	804,715	958,524	958,524	540,479	412,045	-----	102,787	855,767	91.31	81.52
Rhode Island.....	51,957	53,479	53,479	53,479	-----	-----	5,314	48,165	67.53	60.82
South Carolina.....	98,725	115,493	115,493	71,179	44,314	-----	8,739	106,754	54.55	50.43
South Dakota.....	37,154	28,158	28,158	27,822	336	-----	17,758	10,400	43.14	15.93
Tennessee.....	90,458	102,736	102,736	100,198	2,538	-----	3,038	99,703	31.21	30.29
Texas.....	52,289	81,490	81,490	44,597	36,893	-----	4,138	77,352	10.57	10.03
Utah.....	993	741	741	620	121	-----	658	83	1.08	.12
Vermont.....	6,291	5,644	5,644	5,644	-----	-----	-----	5,644	14.94	14.94
Virginia.....	36,045	38,388	38,388	12,384	26,004	-----	12,087	26,301	11.57	7.93
Washington.....	97,694	142,670	103,013	74,062	28,951	39,657	5,242	97,771	59.97	41.10
West Virginia.....	70,386	84,270	84,270	70,702	4,568	-----	5,940	78,324	42.02	39.05
Wisconsin.....	4,351	4,142	4,142	-----	4,142	-----	-----	4,142	1.21	1.21
Wyoming.....	2,934	3,833	3,833	770	3,063	-----	31	3,802	13.10	13.09

¹ Based on enumerated population as of Apr. 1, 1950.

Source: Department of Commerce, Bureau of the Census; annual report, *Governmental Debt in 1951*.

No. 424.—NUMBER OF STATE GOVERNMENT EMPLOYEES, BY FUNCTION AND BY STATES: APRIL 1951

[Includes both permanent and temporary employees. Numbers of part-time employees not reduced to full-time equivalent]

STATE	Total ¹	Police	Correc- tion	Public welfare	Schools ²	High- ways ³	Health	Hospitals and institutions for the handi- capped	Natu- ral re- sources	Em- ploy- ment secu- rity	All other ⁴
Total¹	1,042,100	18,000	34,500	37,300	318,000	169,500	26,100	181,200	73,200	43,000	141,700
Alabama	17,200	329	404	116	5,936	2,375	357	2,507	1,929	739	2,408
Arizona ⁵	6,300	103	115	232	2,541	1,353	247	481	488	285	446
Arkansas	11,800	130	86	527	4,150	2,219	439	2,387	1,085	448	349
California	75,700	1,961	2,650	544	26,228	7,377	1,163	10,269	5,351	4,358	15,446
Colorado	11,900	250	327	204	5,290	1,454	147	2,138	624	344	1,072
Connecticut	18,500	473	650	689	2,936	2,725	510	4,863	1,744	728	3,153
Delaware	5,000	160	88	133	1,786	827	180	818	389	106	503
Florida ⁶	24,400	340	350	982	7,218	4,424	1,348	2,790	3,216	862	2,909
Georgia	17,800	371	410	335	5,203	4,081	598	2,558	1,942	658	1,682
Idaho	6,200	149	145	191	2,333	1,184	208	565	690	212	577
Illinois ⁷	42,500	734	1,327	3,583	10,480	5,363	683	10,451	1,055	2,112	6,723
Indiana ⁸	25,800	526	836	236	10,191	3,584	521	4,812	1,207	978	2,879
Iowa	22,300	240	507	1,341	8,108	2,192	247	4,879	1,479	415	2,861
Kansas	15,600	124	452	380	6,441	2,622	252	2,471	875	351	1,659
Kentucky ⁹	17,300	325	480	637	3,945	5,290	524	1,996	2,213	577	1,293
Louisiana	31,100	363	274	3,488	6,265	5,496	1,126	6,912	2,606	569	3,965
Maine	8,400	193	226	302	1,539	2,228	195	1,176	926	265	1,365
Maryland	15,500	358	864	50	3,823	2,498	780	3,639	848	816	1,774
Massachusetts	28,500	467	1,734	1,099	2,598	4,417	630	9,961	1,189	1,971	4,471
Michigan ¹⁰	37,200	872	1,586	1,760	15,640	1,986	901	6,884	1,449	1,815	4,289
Minnesota ¹¹	24,600	(⁹)	745	398	9,497	63,794	332	5,594	1,736	751	2,458
Mississippi	13,500	255	184	769	3,798	2,035	264	1,908	2,349	434	1,541
Missouri	22,100	421	715	1,573	5,193	3,526	506	4,207	2,351	977	2,650
Montana	5,700	136	74	118	2,159	884	145	586	478	306	782
Nebraska	10,900	156	(⁹)	139	3,365	1,845	191	2,653	1,077	255	1,221
Nevada	1,900	32	49	69	420	633	50	64	218	137	230
New Hampshire ¹²	6,700	72	146	143	1,536	1,655	165	929	420	249	1,403
New Jersey	23,100	570	979	1,029	4,106	2,949	708	4,946	1,301	1,905	4,584
New Mexico	7,700	70	143	589	3,140	1,220	215	623	578	209	956
New York	83,300	785	5,258	2,035	7,776	9,660	1,370	28,292	4,818	5,485	17,823
North Carolina	69,900	535	1,683	97	46,691	11,804	355	3,577	2,210	745	2,224
North Dakota	4,800	46	145	104	1,565	750	120	724	446	150	752
Ohio	38,500	516	(¹⁰)	109	9,989	11,234	6,964	532	10,724	1,281	2,232
Oklahoma ¹¹	20,300	420	441	1,600	7,976	2,380	425	3,151	1,748	514	1,690
Oregon	17,100	363	343	751	4,901	2,783	231	1,693	2,024	518	3,492
Pennsylvania	65,400	1,921	(¹⁰)	10,707	8,868	15,452	3,287	(¹⁰)	3,226	3,349	12,587
Rhode Island ¹²	6,700	90	302	425	1,177	789	249	1,359	200	515	1,641
South Carolina	13,800	345	238	669	3,137	3,580	729	1,282	1,789	479	1,534
South Dakota ¹³	5,100	79	106	363	1,676	1,004	210	531	379	149	612
Tennessee	16,500	402	521	961	4,973	3,719	1,458	827	1,211	760	1,713
Texas	43,000	565	1,031	1,877	16,174	8,745	1,165	5,640	2,799	1,457	3,499
Utah	7,800	68	147	210	3,681	1,005	190	490	943	248	846
Vermont	3,900	149	167	120	1,172	696	128	425	227	136	721
Virginia	28,300	481	(¹²)	12,884	7,034	9,015	793	4,722	1,970	457	2,899
Washington	20,800	480	440	1,448	7,713	2,511	268	2,000	2,051	793	3,144
West Virginia	18,400	258	403	705	5,441	5,508	522	1,584	1,367	403	2,217
Wisconsin	20,300	16	724	833	9,570	756	382	2,611	2,017	680	2,702
Wyoming	3,000	(⁹)	92	133	1,023	661	70	269	384	130	205

¹ Including estimates for missing items.

² Includes data for Department of Education as well as State-operated schools, colleges and universities.

³ Includes data for regular highways, toll highways, and bridge facilities. Excludes waterways and other non-highway transportation.

⁴ Includes data for legislature, general administrative and financial agencies, courts, libraries, regulatory agencies, and all other agencies and activities not separately classified. Also includes waterways and other nonhighway transportation (3,400) and State liquor stores (13,000).

⁵ Nonschool data for a previous month.

⁶ Data for police included with highway.

⁷ Data for correction, other than parole boards, included with hospitals and institutions for the handicapped.

⁸ Data for correction included with hospitals and institutions for the handicapped.

⁹ Data for natural resources, except agricultural experiment stations and extension services, included in "All other."

¹⁰ Data for correction and hospitals and institutions for the handicapped included in public welfare.

¹¹ Nonschool employee data and nonschool payroll data (see table 425) from separate sources and therefore not strictly comparable.

¹² Data for correction included with public welfare.

Source: Department of Commerce, Bureau of the Census; annual report, *State Employment in 1951*.

No. 425.—MONTHLY PAY ROLLS OF STATE GOVERNMENTS, BY FUNCTION AND BY STATES: APRIL 1951

[In thousands of dollars. Includes pay rolls for both permanent and temporary employees]

STATE	Total ¹	Police	Correc- tion	Public welfare	Schools ²	High- ways ³	Health	Hospi- tals and insti- tutions for the handi- capped	Natural re- sources	Em- ploy- ment secu- rity	All other ⁴
Total ¹	228, 478	4, 754	8, 464	8, 310	62, 991	37, 212	6, 188	34, 610	15, 741	11, 972	38, 239
Alabama.....	3, 053	77	79	31	891	445	71	335	360	170	579
Arizona ⁵	1, 248	30	22	48	341	370	48	86	106	83	113
Arkansas.....	1, 861	29	13	89	609	378	76	287	177	113	91
California.....	22, 702	(⁶)	(⁶)	(⁶)	6, 048	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)
Colorado.....	2, 489	66	85	49	905	406	42	425	155	89	265
Connecticut.....	4, 390	131	160	167	685	703	148	1, 032	289	188	878
Delaware.....	1, 076	43	14	28	452	176	37	131	53	27	115
Florida ⁵	4, 837	78	57	195	1, 274	888	309	300	720	221	704
Georgia.....	3, 206	68	72	67	882	707	150	372	291	184	411
Idaho.....	1, 162	31	22	45	350	267	46	82	135	85	119
Illinois ⁴	9, 679	197	325	840	2, 231	1, 272	188	2, 057	277	527	1, 765
Indiana ⁵	5, 202	111	122	56	2, 080	798	134	698	299	229	675
Iowa.....	4, 498	57	93	230	1, 593	546	53	769	307	102	766
Kansas.....	2, 934	30	86	74	1, 142	585	62	376	177	86	368
Kentucky ⁵	3, 071	69	72	126	693	1, 060	106	262	240	140	302
Louisiana.....	5, 881	87	53	805	1, 162	1, 042	227	910	516	170	909
Maine.....	1, 543	42	41	64	228	364	46	174	215	64	306
Maryland.....	3, 199	67	178	15	750	594	164	605	179	190	367
Massachusetts.....	6, 680	135	436	264	503	1, 099	176	1, 988	298	491	1, 290
Michigan.....	9, 210	227	455	462	3, 269	627	261	1, 680	403	533	1, 292
Minnesota ⁵	5, 237	(⁷)	9	79	2, 031	1, 830	83	1, 088	357	174	585
Mississippi.....	2, 260	56	29	144	577	359	80	187	406	128	325
Missouri.....	3, 816	108	124	260	782	708	111	535	368	214	546
Montana.....	1, 224	28	12	21	364	316	40	75	96	61	213
Nebraska.....	1, 834	42	(⁸)	34	459	380	42	996	10	59	273
Nevada.....	475	8	11	15	87	170	14	10	54	37	63
New Hampshire ⁵	1, 035	16	24	25	270	205	28	114	62	45	194
New Jersey.....	5, 418	160	237	235	935	744	142	972	310	432	1, 252
New Mexico.....	1, 485	20	23	116	511	271	47	97	137	37	206
New York.....	24, 874	219	1, 866	610	2, 361	2, 711	414	7, 447	1, 231	1, 016	6, 409
North Carolina.....	15, 022	133	288	33	10, 465	2, 190	102	523	194	559	559
North Dakota.....	1, 049	12	24	24	359	168	29	117	117	37	162
Ohio.....	8, 073	144	(¹¹)	11, 833	2, 153	1, 689	138	1130	269	617	1, 295
Oklahoma ⁵	3, 500	94	77	289	1, 425	394	94	378	281	124	345
Oregon.....	4, 052	110	83	182	886	822	62	376	479	137	913
Pennsylvania.....	13, 668	507	(¹¹)	3, 317	1, 712	3, 188	588	(¹¹)	500	815	3, 032
Rhode Island ¹²	1, 499	24	59	125	273	148	62	310	45	105	343
South Carolina.....	2, 521	77	41	119	599	533	144	186	296	130	347
South Dakota ⁵	1, 049	19	18	53	305	290	34	64	85	30	152
Tennessee.....	3, 090	78	71	173	856	655	269	81	257	174	477
Texas.....	8, 647	144	152	370	2, 824	2, 343	271	740	536	415	852
Utah.....	1, 555	22	34	48	676	245	48	96	123	73	191
Vermont.....	706	33	32	23	203	129	28	61	40	30	119
Virginia.....	4, 991	119	(¹³)	18	1, 274	1, 378	155	748	402	105	921
Washington.....	5, 167	126	99	358	1, 742	749	65	400	587	228	813
West Virginia.....	3, 141	53	66	120	707	1, 099	120	210	223	89	494
Wisconsin.....	4, 381	4	195	199	1, 903	224	96	549	426	170	617
Wyoming.....	661	(⁷)	15	32	191	177	17	35	101	34	59

¹ Includes estimates for missing items.

² Includes data for Department of Education as well as State-operated schools, colleges and universities.

³ Includes data for regular highways, toll highways, and bridge facilities. Excludes waterways and other nonhighway transportation.

⁴ Includes data for legislature, general administrative and financial agencies, courts, libraries, regulatory agencies, and all other agencies and activities not separately classified. Also includes waterways and other nonhighway transportation and State liquor stores.

⁵ Nonschool data for a previous month.

⁶ No report.

⁷ Data for police included with highways.

⁸ Data for correction, other than parole boards, included with hospitals and institutions for the handicapped.

⁹ Data for correction included with hospitals and institutions for the handicapped.

¹⁰ Data for natural resources, except agriculture experiment stations and extension services, included in "All other".

¹¹ Data for correction and hospitals and institutions for the handicapped included in public welfare.

¹² Nonschool employee data (see table 424) and nonschool payroll data from separate sources, and therefore not strictly comparable.

¹³ Data for correction included with public welfare.

Source: Department of Commerce, Bureau of the Census; annual report, *State Employment in 1951*.

No. 426.—FINANCIAL TRANSACTIONS OF STATE-ADMINISTERED PUBLIC-EMPLOYEE
RETIREMENT SYSTEMS, BY STATES: 1950

[In thousands of dollars. Investment transactions are excluded]

STATE	RECEIPTS					PAYMENTS			
	Total	Em- ployee contri- butions	Government con- tributions		Earn- ings on invest- ments	Total	Bene- fits ¹	With- drawals ¹	Other
			State	Local					
Total	608,887	260,494	180,303	97,848	70,242	165,993	109,731	46,307	9,955
Alabama.....	6,445	2,456	3,360	173	456	687	200	414	73
Arizona.....	2,090	1,077	217	696	100	347	181	141	25
Arkansas.....	2,437	1,090	1,107	-----	240	827	593	197	37
California.....	70,591	36,272	25,765	11,072	6,482	21,328	15,470	5,338	520
Colorado.....	3,220	1,554	1,010	477	179	538	238	269	41
Connecticut.....	9,574	4,648	3,049	685	1,192	3,093	2,417	668	8
Delaware.....	95	8	87	-----	-----	48	48	-----	-----
Florida.....	10,610	7,322	2,356	514	418	2,725	1,764	782	179
Georgia.....	6,844	2,624	3,335	493	392	993	488	391	114
Idaho.....	2,174	1,046	564	522	42	419	185	218	16
Illinois.....	16,724	8,490	6,941	30	1,263	8,735	6,286	1,906	544
Indiana.....	13,300	5,167	5,322	1,185	1,626	4,773	4,108	510	155
Iowa.....	5,650	2,808	65	2,738	48	974	877	40	57
Kansas.....	1,389	1,262	-----	-----	127	575	201	315	59
Kentucky.....	3,090	1,183	1,478	-----	429	567	332	192	43
Louisiana.....	14,243	4,870	3,310	5,052	1,002	1,882	1,197	629	50
Maine.....	3,353	1,332	1,534	245	242	1,253	1,197	-----	56
Maryland.....	7,426	2,784	3,718	258	666	1,598	910	435	253
Massachusetts.....	11,299	8,455	342	9	2,493	4,032	2,315	1,156	661
Michigan.....	22,666	9,930	10,338	1,134	1,264	6,715	4,353	1,807	555
Minnesota.....	7,919	5,708	1,471	4	676	2,524	1,177	1,252	95
Mississippi.....	1,185	962	102	14	107	471	299	133	30
Missouri.....	3,029	1,431	47	1,384	167	533	215	195	123
Montana.....	3,827	1,970	373	764	220	1,197	629	453	85
Nebraska.....	2,081	1,083	865	62	71	388	128	213	47
Nevada.....	1,117	459	629	-----	29	276	126	89	61
New Hampshire.....	2,340	940	622	597	181	507	340	136	31
New Jersey.....	32,788	12,153	9,991	3,938	6,706	11,930	7,523	2,313	2,094
New Mexico.....	1,400	247	1,092	46	15	630	532	57	41
New York.....	107,042	40,618	17,178	33,434	15,812	27,683	18,651	7,927	1,105
North Carolina.....	19,743	7,456	9,797	767	1,723	2,127	998	1,008	121
North Dakota.....	1,330	625	71	540	88	283	211	48	24
Ohio.....	44,113	17,513	3,506	17,143	5,951	15,687	10,473	4,514	700
Oklahoma.....	3,675	2,399	1,052	-----	224	534	187	286	61
Oregon.....	10,576	4,799	2,140	3,105	532	1,717	864	736	117
Pennsylvania.....	53,176	18,607	18,455	5,507	10,607	17,170	10,693	5,637	840
Rhode Island.....	2,627	1,245	897	330	155	683	477	133	73
South Carolina.....	7,961	2,685	4,097	782	397	1,525	1,051	282	192
South Dakota.....	450	208	217	-----	25	29	11	12	6
Tennessee.....	6,533	3,537	2,714	-----	282	1,278	876	298	104
Texas.....	21,906	9,801	10,249	-----	1,856	3,505	1,837	1,639	129
Utah.....	3,276	1,965	1,033	-----	278	1,067	569	475	23
Vermont.....	1,499	616	797	-----	86	240	172	67	11
Virginia.....	8,822	3,466	4,530	21	805	1,864	1,053	778	33
Washington.....	12,202	5,247	5,174	1,152	620	4,448	3,423	858	167
West Virginia.....	6,153	2,566	3,053	-----	539	1,463	1,079	239	145
Wisconsin.....	19,908	7,467	6,196	2,830	3,415	4,024	2,692	1,206	126
Wyoming.....	475	274	57	139	5	101	86	6	10

¹ Amounts for withdrawals shown separately when available; otherwise included with benefit payments.

Source: Department of Commerce, Bureau of the Census; annual report, *Compendium of State Government Finances in 1950*.

No. 427.—SUMMARY OF FINANCES OF STATE-ADMINISTERED PUBLIC-EMPLOYEE RETIREMENT SYSTEMS: 1944 TO 1950

[In thousands of dollars]

ITEM	RECEIPTS					PAYMENTS				Assets, end of fiscal year
	Total	Em- ployee contri- butions	Government contributions		Earn- ings on invest- ments	Total	Bene- fits ¹	With- draw- als ¹	Other	
			State	Local						
1944.....	195,234	76,367	50,243	26,354	42,280	70,178	48,662	18,857	1,752	1,241,772
1945.....	220,095	89,370	63,658	21,945	45,122	75,282	52,464	20,062	1,856	1,300,249
1946.....	265,718	110,131	71,833	36,469	47,285	90,595	60,034	27,976	2,585	1,607,224
1947.....	317,051	144,808	86,105	38,238	47,900	105,290	70,560	31,579	3,151	1,789,848
1948.....	423,614	182,318	127,099	60,918	53,279	121,360	83,492	33,836	4,032	2,092,571
1949.....	500,975	221,943	142,602	74,335	62,095	141,501	95,017	39,614	6,870	2,436,930
1950.....	608,887	260,494	180,303	97,848	70,242	165,993	109,731	46,307	9,955	2,870,583
General(Stateandlocal) Educational:	277,892	129,534	66,768	56,406	25,184	59,967	32,463	23,716	3,788	(²)
Teachers.....	270,162	107,076	85,600	37,067	40,419	90,512	65,972	19,414	5,126	(²)
School-nonteachers.....	4,832	1,664	340	2,332	496	1,830	1,274	352	204	(²)
School employees ⁴	14,672	7,387	6,555	-----	730	4,960	3,274	1,331	355	(²)
University and col- lege.....	5,642	1,750	3,252	-----	640	1,785	1,537	192	56	(³)
General and teachers.....	28,415	10,585	14,982	659	2,189	4,248	2,787	1,140	321	(³)
Police.....	4,604	1,832	1,210	1,294	328	1,132	905	143	84	(³)
Firemen.....	441	98	244	60	39	182	179	-----	3	(³)
Judicial.....	618	274	278	30	36	325	310	14	1	(³)
Other.....	1,549	294	1,074	-----	181	1,052	1,030	5	17	(³)

¹ Amounts for withdrawals shown separately when available; otherwise included with benefit payments.² Includes \$907,000 not distributed according to object of payment.³ Not available.⁴ Teachers and nonteachers not reported separately.

No. 428.—STATE UNEMPLOYMENT-COMPENSATION FUND FINANCES: 1945 TO 1950

[In thousands of dollars]

ITEM	1945	1946	1947	1948	1949	1950
Total receipts.....	1,364,172	1,161,817	1,098,787	1,202,947	1,129,567	1,170,412
Contributions from general funds (un- employment compensation tax).....	1,253,781	1,033,591	960,227	1,059,413	972,929	1,028,033
Interest.....	110,391	128,226	129,560	143,534	156,638	148,379
Benefit payments.....	70,732	964,661	880,360	755,646	1,114,739	1,844,663
Assets, end of fiscal year.....	6,467,321	6,664,593	6,885,449	7,292,921	7,166,900	6,595,621

Source of tables 427 and 428: Department of Commerce, Bureau of the Census; annual reports, *Compendium of State Government Finances*.

No. 429.—INCOME AND EXPENSE STATEMENT OF THE 16 STATE-OPERATED ALCOHOLIC-BEVERAGE MONOPOLY SYSTEMS, BY STATES: 1951

[In thousands of dollars]

STATE	Net sales of goods	Cost of goods sold	Gross profit on sales	Operating expense	Net operating revenue	Other income	Other expense	Net income
Total.....	891,015	668,505	224,510	47,797	176,743	605	16	177,332
Alabama.....	39,716	27,122	12,594	1,902	10,692	37	-----	10,729
Idaho.....	11,256	7,752	3,504	612	2,892	10	-----	2,902
Iowa.....	40,607	28,892	11,715	2,561	9,154	55	-----	9,209
Maine.....	18,482	13,033	5,449	1,115	4,334	17	-----	4,351
Michigan.....	143,221	107,924	35,297	3,579	31,718	113	-----	31,831
Montana.....	16,322	12,020	4,302	1,210	3,092	21	-----	3,113
New Hampshire.....	16,417	12,111	4,306	812	3,494	5	-----	3,499
Ohio.....	146,669	123,549	23,120	5,689	17,431	66	-----	17,497
Oregon.....	38,419	26,941	11,478	2,044	9,434	4	-----	9,438
Pennsylvania.....	204,711	148,847	55,864	15,960	39,904	191	-----	40,095
Utah.....	12,472	7,948	4,524	794	3,730	-----	-----	3,730
Vermont.....	6,121	5,666	455	290	165	1	-----	166
Virginia.....	89,531	68,989	20,542	4,640	16,302	-----	-----	16,302
Washington.....	58,889	40,127	18,762	3,019	15,743	4	16	15,731
West Virginia.....	40,729	29,402	11,327	3,337	7,990	81	-----	8,071
Wyoming.....	7,053	6,182	871	203	668	-----	-----	668

Source: Department of Commerce, Bureau of the Census; annual report, *Compendium of State Government Finances in 1951*.

No. 430.—SUMMARY OF CITY GOVERNMENT FINANCES: 1942 TO 1950

[Amounts in millions of dollars. Cities having more than 25,000 inhabitants]

ITEM	397 CITIES (1940 POPULATION)					474 CITIES (1950 POPULATION)			
	1942	1945	1947	1948	1949	1949	1950	Percent change 1949 to 1950	Per capita 1950
General revenue and borrowings, total	(1)	2,821	3,630	4,205	4,509	4,610	4,994	8.3	\$81.11
General borrowings	(1)	106	324	452	472	489	578	18.4	9.39
General revenue, total	2,598	2,714	3,306	3,753	4,037	4,121	4,416	7.1	71.71
Taxes, total	1,938	1,971	2,307	2,622	2,793	2,846	3,027	6.4	49.16
Property	1,685	1,712	1,866	2,058	2,154	2,194	2,324	5.9	37.74
Sales and gross receipts	122	128	263	346	397	397	415	4.6	6.74
Licenses and other	131	131	178	218	240	255	289	13.1	4.69
Aid received from other governments	448	485	642	740	817	830	908	9.4	14.75
From State governments only	419	460	607	693	764	775	850	9.7	13.81
Charges and miscellaneous	213	258	357	392	426	445	481	7.9	7.81
General expenditure, total	2,677	2,685	3,494	4,052	4,507	4,605	4,929	7.0	80.04
Provision for debt retirement	293	293	253	289	275	283	304	7.2	4.93
General expenditure less provision for debt retirement	2,383	2,392	3,241	3,764	4,232	4,322	4,625	7.0	75.11
Operation ²	1,806	1,902	2,528	2,864	3,090	3,160	3,366	6.5	54.06
General control	158	171	212	229	250	256	270	5.3	4.39
Public safety	454	481	614	681	747	766	809	5.7	13.14
Highways	135	164	186	220	228	238	243	2.3	3.95
Sanitation	134	162	209	232	258	265	281	5.8	4.50
Health and hospitals	142	167	221	259	289	291	312	7.8	5.06
Public welfare	204	183	272	321	377	379	429	13.0	6.96
Schools	448	457	562	634	642	648	688	6.2	11.18
Capital outlay	168	91	318	467	674	697	782	12.1	12.70
Highways only	59	34	122	154	205	208	226	8.8	3.67
Aid paid to other governments	1	5	12	25	29	29	22	-23.0	.36
Interest	170	137	122	119	123	125	128	2.5	2.09
Contributions to trust funds and enterprises	159	107	261	299	308	310	327	5.4	5.30
Debt at end of fiscal year:									
Gross	8,155	7,326	7,252	7,521	7,802	8,046	8,026	7.2	140.08
General	4,599	3,780	3,722	3,804	4,124	4,223	4,511	6.8	73.26
Enterprise	3,556	3,546	3,530	3,657	3,768	3,823	4,115	7.0	66.82
Net long-term, total	6,823	5,978	5,830	6,041	6,338	6,483	6,987	7.8	113.47
Total interest payments (general and enterprise)	293	264	244	241	245	(1)	255	(1)	4.13
Enterprise operations:									
Operating revenue	611	732	812	868	984	(1)	1,039	(1)	16.87
Operating expense (excl. depreciation)	332	417	540	616	674	(1)	699	(1)	11.36

¹ Not available.² Includes amounts for functions not shown separately.³ For cities having more than 100,000 inhabitants in 1940; data are not available for smaller cities.

No. 431.—SELECTED ITEMS OF CITY ENTERPRISE FINANCES, BY TYPE OF ENTERPRISE: 1950

[Amounts in thousands of dollars. For enterprises owned and operated by cities having more than 25,000 inhabitants in 1950]

ITEM	All city-operated enterprises	Water-supply systems	Electric light and power systems	Transit systems	Gas-supply systems	Port facilities	Airports	Other city-operated enterprises
Number of enterprises ¹	688	379	72	16	22	31	142	26
Operating revenue	1,038,913	418,282	223,506	309,291	31,155	23,519	13,981	19,179
Operating expense ²	699,321	210,688	125,355	300,473	10,133	12,743	13,959	16,970
Non-operating revenue	11,250	4,677	2,006	870	268	1,908	1,391	139
Non-operating expense	122,420	54,424	9,641	43,759	465	9,313	2,628	2,200
Net contributions from city governments	102,281	7,013	5	68,704	33	7,079	14,084	5,363
Net contributions to city governments	72,282	40,481	17,490	280	5,673	5,729	847	2,282
Debt service	237,426	109,191	19,705	76,360	1,244	14,585	12,296	4,045
Interest	118,421	51,781	8,841	43,742	399	9,054	2,440	2,155
Provision for debt retirement	119,005	57,410	10,864	32,618	845	5,531	9,847	1,890
Gross debt at end of fiscal year	3,874,079	1,720,463	368,873	1,338,994	13,433	233,672	130,309	68,345

¹ Represents number of cities owning and operating type of enterprise specified, even if city owns and operates more than one of same type.² Excludes depreciation, hence cannot be used to determine net operating revenue.Source of tables 430 and 431: Department of Commerce, Bureau of the Census; annual report, *Compendium of City Government Finances in 1950*.

No. 432.—REVENUE AND EXPENDITURE OF

[In thousands of dollars.]

	POPULATION GROUP AND CITY	Total general revenue and borrow- ings	Gen- eral bor- row- ings ¹	GENERAL REVENUE					GENERAL EXPENDITURE		
				Total	Prop- erty taxes	Other local taxes	Aid re- ceived from other govern- ments	Charges and miscel- laneous	Total ²	Provi- sion for debt retire- ment	Total less provi- sion for debt retire- ment
1	Total.....	4,994,299	578,343	4,415,956	2,323,795	703,457	907,968	480,736	4,328,905	303,694	4,625,211
2	Over 1,000,000, total.....	1,840,898	195,563	1,645,335	786,598	347,271	391,157	120,309	1,877,799	86,708	1,791,091
3	New York.....	1,251,971	138,508	1,113,463	526,719	239,287	301,532	45,945	1,247,566	50,266	1,197,300
4	Chicago.....	174,026	14,594	160,032	77,816	40,140	30,861	11,210	104,470	13,266	181,214
5	Philadelphia.....	145,363	25,675	119,718	52,709	44,067	0,180	16,159	147,228	7,013	140,215
6	Los Angeles.....	111,226	4,100	107,126	40,061	20,845	25,507	20,713	131,744	3,178	128,566
7	Detroit.....	157,682	12,686	144,996	89,297	2,346	27,071	26,282	166,791	12,995	143,796
8	500,000 to 1,000, 000, total.....	905,240	85,384	819,856	453,749	119,834	171,277	74,996	896,445	63,239	833,206
9	Baltimore.....	103,277	598	102,679	53,328	8,041	34,043	7,267	118,173	4,784	113,389
10	Cleveland.....	67,595	11,760	55,835	31,556	1,618	12,414	10,248	62,790	8,690	53,800
11	St. Louis.....	48,069	—	48,069	23,095	10,097	1,269	5,178	46,865	4,473	42,392
12	Washington, D. C.....	123,511	—	123,511	44,942	55,968	17,151	5,450	121,151	170	120,975
13	Boston.....	142,055	9,000	133,055	98,161	3,195	31,027	0,272	144,743	0,128	135,615
14	San Francisco.....	104,467	20,355	84,112	46,835	0,855	24,295	6,147	90,070	4,568	85,502
15	Pittsburgh.....	65,330	5,520	20,810	20,948	4,774	1,810	2,260	34,336	4,621	20,715
16	Milwaukee.....	65,441	4,450	58,991	35,871	3,035	15,206	4,820	62,317	901	61,326
17	Houston.....	33,517	12,000	21,517	16,416	1,861	199	3,041	33,413	3,785	29,675
18	Buffalo.....	53,281	2,931	50,350	30,066	1,797	10,286	2,201	52,420	7,398	45,022
19	New Orleans.....	37,099	9,000	28,099	9,341	0,814	5,724	3,220	35,778	1,918	33,860
20	Minneapolis.....	64,031	6,693	47,038	33,336	1,951	0,801	6,850	53,923	8,513	45,410
21	Cincinnati.....	37,707	3,077	34,630	14,855	1,798	5,013	13,024	40,460	3,941	36,523
22	250,000 to 500,000, total.....	508,660	52,976	455,684	236,471	73,208	76,811	69,194	503,603	36,923	466,680
23	Seattle.....	26,015	2,314	24,001	8,695	5,259	5,021	5,626	31,281	4,132	27,149
24	Kansas City, Mo.....	22,493	4,638	17,855	8,923	6,494	472	1,969	19,044	1,100	17,944
25	Newark.....	54,165	2,940	51,213	38,932	7,589	3,484	1,211	53,001	4,262	49,339
26	Dallas.....	33,071	13,080	19,991	11,135	2,719	138	5,990	25,165	2,531	22,634
27	Indianapolis.....	15,180	470	14,701	10,525	312	2,536	1,328	14,263	508	13,655
28	Denver.....	41,401	1,488	39,915	13,095	6,307	16,087	4,426	42,768	1,349	41,419
29	San Antonio.....	15,045	3,890	11,155	8,175	758	32	2,190	13,590	1,637	11,953
30	Memphis.....	29,399	4,175	19,224	7,554	2,261	5,795	3,614	23,712	1,236	22,476
31	Oakland.....	19,140	—	19,140	9,873	3,360	4,079	1,828	19,533	315	19,218
32	Columbus.....	15,506	2,814	12,692	3,808	3,818	2,700	2,407	15,472	1,552	13,920
33	Portland, Oreg.....	16,374	130	16,457	9,024	3,363	1,388	2,682	20,089	1,297	19,692
34	Louisville.....	32,374	4,270	28,104	14,646	6,552	1,994	4,912	28,949	917	28,032
35	Rochester.....	30,026	1,675	34,351	19,890	1,021	9,668	3,772	36,053	4,042	32,011
36	Atlanta.....	23,370	1,220	22,150	8,203	3,513	3,504	6,930	25,288	1,535	23,753
37	Birmingham.....	13,486	2,073	11,413	3,231	3,354	3,005	1,823	13,036	1,473	12,463
38	San Diego.....	15,623	—	15,623	6,008	3,238	4,037	2,340	15,720	242	15,478
39	St. Paul.....	22,980	681	22,299	13,299	1,739	4,259	3,062	23,336	1,495	21,841
40	Toledo.....	17,939	799	17,140	2,497	7,587	3,720	3,336	17,221	2,008	15,213
41	Jersey City.....	37,764	3,360	34,404	26,963	2,551	1,684	3,206	36,618	2,844	33,774
42	Fort Worth.....	12,265	2,767	9,498	6,131	945	13	2,409	11,682	1,010	10,672
43	Akron.....	13,031	176	13,455	5,764	468	3,066	4,127	15,302	1,348	14,044
44	100,000 to 250,000, total.....	684,494	103,291	581,203	330,046	64,012	105,242	81,903	640,452	47,105	593,257
45	50,000 to 100,000, total.....	544,324	64,225	480,099	280,824	52,078	85,192	62,005	580,145	37,447	492,698
46	25,000 to 50,000, total.....	510,683	76,904	433,779	236,107	47,054	78,289	72,329	480,461	32,182	448,279

¹ For general-government purposes only. Consists of long-term debt incurred during fiscal year other than by funding or refunding, plus any excess of issuance over redemption (i. e., excluding funding) of short-term debt.

² Includes amounts for aid paid to other governments and for contributions to trust funds and to enterprises, not shown separately.

CITIES HAVING MORE THAN 25,000 INHABITANTS: 1950

See also table 430]

GENERAL EXPENDITURE—continued											ENTERPRISES		
Operation									Inter- est	Capit- al outlay	Operat- ing revenue	Operat- ing ex- pense (before depre- ciation)	
Total ¹	Gen- eral control	Police	Fire	High- ways	Sani- tation	Health and hospitals	Public welfare	Schools					
3,366,091	270,087	440,341	328,956	243,319	280,670	311,562	428,516	688,441	128,445	781,734	1,038,913	699,321	1
1,236,355	100,520	169,421	93,095	59,217	98,598	132,478	239,996	234,013	55,820	290,549	424,725	329,379	2
861,510	59,679	82,008	48,283	28,630	56,586	97,292	198,529	233,087	34,406	143,384	264,570	222,469	3
121,563	12,193	28,154	13,094	11,863	13,474	9,338	22,354	-----	3,331	36,042	10,549	13,788	4
87,086	14,082	18,585	11,792	6,180	8,584	9,174	5,066	26	9,713	33,541	10,104	7,176	5
71,328	6,510	21,629	12,118	7,053	6,027	4,150	58	-----	2,155	46,143	75,295	41,037	6
94,868	8,056	19,045	7,808	5,501	13,927	12,524	13,989	-----	6,215	31,439	55,207	44,909	7
611,750	49,218	79,402	55,432	37,200	50,799	73,674	67,403	123,473	18,773	145,002	133,488	96,880	8
78,642	4,768	7,372	5,353	6,242	5,775	5,862	11,209	24,435	3,769	23,310	8,454	3,707	9
39,800	2,768	8,094	4,541	4,239	5,788	5,862	3,869	-----	1,945	9,417	40,168	32,158	10
37,102	4,106	8,284	4,031	1,851	2,389	9,189	1,208	-----	769	2,516	6,771	4,026	11
90,148	6,709	9,712	4,258	3,009	4,942	18,940	6,367	22,608	-----	20,927	4,944	3,827	12
115,642	7,483	10,634	8,609	3,573	6,328	12,623	30,729	22,726	3,511	10,500	6,623	3,906	13
54,507	7,069	7,742	7,355	2,276	2,067	7,546	11,965	-----	1,249	19,173	37,121	28,869	14
23,744	2,651	6,353	3,740	2,078	4,388	1,870	32	-----	1,076	4,174	4,007	3,099	15
44,167	2,859	5,948	3,866	3,780	5,912	1,511	3	16,013	108	11,803	4,347	2,664	16
14,364	1,370	2,672	2,303	1,726	2,208	2,120	303	-----	1,444	13,045	4,227	2,020	17
36,050	2,459	4,723	3,444	2,402	3,591	63	10	16,720	894	4,528	3,015	1,744	18
19,367	3,554	3,001	2,829	1,992	3,475	627	270	357	1,482	10,419	6,572	5,069	19
34,148	1,715	2,565	2,292	1,902	1,810	3,360	1,408	15,333	1,105	6,657	3,441	2,010	20
23,409	1,716	3,302	2,751	2,160	2,117	4,203	-----	5,191	1,361	8,533	3,798	3,181	21
341,754	25,610	46,679	40,121	28,462	31,595	32,340	26,847	70,016	13,116	86,639	126,341	70,425	22
14,905	1,787	2,958	2,997	1,452	1,878	1,031	-----	-----	895	0,407	27,452	18,491	23
14,808	1,793	2,550	1,755	2,051	1,093	2,954	40	-----	711	1,870	3,533	2,112	24
43,048	2,898	5,295	3,329	1,112	3,780	4,136	3,960	15,610	1,196	2,640	3,378	2,144	25
12,006	996	2,217	2,177	1,448	2,071	1,239	218	-----	969	8,448	6,775	2,350	26
10,637	447	2,581	2,780	1,139	528	2,631	-----	-----	125	1,595	119	103	27
32,943	3,320	2,563	1,944	2,063	1,613	2,630	15,923	-----	369	6,893	4,906	1,835	28
6,758	645	967	1,311	1,030	1,071	557	-----	-----	653	4,127	17,874	7,239	29
15,625	589	1,317	1,429	1,012	1,984	2,285	50	5,215	661	5,558	25,414	17,115	30
13,372	1,198	3,302	2,759	1,625	814	654	4	3	194	4,165	2,002	1,641	31
8,870	1,054	1,710	1,580	1,106	1,081	362	5	-----	544	3,411	3,570	2,987	32
10,949	983	2,877	2,633	1,864	818	949	1	-----	360	6,533	3,352	2,017	33
21,125	835	1,850	1,310	1,135	1,237	42	945	11,921	1,677	3,099	3,099	1,603	34
27,918	1,590	1,875	2,023	2,768	3,056	2,733	1,553	9,205	547	1,634	2,130	1,965	35
16,352	873	1,798	1,562	1,177	1,495	689	23	7,127	435	6,333	4,906	1,459	36
6,226	576	1,253	1,364	836	769	30	-----	-----	630	4,537	452	163	37
10,240	1,118	2,024	1,497	955	1,227	354	26	3	69	3,898	5,731	2,229	38
18,449	966	1,605	1,627	1,467	858	974	1,611	7,460	680	1,817	1,811	1,119	39
11,316	1,023	1,708	1,659	1,031	1,729	882	793	1,376	286	2,699	2,321	1,718	40
29,321	1,643	3,742	2,264	699	1,475	6,540	996	9,986	999	1,896	2,603	1,204	41
6,891	458	1,317	1,323	912	1,272	460	87	-----	745	2,609	3,016	963	42
9,786	818	1,101	798	2,080	1,146	499	706	2,110	362	3,270	1,924	1,077	43
450,817	35,151	55,724	54,014	38,423	37,599	30,050	38,981	101,008	16,640	98,439	143,696	78,011	44
383,764	20,676	47,418	46,000	38,900	31,802	27,095	31,214	83,040	12,842	80,018	102,476	61,993	45
341,651	20,912	41,697	40,294	41,117	30,277	15,925	24,075	76,891	11,254	81,087	108,188	62,633	46

¹ Includes amounts for other public safety, correction, libraries, recreation, and miscellaneous and unallocable, not shown separately.Source: Department of Commerce, Bureau of the Census; annual report, *Compendium of City Government Finances in 1950*.

No. 433.—GENERAL AND ENTERPRISE DEBT OUTSTANDING AT END OF FISCAL YEAR, OF CITIES HAVING MORE THAN 25,000 INHABITANTS: 1950

[In thousands of dollars. See also table 430]

POPULATION GROUP AND CITY	TOTAL			GENERAL			ENTERPRISE		
	Gross debt	Net long-term		Gross debt	Net long-term		Gross debt	Net long-term	
		Total	Full faith and credit		Total	Full faith and credit		Total	Full faith and credit
Total.....	8,625,921	6,987,444	6,180,304	4,511,136	3,667,200	3,523,080	4,114,785	3,320,244	2,657,224
Over 1,000,000, total.....	4,553,639	3,462,513	3,195,808	1,812,101	1,309,563	1,290,353	2,741,538	2,092,950	1,905,455
New York.....	8,234,537	2,273,276	2,273,276	1,097,557	707,651	707,651	2,136,980	1,565,625	1,565,625
Chicago.....	234,588	160,892	97,124	172,984	102,147	86,983	61,604	58,746	10,141
Philadelphia.....	489,127	424,032	424,032	271,315	234,461	234,461	217,812	189,571	189,571
Los Angeles.....	286,981	280,892	139,802	73,803	70,633	68,434	213,178	210,250	71,368
Detroit.....	308,406	263,421	261,574	196,442	194,671	102,824	111,964	68,750	68,750
500,000 to 1,000,000, total.....	1,087,220	905,405	829,148	689,459	563,531	559,058	397,761	341,874	270,090
Baltimore.....	203,547	160,205	160,205	117,682	83,084	83,084	85,865	77,121	77,121
Cleveland.....	115,850	105,355	69,252	68,283	60,340	60,340	47,667	46,015	8,912
St. Louis.....	32,865	31,768	31,477	23,707	22,671	22,671	9,168	9,097	8,800
Washington, D. C.....	155,377	74,538	74,533	123,626	60,786	60,786	31,751	13,752	13,752
Boston.....	169,369	167,328	167,274	55,982	55,974	55,920	113,387	111,354	111,354
San Francisco.....	47,878	47,426	47,426	46,254	45,806	45,806	1,624	1,620	1,620
Pittsburgh.....	10,271	9,053	5,943	9,646	8,553	5,943	625	500	500
Minneapolis.....	112,418	106,850	71,960	66,627	62,740	62,740	45,701	44,110	9,220
Houston.....	42,698	34,846	34,846	29,157	28,129	28,129	13,541	6,717	6,717
Buffalo.....	53,804	51,615	49,806	44,930	42,963	41,154	8,874	8,652	8,652
New Orleans.....	63,891	60,154	60,154	54,928	51,191	51,191	8,963	8,963	8,963
Memphis.....	79,252	56,267	56,267	48,637	41,294	41,294	30,615	14,973	14,973
Cincinnati.....									
250,000 to 500,000, total.....	771,239	684,752	553,977	467,851	408,828	393,206	303,388	275,924	160,771
Seattle.....	108,601	100,815	30,003	37,467	34,561	30,003	71,134	66,254	66,254
Kansas City, Mo.....	39,256	38,525	35,681	25,858	25,205	24,769	13,398	13,230	10,612
Newark.....	58,487	51,253	51,253	30,707	26,506	25,500	27,780	24,747	24,747
Dallas.....	78,228	74,704	69,061	47,982	45,724	43,015	30,240	28,980	26,040
Indianapolis.....	6,243	5,759	4,933	5,428	5,020	4,203	815	730	730
Denver.....	44,552	44,372	44,225	15,670	15,481	15,477	28,932	28,801	28,745
San Antonio.....	53,944	48,347	20,559	21,183	19,288	19,116	32,761	29,059	1,443
Memphis.....	30,898	27,977	27,977	24,864	22,217	22,217	6,034	5,760	5,760
Oakland.....	18,117	17,799	17,799	14,178	14,095	14,095	3,939	3,704	3,704
Columbus.....	23,249	19,712	19,712	19,833	16,330	16,330	3,416	3,382	3,382
Portland, Oreg.....	23,801	18,294	18,294	15,624	11,501	11,501	8,177	6,793	6,793
Louisville.....	49,922	34,976	33,545	49,909	34,976	33,545	13		
Rochester.....	24,809	17,275	17,275	20,914	14,559	14,559	8,895	2,716	2,716
Atlanta.....	28,257	27,213	21,017	20,201	19,516	18,068	8,050	7,702	2,049
Birmingham.....	22,444	20,285	20,285	19,214	18,073	18,073	3,230	2,212	2,212
San Diego.....	22,572	22,492	22,492	3,257	3,245	3,245	19,515	19,247	19,247
St. Paul.....	25,711	17,419	17,419	19,840	13,745	13,745	5,871	3,074	3,074
Toledo.....	13,676	10,092	7,194	10,288	6,924	6,884	3,398	3,108	3,108
Jersey City.....	42,168	32,740	32,740	29,710	27,229	27,229	12,458	5,511	5,511
Fort Worth.....	37,487	37,322	32,715	24,384	24,284	23,739	13,103	13,038	8,076
Akron.....	18,817	17,376	9,798	11,440	10,260	6,937	7,877	7,126	2,861
100,000 to 250,000, total.....	974,475	862,293	602,643	627,502	555,980	532,105	346,973	306,313	160,538
50,000 to 100,000, total.....	638,615	581,128	485,741	489,645	442,737	409,848	148,970	138,301	75,893
25,000 to 50,000, total.....	600,733	551,353	422,987	424,878	386,501	338,510	176,155	104,792	84,477

Source: Department of Commerce, Bureau of the Census; annual report, *Compendium of City Government Finances in 1950*.

No. 434.—EMPLOYMENT AND PAY ROLLS OF CITY GOVERNMENTS: OCTOBER 1951

POPULATION GROUP AND CITY	NUMBER OF EMPLOYEES			AMOUNT OF PAY ROLL (\$1,000)		
	Total	School ¹	Nonschool ²	Total	School ¹	Nonschool ²
All cities.....	1,296,540	194,613	1,101,927	314,902.0	61,015.7	253,886.3
Over 1,000,000, total.....	337,899	57,185	280,714	107,321.0	20,277.8	87,043.2
New York.....	228,019	57,185	170,834	72,281.2	20,277.8	52,003.4
Chicago.....	29,117	(22,395)	29,117	9,611.1	(8,827.8)	9,611.1
Philadelphia.....	23,539	(14,167)	23,539	6,323.0	(4,371.1)	6,323.0
Los Angeles.....	28,821	(21,800)	28,821	10,091.6	(8,575.0)	10,091.6
Detroit.....	28,403	(18,685)	28,403	³ 9,014.1	(7,175.8)	³ 9,014.1
500,000 to 1,000,000, total.....	160,776	28,552	132,224	45,131.0	9,133.4	35,997.6
Baltimore.....	19,420	6,980	12,440	5,059.5	2,150.9	2,908.6
Cleveland.....	16,693	(6,430)	16,693	4,782.8	(1,800.6)	4,782.8
St. Louis.....	12,115	(5,274)	12,115	3,162.0	(1,709.2)	3,162.0
Washington, D. C.....	20,274	5,537	14,737	6,009.7	1,933.6	4,076.1
Boston.....	22,964	5,408	17,556	5,885.2	1,515.9	4,369.3
San Francisco.....	15,140	(5,536)	15,140	5,028.0	(1,939.4)	5,028.0
Pittsburgh.....	6,796	(3,811)	6,796	1,958.4	(1,353.8)	1,958.4
Milwaukee.....	7,842	(4,479)	7,842	2,344.0	(1,467.0)	2,344.0
Houston.....	5,506	(4,022)	5,506	1,290.5	(1,691.7)	1,290.5
Buffalo.....	10,284	4,417	5,867	3,316.5	1,587.3	1,729.2
New Orleans.....	⁴ 7,102	(4,656)	⁴ 7,102	⁴ 1,469.6	(1,023.1)	⁴ 1,469.6
Minneapolis.....	8,498	3,039	4,559	2,952.7	1,543.7	1,409.0
Cincinnati.....	8,142	{ 2,271 (3,070) }	5,871	1,872.1	{ 402.0 (1,266.0) }	1,470.1
250,000 to 500,000, total.....	109,936	19,663	90,273	28,760.3	5,593.5	23,166.8
Seattle.....	7,376	⁵ (4,223)	7,376	2,276.3	⁵ (1,026.7)	2,276.3
Kansas City, Mo.....	4,970	(3,885)	4,970	1,078.2	(1,174.6)	1,078.2
Newark.....	11,216	4,282	6,934	3,294.3	1,522.6	1,771.7
Dallas.....	4,969	(3,288)	4,969	1,226.8	(1,411.1)	1,226.8
Indianapolis.....	4,409	(4,114)	4,409	902.0	(1,269.2)	902.0
Denver.....	5,284	(4,246)	5,284	1,306.6	(1,047.2)	1,306.6
San Antonio.....	4,128	(2,805)	4,128	972.0	(721.4)	972.0
Memphis.....	9,981	3,094	6,887	2,023.0	614.8	1,408.2
Oakland.....	3,555	(3,555)	3,555	1,091.2	(1,115.0)	1,091.2
Columbus.....	3,169	(2,133)	3,169	801.1	(705.7)	801.1
Portland, Oreg.....	3,796	(3,207)	3,796	1,078.7	(1,017.0)	1,078.7
Louisville.....	5,049	{ 885 (2,470) }	4,164	1,046.0	{ 217.0 (766.3) }	829.0
San Diego.....	2,986	(⁶)	2,986	910.8	(⁶)	910.8
Rochester.....	7,024	2,990	4,034	1,947.8	889.6	1,058.2
Atlanta.....	5,705	2,651	3,054	1,355.4	610.9	744.5
Birmingham.....	1,600	(2,593)	1,600	420.1	(649.2)	420.1
St. Paul.....	4,795	2,221	2,574	1,421.6	711.0	710.6
Toledo.....	3,190	{ 514 (2,245) }	2,676	944.0	{ 113.6 (728.1) }	831.0
Jersey City.....	7,702	2,658	5,044	2,104.2	821.7	1,282.5
Fort Worth.....	2,436	(2,547)	2,436	644.6	(674.2)	644.6
Akron.....	2,133	{ 368 (2,070) }	1,765	585.5	{ 92.3 (700.8) }	493.2
Omaha.....	1,315	(1,995)	1,315	335.8	(602.4)	335.8
Long Beach.....	3,148	(3,479)	3,148	992.8	(1,135.0)	992.8
Under 250,000, total.....	687,929	89,213	598,716	133,689.7	26,011.0	107,678.7

¹ Totals exclude employees and pay rolls for school systems operated independently of city governments. These amounts shown in parentheses.

² Includes employees and pay rolls for both general government and enterprises.

³ Nonschool pay rolls are not adjusted to monthly equivalents.

⁴ July 1951.

⁵ April 1951.

⁶ Not reported.

Source: Department of Commerce, Bureau of the Census; unpublished data.

No. 435.—SUMMARY OF COUNTY GOVERNMENT FINANCES: 1945 AND 1946

[Amounts, except per capita, in thousands of dollars. See also *Historical Statistics*, series P 183-211]

ITEM	1945	1946	Percent change from 1945 to 1946	Per capita, 1946 ¹	PERCENT DIS- TRIBUTION, 1946	
					Totals	Selected classes
General revenue and new borrowings, total.....	1,757,441	2,056,379	17.0	16.67	-----	-----
New borrowings.....	38,021	82,171	112.8	.67	-----	-----
General revenue, total.....	1,718,820	1,974,208	14.9	16.01	100.0	-----
Taxes, total.....	926,633	1,026,697	10.8	8.32	50.7	100.0
Property.....	880,474	973,573	9.5	7.89	49.4	97.5
Licenses, permits, and other.....	37,159	53,124	43.0	.43	1.3	2.5
Aid received from other governments.....	582,774	688,980	17.4	5.55	35.9	-----
Charges and miscellaneous.....	209,413	263,531	25.8	2.14	13.4	100.0
Charges for current services.....	148,888	193,641	30.1	1.57	9.8	73.5
Other.....	60,525	69,890	15.5	.57	3.5	20.5
General expenditure, total.....	1,696,371	1,967,008	16.0	15.95	100.0	-----
Provision for debt retirement.....	163,394	158,783	-2.8	1.29	8.1	-----
General expenditure less provision for debt retirement.....	1,532,977	1,808,223	18.0	14.66	91.9	-----
Operation.....	1,365,824	1,577,889	15.5	12.79	80.2	100.0
General control.....	274,186	316,284	15.4	2.56	16.1	20.0
Public safety.....	60,484	64,054	5.9	.52	3.3	4.1
Highways.....	292,085	355,530	21.7	2.88	18.1	22.5
Sanitation.....	4,736	4,114	-13.1	.03	.2	.3
Health.....	22,025	25,241	11.6	.20	1.3	1.6
Hospitals.....	127,769	143,032	11.9	1.16	7.3	9.1
Public welfare.....	390,335	448,753	15.0	3.64	22.8	28.4
Public assistance.....	350,060	400,449	14.1	3.25	20.4	25.4
Institutional care.....	39,375	48,304	22.7	.39	2.5	3.1
Correction.....	34,513	40,364	17.0	.33	2.1	2.6
Schools.....	92,170	102,206	10.9	.83	5.2	6.5
Libraries.....	5,415	6,050	11.7	.05	.3	.4
Recreation.....	8,665	10,798	24.6	.09	.5	.7
Natural resources.....	23,756	28,653	20.6	.23	1.5	1.8
Miscellaneous and unallocable.....	29,085	32,810	12.8	.27	1.7	2.1
Capital outlay.....	65,391	117,837	80.2	.96	6.0	100.0
By object:						
New construction.....	30,675	74,327	87.3	.60	3.8	63.1
Purchase of land and existing structures.....	4,933	6,628	34.4	.05	.3	5.6
Equipment.....	20,783	36,882	77.5	.30	1.9	31.3
For selected functions:						
Highways.....	45,167	79,064	75.0	.64	4.0	67.1
Schools.....	5,247	6,067	15.6	.05	.3	5.1
Aid paid to other governments.....	31,787	47,856	50.6	.39	2.4	-----
Interest.....	60,263	52,053	-13.6	.42	2.6	-----
Contributions to trust funds and enterprises.....	9,712	12,588	29.6	.10	.6	-----
Debt at end of fiscal year (general and enterprise):						
Gross.....	1,531,181	1,463,463	-4.4	11.87	100.0	-----
General only.....	1,508,098	1,448,366	-4.0	11.74	99.0	-----
Long-term.....	1,495,839	1,425,581	-4.7	11.56	97.4	-----
Short-term.....	35,342	37,882	7.2	.31	2.6	-----
Sinking-fund offsets to long-term debt.....	137,782	148,420	7.7	1.20	10.1	-----
Net long-term debt at end of fiscal year.....	1,358,057	1,277,161	-6.0	10.36	87.3	-----
General long-term debt issued during fiscal year.....	64,172	96,967	51.1	.79	6.6	100.0
Original issues.....	28,986	71,927	148.1	.58	4.9	74.2
Refunding issues.....	35,186	25,040	-28.8	.20	1.7	25.8
General long-term debt retired during fiscal year ²	172,562	170,505	-1.2	1.38	11.7	-----

¹ Based upon estimated total population, excluding armed forces overseas, on July 1, 1946, of the 3,050 counties which are classified as independent governmental units. Does not include population of Rhode Island, District of Columbia, and cities in which there is no "independent county government."

² Includes debt refunded.

Source: Department of Commerce, Bureau of the Census; *Summary of County Government Finances in 1946*. Revisions published in *Governmental Revenues in 1948*.

16. Banking and Finance

(Sent to print April 10, 1952)

MONEY AND BANKING .

Banking and monetary system.—Collection of banking and monetary statistics in the United States has been conditioned by the development of our 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 on January 1, 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.—Statistics showing the condition of banks are collected by the various agencies responsible for the supervision of banks. Subdivision of the field among these agencies and the increasing adoption of practically uniform report schedules has made it possible for these agencies to compile the data with little duplication.

The Comptroller of the Currency, who has charge of the supervision of national banks, has collected condition reports since 1863 from these banks from three to six times annually and has tabulated and published summaries of these reports, showing the principal assets and liabilities, that is, total loans, United States Government securities, other securities, reserves, bankers' balances, interbank deposits, other demand deposits, and time deposits. National bank statistics are published in detail in the *Abstract of Reports of National Banks* (usually four times a year). The call report data are also published in the annual reports of the Comptroller although the detailed break-down of assets and liabilities is slightly different than in the abstracts.

After the Federal Reserve System was established in 1914, State bank members of the Federal Reserve System began to submit to the Federal Reserve banks their statements of condition at the same time and in substantially the same form as national banks. These have been consolidated by the Federal Reserve Board with data for national banks collected by the Comptroller of the Currency into totals for all member banks of the Federal Reserve System, and are published in detail by the Board of Governors of the Federal Reserve System in the *Member Bank Call Report* (usually three times a year) and in summary form in the *Federal Reserve Bulletin*. *Banking and Monetary Statistics*, which was published in 1943 by the Board of Governors of the Federal Reserve System, makes available in one volume and on a uniform basis statistics of banking, monetary, and other financial developments. The statistics generally cover the period beginning with 1914.

Since the establishment of the Federal Deposit Insurance Corporation in 1934, insured banks not members of the Federal Reserve System have been reporting their condition for the end of June and December in the same manner as member banks, and consolidation of all these reports gives totals for all insured banks, which include nearly all commercial banks in the country. Beginning with June 30, 1947, a revised all-bank series is being tabulated twice a year by the Federal Deposit Insurance Corporation, replacing the three series previously compiled by the three Federal banking supervisory agencies. Data for noninsured banks are obtained largely through the cooperation of State banking officials. A monthly series, based on the

new all-bank series, is prepared and published by the Board of Governors of the Federal Reserve System.

Statistics of the Postal Savings System, which is under the management of the Post Office Department and which performs certain banking functions, are available monthly in the *Federal Reserve Bulletin* and annually in the *Report of Operations of the Postal Savings 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 money 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 January 31, 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 and not appearing in the official gold and silver export figures. The Federal Reserve Board derives a monthly figure for "currency outside banks" by subtracting from the Treasury "circulation" figure an amount representing vault cash held by commercial and mutual savings banks, and this figure more nearly approximates true circulation. 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.—Except for the Federal land banks, Federal intermediate credit banks, and a few other agencies, including the war emergency organizations, most of the credit agencies of the United States Government were created in 1932-34 to meet specific financial problems precipitated by the depression. At the present time, there are over 30 agencies, including the Reconstruction Finance Corporation, various agricultural lending institutions, insurance agencies, home mortgage and housing agencies, and certain agencies in liquidation.

There are several lending agencies which are part of, or are supervised by, the United States Department of Agriculture.

The Commodity Credit Corporation is the financial agency used in carrying out price support, supply, and related activities of the Department of Agriculture. As one means of effectuating the price support program, the corporation makes non-recourse loans to farmers, farm cooperatives and to some dealers and processors of farm commodities. Also it guarantees non-recourse loans for such purposes made by commercial banks and other institutions. Collateral for CCC loans are agricultural commodities which may be redeemed upon repayment of the loan.

The Rural Electrification Administration was established on May 11, 1935. It makes loans, with preference to nonprofit and cooperative organizations and to public bodies, to cover full cost of constructing power lines and other electric facilities to serve persons in rural areas who are without central station electric service. In 1949 the agency received authority to make loans to extend or improve rural telephone service. The Congress annually determines the amount of funds REA may lend.

The Farmers' Home Administration which was established in 1946 merged the functions of the Farm Security Administration and the Emergency Crop and Feed Loan Division of the Farm Credit Administration. The FHA is authorized to provide both long- and short-term credit for farmers who cannot get the loans they need at prevailing rates and terms in their communities from banks, cooperative lending agencies, or other similar sources. This agency is also authorized under certain

conditions to insure long-term farm mortgage loans made by private lenders. The amount of loans which FHA may make or insure is determined annually by Congress which appropriates funds for the direct loans.

The Farm Credit Administration supervises a system of lending institutions, the general purpose of which is to provide long- and short-term credit to farmers and farmers' cooperative associations on a sound credit basis through coordinated cooperative credit facilities. In contrast to other Federal credit agencies, for the most part this system does not lend Government funds; its lending operations are financed principally from the sale of securities of the land banks and intermediate credit banks in the investment market. The system at the end of December 1950 included 12 Federal land banks and 1,211 national farm loan associations which provide long-term farm mortgage credit, 12 production credit corporations which supervise 500 production credit associations making short-term loans, 13 banks for cooperatives which extend credit to farmers' cooperative associations, and 12 Federal intermediate credit banks which discount agricultural loans. Also, it includes the Federal Farm Mortgage Corporation which is servicing and liquidating the emergency farm mortgage loans made by the Land Bank Commissioner from 1933 to 1947.

Statistics on the principal assets and liabilities of Government credit agencies are published quarterly in the *Daily Statement of the United States Treasury*. Quarterly statements showing the assets and liabilities of Government corporations and sources and uses of funds for these agencies are published in the monthly *Treasury Bulletin*. Series of yearly, quarterly, and monthly statistics relating to operations of Government credit agencies are available also in the annual and other reports of individual agencies and the annual reports of the Secretary of the Treasury.

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 Company, which also publishes statistics on other types of insurance. Federal credit unions are under the supervision of the Bureau of Federal Credit Unions of the Federal Security Agency and statistics on them are compiled and published by that organization. These data are combined with information on credit unions other than Federal by the Bureau of Labor Statistics and published in the *Monthly Labor Review*. (See tables 490 and 491.) Consumer credit statistics are published currently in the *Federal Reserve Bulletin*.

SAVINGS AND LIQUID ASSETS

Individuals' saving.—The Securities and Exchange Commission releases quarterly detailed estimates of individuals' saving showing the increase in liquid assets held by individuals less the increase in their debt, exclusive of gains or losses from revaluation of assets. In addition to total saving, these figures show the components contributing to it, such as changes in securities, cash, insurance, consumers' indebtedness, etc. A continuous series starting with 1940 is published quarterly in a special release and in the Commission's *Statistical Bulletin*. (See table 463.) Annual estimates prior to 1940 were published in the *National Income Supplement to the Survey of Current Business*, July 1951, and in the issue of September 1949. The Home Loan Bank Board compiles statistics on changes in selected types of individual long-term savings. (See table 462.) The Board of Governors of the Federal Reserve System releases annual data covering the distribution of liquid assets and positive, negative, and net savings of families, by income groups. These estimates are based on the Board's Survey of Consumer Finances, a nation-wide interview survey of private households. (See table 310, p. 259.)

Liquid asset holdings of individuals and businesses.—The Board of Governors of the Federal Reserve System prepares annual estimates of the amount of currency, demand deposits, time deposits, shares in savings and loan associations, and U. S. Government securities held by individuals and businesses. Separate estimates are shown for financial and nonfinancial corporations, unincorporated businesses, other individuals, and trust fund holdings. The series, published in the *Federal Reserve Bulletin*, gives semi-annual figures from December 1939 to December 1946 and annual figures thereafter. (See table 464.)

SECURITIES MARKETS

New issues and retirement of securities.—Current statistical information on new issues of securities has been provided for many years by the *Journal of Commerce* (since 1906), the *Commercial and Financial Chronicle* (since 1919) (see table 506), and the Standard and Poor's Corporation (since 1924). The statistics of the *Commercial and Financial Chronicle*, the most detailed and most widely used of the aforementioned series, 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 the issues of foreign governments and their subdivisions. The series does not include detailed information on the uses of the proceeds of new issues, showing totals only for refunding and all other purposes.

A more comprehensive series of new issues with detailed information on the intended uses of net proceeds has been compiled by the Securities and Exchange Commission on a monthly basis beginning with January 1934. (See tables 504 and 507.) 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 the volume of retirements of corporate securities and changes in security holdings of institutional groups and the public by type of issue. The Commission has been publishing data on the cost of flotation of securities registered under the Securities Act of 1933.

Trading in securities.—(See tables 496, 499, 500, 502.) 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, reported in connection with the fees paid under Section 31 of the Securities Exchange Act of 1934, 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 New York Curb Exchange, showing short sales and several categories of member and nonmember purchases and sales. Daily odd-lot purchases and sales are reported separately.

Prior to 1934, the only available statistical data on the volume of trading in securities were the daily figures on the number of shares and the principal amount of bonds reported sold on the New York Stock Exchange and on most of the other securities exchanges. "Reported" volume of stock sales on the New York Stock Exchange represents sales in round lots reported on the ticker and does not include certain types of round-lot transactions such as stopped sales, private sales, split openings, cross transactions, and errors of omission, which ordinarily amount to from five to ten percent of total round-lot sales on the Exchange.

Security price averages.—A number of indices of security prices are published regularly. Among the most widely known 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. Indices of the Standard and Poor's Corporation, available since 1918, are based on the Wednesday closing prices of approximately 400 stocks. (See table 495.) The Securities and Exchange Commission compiles an index of weekly closing

prices of 265 stocks listed on the New York Stock Exchange, comprising 37 industry groups, conforming with the Standard Industrial Classification. These indices are published in the Commission's *Statistical Bulletin*. (See table 494.)

INSURANCE

Insurance statistics.—There are no complete statistics of insurance for the United States as a whole. Individual States collect statistics on insurers operating within their respective jurisdictions; organizations representing certain classes of insurers, or of insurance, collect statistics for those classes; insurance publishers gather the only statistics approaching comprehensiveness. This situation arises primarily from the fact that the regulation of insurance and the collection of primary information on insurance are in the hands of the various States, Territories, and the District of Columbia. While insurance is now largely subject to Federal regulation, the Federal Government has not exercised its power nor has it taken any steps to collect comprehensive statistics of insurance on a national basis. Basic theory 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.

Types of insurance.—Insurance is traditionally classified as life, fire and marine, and casualty. With some overlapping between classes, an insurer is authorized to write insurance falling in one of these three classes, though there is now a tendency in the direction of permitting insurers, other than life, to write all kinds of insurance except life. *Life insurance* and *marine insurance* are each fairly homogeneous, the one having to do with life contingencies, and the other with losses connected with transportation. *Fire insurance*, as such, offers protection against loss by fire, but insurers in that business write several allied classes of insurance, principally against loss by windstorm, by damage to motor vehicles, by damage to aircraft, by sprinkler leakage, by earthquake, and by riot. *Casualty insurance* is a miscellaneous class, the principal subclasses of which are liability insurance (protecting against loss due to claims for damages) and workmen's compensation insurance (protecting an employer against loss due to his obligations under a workmen's compensation law). (See section 10, Social Security.) Casualty insurers also write several unrelated kinds of insurance, including fidelity and surety bonds.

Types of insurer.—The principal classes of insurer are stock companies and mutual companies or associations. Of less importance are fraternal insurers, reciprocal exchanges, Lloyds, State funds, and savings banks. *Stock companies* are corporations owned and controlled by stockholders, usually for the purpose of making profits. *Mutuals* are owned and controlled by insured members for the purpose of meeting their insurance needs at cost. *Fraternal insurers* emphasize social purposes as well as insurance; *reciprocal exchanges* are organizations of individual insureds operating through an attorney-in-fact; *Lloyds* are groups of individuals writing insurance in syndicates; *State funds* are insurers operated by individual States and are almost entirely devoted to writing workmen's compensation insurance either as exclusive insurers or in competition with private insurers; *savings banks* write life insurance in three States.

Historical statistics.—See preface and historical appendix. Tabular headnotes (as "See also *Historical Statistics*, series N 172-178") provide cross-references, where applicable, to *Historical Statistics of the United States*, 1789-1945.

FIG. XX.—DEPOSITS OF ALL BANKS AND CURRENCY OUTSIDE BANKS: 1930 TO 1951
[Years ending June 30. See table 437]

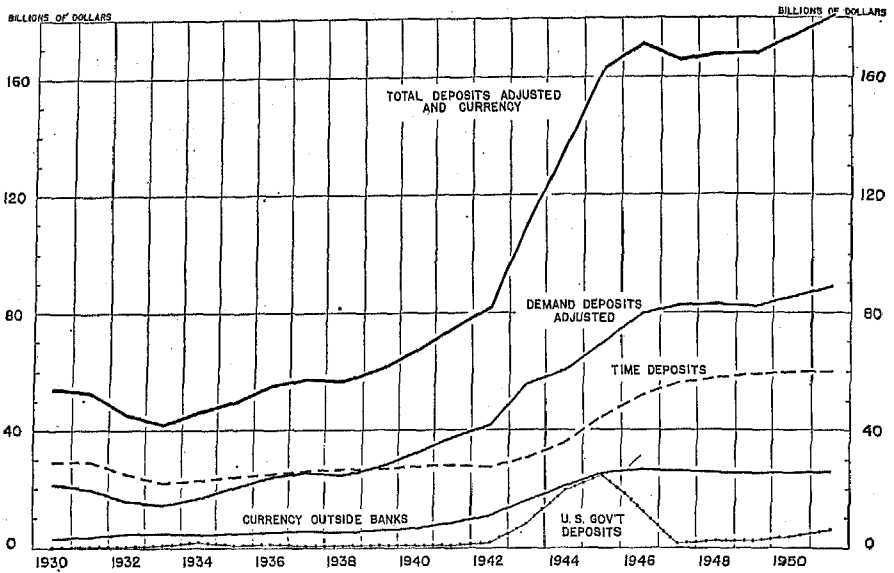
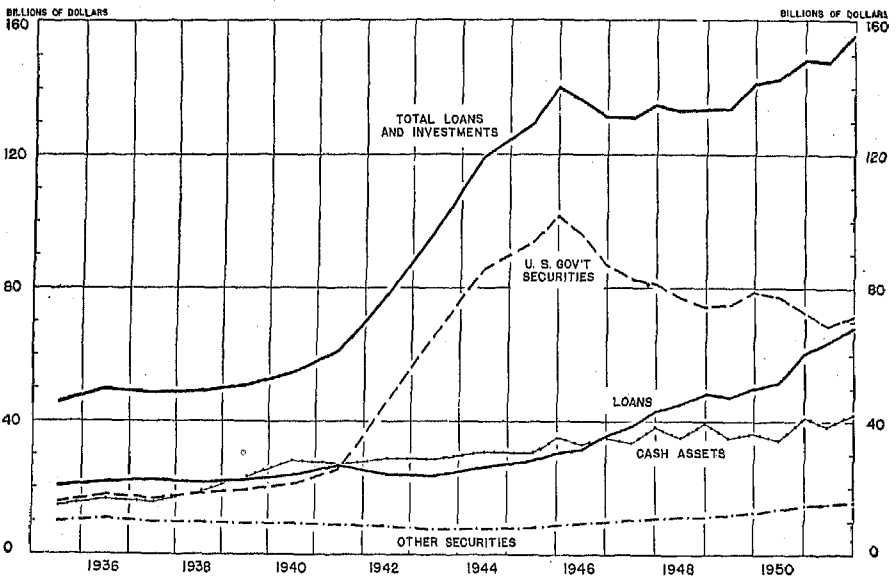


FIG. XXI.—PRINCIPAL ASSETS OF ALL BANKS: 1935 TO 1951
[As of end of December 1935 to 1944; end of June and December thereafter. See table 448]



Source of figs. XX and XXI: Board of Governors of the Federal Reserve System.

No. 436.—CONSOLIDATED CONDITION STATEMENT FOR BANKS AND THE MONETARY SYSTEM: 1929 TO 1951

[In millions of dollars. 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]

ITEM	1929 (June 30)	1933 (June 30)	1939 (Dec. 30)	1941 (Dec. 31)	1945 (Dec. 31)	1950 (Dec. 30)	1951 (Dec. 31)
Total assets or liabilities, net.....	64,698	48,465	75,171	90,637	191,735	199,009	208,724
ASSETS							
Gold.....	4,037	4,031	17,644	22,737	20,065	22,706	22,695
Treasury currency.....	2,019	2,286	2,963	3,247	4,339	4,630	4,706
Bank credit, total.....	58,642	42,148	54,564	64,653	167,381	171,667	181,323
Loans, net.....	41,082	21,957	22,157	26,605	30,387	60,366	67,597
U. S. Government obligations, total.....	5,741	10,328	23,105	29,049	128,417	90,560	97,808
Commercial and savings banks.....	5,499	8,100	10,417	25,511	101,288	72,894	71,343
Federal Reserve Banks.....	216	1,998	2,484	2,254	24,262	20,778	23,801
Other.....	26	131	1,204	1,284	2,807	2,888	2,664
Other securities.....	11,819	9,863	0,302	8,999	8,577	14,741	15,918
LIABILITIES							
Capital and miscellaneous accounts, net.....	8,922	6,436	6,812	7,826	10,979	14,624	15,320
Deposits and currency, total.....	55,776	42,029	68,359	82,811	180,806	184,385	193,404
Foreign bank deposits, net.....	365	50	1,217	1,498	2,141	2,158	2,279
U. S. Government balances:							
Treasury cash.....	204	204	2,409	2,215	2,287	1,203	1,279
At commercial and savings banks.....	381	852	846	1,895	24,608	2,980	3,615
At Federal Reserve Banks.....	36	35	634	867	977	608	247
Deposits adjusted and currency outside banks.....	54,790	40,828	63,253	76,336	150,793	176,917	185,984
Demand deposits adjusted ¹	22,640	14,411	29,793	38,992	75,851	92,272	98,234
Time deposits adjusted ²	28,611	21,656	27,050	27,729	48,452	59,247	61,447
Commercial banks.....	10,557	10,840	15,258	16,884	30,135	36,314	37,859
Mutual savings banks ³	8,905	9,621	10,523	10,532	15,355	20,009	20,857
Postal Savings System.....	149	1,186	1,278	1,313	2,932	2,923	2,701
Currency outside banks.....	3,639	4,761	6,401	9,615	26,490	25,398	26,303

¹ Demand deposits, other than interbank and U. S. Government, less cash items reported as in process of collection.

² Excludes interbank time deposits; United States Treasurer's time deposits, open account; and deposits of Postal Savings System in banks.

³ Prior to June 30, 1947, includes a relatively small amount of demand deposits.

Source: Board of Governors of the Federal Reserve System. Figures published currently in *Federal Reserve Bulletin*.

No. 437.—DEPOSITS AND CURRENCY—ADJUSTED DEPOSITS OF ALL BANKS AND CURRENCY OUTSIDE BANKS: 1892 TO 1951

[In millions of dollars. Figures partly estimated. See also *Historical Statistics*, series N 172-178]

YEAR ENDING JUNE 30—	Total deposits (adj.) and cur- rency	Currency outside banks	DEPOSITS				Total demand deposits (adj.) and cur- rency
			Total	Demand (adj.) ¹	U. S. Govt. ²	Time ³	
1892.....	5,838	1,015	4,823	2,880	14	1,929	3,805
1900.....	8,865	1,331	7,534	4,420	99	3,015	5,761
1910.....	16,077	1,725	15,252	8,254	54	6,944	9,979
1915.....	20,682	1,575	19,107	9,828	48	9,231	11,403
1920.....	39,859	4,105	35,754	19,616	304	15,834	23,721
1925.....	48,323	8,573	44,750	21,376	180	23,194	24,949
1930.....	54,389	3,369	51,020	21,706	322	28,992	25,075
1935.....	49,881	4,783	45,098	20,433	811	23,854	25,216
1940.....	66,952	6,699	60,253	31,962	828	27,463	38,661
1945.....	162,784	25,097	137,687	69,053	24,381	44,253	94,150
1946.....	171,237	26,516	144,721	79,476	13,416	51,829	105,902
1947.....	165,507	26,299	139,208	82,186	1,367	55,655	108,485
1948.....	167,875	25,638	142,237	82,697	2,180	57,360	108,335
1949.....	167,930	25,266	142,664	81,877	2,304	58,483	107,143
1950.....	173,765	25,185	148,580	85,040	3,801	59,739	110,225
1951.....	181,016	25,776	155,240	88,960	6,332	59,948	114,736

¹ Demand deposits other than interbank and U. S. Govt., less cash items reported as in process of collection.

² Beginning with December 1938, includes U. S. Treasurer's time deposits, open account.

³ Includes amounts held by commercial banks, mutual savings banks and Postal Savings System. Excludes interbank time deposits; U. S. Treasurer's time deposits, open account; and deposits of Postal Savings System in banks. Prior to June 30, 1947, includes a relatively small amount of demand deposits at mutual savings banks.

Source: Board of Governors of the Federal Reserve System; *Banking and Monetary Statistics*, and *Federal Reserve Bulletin*. Figures published currently in *Federal Reserve Bulletin*.

No. 438.—MONEY STOCK AND MONEY IN CIRCULATION: 1800 TO 1951

[All figures except per capita in thousands of dollars. For sake of comparability figures in this table for earlier years have been revised in conformity with revisions in circulation statement in 1922 and 1927. For explanations of these revisions, see annual reports of Secretary of Treasury 1922, p. 433, and 1928, pp. 70-71. Per capita figures for 1800-40 based on Bureau of Census population figures for continental United States on census dates; beginning 1800, based on estimated population as of July 1 and Dec. 31. See also *Historical Statistics*, series N 148-151]

JUNE 30—	Stock of money in United States ¹	MONEY HELD IN TREASURY					MONEY OUTSIDE TREASURY ¹		
		Total	In trust against gold and silver certi- ficates ²	Gold reserve against United States notes ²	Held for Federal Reserve Banks and agents ²	All other money	Held by Federal Reserve Banks and agents	In circulation	
								Amount	Per capita (dollars)
1800.....	28,000	1,500	-----	-----	-----	1,500	-----	28,500	4.99
1820.....	69,100	2,000	-----	-----	-----	2,000	-----	67,100	6.96
1840.....	189,999	3,664	-----	-----	-----	3,664	-----	186,305	10.91
1860.....	442,102	6,695	-----	-----	-----	6,695	-----	443,507	13.82
1870.....	899,876	156,994	32,085	-----	-----	124,910	-----	774,060	19.42
1890.....	1,185,550	225,922	13,753	100,000	-----	112,168	-----	973,382	19.37
1890.....	1,085,123	684,259	428,387	100,000	-----	155,872	-----	1,429,251	22.67
1895.....	1,819,360	701,339	483,947	100,000	-----	117,391	-----	1,601,968	23.02
1900.....	2,366,220	969,492	684,503	150,000	-----	134,990	-----	2,081,231	27.35
1905.....	2,919,494	1,245,501	949,347	150,000	-----	146,153	-----	2,623,340	31.30
1910.....	3,466,856	1,638,186	1,285,014	150,000	-----	168,172	-----	3,148,684	34.07
1915.....	4,050,783	1,967,695	1,619,429	152,877	-----	195,259	382,965	3,319,582	33.01
1920.....	8,158,496	2,379,664	704,638	152,979	1,184,276	337,771	1,015,881	5,407,689	51.36
1925.....	8,209,382	4,176,381	2,059,799	153,621	1,752,744	210,217	1,307,591	4,815,208	41.67
1930.....	8,806,504	4,021,937	1,978,448	156,039	1,796,239	91,211	1,741,087	4,521,688	36.74
1935.....	15,113,035	6,997,362	7,131,431	156,039	6,652,590	2,709,891	1,147,422	5,567,093	43.75
1940.....	28,457,960	21,836,936	19,651,067	156,039	14,938,895	2,029,829	3,485,695	7,847,501	59.40
1943.....	40,863,266	24,466,764	22,199,035	156,039	17,408,945	2,111,690	3,770,331	17,421,260	127.42
1944.....	44,805,301	23,173,693	20,878,641	156,039	16,194,111	2,139,012	3,811,797	22,504,342	162.61
1945.....	48,009,400	22,202,115	19,023,738	156,039	15,839,072	2,122,338	3,745,512	26,746,438	191.13
1946.....	49,048,011	22,649,365	20,397,885	156,039	15,837,692	2,095,441	3,803,941	28,244,997	199.76
1947.....	50,500,352	23,639,353	22,318,880	156,039	17,223,658	1,168,433	3,703,994	28,297,227	196.33
1948.....	52,001,129	25,590,134	24,563,132	156,039	19,442,875	1,170,962	3,928,896	27,902,859	190.31
1949.....	53,103,980	26,891,355	25,554,811	156,039	20,429,710	1,180,505	3,874,816	27,492,910	184.33
1950.....	52,440,353	26,046,049	25,348,025	156,039	20,106,624	1,141,744	3,819,755	27,156,200	179.03
1951.....	50,985,939	24,175,655	22,894,041	156,039	17,698,722	1,124,884	4,197,063	27,809,230	180.15
Dec. 31:									
1950.....	51,889,721	25,121,457	23,827,978	156,039	18,642,076	1,137,440	4,213,377	27,740,788	181.15
1951.....	53,535,281	25,130,255	23,859,773	156,039	18,652,510	1,114,444	4,406,308	29,205,979	187.47

¹ Beginning 1870, excludes gold and silver certificates and Treasury notes of 1800 outside Treasury. Beginning 1934, 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.

² Both items include also reserve against Treasury notes of 1890.

³ 1894 to date, gold certificates. Amount excluded from total since gold held as security against gold certificates is included in column "In trust against gold and silver certificates."

⁴ Includes total stock of silver dollars and subsidiary silver.

Source: Treasury Department; *Annual Report of the Secretary*; *Circulation Statement of United States Money*, published monthly.

No. 439.—MONEY STOCK AND MONEY IN CIRCULATION, BY KIND, JUNE 30: 1930 TO 1951

[In thousands of dollars. See also *Historical Statistics*, series N 148, 151-165]

KIND	1930	1935	1940	1945	1949	1950	1951
Money stock, total ¹	8,306,564	15,113,035	28,457,960	48,009,400	53,103,980	52,440,353	50,985,939
Gold coin and bullion ²	4,534,866	9,115,643	10,963,091	20,212,973	24,466,324	24,230,720	21,755,888
Silver bullion.....	—	313,309	1,353,162	1,520,295	1,988,559	2,022,835	2,057,227
Silver dollars.....	539,960	545,642	547,078	493,943	492,857	492,583	492,249
Subsidiary silver.....	310,973	312,416	402,261	825,798	980,456	1,001,574	1,041,946
United States notes.....	346,681	346,681	346,681	346,681	346,681	346,681	346,681
Minor coin.....	126,001	133,040	173,909	303,539	371,956	378,463	388,646
Federal Reserve notes.....	1,746,501	3,492,854	5,481,778	23,650,975	24,040,979	23,602,680	24,574,934
Federal Reserve Bank notes.....	3,260	84,354	22,800	533,970	313,333	277,202	245,987
National bank notes.....	608,317	769,096	107,190	121,215	93,835	87,615	82,382
Percentage of gold to total money.....	54.59	60.32	70.15	42.10	46.07	46.21	42.67

See footnotes at end of table.

No. 439.—MONEY STOCK AND MONEY IN CIRCULATION, BY KIND, JUNE 30: 1930 TO 1951—Continued

[In thousands of dollars]

KIND	1930	1935	1940	1945	1949	1950	1951
Money in circulation, total	4,521,988	5,567,093	7,847,501	26,746,438	27,492,910	27,156,290	27,809,230
Gold coin ¹	367,236						
Gold certificates	994,841	117,167	68,793	52,084	42,665	40,772	39,070
Silver dollars	38,029	32,308	46,020	125,178	103,894	170,185	180,013
Silver certificates	380,915	701,474	1,551,602	1,650,689	2,060,852	2,177,251	2,092,174
Treasury notes of 1890	1,200	1,182	1,163	1,160	1,145	1,145	1,145
Subsidiary silver	281,231	295,773	384,187	788,283	939,568	964,709	1,019,824
Minor coin	117,436	125,125	108,977	291,096	355,316	360,886	378,360
United States notes	288,889	235,417	247,887	322,587	318,688	320,781	318,173
Federal Reserve notes	1,402,065	3,222,913	5,163,284	22,867,459	23,209,437	22,700,285	23,456,018
Federal Reserve Bank notes	3,200	81,470	22,373	527,001	308,821	273,788	243,261
National bank notes	660,779	874,263	165,155	120,012	92,524	86,488	81,202

¹ 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.

² By proclamation of the president dated Jan. 31, 1934, weight of gold dollar reduced from 25.8 to 15 $\frac{1}{2}$ grains of gold, 0.9 fine. Hence, value of gold based on \$35 per fine ounce beginning June 1934; theretofore, based on \$20.67 per fine ounce.

³ Gold Reserve Act of 1934, which was culmination of gold actions of 1933, vested in United States title to all gold coin and gold bullion. Gold coin was withdrawn from circulation and formed into bars. Gold coin (\$287,000,000) shown on Treasury records as being then outstanding was dropped from monthly circulation statement as of Jan. 31, 1934.

Source: Treasury Department; *Annual Report of the Secretary*; *Circulation Statement of United States Money*, published monthly.

No. 440.—BANK DEBITS AND DEPOSIT TURNOVER: 1920 TO 1951

[All figures in millions of dollars. Figures represent debits or charges on books of reporting member and non-member banks of Federal Reserve System to deposit accounts of individuals, firms, and corporations, and of United States, State, county, and municipal governments, including debits to savings accounts, payments from trust accounts, and certificates of deposit paid. Excludes debits to accounts of other banks or in settlement of clearinghouse balances, payment of cashier's checks, charges to expense and miscellaneous accounts, corrections, and similar charges. See also *Historical Statistics*, series N 76-79]

YEAR	DEBITS TO TOTAL DEPOSIT ACCOUNTS ¹				ANNUAL RATE OF TURNOVER OF TOTAL DEPOSITS ¹		DEBITS TO DEMAND DEPOSIT ACCOUNTS ²		ANNUAL RATE OF TURNOVER OF DEMAND DEPOSITS ²	
	Total, all reporting centers	New York City ³	140 other centers ³	Other reporting centers ⁴	New York City	Other reporting centers	New York City ⁵	Other leading cities ⁵	New York City ⁶	Other leading cities ⁶
1920	490,468	241,431	241,505	7,442						
1925	605,843	313,373	250,689	35,781						
1930	702,050	384,639	277,317	41,003						
1935	402,718	184,008	190,167	28,545			178,498	175,902	31.5	22.7
1940	445,863	171,582	230,952	37,329			167,373	217,744	17.1	18.6
1942 (old series)	907,071	210,961	342,430	55,679			200,337	308,913	18.0	18.4
1942 (new series) ⁶	641,778	226,865	347,857	67,074	16.1	13.1				
1943	792,095	236,308	410,413	77,153	16.5	11.7	258,398	369,396	20.5	17.4
1944	861,910	345,585	462,364	88,970	17.1	10.8	298,902	403,400	22.4	17.3
1945	974,102	404,543	479,760	89,799	18.2	9.7	351,002	412,800	24.2	16.1
1946 (old series)							374,365	449,414	25.5	16.9
1946 (new series) ⁷	1,050,021	417,475	527,336	105,210	18.9	10.0	407,940	522,944	26.2	16.5
1947	1,125,074	405,929	599,639	119,506	21.0	11.9	400,468	598,445	24.1	18.0
1948	1,240,630	449,002	667,934	132,695	23.6	12.9	445,221	690,155	27.2	19.2
1949	1,231,053	452,897	648,976	129,179	24.1	12.4	447,150	639,772	28.2	18.7
1950	1,403,752	518,970	742,468	147,324	26.6	13.4	508,166	731,611	31.4	20.3
1951	1,577,887	551,889	854,050	171,917	26.9	14.5	540,990	837,491	32.2	21.7

¹ Except interbank.

² Except interbank and Government.

³ National series for which bank debits figures available beginning with 1910.

⁴ Annual figures for 1930 and 1935 include from 121 to 131 centers and for 1940 and 1942 (old series) include 133 centers. Figures for 1942 (new series) to November 1947 include 193 centers; from December 1947 through December 1950, 102 centers; and thereafter 201.

⁵ Weekly reporting member bank series.

⁶ Partly estimated for first 4 months.

⁷ Estimated for first 6 months.

Source: Board of Governors of the Federal Reserve System, annual and current reports on bank debits and *Federal Reserve Bulletin*.

No. 441.—BANK CLEARINGS AT PRINCIPAL CITIES: 1920 TO 1951

[In millions of dollars. Comparability of figures for different years is affected by tendency toward consolidation of banks, eliminating former clearings between 2 or more banks. Debits to individual account (table 440) are a better measure of volume of payment. Cities listed in order of importance according to clearings in 1951. See also *Historical Statistics*, series N 80-89]

YEAR	Total, 143 cities	New York City	142 cities outside New York City	YEAR	Total, 143 cities	New York City	142 cities outside New York City
1920.....	438,847	243,135	195,712	1937.....	335,899	186,740	149,159
1923.....	403,650	213,906	189,654	1938.....	298,644	165,156	130,488
1924.....	444,919	249,808	195,061	1939.....	307,311	165,014	141,597
1925.....	499,515	283,619	215,896	1940.....	315,228	160,878	154,350
1926.....	511,689	290,355	221,334	1941.....	378,244	183,263	194,981
1927.....	543,614	321,234	222,380	1942.....	410,971	192,939	217,032
1928.....	622,538	391,727	230,811	1943.....	514,051	248,560	265,491
1929.....	714,880	477,242	237,647	1944.....	559,877	280,349	283,528
1930.....	543,854	347,110	196,744	1945.....	631,635	334,433	297,202
1931.....	411,161	263,270	147,891	1946.....	709,961	366,065	343,896
1932.....	255,145	160,138	98,007	1947.....	751,796	361,238	390,558
1933.....	243,556	167,414	86,142	1948.....	803,597	371,554	432,043
1934.....	263,816	161,507	102,309	1949.....	770,297	358,845	411,452
1935.....	300,402	181,551	118,851	1950.....	866,107	390,309	466,798
1936.....	330,903	193,540	137,444	1951.....	(1)	431,775	(1)

CITY	1920	1925	1930	1935	1940	1945	1948	1949	1950	1951
Total, 38 cities.....	424,173	481,922	528,962	591,351	604,211	611,908	770,995	738,134	829,719	918,740
New York.....	243,135	283,619	347,110	181,551	160,878	334,433	371,554	358,845	390,309	431,776
Philadelphia.....	25,005	29,070	26,300	16,009	21,455	34,710	47,591	45,243	51,102	65,433
Chicago.....	32,069	35,392	28,708	13,195	16,085	27,280	38,880	35,807	40,075	44,780
Los Angeles.....	3,904	7,945	8,807	5,852	7,544	17,144	24,714	23,178	26,505	31,189
Boston.....	18,817	22,482	23,080	10,046	11,044	19,690	23,735	22,963	25,348	28,335
San Francisco.....	8,122	9,479	9,559	6,469	7,774	15,743	20,794	19,513	21,983	27,350
Detroit.....	6,104	8,431	8,440	4,523	6,312	16,473	20,069	19,485	22,855	26,022
Cleveland.....	4,987	5,997	6,638	3,417	5,734	11,529	16,834	15,177	17,684	21,581
Pittsburgh.....	8,983	8,857	9,247	5,246	7,075	12,970	16,656	14,756	16,782	18,484
Kansas City, Mo.....	11,615	7,036	6,302	4,348	4,998	10,856	17,103	15,147	16,707	18,042
Dallas.....	1,869	2,557	2,122	1,069	2,987	6,635	12,599	12,259	14,451	16,445
St. Louis.....	8,204	7,627	6,146	3,041	4,822	9,724	14,499	13,606	14,896	15,994
Minneapolis.....	4,012	4,463	4,016	3,045	3,787	8,196	14,073	12,697	14,114	15,843
Atlanta.....	3,257	3,604	2,289	2,208	3,431	8,204	11,880	11,003	12,910	16,178
Houston.....	1,504	1,706	1,076	1,420	2,569	5,982	10,764	10,488	11,022	14,093
Baltimore.....	4,866	5,832	4,820	2,911	4,202	8,315	11,068	10,707	12,155	13,046
Cincinnati.....	3,507	3,710	3,203	2,466	3,245	6,305	9,172	8,517	9,020	11,055
Richmond.....	3,046	2,839	2,287	1,697	2,237	4,518	6,537	6,430	7,199	8,200
Seattle.....	2,073	2,205	1,998	1,460	2,113	4,763	6,132	5,795	6,000	8,195
Portland, Oreg.....	1,907	2,015	1,770	1,279	1,890	3,830	7,844	7,214	7,991	8,180
Omaha.....	3,094	2,188	2,183	1,503	1,614	3,968	6,284	5,911	6,833	7,994
Louisville.....	1,290	1,744	1,850	1,395	1,933	4,028	6,188	6,098	6,934	7,578
New Orleans.....	3,315	3,170	2,315	1,434	2,150	4,065	6,224	6,330	6,871	7,436
Denver.....	1,981	1,668	1,094	1,264	1,627	3,209	5,447	5,175	6,072	6,986
Birmingham.....	991	1,372	1,010	816	1,230	3,125	4,790	4,842	5,583	6,594
Jacksonville.....	626	1,446	675	625	1,106	2,801	4,216	4,247	5,123	6,035
Memphis.....	1,191	1,233	954	828	1,256	2,620	4,779	4,929	5,371	5,850
St. Paul.....	1,870	1,631	1,200	1,171	1,459	2,628	4,579	4,541	5,185	5,627
Buffalo.....	2,293	2,782	2,604	1,473	1,833	3,312	4,332	4,059	4,671	5,409
Washington, D. C.....	897	1,353	1,318	935	1,414	2,499	3,661	3,590	4,068	5,241
Nashville.....	1,180	1,122	1,079	697	1,056	2,140	3,571	3,518	3,987	4,544
Milwaukee.....	1,736	2,002	1,487	829	1,142	1,945	3,100	3,087	3,734	4,306
Salt Lake City.....	892	898	918	648	843	1,562	2,898	2,804	3,096	3,517
Indianapolis.....	942	904	1,092	724	1,063	1,679	2,747	2,738	3,064	3,235
Newark.....	(1)	1,120	1,791	915	995	1,550	2,257	2,133	2,417	2,710
Columbus, Ohio.....	751	803	793	526	577	967	1,789	1,707	1,900	2,030
Providence.....	697	718	684	460	603	982	1,372	1,295	1,499	1,576
Hartford.....	531	793	708	558	629	870	1,293	1,314	1,386	1,527

¹ No data available.

Source: *Commercial and Financial Chronicle*, New York, N. Y., except for data for Los Angeles, which were furnished by Los Angeles Clearing House Association.

No. 442.—ANALYSIS OF CHANGES IN GOLD STOCK: 1915 TO 1951

[In millions of dollars. Gold valued at \$20.67 per fine ounce through January 1934; at \$35 thereafter. See also *Historical Statistics*, series N 166-171]

YEAR	GOLD STOCK (end of period)		Increase in total gold stock	Domestic gold pro- duction ²	Net gold import (+) or export (-)	Earmarked gold: Decrease (+) or increase (-)	Gold under earmark (end of period) ³
	Total ¹	Treasury					
1915.....	2,025	2,025	499.1	90.7	+420.5		
1920.....	2,630	2,630	-68.4	49.9	+95.0	-145.0	22.0
1925.....	4,112	4,112	-100.1	48.0	-134.4	+32.2	13.0
1930.....	4,306	4,306	309.6	43.4	+280.1	-2.4	137.7
1935.....	10,126	10,125	1,868.0	110.7	+1,739.0	+2	8.8
1940.....	22,042	21,995	4,242.5	170.2	+4,744.5	-644.7	1,807.7
1945.....	20,083	20,065	-547.8	32.0	-106.3	-356.7	4,293.8
1948.....	24,399	24,244	1,530.4	70.9	+1,680.4	-159.2	3,777.7
1949.....	24,563	24,427	104.6	67.3	+686.6	-405.7	4,273.3
1950.....	22,820	22,706	-1,742.3	80.1	-371.3	-1,352.4	5,625.7
1951.....	22,873	22,705	62.7	69.0	-549.0	+617.6	5,008.2

¹ Includes gold in Exchange Stabilization Fund beginning 1935; gold in active portion of this fund not included in Treasury gold stock.

² Estimate of the United States mint through 1950; figure for 1951 is estimate of American Bureau of Metal Statistics.

³ Held at Federal Reserve Banks for foreign and international accounts.

⁴ Adjusted for changes in gold held under earmark abroad by the Federal Reserve banks.

Source: Board of Governors of the Federal Reserve System; *Banking and Monetary Statistics* and *Federal Reserve Bulletin*.

No. 443.—COINAGE OF GOLD, SILVER, AND MINOR COIN: 1840 TO 1951

[In thousands of dollars. Coinage figures represent face amount of coin. See also *Historical Statistics*, series N 170-182]

YEAR	Total	Gold coin ¹	Silver coin	Minor coin	YEAR	Total	Gold coin ¹	Silver coin	Minor coin
1840.....	3,427	1,675	1,727	25	1925.....	216,457	192,380	19,874	4,203
1850.....	33,802	31,982	1,806	44	1930.....	8,731	2,440	2,668	3,623
1860.....	26,030	23,474	2,559	206	1935.....	88,581		81,237	7,344
1870.....	24,927	23,190	1,738	350	1940.....	50,158		25,300	20,708
1880.....	90,111	62,508	27,412	391	1945.....	101,132		75,871	25,261
1890.....	61,056	20,467	30,203	1,385	1948.....	87,047		60,995	26,053
1900.....	137,640	60,273	30,345	2,031	1947.....	48,044		35,323	12,720
1905.....	59,260	49,638	6,332	2,299	1948.....	49,848		36,800	12,089
1910.....	111,605	104,724	3,744	3,637	1949.....	28,340		18,651	6,685
1915.....	80,146	32,968	4,114	2,063	1950.....	41,891		34,006	7,885
1920.....	50,214	16,990	26,057	8,167	1951.....	74,736		61,434	13,302

¹ Coinage of domestic gold coin discontinued in 1933.

No. 444.—SILVER—PRICES, BULLION VALUE, AND RATIO TO GOLD: 1840 TO 1950

[London price converted to basis of ounce 1.000 fine and converted to American money at par of exchange through 1930; from 1931 through 1944, at current rate of exchange; beginning 1945, (London price) reported on basis of ounce 0.999 fine and converted to American money at current rate of exchange. Commercial ratio computed on basis of London quotations through 1914; thereafter, on basis of New York average price. Beginning 1934, monetary value of gold is \$35.00 per fine ounce, as against \$20.67+ in previous years. Value of fine silver (371.24 grains) in dollar computed on basis of London quotations through 1917; thereafter, on basis of New York average price. See also *Historical Statistics*, series N 183-184, for data on commercial ratio to gold and value of silver in dollar]

[All figures, except "Commercial ratio to gold," expressed in dollars]

CALENDAR YEAR	Lon- don, per fine ounce	NEW YORK, PER FINE OUNCE			Com- mer- cial ratio to gold	Bul- lion value of silver dollar	CALENDAR YEAR	Lon- don, per fine ounce	NEW YORK, PER FINE OUNCE			Com- mer- cial ratio to gold	Bul- lion value of silver dollar
		Aver- age	High	Low					Aver- age	High	Low		
1840.....	1.323				15.62	1.023	1918.....	1.042	.984	1.010	.889	21.00	0.761
1850.....	1.310				15.70	1.018	1920.....	1.346	1.019	1.379	.604	20.28	.788
1860.....	1.352				15.29	1.045	1925.....		.694	.732	.668	29.78	.637
1870.....	1.328				15.57	1.027	1930.....		.887	.885	.472	53.74	.298
1880.....	1.145	1.139	1.150	1.113	18.05	.886	1935.....		.639	.646	.813	60.14	.600
1890.....	1.046	1.053	1.205	.958	19.75	.809	1940.....		.384	.351	.350	35.01	.976
1900.....	.620	.621	.658	.598	33.33	.480	1945.....		.513	.519	.708	44.8	.402
1905.....	.610	.610	.665	.556	33.87	.472	1947.....		.742	.718	.803	59.8	.555
1910.....	.541	.542	.576	.508	38.22	.418	1948.....		.766	.744	.775	70.0	.575
1915.....	.519	.511	.580	.478	40.48	.401	1949.....		.766	.719	.733	70.0	.557
1917.....	.805	.840	1.165	.731	24.61	.692	1950.....		.766	.742	.800	71.8	.574

Source of tables 443 and 444: Treasury Dept., Bureau of the Mint; *Annual Report of the Director*.

No. 445.—ALL ACTIVE BANKS—PRINCIPAL ASSETS AND LIABILITIES, BY CLASS OF BANKS: 1834 TO 1950

[Includes banks in Alaska, Hawaii, Puerto Rico, Philippine Islands (through 1941), and beginning with 1935, those in Virgin Islands and with 1933, those in Canal Zone, Guam (except 1942-44), and American Samoa. Data for banks other than national for earlier years are not as of June 30 and are incomplete, especially through 1885. Figures for mutual savings banks include some stock savings banks for years prior to 1910 and also a few in several more recent years. Private banks are not included prior to 1890; statistics for private banks, except for 1935, cover only banks under State supervision and those voluntarily reporting; for 1935 they include also private banks which submitted reports to the Comptroller of the Currency under provisions of the Banking Act of 1933. See also *Historical Statistics*, series N 10-34, and N 43-48]

[Money figures in millions of dollars]

ON OR ABOUT JUNE 30—	Number of banks	Total assets or liabilities ¹	SELECTED ASSETS				SELECTED LIABILITIES			
			Loans and discounts including overdrafts ²	U. S. Govt. and other securities ³	Cash and balances with other banks ⁴	Capital stock ⁵	Surplus, undivided profits, and reserve ⁶	Circulation ⁷	Total deposits ⁸	
All banks:										
1834.....	506	418.9	324.1	6.1	76.1	200.0	-----	94.8	102.3	
1840.....	901	657.8	462.9	42.4	98.7	\$ 358.4	-----	107.0	119.9	
1860.....	1,562	999.9	691.9	70.3	195.7	\$ 421.9	-----	207.1	309.7	
1880.....	3,365	3,398.9	1,662.3	904.2	666.6	565.2	260.3	318.4	2,222.1	
1900.....	10,382	10,785.8	5,657.7	2,498.4	2,256.0	1,024.7	882.2	265.3	8,513.0	
1910.....	23,085	22,450.3	12,521.8	4,687.8	4,437.3	1,879.9	1,956.0	675.0	17,584.2	
1915.....	27,062	27,804.1	15,758.7	5,840.1	5,068.5	2,162.8	2,372.7	722.7	22,031.7	
1920.....	30,139	52,828.2	30,050.1	11,252.0	8,367.4	2,702.6	3,251.3	688.2	41,725.2	
1925.....	28,841	61,898.1	33,598.5	15,374.9	9,006.8	3,169.7	4,180.8	648.5	51,995.1	
1930.....	24,079	73,462.4	40,510.1	17,944.7	11,178.0	3,889.4	6,302.1	652.3	69,847.2	
1935.....	16,053	60,386.9	20,419.3	24,217.2	12,397.5	3,605.4	4,230.3	222.1	51,636.1	
1940.....	15,017	80,213.6	22,557.7	29,074.9	25,683.9	3,091.8	5,233.3	-----	71,153.5	
1943 (Dec. 31).....	14,621	128,122.0	23,674.5	73,726.2	28,612.2	3,011.6	6,034.1	-----	118,336.1	
1944 (Dec. 30).....	14,579	152,947.2	26,101.6	94,011.0	30,977.2	3,053.0	6,640.2	-----	142,310.8	
1945 (Dec. 31).....	14,598	178,351.1	30,466.9	110,515.7	35,614.8	3,187.4	7,424.2	-----	166,630.1	
1946 (Dec. 31).....	14,633	160,406.4	35,822.9	96,636.7	35,217.5	3,290.5	8,138.5	-----	156,801.4	
1947 (Dec. 31).....	14,755	176,024.1	43,231.1	92,397.3	38,560.1	3,342.6	8,654.8	-----	162,728.7	
1948 (Dec. 31).....	14,736	170,075.4	48,452.7	85,933.4	39,035.5	3,423.2	9,130.6	-----	162,041.4	
1949 (Dec. 31).....	14,705	180,043.1	49,828.2	91,436.2	36,675.8	3,548.7	9,616.9	-----	165,244.0	
1950 (Dec. 31).....	14,666	192,240.7	60,711.1	88,004.8	41,235.8	3,670.2	10,246.6	-----	176,120.2	
National banks:										
1865.....	1,294	1,126.5	362.4	\$ 394.0	343.9	\$ 255.8	54.5	131.5	¹⁰ 614.2	
1880.....	2,076	2,036.6	994.7	461.5	517.5	455.9	168.5	318.1	1,085.1	
1900.....	3,732	4,944.2	2,644.2	774.6	1,400.3	621.5	391.5	265.3	3,621.5	
1910.....	7,145	9,896.6	5,455.9	1,576.3	2,549.9	989.6	861.4	675.6	7,257.0	
1915.....	7,605	11,795.7	6,665.1	2,026.5	2,697.0	1,068.5	1,036.8	722.7	8,821.2	
1920.....	8,030	23,276.3	13,502.1	4,050.9	4,495.4	1,224.2	1,397.9	688.2	17,166.6	
1925.....	8,072	24,263.7	12,596.2	5,705.2	4,791.9	1,369.4	1,600.6	648.5	19,921.8	
1930.....	7,252	28,872.4	14,897.2	6,888.2	5,415.3	1,744.0	2,232.2	652.3	23,268.9	
1935.....	5,431	26,066.5	7,368.7	10,716.4	6,868.2	1,809.5	1,276.9	221.1	22,518.2	
1940.....	5,170	36,885.1	9,179.2	12,905.3	13,877.1	1,534.6	1,941.8	-----	33,074.4	
1943 (Dec. 31).....	5,046	64,631.9	10,133.5	37,504.3	16,080.7	1,631.5	2,427.9	-----	60,156.2	
1944 (Dec. 30).....	5,031	76,940.9	11,497.8	47,022.3	17,637.2	1,566.9	2,708.0	-----	72,128.9	
1945 (Dec. 31).....	5,023	90,635.8	13,948.0	55,611.6	20,178.8	1,658.8	2,996.9	-----	85,242.9	
1946 (Dec. 31).....	5,013	84,850.3	17,309.8	46,042.8	20,067.2	1,756.6	3,393.2	-----	79,049.8	
1947 (Dec. 31).....	5,011	88,447.0	21,480.5	44,010.0	22,075.6	1,779.3	3,641.6	-----	82,276.4	
1948 (Dec. 31).....	4,997	88,135.1	23,818.5	40,228.4	23,024.3	1,828.8	3,842.1	-----	81,648.0	
1949 (Dec. 31).....	4,981	90,239.2	23,928.3	44,207.8	21,045.0	1,910.3	4,018.0	-----	83,344.3	
1950 (Dec. 31).....	4,965	97,240.1	29,277.6	43,022.6	23,813.4	2,001.7	4,327.3	-----	89,526.6	
State (commercial banks): ¹¹										
1840.....	901	657.7	462.9	42.4	98.7	\$ 358.4	-----	107.0	119.9	
1860.....	1,562	999.9	691.9	70.3	195.7	\$ 421.9	-----	207.1	309.7	
1880.....	650	481.8	282.1	61.9	109.9	109.3	35.8	3	317.9	
1900.....	5,009	3,378.4	1,933.5	589.0	707.0	383.8	289.6	-----	2,659.0	
1910.....	14,378	8,741.2	5,230.3	1,424.9	1,695.2	871.5	795.0	-----	6,840.2	
1915.....	17,791	11,511.4	6,808.5	1,028.4	2,133.2	1,073.8	963.4	-----	9,123.7	
1920.....	20,690	23,720.3	14,427.6	4,452.6	3,608.0	1,465.1	1,414.4	-----	19,199.7	
1925.....	19,035	29,566.2	16,738.7	6,283.4	4,844.3	1,789.5	1,820.0	-----	24,794.0	
1930.....	15,860	34,180.0	19,651.4	7,162.4	5,450.9	2,136.9	3,082.6	-----	27,281.4	
1935.....	9,808	22,441.0	7,686.9	8,690.0	4,915.1	1,701.3	1,665.2	-----	18,636.5	
1940.....	9,239	31,193.9	8,403.5	10,831.6	10,781.9	1,540.2	1,987.6	-----	27,302.1	
1943 (Dec. 31).....	9,989	50,849.9	9,009.9	28,743.3	11,686.1	1,468.8	2,322.6	-----	46,276.5	
1944 (Dec. 30).....	9,971	61,001.4	10,187.8	37,321.3	12,707.3	1,475.3	2,546.5	-----	56,625.8	
1945 (Dec. 31).....	9,003	70,555.2	12,184.7	42,854.6	14,772.7	1,617.7	2,825.7	-----	65,694.6	
1946 (Dec. 31).....	9,052	65,681.1	13,024.5	36,687.7	14,263.3	1,631.7	2,960.8	-----	60,649.0	

See footnotes at end of table.

No. 445.—ALL ACTIVE BANKS—PRINCIPAL ASSETS AND LIABILITIES, BY CLASS OF BANKS: 1834 TO 1950—Continued

[Money figures in millions of dollars]

ON OR ABOUT JUNE 30—	Number of banks	Total assets or liabilities ¹	SELECTED ASSETS			SELECTED LIABILITIES			
			Loans and discounts including overdrafts ²	U. S. Govt. and other securities ³	Cash and balances with other banks ⁴	Capital stock ⁵	Surplus, undivided profits, and reserve ⁶	Circulation ⁷	Total deposits ¹
State (commercial banks): ¹¹ —Continued									
1947 (Dec. 31).....	9,092	67,396.3	16,684.9	34,482.1	15,488.4	1,550.4	3,104.6	-----	62,283.1
1948 (Dec. 31).....	9,090	67,026.3	18,832.2	31,812.5	15,621.9	1,581.8	3,268.1	-----	61,610.4
1949 (Dec. 31).....	9,101	67,915.9	19,227.4	33,211.9	14,672.6	1,622.1	3,456.2	-----	62,267.6
1950 (Dec. 31).....	9,081	72,215.6	23,178.5	31,611.2	16,526.0	1,668.0	3,661.7	-----	66,221.8
Mutual savings banks:									
1875.....	674	896.2	532.5	295.7	41.2	-----	45.6	-----	849.6
1880.....	629	881.7	385.4	390.8	39.1	-----	55.0	-----	819.1
1900.....	652	2,536.5	1,001.6	1,128.1	114.0	-----	195.5	-----	2,134.7
1910.....	638	3,652.4	1,727.2	1,676.1	160.7	-----	289.3	-----	3,360.6
1915.....	630	4,319.4	2,170.0	1,809.9	206.3	-----	360.0	-----	3,951.1
1920.....	620	5,619.0	2,591.5	2,716.3	226.7	-----	422.5	-----	5,187.1
1925.....	611	7,913.0	4,183.1	3,351.2	243.3	-----	749.7	-----	7,161.8
1930.....	606	10,295.3	5,896.0	3,872.4	296.8	-----	1,068.7	-----	9,215.9
1935.....	571	11,172.5	5,342.5	4,511.4	522.8	¹² 25.6	1,190.1	-----	9,919.8
1940.....	551	11,952.2	4,926.5	5,261.5	979.4	8.0	1,288.1	-----	10,631.4
1943 (Dec. 31).....	537	13,023.9	4,474.6	7,375.4	795.7	4.9	1,208.9	-----	11,717.1
1944 (Dec. 30).....	535	14,761.3	4,362.3	9,543.6	582.3	4.9	1,370.3	-----	13,350.6
1945 (Dec. 31).....	534	10,987.1	4,271.8	11,905.4	607.8	4.9	1,584.9	-----	15,356.4
1946 (Dec. 31).....	533	13,665.0	4,515.3	13,157.5	816.4	4.9	1,778.5	-----	16,835.2
1947 (Dec. 31).....	533	19,713.9	4,944.4	13,696.2	886.3	5.0	1,884.1	-----	17,762.8
1948 (Dec. 31).....	532	20,473.5	5,086.2	13,708.7	877.9	4.7	1,994.5	-----	18,404.9
1949 (Dec. 31).....	531	21,492.9	6,678.1	13,822.2	872.6	5.3	2,116.5	-----	19,293.4
1950 (Dec. 31).....	529	22,384.9	8,136.8	13,209.4	796.9	5.4	2,241.8	-----	20,031.3
Private banks:									
1890.....	1,358	165.2	103.4	8.0	36.2	41.4	14.4	-----	105.4
1900.....	989	126.3	73.4	5.8	34.7	19.4	5.6	-----	97.7
1910.....	934	160.0	108.4	10.4	31.5	18.9	9.7	-----	126.4
1915.....	1,036	177.7	115.0	15.3	32.0	20.5	12.5	-----	135.7
1920.....	799	212.6	128.9	32.2	37.4	13.3	16.5	-----	171.8
1925.....	523	155.2	80.5	35.2	27.3	10.8	10.4	-----	127.5
1930.....	361	114.6	65.5	21.7	15.0	8.6	8.7	-----	81.0
1935.....	243	710.8	121.2	399.4	91.5	69.1	89.1	-----	511.5
1940.....	57	182.4	48.4	76.5	45.4	8.9	15.8	-----	145.5
1943 (Dec. 31).....	49	216.3	56.5	103.3	49.7	6.5	14.6	-----	186.4
1944 (Dec. 30).....	42	234.6	53.7	123.7	50.3	5.9	15.4	-----	205.4
1945 (Dec. 31).....	38	273.0	62.4	144.1	55.5	5.9	16.7	-----	238.1
1946 (Dec. 31).....	35	310.0	73.3	149.4	70.7	6.3	10.0	-----	267.4
1947 (Dec. 31).....	119	466.9	121.4	209.1	109.9	7.5	24.5	-----	407.4
1948 (Dec. 31).....	116	441.5	115.9	183.9	111.5	7.9	25.9	-----	378.2
1949 (Dec. 31).....	92	395.1	94.4	194.4	85.6	5.0	27.1	-----	338.9
1950 (Dec. 31).....	91	400.1	118.4	161.6	99.4	5.1	24.8	-----	337.4

¹ Reciprocal interbank demand balances with banks in U. S. are reported net, beginning 1942.² Acceptances of other banks and bills of exchange or drafts sold with endorsements are excluded for national and State banks beginning with 1920 and for other banks beginning with 1929.³ Securities borrowed excluded for national banks beginning with 1903 and for other banks beginning with 1920. Not reported separately for prior years.⁴ Includes lawful reserve and exchanges for clearing house. Beginning 1936, excludes cash items not in process of collection.⁵ Beginning 1934, includes capital notes and debentures for banks other than national.⁶ Interest, taxes, and other expenses accrued and unpaid are excluded for national banks beginning with 1920 and for other banks beginning with 1929.⁷ Figures for national banks represent national bank circulation only; comparatively small amounts of State bank notes outstanding for 1870 to 1910, for which national banks converted from State banks or merged with State banks assumed liability, are not included in the figures for national banks or for all banks.⁸ Capital only.⁹ U. S. Government securities only.¹⁰ Includes State bank circulation outstanding.¹¹ Includes loan and trust companies, and with some exceptions (see headnote), stock savings banks.¹² Figures given under capital for 1935 include capital stock of one stock savings bank (see headnote).Source: Treasury Department, Comptroller of the Currency; *Annual Report*.

No. 446.—ALL ACTIVE BANKS—ASSETS AND LIABILITIES: 1947 TO 1950

(Money figures in millions of dollars. Includes data for U. S. possessions)

ITEM	1947 (Dec. 31)	1948 (Dec. 31)	1949 (Dec. 31)	1950 (Dec. 31)
Number of banks.....	14,755	14,735	14,705	14,066
Assets, total.....	176,024	176,075	180,043	192,241
Loans, total ¹	43,231	48,463	49,828	60,711
Loans on real estate.....	14,302	16,704	18,350	21,925
Commercial and industrial loans (including open-market paper).....	18,295	19,055	17,195	22,003
Other loans, including overdrafts.....	10,634	13,332	15,070	17,645
Less valuation reserves.....		638	787	927
Securities, total.....	92,397	85,933	91,436	88,005
U. S. Government obligations, direct and guaranteed.....	81,637	74,462	78,754	73,188
Obligations of States and political subdivisions.....	5,362	5,754	6,667	8,249
Other bonds, notes, and debentures.....	4,898	5,200	5,505	6,011
Corporate stocks, including stocks of Federal Reserve banks.....	500	517	520	557
Currency and coin.....	2,393	2,145	2,185	2,343
Balances with other banks, including reserve balances and cash items in process of collection.....	36,167	37,490	34,401	38,893
Bank premises owned, furniture and fixtures.....	1,060	1,123	1,173	1,241
Real estate owned other than bank premises.....	34	32	32	33
Investments and other assets indirectly representing bank premises or other real estate.....	67	78	86	103
Customers' liability on acceptances outstanding.....	167	205	191	235
Interest, commissions, rent, and other income earned or accrued but not collected.....	508	616	621	677
Other assets.....				
Liabilities, total.....	164,027	163,521	166,878	178,325
Deposits, total.....	162,729	162,041	165,244	176,120
Deposits of individuals, partnerships, and corporations:				
Demand.....	85,303	83,166	83,454	91,314
Time.....	52,454	53,355	54,416	55,203
U. S. Government and postal savings deposits.....	1,539	2,621	3,325	3,069
Deposits of States and political subdivisions.....	7,788	8,562	8,957	9,546
Deposits of banks.....	13,045	12,285	12,721	14,050
Other deposits (certified and cashiers' checks, etc.).....	2,600	2,152	2,371	2,638
Bills payable, rediscounts, and other liabilities for borrowed money.....	75	64	27	95
Acceptances executed by or for account of reporting banks and outstanding.....	191	228	222	270
Interest, discount, rent, and other income collected but not earned.....				
Interest, taxes, and other expenses accrued and unpaid.....	1,032	1,188	1,385	1,840
Other liabilities.....				
Capital accounts, total.....	11,997	12,554	13,165	13,916
Capital notes and debentures.....	62	48	48	47
Preferred stock.....	87	79	69	62
Common stock.....	3,163	3,296	3,431	3,561
Surplus.....	5,735	6,008	6,385	6,854
Undivided profits.....	2,246	2,506	2,626	2,809
Reserves and retirement account for preferred stock and capital notes and debentures.....	674	617	606	583

¹ Beginning in 1948, figures for various loan items are reported gross, i. e., before deduction of valuation reserves, and are not entirely comparable with prior years.

Source: Treasury Department, Comptroller of the Currency; *Annual Report*.

No. 447. — ALL ACTIVE BANKS — SUMMARY, BY STATES AND OTHER AREAS: DEC. 30, 1950

[Money figures in millions of dollars]

REGION, STATE, OR OTHER AREA	Num- ber of banks	Total assets or liabili- ties	SELECTED ASSETS				SELECTED LIABILITIES			
			Loans and dis- counts includ- ing over- drafts	U. S. Govt. and other securi- ties	Cash and balances with other banks ¹	Capital, surplus, undiv- ided profits and reserve ²	Deposits			Time (incl. postal savings)
							Total	Demand		
Total	14, 666	192, 240.7	60, 711.1	88, 004.8	41, 235.8	13, 915.9	176, 120.2	118, 794.2		57, 325.9
Continental U. S.	14, 623	191, 316.9	60, 386.2	87, 635.1	41, 086.4	13, 837.1	175, 296.2	118, 321.6		56, 974.6
New England States	860	14, 898.7	4, 934.2	7, 754.5	2, 032.8	1, 400.1	13, 366.2	5, 957.3		7, 409.0
Maine.....	95	771.2	234.7	426.8	102.5	80.8	686.4	256.8		429.8
New Hampshire.....	109	628.6	236.0	315.3	72.5	70.8	555.0	166.9		389.0
Vermont.....	77	381.5	106.9	131.6	49.1	38.6	340.7	102.8		237.9
Massachusetts.....	371	8, 584.6	2, 915.3	4, 304.6	1, 174.0	808.1	7, 601.5	3, 649.9		4, 041.7
Rhode Island.....	24	1, 158.0	384.6	611.2	145.4	100.0	1, 044.0	479.8		564.2
Connecticut.....	184	3, 374.7	966.8	1, 874.9	488.6	301.9	3, 047.6	1, 301.2		1, 746.4
Eastern States	2, 316	73, 045.9	23, 855.7	33, 928.0	14, 233.1	6, 186.6	65, 611.4	41, 469.5		24, 141.9
New York.....	760	49, 724.2	17, 540.2	21, 593.8	9, 892.3	4, 227.9	44, 392.9	28, 200.5		16, 192.4
New Jersey.....	347	5, 899.4	1, 627.7	3, 251.1	942.8	408.0	5, 454.0	2, 839.9		2, 615.1
Pennsylvania.....	978	13, 216.0	3, 613.0	6, 854.9	2, 676.2	1, 227.6	11, 905.6	7, 706.2		4, 199.4
Delaware.....	40	695.0	192.0	381.7	114.5	67.7	623.1	444.6		178.6
Maryland.....	173	2, 265.1	535.1	1, 271.0	424.0	178.0	2, 072.7	1, 253.0		819.7
District of Columbia.....	19	1, 246.2	347.9	575.6	302.4	76.5	1, 162.1	935.4		226.7
Southern States	3, 855	27, 115.5	8, 447.0	10, 639.9	7, 714.3	1, 698.0	25, 243.7	21, 067.4		4, 176.4
Virginia.....	313	2, 188.8	767.9	859.3	539.0	158.9	2, 014.8	1, 381.6		633.1
West Virginia.....	180	1, 039.5	291.4	481.8	254.8	85.4	949.8	604.5		255.3
North Carolina.....	225	2, 060.6	681.6	815.0	540.2	184.4	1, 890.1	1, 504.5		394.6
South Carolina.....	148	721.1	198.9	316.1	200.2	44.6	672.4	584.4		87.9
Georgia.....	381	1, 925.9	749.8	615.5	538.0	120.6	1, 779.5	1, 462.6		316.9
Florida.....	190	2, 148.2	492.0	1, 074.4	553.8	120.5	2, 008.3	1, 644.3		364.0
Alabama.....	225	1, 375.0	430.7	566.1	363.0	93.6	1, 271.3	1, 013.8		257.5
Mississippi.....	201	873.4	224.8	392.4	248.1	53.0	816.9	683.9		133.0
Louisiana.....	185	1, 949.7	488.4	884.2	552.9	101.5	1, 835.4	1, 552.8		282.6
Texas.....	904	7, 060.6	2, 536.5	2, 738.1	2, 581.8	445.3	7, 470.6	6, 806.0		664.5
Arkansas.....	232	909.0	203.1	409.8	290.8	59.9	847.1	747.4		99.7
Kentucky.....	385	1, 749.2	555.9	712.0	468.1	124.0	1, 617.2	1, 390.0		227.1
Tennessee.....	297	2, 213.6	826.2	774.3	588.8	138.4	2, 061.3	1, 601.5		459.8
Middle Western States	4, 979	46, 515.7	12, 904.1	22, 468.3	10, 769.0	2, 794.0	43, 441.1	30, 764.4		12, 676.7
Ohio.....	692	8, 664.4	2, 504.4	4, 196.1	1, 877.2	527.6	8, 082.9	5, 213.2		2, 869.8
Indiana.....	400	3, 545.6	864.3	1, 843.0	811.5	208.6	3, 322.3	2, 393.3		928.9
Illinois.....	891	13, 979.3	3, 409.9	7, 090.5	3, 390.6	842.5	13, 037.9	9, 860.7		3, 177.2
Michigan.....	430	6, 211.8	1, 681.5	3, 166.0	1, 309.4	335.3	5, 829.3	3, 618.7		2, 210.6
Wisconsin.....	566	3, 332.5	895.2	1, 704.2	703.5	205.4	3, 117.4	1, 876.3		1, 242.1
Minnesota.....	681	3, 338.4	1, 072.5	1, 502.2	737.3	216.6	3, 090.2	2, 082.6		1, 016.6
Iowa.....	680	2, 533.6	811.6	1, 127.0	580.1	161.7	2, 368.1	1, 842.0		526.1
Missouri.....	600	4, 910.1	1, 673.6	1, 838.4	1, 359.3	206.3	4, 584.0	3, 378.5		705.5
Western States	2, 102	8, 863.3	2, 436.4	4, 066.7	2, 362.4	534.7	8, 297.4	7, 193.4		1, 104.0
North Dakota.....	150	601.6	126.5	368.7	103.6	35.8	569.7	404.5		159.2
South Dakota.....	169	537.5	145.8	275.0	112.6	31.2	504.5	414.8		89.7
Nebraska.....	418	1, 467.0	403.9	661.0	392.3	87.9	1, 375.0	1, 235.5		139.5
Kansas.....	612	1, 804.0	535.3	786.6	472.0	112.3	1, 697.5	1, 517.9		169.6
Montana.....	110	611.0	142.8	311.2	152.8	26.9	581.8	484.1		97.7
Wyoming.....	53	288.6	77.7	126.5	82.4	16.2	271.5	225.8		45.7
Colorado.....	153	1, 300.3	373.4	565.6	353.9	77.9	1, 216.4	991.9		224.4
New Mexico.....	51	382.7	118.3	141.5	119.6	21.0	360.0	314.0		46.9
Oklahoma.....	386	1, 870.6	512.7	769.7	573.2	125.7	1, 736.2	1, 604.8		131.4
Pacific States	511	20, 877.9	7, 808.8	8, 837.6	3, 954.8	1, 223.7	19, 336.4	11, 869.7		7, 465.6
Washington.....	121	2, 352.2	804.3	1, 013.8	511.0	140.3	2, 199.8	1, 472.8		727.0
Oregon.....	71	1, 536.2	523.0	668.8	322.3	89.5	1, 436.3	1, 037.4		398.9
California.....	202	15, 193.2	5, 808.6	6, 434.2	2, 739.7	893.3	14, 018.3	8, 123.7		5, 894.6
Idaho.....	43	469.5	177.0	191.9	96.8	24.2	443.0	338.1		104.9
Utah.....	55	632.2	234.4	239.8	152.7	38.3	589.7	400.5		180.2
Nevada.....	8	190.9	58.6	96.6	33.1	10.9	178.6	116.9		61.7
Arizona.....	11	503.6	202.8	192.5	99.1	27.1	470.8	371.4		99.3
Other areas	43	92.7	324.9	369.7	149.4	78.8	824.0	472.6		351.3
Alaska.....	20	90.8	24.7	39.2	25.9	5.8	84.8	50.8		25.1
Canal Zone (Panama).....	(3)	24.9	9	3.8	3.2	-----	24.9	22.6		2.4
Guam.....	(4)	20.0	1.4	-----	1.3	-----	20.0	11.5		8.5
Hawaii.....	9	429.1	166.7	181.6	73.5	32.2	395.2	203.2		192.0
Puerto Rico.....	11	352.6	129.9	141.3	44.4	40.8	293.2	172.4		120.8
American Samoa.....	1	1.6	(5)	1.1	.3	.1	1.3	1.0		.4
Virgin Islands.....	2	4.9	1.3	2.8	.8	.4	4.4	2.3		2.2

¹ Includes reserve balances and cash items in process of collection.² Includes capital notes and debentures and retirement account for preferred stock and capital notes, etc.³ 4 branches of 2 American national banks.⁴ 2 branches of an American national bank.⁵ Less than \$50,000.Source: Treasury Department, Comptroller of the Currency; *Annual Report*.

No. 448.—ALL BANKS IN CONTINENTAL UNITED STATES—PRINCIPAL ASSETS AND LIABILITIES, AND NUMBER OF BANKS: 1930 TO 1951

[Money figures in millions of dollars. In general, data cover national banks, State commercial banks, trust companies, mutual and stocks savings banks, and such private, Morris Plan, and industrial banks for which data are available. For member bank data, see table 450; for figures on all active banks including those in territories and possessions, see table 446.]

ITEM	1930, Dec. 31	1935, Dec. 31	1940, Dec. 31	1945, Dec. 31	1948, Dec. 31	1949, Dec. 31	1950		1951	
							June 30	Dec. 30	June 30	Dec. 31
Loans and investments, total.....	56,602	45,779	54,177	140,227	133,693	140,598	142,959	148,021	147,742	154,869
Loans.....	38,052	20,356	23,756	30,362	48,174	40,544	51,999	60,386	63,840	67,603
Investments, total.....	18,550	25,424	30,422	109,865	85,519	91,054	90,961	87,635	83,901	87,261
U. S. Government obligations.....	(1)	15,527	20,972	101,288	74,097	78,433	77,320	72,804	68,726	71,343
Other securities.....	(1)	9,896	9,449	8,577	11,422	12,621	13,640	14,741	15,176	15,918
Cash assets ²	(1)	14,849	28,090	35,415	30,474	36,522	34,099	41,086	38,235	45,531
Deposits, total ²	58,092	55,389	75,996	165,612	161,248	164,467	163,770	175,296	171,800	185,756
Interbank ²	5,155	6,570	10,934	14,065	12,269	12,710	11,435	14,039	11,947	15,087
Other:										
Demand.....	(1)	25,427	38,558	105,935	94,671	96,156	95,505	104,744	102,527	111,644
Time.....	(1)	23,392	26,503	45,613	54,308	55,601	56,830	56,513	57,386	59,025
Capital accounts, total.....	(1)	7,787	8,302	10,542	12,479	13,088	13,576	13,537	14,236	14,623
Number of banks.....	22,773	15,900	14,896	14,553	14,703	14,687	14,674	14,650	14,636	14,618

¹ Not available.

² Beginning June 30, 1942, excludes reciprocal balances, which on Dec. 31, 1942, aggregated \$513 million at all member banks and \$525 million at all insured commercial banks.

No. 449.—FEDERAL RESERVE SYSTEM, ALL MEMBER BANKS—EARNINGS, EXPENSES, AND DIVIDENDS: 1930 TO 1950

[Money figures in millions of dollars; ratios in percentages. See also *Historical Statistics*, series N 68-75.]

ITEM	1930	1935	1940	1945	1949	1950		
						Total	National	State
Number of banks.....	8,052	6,387	6,486	6,884	6,892	6,873	4,958	1,915
Current earnings, total.....	2,167.9	1,206.6	1,323.0	2,102.2	2,985.6	3,264.7	2,185.9	1,078.7
Interest earned.....	1,857.5	967.3	1,026.6	1,707.9	2,433.4	2,663.2	1,820.7	842.5
Expenses, total ¹	1,604.3	832.5	921.0	1,267.6	1,888.9	2,019.7	1,332.6	687.1
Interest paid.....	771.0	209.7	147.6	185.2	264.4	274.9	191.2	83.7
Salaries and wages.....	451.8	334.5	400.3	579.0	920.1	999.9	649.7	350.2
Net current earnings ¹	553.6	374.1	402.0	834.5	1,096.7	1,244.9	853.3	391.6
Recoveries, profits on securities, etc.....	118.2	376.0	302.8	453.8	182.5	218.6	153.5	65.1
Losses and charge-offs ¹	365.8	538.3	355.7	229.9	317.9	313.7	215.6	98.0
Profits before income taxes.....	(1)	(1)	(1)	1,068.5	961.3	1,149.9	791.2	358.6
Taxes on net income.....	(1)	(1)	(1)	270.1	275.1	369.1	254.6	114.4
Net profits.....	306.5	211.9	349.1	788.4	686.3	780.8	536.6	244.2
Cash dividends declared ²	367.0	186.8	210.5	245.9	312.7	345.5	220.0	116.5
Loans ³	25,018.0	11,085.0	14,298.0	19,815.0	35,249.0	39,098.0	(1)	(1)
Securities ³	10,377.0	16,913.0	20,623.0	77,361.0	61,910.0	64,314.0	(1)	(1)
Capital accounts ³	6,723.0	5,118.0	5,597.0	7,243.0	8,999.0	9,455.0	(1)	(1)
Ratios to capital accounts:								
Net current earnings ¹	8.2	7.3	7.2	11.5	12.2	13.2	(1)	(1)
Net profits.....	4.6	4.1	6.2	10.9	7.6	8.3	(1)	(1)
Cash dividends declared.....	5.5	3.7	3.8	3.4	3.5	3.7	(1)	(1)
Ratios to total assets:								
Total current earnings.....	4.6	2.9	2.3	1.7	2.3	2.4	(1)	(1)
Net current earnings ¹	1.2	.9	.7	.7	.9	.9	(1)	(1)

¹ Beginning with 1942, taxes on net income, previously included in expenses, are reported separately, and recurring depreciation on banking-house furniture and fixtures, previously included in losses and charge-offs, is included in expenses.

² Includes interest on capital notes and debentures beginning 1933, when first issued.

³ Prior to 1949, averages of amounts reported for every call date in year and final call date in preceding year. For 1949 and 1950 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.

⁴ Not available on the 13-month basis used for all member banks.

Source of tables 448 and 449: Board of Governors of the Federal Reserve System; figures through 1941, *Banking and Monetary Statistics*; published currently in *Federal Reserve Bulletin*.

No. 450.—FEDERAL RESERVE SYSTEM, ALL MEMBER BANKS—PRINCIPAL ASSETS AND LIABILITIES: 1925 TO 1951

[Money figures in millions of dollars. Data as of Dec 31. See also *Historical Statistics*, series N 40-55, for data as of June 30 on all member banks]

ITEM	ALL MEMBER BANKS							
	1925	1930	1935	1940	1945	1949	1950	1951
Number of banks.....	9,489	8,052	6,387	6,486	6,884	6,892	6,873	6,840
ASSETS								
Loans and investments, total.....	30,884	34,860	29,985	37,126	107,183	101,528	107,424	112,247
Loans.....	21,996	23,870	12,175	15,321	22,775	30,230	44,705	49,561
Investments, total.....	8,888	10,989	17,810	21,805	84,408	65,297	62,719	62,687
U. S. Govt. obligations ¹	3,728	4,125	12,208	15,823	78,338	50,883	52,365	51,621
Other securities.....	5,160	6,864	5,641	5,982	6,070	8,414	10,355	11,065
Reserve with Federal Reserve Banks.....	2,238	2,475	5,673	13,092	15,811	10,420	17,450	19,012
Cash in vault.....	675	593	665	991	1,438	1,521	1,643	2,002
Balances with domestic banks ²	2,155	2,466	3,779	6,185	7,117	6,194	6,888	7,463
LIABILITIES								
Deposits, total.....	34,250	37,029	38,454	56,430	129,670	123,885	133,089	141,015
Interbank:								
Domestic banks ³	4,169	3,980	5,847	9,716	12,380	10,048	11,693	12,656
Foreign banks.....		784	449	706	1,260	1,449	1,755	1,768
U. S. Government ³	304	267	844	651	22,275	3,000	2,698	3,344
Postal savings.....	96	189	218	22	3	4	7	14
All other:								
Demand.....	19,124	18,796	21,056	33,213	69,640	79,791	87,783	92,867
Time.....	10,657	13,012	10,041	12,122	24,111	28,985	29,153	30,366
Demand deposits adjusted ⁴	15,943	15,869	18,801	30,420	64,184	72,658	78,370	83,100
Net demand deposits subject to reserve.....	19,260	18,960	22,169	35,262	70,918	81,263	87,160	92,770
Borrowings.....	740	513	14	3	208	11	79	26
Capital accounts.....	4,678	6,593	5,145	5,698	7,589	9,174	9,695	10,218

ITEM	NEW YORK ⁵			CHICAGO ⁵			RESERVE CITY BANKS			COUNTRY BANKS		
	1949	1950	1951	1949	1950	1951	1949	1950	1951	1949	1950	1951
Number of banks.....	25	23	22	13	13	13	341	336	321	6,513	6,501	6,484
ASSETS												
Loans and investments, total.....	19,583	20,612	21,379	5,424	5,569	5,731	38,301	40,685	42,694	38,219	40,568	42,444
Loans.....	7,560	9,729	11,146	1,618	2,083	2,468	14,370	17,906	18,651	12,692	14,988	16,296
Investments, total.....	12,033	10,883	10,233	3,806	3,487	3,263	23,931	22,779	23,043	25,527	25,670	26,148
U. S. Govt. obligations ¹	10,746	8,993	8,129	3,324	2,911	2,711	20,951	19,084	19,104	21,892	21,377	21,587
Other securities.....	1,287	1,890	2,104	482	576	552	2,980	3,695	3,949	3,635	4,193	4,561
Reserve with Federal Reserve Banks.....	4,462	4,693	5,246	1,183	1,216	1,407	6,413	6,806	7,582	4,371	4,745	5,676
Cash in vault.....	112	118	159	27	30	32	482	519	639	901	976	1,231
Balances with domestic banks ²	68	78	79	150	133	165	1,065	2,206	2,350	4,002	4,450	4,862
LIABILITIES												
Deposits, total.....	23,983	25,646	26,859	6,810	7,109	7,402	47,550	51,437	54,406	45,534	48,897	52,288
Interbank:												
Domestic banks ³	2,996	3,208	3,386	1,151	1,177	1,269	5,509	6,184	6,704	991	1,124	1,298
Foreign banks.....	1,190	1,430	1,447	40	51	38	204	264	273	9	10	11
U. S. Government ³	678	488	901	263	177	247	1,202	1,034	1,206	867	999	990
Postal savings.....							1	2	3		5	11
All other:												
Demand.....	17,400	18,836	19,400	4,277	4,604	4,710	29,040	32,366	34,094	28,074	31,077	34,572
Time.....	1,614	1,684	1,636	1,079	1,099	1,138	11,604	11,587	12,187	14,689	14,782	15,406
Demand deposits adjusted ⁴	15,182	15,898	16,439	3,797	3,954	4,121	25,744	27,988	29,489	27,935	30,581	33,051
Net demand deposits subject to reserve.....	19,835	20,642	21,734	5,088	5,220	5,506	30,610	33,114	35,160	25,729	28,184	30,371
Borrowings.....		70	5							11	9	16
Capital accounts.....	2,312	2,351	2,425	470	490	513	3,087	3,322	3,521	3,305	3,532	3,760

¹ Both direct and guaranteed obligations.

² Prior to Dec. 31, 1935, excludes balances with private banks to extent that such balances were reported in "Other assets." Prior to Dec. 31, 1933, excludes time balances with domestic banks which then amounted to \$62,000,000 and which, prior to that time, were reported in "Other assets." Beginning June 30, 1942, excludes reciprocal bank balances which on Dec. 31, 1942, aggregated \$513,000,000.

³ Beginning with 1940, includes U. S. Treasurer's time deposits, open account.

⁴ Demand deposits other than interbank and U. S. Government, less cash items reported as in process of collection and, prior to Dec. 31, 1935, less cash items reported on hand but not in process of collection.

⁵ Central reserve city banks only.

Source: Board of Governors of the Federal Reserve System. Figures published currently in *Federal Reserve Bulletin*.

No. 451.—FEDERAL RESERVE BANKS—PRINCIPAL ASSETS: 1920 TO 1951

[In thousands of dollars. See also *Historical Statistics*, series N 114-119, for data on all Federal Reserve Banks]

DEC. 31—	Total assets	Reserves	RESERVE BANK CREDIT OUTSTANDING				
			Total ¹	Loans and securities			
				Total ²	Discounts and advances	Acceptances purchased	U. S. Govt. securities
All F. R. banks:							
1920 (Dec. 20).....	6,254,105	2,250,400	3,354,632	3,234,828	2,687,393	200,406	287,020
1925.....	5,109,404	2,824,371	1,450,172	1,395,122	642,993	374,366	374,568
1930.....	5,200,648	3,081,517	1,373,332	1,351,852	251,398	303,844	729,407
1935.....	11,025,800	7,835,351	2,485,631	2,472,733	4,672	4,650	2,430,731
1940.....	23,261,866	20,036,582	2,274,219	2,194,553	2,915	—	2,184,100
1945.....	45,062,898	17,862,024	25,091,366	24,513,094	248,905	—	24,262,248
1948.....	50,042,871	22,966,080	24,097,367	23,556,383	222,805	—	23,332,746
1949.....	45,643,097	23,176,223	10,498,711	18,964,512	77,845	—	18,884,597
1950.....	47,172,314	21,457,632	22,215,951	20,847,518	67,305	—	20,777,567
1951.....	49,899,836	21,468,067	25,009,207	23,825,342	19,347	—	23,801,353
Boston:							
1948.....	2,654,852	811,205	1,598,848	1,552,815	13,068	—	1,539,747
1949.....	2,492,749	916,000	1,329,097	1,308,430	5,619	—	1,302,811
1950.....	2,643,116	846,109	1,514,612	1,428,870	125	—	1,428,745
1951.....	2,811,526	717,416	1,749,510	1,643,246	2,510	—	1,640,736
New York:							
1948.....	13,734,379	7,445,622	5,791,738	5,675,496	78,700	—	5,596,796
1949.....	12,442,438	7,299,934	4,598,939	4,498,838	23,377	—	4,475,461
1950.....	12,442,611	6,583,508	5,234,210	4,945,795	61,960	—	4,883,898
1951.....	13,276,342	6,866,931	5,819,335	5,511,103	2,505	—	5,503,485
Philadelphia:							
1948.....	2,972,021	1,071,266	1,723,572	1,684,920	17,495	—	1,666,653
1949.....	2,759,740	1,257,423	1,324,080	1,295,521	7,255	—	1,286,381
1950.....	2,874,305	1,180,843	1,468,477	1,384,042	8,640	—	1,378,193
1951.....	3,001,310	1,201,353	1,564,412	1,492,408	3,440	—	1,485,205
Cleveland:							
1948.....	4,114,242	1,517,496	2,331,580	2,254,617	17,707	—	2,236,910
1949.....	3,660,491	1,598,238	1,814,394	1,748,595	6,849	—	1,741,745
1950.....	3,973,060	1,544,103	2,100,031	1,921,225	149	—	1,921,075
1951.....	4,232,249	1,595,177	2,265,367	2,205,581	670	—	2,204,911
Richmond:							
1948.....	2,865,832	1,029,288	1,557,234	1,525,978	10,591	—	1,515,322
1949.....	2,690,007	1,139,423	1,285,824	1,218,247	5,806	—	1,212,335
1950.....	2,749,618	1,003,926	1,454,354	1,339,632	5,775	—	1,338,025
1951.....	2,940,268	904,835	1,634,616	1,571,970	2,340	—	1,569,545
Atlanta:							
1948.....	2,513,069	1,103,891	1,186,118	1,177,670	7,830	—	1,169,740
1949.....	2,309,532	1,035,551	1,044,273	1,015,339	2,879	—	1,012,460
1950.....	2,364,713	930,341	1,196,180	1,110,117	25	—	1,110,085
1951.....	2,539,983	972,358	1,339,755	1,274,563	300	—	1,273,084
Chicago:							
1948.....	8,390,235	4,477,949	3,471,977	3,361,082	28,157	—	3,332,925
1949.....	7,788,614	4,457,964	2,892,904	2,827,655	9,752	—	2,817,903
1950.....	8,194,781	4,280,458	3,376,992	3,142,930	106	—	3,142,824
1951.....	8,620,623	4,343,917	3,782,904	3,522,316	341	—	3,521,975
St. Louis:							
1948.....	2,206,953	714,563	1,317,566	1,295,617	7,345	—	1,288,272
1949.....	1,990,768	729,769	1,058,226	1,023,063	2,502	—	1,020,561
1950.....	2,016,164	631,080	1,206,107	1,138,113	500	—	1,137,613
1951.....	2,067,591	604,024	1,336,362	1,286,957	55	—	1,286,902
Minneapolis:							
1948.....	1,313,203	493,555	730,854	719,119	4,928	—	714,191
1949.....	1,154,445	446,586	628,681	613,216	1,787	—	611,351
1950.....	1,158,603	387,581	671,849	641,379	—	—	641,194
1951.....	1,216,459	350,279	777,159	749,487	—	—	749,353
Kansas City:							
1948.....	2,148,499	863,529	1,124,040	1,101,252	13,689	—	1,087,563
1949.....	1,969,087	863,246	938,506	916,812	3,402	—	913,410
1950.....	2,073,822	868,454	1,005,879	961,993	315	—	961,078
1951.....	2,126,006	775,121	1,182,327	1,118,498	7,096	—	1,111,402
Dallas:							
1948.....	1,824,412	601,004	1,081,879	1,063,881	6,464	—	1,057,417
1949.....	1,606,637	712,225	842,310	819,285	2,432	—	816,853
1950.....	1,807,252	648,078	988,699	940,787	—	—	940,737
1951.....	1,918,791	581,917	1,153,080	1,129,599	—	—	1,129,530
San Francisco:							
1948.....	5,304,274	2,836,712	2,181,361	2,144,036	16,831	—	2,127,205
1949.....	4,799,589	2,719,264	1,740,787	1,679,511	6,185	—	1,673,328
1950.....	4,874,270	2,573,061	1,998,552	1,892,635	—	—	1,892,635
1951.....	5,148,088	2,463,739	2,404,380	2,310,630	—	—	2,319,630

¹ Includes, in addition to total loans and securities, amounts due from foreign banks and Reserve bank float.² Includes municipal warrants, industrial loans, etc., not listed separately.Source: Board of Governors of the Federal Reserve System; *Banking and Monetary Statistics, Annual Report, and Federal Reserve Bulletin*. Figures published currently in *Federal Reserve Bulletin*.

NO. 452.—FEDERAL RESERVE BANKS—PRINCIPAL LIABILITIES: 1920 TO 1951

[Money figures in thousands of dollars. See also *Historical Statistics*, series N 120-123, for data on all Federal Reserve Banks]

DEC. 31—	Capital	Surplus ¹	DEPOSIT LIABILITY		Federal Reserve notes	Reserve percent- age ²
			Total	Member bank reserves		
All F. R. banks:						
1920 (Dec. 29).....	99,821	202,036	1,801,498	1,780,679	3,336,281	43.3
1925.....	117,237	220,310	2,257,388	2,212,098	1,838,164	69.0
1930.....	160,640	274,636	2,517,133	2,470,583	1,662,535	73.7
1935.....	130,512	169,736	6,385,809	5,587,208	3,709,074	77.7
1940.....	138,579	183,849	16,126,667	14,026,633	5,930,997	90.8
1945.....	177,095	385,783	18,190,610	15,914,950	24,649,132	41.7
1948.....	201,351	494,254	22,791,044	20,479,200	24,161,103	48.9
1949.....	210,891	515,716	18,906,232	16,568,088	23,482,646	54.7
1950.....	225,102	537,565	19,809,553	17,680,744	23,587,018	49.4
1951.....	236,613	565,885	21,191,576	20,055,716	25,064,109	46.4
Boston:						
1948.....	11,364	32,358	990,635	859,338	1,421,708	33.6
1949.....	12,001	33,789	837,096	711,482	1,397,144	41.0
1950.....	12,223	35,257	925,056	783,908	1,423,788	36.0
1951.....	12,986	37,203	918,961	873,755	1,525,817	29.3
New York:						
1948.....	69,333	150,338	7,526,363	6,701,274	5,582,297	56.8
1949.....	72,425	155,498	6,313,547	5,347,438	5,430,282	62.2
1950.....	73,383	160,609	6,323,274	5,665,077	5,342,041	56.4
1951.....	75,472	167,062	6,050,970	6,368,672	5,588,434	54.7
Philadelphia:						
1948.....	14,681	41,193	1,112,961	951,233	1,662,531	38.6
1949.....	15,084	42,694	918,064	788,335	1,632,189	49.3
1950.....	15,675	44,199	956,671	822,286	1,665,849	45.0
1951.....	16,765	45,982	964,916	912,100	1,769,888	43.9
Cleveland:						
1948.....	19,073	44,074	1,685,327	1,510,027	2,144,650	39.6
1949.....	19,432	46,963	1,331,846	1,185,987	2,050,079	47.3
1950.....	22,001	49,020	1,500,498	1,323,910	2,112,367	42.7
1951.....	22,498	51,654	1,536,281	1,471,670	2,286,836	41.7
Richmond:						
1948.....	8,717	25,766	955,906	848,901	1,657,802	39.4
1949.....	9,223	27,128	851,278	708,359	1,580,160	46.9
1950.....	9,845	28,516	861,045	750,834	1,616,465	40.5
1951.....	10,383	30,374	881,188	848,064	1,785,153	37.3
Atlanta:						
1948.....	7,874	20,790	979,756	874,451	1,320,272	47.8
1949.....	8,240	21,956	798,992	685,366	1,290,999	49.5
1950.....	8,954	23,131	869,026	740,422	1,276,091	43.6
1951.....	9,711	24,633	947,769	915,868	1,382,155	41.8
Chicago:						
1948.....	26,480	70,271	3,332,811	3,121,362	4,598,426	56.5
1949.....	26,885	73,458	2,800,823	2,627,072	4,501,280	61.1
1950.....	28,698	76,774	2,797,776	2,797,828	4,559,960	56.1
1951.....	30,375	81,030	3,337,186	3,227,710	4,764,081	53.6
St. Louis:						
1948.....	6,693	18,495	894,241	776,122	1,144,264	35.1
1949.....	6,894	19,630	700,997	611,854	1,090,460	40.7
1950.....	7,398	20,816	740,075	651,163	1,097,441	34.3
1951.....	8,366	22,309	775,637	740,738	1,167,160	31.1
Minneapolis:						
1948.....	4,472	12,870	599,518	506,653	631,349	40.1
1949.....	4,709	13,567	455,065	394,920	612,217	41.8
1950.....	5,073	14,241	441,571	391,855	610,643	36.8
1951.....	5,363	15,130	490,145	464,389	632,029	31.2
Kansas City:						
1948.....	6,968	18,145	1,048,626	942,409	939,231	43.4
1949.....	7,379	19,182	876,890	768,824	918,194	48.1
1950.....	8,306	20,184	946,577	837,399	919,844	46.5
1951.....	8,886	21,504	978,474	952,300	972,743	39.7
Dallas:						
1948.....	7,852	16,261	1,063,569	967,561	623,721	35.6
1949.....	8,456	17,180	913,455	814,892	640,274	45.8
1950.....	9,610	18,159	990,138	891,215	639,322	39.8
1951.....	10,712	19,517	1,035,411	1,011,045	702,162	33.5
San Francisco:						
1948.....	18,344	42,793	2,601,331	2,419,869	2,425,852	56.4
1949.....	20,163	44,692	2,107,579	1,923,559	2,339,368	61.1
1950.....	23,936	46,659	2,233,846	2,025,147	2,322,307	56.5
1951.....	25,096	49,481	2,368,629	2,269,415	2,487,651	50.7

¹ Includes surplus sec. 13b beginning December 1935.² Ratio of reserves (shown in table 451) to aggregate of total deposit and Federal Reserve note liabilities.Source: Board of Governors of the Federal Reserve System; *Banking and Monetary Statistics, Annual Report*, and *Federal Reserve Bulletin*. Figures published currently in *Federal Reserve Bulletin*.

NO. 453.—FEDERAL RESERVE BANKS—DISCOUNT RATES¹ IN EFFECT JAN. 1, 1935, AND CHANGES TO DEC. 31, 1951

[Percent per annum]

MONTH ESTABLISHED	Boston	New York	Philadelphia	Cleveland	Richmond	Atlanta	Chicago	St. Louis	Minneapolis	Kansas City	Dallas	San Francisco
DISCOUNTS FOR AND ADVANCES TO MEMBER BANKS UNDER SECS. 13 AND 13(a) OF FEDERAL RESERVE ACT ²												
In effect Jan. 1, 1935.	2	1½	2½	2	3	2½	2½	2½	3	2½	3	2
1935—Jan.			2		2½	2	2	2	2½	2	2½	
May		1		1½	1½	1½	1½		1½	2	1½	
1937—Aug.			1½					1½		1½		1½
Sept.	1½					(³)	(³)	(³)		(³)	(³)	
1939—Sept.	1						1					
1942—Feb.			1		1	1		1	1		1	
Mar.										1		1
Apr.				1					(⁴)	(⁴)	(⁴)	(⁴)
Oct.	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
1948—Jan.	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½
Aug.	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½
1950—Aug.	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½
In effect Dec. 31, 1951	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½
ADVANCES TO MEMBER BANKS UNDER SEC. 10(b) OF FEDERAL RESERVE ACT ⁵												
In effect Jan. 1, 1935.	4	4	4	4	4½	4½	4	4½	5	4	4	4
1935—Jan.		2½				4				2½		
Aug.					2½	2½	2½					2½
Sept.	2½			2				2½	2½		2½	
Oct.		2										
Nov.			2½									
1937—Aug.					2	2	2	2	2	2	2	
Sept.	2		2					1½				2
1942—Mar.							1½					
Aug.				1½								
Sept.												
Oct.	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½
1948—Jan.	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½
Aug.	2	2	2	2	2	2	2	2	2	2	2	2
1950—Aug.	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½
In effect Dec. 31, 1951	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½
ADVANCES TO INDIVIDUALS, PARTNERSHIPS, AND CORPORATIONS (EXCEPT MEMBER BANKS), SECURED BY DIRECT OBLIGATIONS OF U. S. (last par. sec. 13 of Federal Reserve Act)												
In effect Jan. 1, 1935.	4	3½	4	4	4	4	4	4½	4½	4	4	4
1935—Feb.								4				
May				3½						3½		
1938—Apr.	2½					2½				2½		
Oct.									3			
1939: To banks—												
Aug.		1	1½	1½	1½	1	1	1	1½	1	1	1½
Sept.	1											
To others—			2½									
Sept.												
1942: To banks—			1		1				1			
Mar.				1								1
Apr.												
To others—								3				
Mar.								2				
Oct.	2	2½	2	2	2½	2	2	2	2½	2	2	2½
1946—Mar.	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	2	(¹)	(¹)	(¹)
Apr.												
1948—Jan.	2½					2½	2½	2½	2½	2½		
Feb.											2½	
Aug.			2½	2½			2½		2½			
1950—Aug.			2½	2½	2½	2½	2½	2½	2½	2½	2½	2½
In effect Dec. 31, 1951	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½

¹ For rates for 1914 to 1921, see Statistical Abstract 1928, table 240; for 1922 to 1932, Statistical Abstract 1933, table 232; for 1933 and 1934, Statistical Abstract 1942, table 268. For rates on industrial advances authorized by sec. 13b of Federal Reserve Act, which are not shown in this table, see source.

² 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.

³ 1 percent on advances secured by Government obligations.

⁴ ½ percent on advances secured by Government obligations maturing or callable in 1 year or less. This preferential rate eliminated in April and May 1946.

⁵ Advances secured to satisfaction of Federal Reserve Bank.

⁶ Rate of 2½ percent to other lenders (than banks) in effect until Apr. 11, 1942.

⁷ Separate rate to banks eliminated.

Source: Board of Governors of the Federal Reserve System; *Banking and Monetary Statistics, Annual Report*, and *Federal Reserve Bulletin*. Figures published currently in *Federal Reserve Bulletin*.

No. 454.—NATIONAL BANKS—ASSETS AND LIABILITIES: 1949 AND 1950

[Money figures in thousands of dollars. Includes banks in Alaska, Hawaii, and Virgin Islands]

ASSETS AND LIABILITIES	1949 (Dec. 31)	1950 (Dec. 30)				
		All banks	Central reserve cities	Other re- serve cit- ies	Country banks	Non- member banks ¹
Number of banks.....	4,981	4,965	16	224	4,718	7
Assets, total.....	90,239,179	97,240,093	18,025,131	41,842,073	37,108,080	264,809
Loans and securities, total.....	68,136,043	72,300,103	13,041,237	30,677,369	28,371,213	210,284
Loans and discounts, including overdrafts.....	23,928,293	29,277,480	5,357,382	13,607,363	10,218,844	93,891
U. S. Government securities, direct obligations.....	38,268,473	35,687,933	6,157,253	14,254,620	15,171,040	105,011
Obligations guaranteed by U. S. Gov't ²	2,060	3,027		429	3,207	
Obligations of States and political subdivisions.....	3,747,200	4,687,048	865,267	1,700,652	2,112,558	8,571
Other bonds, notes, and debentures.....	2,023,542	2,468,442	613,611	1,044,104	807,917	2,810
Corporate stocks, including stock of Federal Reserve Banks.....	100,485	175,573	47,724	70,201	57,647	1
Cash in vault.....	1,059,603	1,147,009	64,950	371,278	693,328	17,504
Reserve with Federal Reserve Banks.....	10,757,111	11,420,505	2,884,877	5,135,612	3,375,239	24,877
Balances with other banks and cash items.....	9,228,184	11,245,861	1,806,681	5,143,918	4,286,958	8,304
Other assets.....	1,058,178	1,126,555	227,377	613,996	381,342	3,840
Liabilities and capital accounts, total.....	90,239,179	97,240,093	18,025,131	41,842,073	37,108,080	264,809
Deposits, total.....	83,344,318	89,529,632	16,006,141	38,823,384	34,451,732	248,375
Demand deposits of individuals, partnerships, and corporations.....	47,352,731	52,051,784	10,236,615	21,697,430	20,034,671	88,068
Time deposits of individuals, partnerships, and corporations.....	18,954,970	19,010,542	1,464,195	7,812,363	9,631,021	102,963
Deposits of U. S. Government and postal savings.....	2,030,693	1,010,944	356,108	809,234	710,464	35,138
Deposits of States and polit. subdivisions.....	5,423,285	5,707,194	879,240	2,639,136	2,672,542	22,270
Deposits of banks.....	8,279,078	9,135,365	3,031,951	6,193,157	908,024	2,293
Other deposits (certified and cashiers' checks, etc.).....	1,302,961	1,713,808	538,026	678,064	495,010	2,703
Other liabilities.....	900,520	1,381,472	716,453	407,773	166,311	936
Capital stock.....	1,916,340	2,001,650	417,538	796,392	752,875	4,875
Surplus.....	2,639,440	2,925,104	653,988	1,181,064	1,053,732	6,300
Undivided profits.....	1,067,664	1,124,223	190,820	437,991	493,750	1,662
Reserves.....	310,897	278,012	40,191	105,499	129,660	2,662

¹ National banks in Alaska, Hawaii, and Virgin Islands.² Federal Housing Administration debentures. ³ Reserve with approved national banking associations.Source: Treasury Department, Comptroller of the Currency; *Abstract of Reports of Condition of National Banks*.

No. 455.—FEDERAL RESERVE SYSTEM, MEMBER BANK RESERVE REQUIREMENTS: 1917 TO 1951

[Percent of deposits. See also *Historical Statistics*, series N 131-134]

EFFECTIVE DATE OF CHANGE	NET DEMAND DEPOSITS ¹				Time de- posits (all mem- ber banks)		EFFECTIVE DATE OF CHANGE	NET DEMAND DEPOSITS ¹				Time de- posits (all mem- ber banks)	
	Central re- serve city banks	Re- serve city banks	Country banks					Central re- serve city banks	Re- serve city banks	Country banks			
June 21, 1917.....	13	10	7	3			May 5, 1949.....	24	21			3 7	
Aug. 16, 1936.....	19 1/4	15	10 1/2	4 1/4			June 30, 1949.....		20			3 6	
Mar. 1, 1937.....	22 3/4	17 1/2	12 3/4	5 1/4			July 1, 1949.....			14		2 6	
May 1, 1937.....	26	20	14	6			Aug. 1, 1949.....	23 1/2	19 1/2			3 5	
Apr. 16, 1938.....	22 3/4	17 1/2	12	5			Aug. 11, 1949.....			12		2 5	
Nov. 1, 1941.....	26	20	14	6			Aug. 16, 1949.....	23	19				
Aug. 20, 1942.....	24						Aug. 18, 1949.....	22 1/2	18 1/2				
Sept. 14, 1942.....	22						Aug. 26, 1949.....	22	18 1/2				
Oct. 3, 1942.....	20						Sept. 1, 1949.....	22	18				
Feb. 27, 1948.....	22						Jan. 1, 1951.....	23	19			3 6	
June 11, 1948.....	24						Jan. 16, 1951.....			13		2 6	
Sept. 16, 1948.....			16	7 1/2			Jan. 25, 1951.....	24	20				
Sept. 24, 1948.....	26	22		7 1/2			Feb. 1, 1951.....			14			
May 1, 1949.....			15	2 7			Ineffect Dec. 31, 1951.....	24	20	14		6	

¹ Demand deposits subject to reserve requirements, i. e., 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 period Apr. 13, 1943-June 30, 1947, and all U. S. Government demand accounts Apr. 24, 1917-Aug. 13, 1935).² Requirement became effective at country banks.³ Requirement became effective at central reserve and reserve city banks.Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*.

No. 456.—NATIONAL BANKS—SUMMARY, BY STATES AND OTHER AREAS: DEC 30, 1950

[Money figures in thousands of dollars]

REGION, STATE, OR OTHER AREA	Number of banks	Total assets or liabilities	SELECTED ASSETS				SELECTED LIABILITIES			
			Loans and dis- counts, includ- ing over- drafts	U. S. Govern- ment and other se- curities	Cash and balances with other banks 1	Capital, surplus, undiv- ided profits, and re- serve	Deposits			Time (incl. postal savings)
							Total	Demand		
Total	4,965	97,240,098	29,277,480	43,022,623	23,813,435	6,328,989	89,529,632	69,332,926		20,196,706
New England	292	5,175,468	1,657,209	2,216,943	1,221,130	407,474	4,701,537	3,868,516		833,021
Maine	32	241,200	77,204	112,779	49,361	23,892	216,129	137,229		78,900
New Hampshire	51	214,736	73,006	84,129	55,596	20,983	193,170	160,983		42,157
Vermont	30	146,772	54,297	60,056	30,628	14,503	131,118	67,504		63,614
Massachusetts	116	3,301,046	1,120,524	1,408,347	795,757	265,414	3,099,906	2,016,308		453,598
Rhode Island	7	286,012	97,025	123,256	62,044	22,808	201,140	228,283		22,857
Connecticut	47	865,612	228,553	428,377	227,742	69,879	830,974	698,209		171,895
Eastern	1,291	26,804,729	7,841,468	12,382,526	6,211,459	2,122,808	23,914,682	18,761,130		5,153,452
New York	376	14,706,071	4,650,990	6,201,292	3,617,523	1,112,713	12,895,125	11,050,390		1,844,735
New Jersey	205	2,706,515	694,831	1,484,137	494,864	173,300	2,519,601	1,489,098		1,033,503
Pennsylvania	627	7,789,907	2,114,115	3,881,928	1,702,498	735,734	7,004,636	5,011,262		1,993,374
Delaware	13	46,640	15,051	22,453	8,546	5,835	40,702	27,880		12,813
Maryland	61	798,057	174,224	413,706	201,875	55,094	740,382	574,072		166,310
Dist. of Columbia	9	767,493	183,547	379,010	186,003	40,132	713,636	611,419		102,217
Southern	1,178	17,243,184	5,309,365	6,661,892	5,060,740	1,010,384	16,131,888	13,719,209		2,412,679
Virginia	132	1,202,009	420,208	506,833	310,744	90,914	1,104,637	821,087		283,550
West Virginia	74	557,565	145,219	204,274	142,405	41,061	514,026	385,829		128,197
North Carolina	40	546,008	172,682	210,977	150,085	32,907	509,025	418,240		91,385
South Carolina	26	464,901	133,009	196,421	121,538	24,246	427,489	374,829		52,660
Georgia	51	1,035,043	421,882	339,628	311,011	60,848	1,016,105	862,413		153,692
Florida	62	1,458,362	317,872	720,008	400,817	88,011	1,302,916	1,152,408		210,508
Alabama	70	1,049,036	320,132	435,880	271,478	67,905	972,088	778,023		194,065
Mississippi	24	235,487	57,707	107,972	67,471	13,494	221,271	175,364		45,907
Louisiana	36	1,840,751	331,320	619,305	309,749	66,437	1,293,402	1,077,165		186,237
Texas	442	6,467,275	2,071,460	2,185,751	2,122,724	354,492	6,076,005	5,653,425		642,580
Arkansas	62	481,940	113,488	216,890	148,810	31,101	449,319	390,878		58,432
Kentucky	92	699,365	199,491	307,202	180,594	46,045	650,461	543,766		106,696
Tennessee	72	1,005,770	505,705	550,761	442,358	92,243	1,504,652	1,205,782		298,770
Middle Western	1,277	26,098,583	6,796,195	12,544,317	6,554,912	1,516,916	24,432,182	18,653,086		5,779,095
Ohio	241	4,025,022	1,084,020	1,657,740	942,894	240,322	3,756,394	2,718,332		1,038,062
Indiana	125	1,950,250	435,558	1,008,744	496,072	110,303	1,838,147	1,400,968		437,179
Illinois	384	10,169,114	2,570,152	4,071,971	2,552,400	618,402	9,555,113	7,417,837		2,077,256
Michigan	78	3,200,203	801,705	1,080,141	755,598	154,548	3,083,428	2,208,448		874,980
Wisconsin	95	1,600,280	344,644	843,391	397,166	94,210	1,500,021	1,202,188		277,833
Minnesota	178	2,288,860	600,367	956,078	556,533	139,515	2,099,026	1,613,207		485,819
Iowa	97	863,462	226,405	390,508	240,021	48,321	813,187	666,439		146,748
Missouri	70	1,069,662	628,104	735,828	581,108	105,280	1,846,873	1,007,647		239,226
Western	739	5,925,669	1,568,782	2,634,276	1,679,833	342,811	5,561,462	4,878,600		682,862
North Dakota	41	272,104	65,815	149,950	63,196	14,081	256,589	189,476		67,113
South Dakota	36	278,345	78,599	135,911	60,838	14,188	262,471	212,466		50,005
Nebraska	124	1,047,720	283,107	459,826	297,937	58,809	983,081	883,203		102,878
Kansas	174	1,062,162	272,266	444,433	270,041	57,069	942,163	859,546		82,617
Montana	39	310,679	65,756	104,839	37,305	13,130	295,870	246,286		49,584
Wyoming	24	199,614	51,002	91,030	55,293	10,357	188,412	158,036		30,377
Colorado	77	908,414	255,166	438,497	270,174	57,131	907,387	745,715		161,672
New Mexico	26	278,473	83,923	102,071	60,095	15,453	282,246	227,761		54,485
Oklahoma	199	1,568,658	411,009	647,149	496,524	102,508	1,460,243	1,356,112		104,131
Pacific	181	15,727,661	6,010,570	6,466,276	3,034,676	913,097	14,540,105	9,316,407		5,223,699
Washington	36	1,853,497	624,987	768,500	440,634	106,527	1,737,630	1,205,811		441,819
Oregon	20	1,334,995	456,798	570,974	284,043	78,043	1,245,769	914,625		332,174
California	93	11,341,061	4,404,816	4,949,872	2,065,208	666,325	10,429,714	6,243,441		4,181,273
Idaho	13	350,871	128,175	151,007	67,932	17,475	331,442	255,168		76,274
Utah	11	320,734	118,320	118,898	70,467	16,814	300,790	230,086		60,701
Nevada	5	153,989	46,542	70,756	26,626	9,093	133,711	93,210		50,495
Arizona	3	372,874	168,934	126,614	70,706	18,220	350,020	278,160		71,860
Alaska	5	56,786	12,874	27,212	16,364	2,939	53,792	37,101		16,691
Hawaii	1	203,324	79,690	86,603	33,569	12,174	100,303	96,605		93,698
Virgin Islands	1	4,009	1,318	2,678	752	386	4,280	2,272		2,008

1 Includes reserves with Federal Reserve banks and cash items in process of collection.

Source: Treasury Department, Comptroller of the Currency; *Annual Report and Abstract of Reports of Condition of National Banks.*

No. 457.—NATIONAL BANKS—NUMBER, CAPITAL STOCK, CAPITAL FUNDS, EARNINGS AND EXPENSES: 1929 to 1950

[Money figures in thousands of dollars. Figures for previous years published in Comptroller of Currency annual report for 1933, p. 115. See also *Historical Statistics*, series N 60-67]

YEAR ENDING DEC. 31	Num- ber of banks	CAPITAL STOCK (PAR VALUE) ¹			Capital funds ¹	Gross earnings	Expenses ²	Net cur- rent earnings	Net losses including depreca- tion (-) or net re- coveries (+) ³	Net profits before dividends	DIVIDENDS			NET PROFITS RE- FORE DIVIDENDS	
		Total	Preferred	Common							On pre- ferred stock	On common stock	Ratio to capi- tal stock		Ratio to capi- tal funds
											Cash	Stock			
1929	7,408	1,650,574	---	1,650,574	3,754,398	1,406,544	983,403	418,141	-126,197	291,944	---	226,862	21,235	17.69	7.78
1930	7,038	1,724,028	---	1,724,028	3,919,950	1,325,404	989,842	355,562	-177,151	158,411	---	211,272	5,015	9.19	4.04
1931	6,373	1,680,780	---	1,680,780	3,753,412	1,153,145	850,042	303,193	-357,653	454,560	---	193,196	8,827	4.26	4.86
1932	6,016	1,597,037	---	1,597,037	3,323,536	1,000,226	750,210	250,016	-414,733	416,737	---	133,381	4,103	4.96	4.86
1933	5,159	1,600,303	---	1,600,303	2,981,678	801,525	565,133	236,332	-522,508	4,293,116	---	71,105	559	4.77	4.60
1934	5,467	1,709,043	349,470	1,359,573	3,085,776	808,776	557,957	251,109	-404,590	4,533,431	---	80,915	1,207	8.88	4.51
1935	5,392	1,791,324	510,511	1,280,813	3,084,062	794,156	549,148	245,008	-86,517	4,581,491	---	94,377	4,409	5.14	5.14
1936	5,331	1,706,528	447,501	1,259,027	3,143,029	824,933	565,013	259,920	+53,906	313,826	---	101,350	16,019	18.39	9.98
1937	5,266	1,591,738	305,842	1,285,896	3,206,194	859,094	586,221	272,873	-44,352	228,021	---	110,231	26,572	14.32	7.11
1938	5,230	1,577,738	267,495	1,310,243	3,231,819	837,857	577,272	260,585	-61,936	198,649	---	113,347	19,795	12.59	6.05
1939	5,193	1,561,521	241,075	1,320,446	3,330,749	843,419	581,254	267,155	-15,579	251,576	---	122,267	8,309	16.11	7.44
1940	5,150	1,532,315	204,244	1,328,071	3,463,862	864,749	599,444	265,305	-23,840	241,465	---	125,174	12,009	15.76	6.97
1941	5,123	1,523,454	182,056	1,341,398	3,596,865	925,633	641,648	284,015	-14,720	269,295	---	124,805	14,965	17.68	7.49
1942	5,067	1,511,123	156,739	1,354,384	3,684,832	962,837	695,034	297,803	-24,460	243,343	---	121,177	8,944	16.10	6.60
1943	5,046	1,508,170	135,713	1,372,457	3,800,443	1,061,783	746,434	315,339	+35,128	330,457	---	41,373	23,24	28.24	9.08
1944	5,031	1,551,116	110,597	1,440,519	4,114,972	1,206,263	846,084	360,179	+51,665	411,844	---	139,012	33,900	26.55	10.01
1945	5,023	1,616,884	80,672	1,536,212	4,487,718	1,349,222	987,254	361,968	+128,165	490,133	---	151,825	77,308	30.31	10.97
1946	5,013	1,699,833	53,202	1,646,631	4,893,038	1,573,514	1,137,564	435,950	+58,948	494,898	---	28,167	28,165	29.11	10.11
1947	5,011	1,769,205	32,829	1,736,376	5,293,267	1,724,534	1,263,497	461,337	-8,354	452,983	---	182,147	23,480	23.60	8.56
1948	4,997	1,804,480	25,128	1,779,352	5,545,993	1,900,471	1,300,750	493,721	-115,964	423,767	---	192,603	36,691	23.43	7.64
1949	4,981	1,884,352	20,979	1,863,373	5,811,044	2,004,806	1,442,306	562,500	-87,619	474,881	---	203,644	86,964	25.20	8.74
1950	4,965	1,965,977	16,079	1,949,898	6,152,799	2,192,713	1,592,538	600,155	-62,645	537,610	---	228,792	47,069	27.35	8.74

¹ Averages of amounts from reports of conditions made in each year.² Including income tax.³ Difference between "recoveries and profits" and "losses and charge-offs."⁴ Deficit.⁵ Licensed banks, i. e., those operating on an unrestricted basis.Source: Treasury Department, Comptroller of the Currency, *Annual Report*.

No. 458.—NATIONAL BANKS—LOANS AND SECURITIES, BY CLASS, AS OF DEC. 31, 1930 TO 1950

[In millions of dollars]

CLASS	1930	1935	1940	1945	1949	1950 (Dec. 30)
Loans and discounts, total¹	14,369.4	7,508.8	10,027.8	13,948.0	23,928.3	29,277.5
Commercial and industrial loans, including open-market paper.....	(²)	(²)	4,318.4	5,681.8	10,389.2	13,401.9
Agricultural loans.....	(²)	(²)	729.0	707.2	1,566.0	1,425.5
Loans to brokers and dealers in securities.....	992.7	426.2	274.1	1,424.4	770.7	725.5
Other loans for the purpose of purchasing or carrying stocks, bonds, and other securities.....	(²)	(²)	369.4	1,094.1	412.8	523.9
Real estate loans:						
On farm land (including improvements).....	301.7	209.0	234.1	193.2	340.8	370.9
On residential property (other than farm).....	1,274.5	1,111.2	1,371.6	1,623.6	4,561.2	5,461.1
On other properties.....			491.5	389.7	1,036.7	1,146.2
Loans to banks.....	413.7	63.6	22.7	26.5	34.7	39.8
All other loans, including overdrafts.....	11,386.8	5,698.8	2,217.1	1,907.6	5,117.7	6,570.8
Less valuation reserves.....					511.6	388.1
Securities, total	7,092.1	11,477.5	13,668.0	55,611.6	44,207.8	43,022.6
U. S. Government direct obligations.....	2,654.8	6,554.8	7,658.5	51,460.0	38,268.5	35,637.9
Obligations guaranteed by U. S.....		1,257.3	2,094.1	7.7	2.1	3.6
Obligations of States and political subdivisions.....	1,107.9	1,452.9	2,008.5	2,341.7	3,747.2	4,637.0
Other bonds, notes, and debentures.....	3,076.2	1,996.2	1,094.1	1,656.9	2,023.5	2,468.4
Corporate stocks.....	212.5	216.3	212.9	145.3	166.5	175.6
Claims, judgments, etc.....	40.7					

¹ Includes overdrafts.² Net loans. Figures for various loan items are reported gross, i. e., before deduction of valuation reserves, and are not entirely comparable with prior years.³ Not available.Source: Treasury Department, Comptroller of the Currency; *Annual Report* and *Abstract of Reports of Condition of National Banks*.

No. 459.—NATIONAL BANKS—FIDUCIARY ACTIVITIES: 1930 TO 1950

[Money figures, except averages, in millions of dollars]

ITEM	1930 (June 30)	1935 (June 30)	1940 (June 30)	1945 (Dec. 31)	1949 (Dec. 31)	1950 (Dec. 30)
Banks authorized to exercise fiduciary powers:						
Number, total.....	2,472	1,932	1,877	1,788	1,777	1,774
Number exercising powers.....	1,829	1,578	1,540	1,504	1,510	1,518
Number having authority but not exercising powers.....	643	354	337	284	267	256
Assets, total.....	23,520.1	22,543.5	32,307.2	70,015.8	75,699.1	81,969.8
Trusts, individual, total number	79,012	129,711	137,629	153,833	179,190	191,874
Living trusts.....	(¹)	69,162	71,062	81,727	97,081	107,139
Court trusts.....	(¹)	60,549	66,567	72,106	81,509	84,735
Trusts assets, individual, total value	4,473.0	9,251.3	9,345.4	15,764.8	21,587.2	34,597.2
Investments, total.....	3,705.9	8,342.0	7,492.5	12,031.8	17,070.9	18,369.0
Bonds.....	(¹)	4,066.3	3,790.8	8,082.4	11,149.3	11,584.4
Stocks.....	(¹)	2,442.4	2,310.1	2,823.1	4,089.3	4,214.8
Real-estate mortgages.....	(¹)	663.0	518.6	336.5	553.4	752.8
Real estate.....	(¹)	597.6	552.5	465.1	571.7	698.0
Miscellaneous.....	(¹)	571.8	320.5	324.7	697.2	838.9
Deposits in savings banks.....	8.7	20.2				
Deposits in own banks.....	153.5	354.3	526.7	740.2	891.2	1,048.0
Deposits in other banks.....	15.8	8.3				
Other assets.....	589.1	526.5	1,326.2	2,983.8	3,625.1	15,150.2
Trusts, corporate, number	11,611	16,801	16,273	18,507	23,085	25,396
Bond issues outstanding, bank acting as trustee	11,803.7	11,005.1	9,817.7	8,195.1	12,103.6	16,049.8
Gross earnings of trust departments reporting fees	22.8	26.5	31.7	(¹)	(¹)	(¹)
Average per trust ²	\$248	\$184	\$206	\$236	\$208	\$322
Average per trust department ²	\$14,839	\$18,723	\$22,742	\$28,504	\$41,621	\$48,256

¹ No data available. ² Based on earnings of banks reporting trust earnings.Source: Treasury Department, Comptroller of the Currency; *Annual Report*.

No. 460.—RECONSTRUCTION FINANCE CORPORATION—DISBURSEMENTS, REPAYMENTS AND OTHER REDUCTIONS, AND OUTSTANDING BALANCES FOR PERIOD ENDING DECEMBER 31, 1951

[In thousands]

CHARACTER OF LOAN	1951 (Jan. 1-Dec. 31)		Outstanding balances, Dec. 31, 1951
	Disbursements	Repayments and other reductions	
Total	\$202,573	\$265,051	\$830,777
Industrial and commercial enterprises	190,322	178,884	447,002
Business loans (including mining loans)	158,880	172,009	390,289
Direct loans (including mortgage loans-direct)	138,955	144,717	334,426
Immediate participations	16,678	20,193	40,766
Deferred participations:			
Blanket participation agreements	681	3,499	5,574
Small loan participations	1,519	2,019	4,135
Regular participations	1,048	1,682	5,388
National defense loans—Section 5 (d) (2) (including mining loans)		3,100	29,015
Direct loans		3,078	28,997
Immediate participations		16	31
Deferred participations		6	18
Business loans under Section 302 DPA	31,442	3,774	27,667
Direct loans	31,442	3,744	27,667
Railroads—loans and securities purchased		9,265	98,611
Financial institutions		18,215	84,369
Purchases of preferred stock, capital notes and debentures of banks and trust companies		18,124	76,044
Loans on preferred stock of banks and trust companies		16	118
Loans on preferred stock of insurance companies		73	8,182
Loans to mortgage loan companies, insurance companies and other		2	26
Political subdivisions of States and territories	1,909	5,919	18,509
Public agency loans (including national defense)	1,900	1,270	6,923
Drainage, levee and irrigation		1,482	5,857
Municipal securities purchased from FWA		3,167	5,720
Mortgages partially guaranteed by Veterans' Administration		13,264	78,162
Mortgages insured by Federal Housing Administration		198	285
Mortgage loans acquired from Defense Homes Corporation (less equity of U. S. Treasury of \$13,852,756)		934	30,725
Catastrophe	10,342	1,820	13,112
Direct loans	10,038	1,261	12,867
Immediate participations	304	59	245
Carrying and marketing of agricultural commodities		44	
Loans to foreign governments		37,008	60,000
Loans to United Kingdom of Great Britain and Northern Ireland (less repayments)		37,008	
Republic of the Philippines			60,000

Source: Reconstruction Finance Corporation, records.

No. 461.—POSTAL SAVINGS BUSINESS—SUMMARY, AS OF JUNE 30: 1930 TO 1951

[Data include Alaska, Hawaii, Puerto Rico, and Virgin Islands. See also *Historical Statistics*, series N 109-113]

ITEM	1930	1935	1940	1945	1949	1950	1951
Depositories in operation, total	6,795	8,111	7,980	8,050	8,195	8,235	8,247
Offices	5,998	7,301	7,172	7,162	7,213	7,215	7,208
Branches and stations	797	810	808	888	982	1,020	1,039
Deposits (\$1,000)	159,959	944,960	923,266	1,730,341	1,947,238	1,827,913	1,603,327
Withdrawals (\$1,000)	138,332	938,017	892,149	1,113,902	2,048,995	2,007,999	1,912,444
Balance to credit of depositors, June 30 (\$1,000)	175,272	1,204,863	1,293,409	2,659,575	3,277,402	3,097,316	2,788,199
Increase or decrease:							
Amount (\$1,000)	21,627	6,943	31,117	625,438	-101,728	-180,086	-309,117
Percent	14.1	.6	2.5	30.7	-8.0	-5.5	-10.0
Number of depositors, June 30	406,401	2,598,301	2,810,458	3,921,937	3,964,509	3,779,784	3,520,527
Average principal per depositor	\$370	\$404	\$400	\$678	\$827	\$819	\$790
Balance on deposit in banks, June 30 (\$1,000)	148,255	384,510	43,132	7,904	6,680	9,507	22,509

¹ Includes account shown on balance sheet as unclaimed.Source: Post Office Department, Office of the Postmaster General; *Operations of the Postal Savings System*.

No. 462.—ESTIMATED SAVINGS OF INDIVIDUALS IN SELECTED MEDIA: 1920 TO 1951

[In millions of dollars]

DEC. 31—	Total	Savings and loan assets ¹	Life insurance companies ²	Mutual savings banks ³	Commercial banks ⁴	Postal savings ⁵	U. S. savings bonds ⁶	Net increase during year
1920.....	23,508	1,741	5,488	4,806	10,546	166	761	-----
1925.....	30,580	3,811	8,592	7,349	16,314	138	376	3,217
1929.....	47,169	6,237	12,801	8,797	19,165	169	-----	1,346
1930.....	48,267	6,206	13,090	9,384	18,647	250	-----	1,098
1933.....	41,077	4,750	14,613	9,506	10,979	1,229	-----	-1,474
1935.....	46,567	4,254	17,203	9,829	12,899	1,229	153	2,528
1939.....	55,703	4,118	23,024	10,481	14,865	1,315	1,900	2,724
1940.....	59,148	4,322	24,663	10,618	15,403	1,342	2,890	3,445
1941.....	64,079	4,582	26,502	10,490	15,523	1,392	5,400	4,031
1944.....	116,326	6,305	34,212	13,332	23,871	2,406	36,200	22,222
1945.....	136,048	7,365	37,509	15,332	29,929	3,013	42,900	19,722
1946.....	147,100	8,548	40,713	16,813	33,447	3,370	44,200	11,052
1947.....	155,734	9,763	43,820	17,744	34,694	3,523	46,200	8,634
1948.....	162,700	10,064	47,139	18,385	34,970	3,442	47,800	6,966
1949.....	169,718	12,471	50,231	19,269	35,145	3,302	49,300	7,018
1950.....	175,445	13,978	53,630	20,022	35,200	3,035	49,600	5,727
1951 (prel.).....	(7)	16,079	57,000	20,900	(7)	2,800	49,000	(7)

¹ Estimated private investments in savings and loan associations, including deposits and investment securities. Excludes shares pledged against mortgage loans. Source: Home Loan Bank Board.

² Estimated accumulations in U. S. life insurance companies include reserves plus dividends left to accumulate, minus premium notes and policy loans. Source: Institute of Life Insurance.

³ Deposits. Prior to 1938 data based on savings deposits in mutual savings banks as reported by Comptroller of Currency. All figures include a small percentage of Christmas savings and other special accounts in addition to regular deposits. Source: National Association of Mutual Savings Banks and Federal Deposit Insurance Corporation.

⁴ Time deposits of individuals, partnerships and corporations. From 1920 to 1935, based on Comptroller of Currency figures as of June 30 for all national, state commercial and stock savings banks and trust companies. Interpolations as of December 31, prepared by Home Loan Bank Board. From 1936 to 1946, December 31 figures as reported by Comptroller of Currency and Federal Deposit Insurance Corporation. Source: Comptroller of the Currency, Federal Deposit Insurance Corporation and Home Loan Bank Board.

⁵ Due depositors: Outstanding principal and accrued interest on certificates of deposit, outstanding savings stamps and unclaimed deposits. Source: Post Office Department.

⁶ Current redemption value of savings held by individuals at year-end—from 1920 to 1928, War Savings Securities; 1935 to date includes U. S. Savings Bonds, Series A-G. Source: U. S. Treasury Department.

⁷ Not available.

Source: Housing and Home Finance Agency, Home Loan Bank Board.

No. 463.—SAVING BY INDIVIDUALS IN THE UNITED STATES: 1944 TO 1951

[In billions of dollars. Includes unincorporated business savings of types specified but excludes corporate or Government saving. Current data are necessarily estimates and therefore subject to revision]

TYPE	1944	1945	1946	1947	1948	1949	1950	1951
Gross saving, total.....	+49.6	+46.7	+33.4	+33.5	+34.1	+34.9	+43.2	+51.3
Liquid saving, total.....	+41.4	+37.0	+12.6	+6.0	+2.8	+2.9	+1.5	+13.0
Currency and bank deposits.....	+17.5	+19.1	+10.6	+2.0	-1.8	-1.3	+4.2	+5.8
Savings and loan associations.....	+8	+1.1	+1.2	+1.2	+1.2	+1.6	+1.5	+2.1
Insurance and pension reserves.....	+8.2	-8.6	-7.0	-7.1	-7.3	-6.1	+5.2	+8.0
Private insurance.....	+3.2	-3.5	-3.4	-3.6	-3.7	-3.7	+3.9	+4.2
Government insurance.....	+5.0	-5.1	+3.5	+3.5	+3.6	+2.3	+1.3	+3.8
Securities, total ¹	+16.0	+9.4	+9	+3.5	+3.2	+2.8	+7	+3.3
U. S. savings bonds.....	+11.8	+6.9	+9	+1.8	+2.1	+1.6	+6	-4
Other U. S. Government ²	+3.9	+3.6	-4	+5	-1.5	-4	-1.5	-3
State and local government.....	(7)	-2	-2	-4	+1.1	+5	+5	+8
Corporate and other.....	-7	-9	+7	+9	+1.5	+1.1	+1.2	+3.3
Liquidation of mortgage debt ³	-1	-2	-3.7	-4.5	-4.0	-3.8	-7.0	-6.0
Liquidation of debt not elsewhere classified ⁴	-2	-8	-3.3	-3.4	-2.5	-2.3	-3.2	-4
Nonfarm dwellings ⁵	+1.0	+1.2	+4.1	+6.2	+8.5	+8.1	+12.6	+17.5
Other durable consumers' goods ⁶	+7.1	+8.5	+10.6	+21.4	+22.9	+23.9	+29.2	+26.8

¹ After deducting change in bank loans made for purpose of purchasing or carrying securities.

² Includes Armed Forces Leave bonds.

³ Less than \$50 million.

⁴ Mortgage debt to institutions on one- to four-family nonfarm dwellings.

⁵ Largely attributable to purchases of automobiles and other durable consumers' goods, although including some debt arising from purchases of consumption goods. Other segments of individuals' debt have been allocated to assets to which they pertain, viz., saving in savings and loan associations, insurance and securities.

⁶ Construction of one- to four-family nonfarm dwellings less net acquisition of properties by nonindividuals. Also includes small amount of construction by nonprofit institutions.

⁷ Consumer expenditures on durable goods as estimated by Department of Commerce.

Source: Securities and Exchange Commission; data are published quarterly in a special release and in the Statistical Bulletin.

No. 464.—LIQUID ASSET HOLDINGS OF INDIVIDUALS AND BUSINESSES: 1941 to 1950

[In billions of dollars. Data estimated as of December]

TYPE OF HOLDER	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950 (prel.)
Total ¹	85.4	116.2	156.4	195.9	227.5	231.5	237.0	238.5	242.7	251.1
Currency.....	8.9	13.1	18.0	22.6	25.5	25.7	25.4	25.0	24.3	24.3
Demand deposits ²	27.9	36.8	47.1	53.1	60.2	64.6	66.2	64.5	63.8	65.8
Time deposits.....	26.9	27.7	32.0	39.0	47.7	53.0	55.2	56.1	57.0	57.5
Savings and loan shares ³	4.5	4.8	5.4	6.2	7.2	8.4	9.6	10.8	12.2	13.8
U. S. Government Securities ⁴	17.2	33.8	53.9	75.0	86.9	79.8	80.6	82.1	85.4	89.7
Business holdings, total	25.9	39.4	55.9	67.5	73.0	66.3	64.7	64.0	66.0	69.0
Currency.....	2.1	2.8	3.6	4.3	4.7	4.9	4.8	4.7	4.6	4.6
Demand deposits.....	16.6	21.7	28.9	31.3	33.7	33.5	33.9	33.7	34.2	34.6
Time deposits.....	2.0	2.1	2.3	2.7	3.1	3.4	3.5	3.5	3.5	3.6
Savings and loan shares.....	.1	.1	.2	.2	.2	.3	.3	.3	.3	.4
U. S. Government securities.....	5.1	12.7	20.9	29.0	31.3	24.2	22.2	21.8	23.4	25.8
Corporations, total	17.4	27.1	38.6	44.7	45.1	38.9	38.2	38.8	41.2	44.8
Currency.....	.8	.8	.9	.9	.9	1.0	1.0	1.0	1.0	1.0
Demand deposits.....	12.4	16.0	20.9	22.1	22.1	21.8	22.2	22.7	23.1	23.7
Time deposits.....	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7
Savings and loan shares.....	—	—	.1	.1	.1	.1	.1	.1	.1	.1
U. S. Government securities.....	8.5	9.6	16.0	20.0	21.3	15.3	14.2	14.3	16.3	19.3
Financial corporations, total ⁵	2.2	2.5	3.1	3.8	4.8	4.4	4.3	4.5	5.2	5.3
Demand deposits.....	1.3	1.2	1.3	1.5	2.0	2.1	2.2	2.2	2.3	2.5
Time deposits.....	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
U. S. Government securities.....	.8	1.2	1.7	2.2	2.7	2.2	2.0	2.2	2.8	2.7
Nonfinancial corporations, total	15.2	24.6	35.5	40.9	40.3	34.5	33.9	34.3	36.0	39.5
Currency.....	.8	.8	.9	.9	.9	1.0	1.0	1.0	1.0	1.0
Demand deposits.....	11.1	14.8	19.6	20.6	20.1	19.7	20.0	20.5	20.8	21.0
Time deposits.....	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6
Savings and loan shares.....	—	—	.1	.1	.1	.1	.1	.1	.1	.1
U. S. Government securities.....	2.7	8.4	14.3	18.7	18.6	13.1	12.2	12.1	13.5	16.6
Unincorporated business, total	8.5	12.3	17.3	22.8	27.9	27.4	26.5	25.2	24.8	24.2
Currency.....	1.3	2.0	2.7	3.4	3.8	3.9	3.8	3.7	3.6	3.6
Demand deposits.....	4.2	5.7	8.0	9.2	11.6	11.7	11.7	11.0	11.1	10.9
Time deposits.....	1.3	1.4	1.6	2.0	*2.4	2.7	2.8	2.8	2.8	2.9
Savings and loan shares.....	.1	.1	.1	.1	.1	.2	.2	.2	.2	.3
U. S. Government securities.....	1.6	3.1	4.9	8.1	10.0	8.9	8.0	7.5	7.1	6.5
Personal holdings, total	59.5	76.8	100.5	128.4	154.5	165.2	172.3	174.5	176.7	182.1
Currency.....	6.8	10.3	14.4	18.3	20.8	20.8	20.6	20.3	19.7	19.7
Demand deposits.....	11.3	15.1	18.2	21.8	26.5	31.1	32.3	30.8	29.6	31.2
Time deposits.....	24.9	25.6	29.7	36.3	44.6	49.6	51.7	52.6	53.5	53.9
Savings and loan shares.....	4.4	4.7	5.2	6.0	7.0	8.1	9.3	10.5	11.9	13.4
U. S. Government securities.....	12.1	21.1	33.0	46.0	55.6	55.0	58.4	60.3	62.0	63.9
Trust funds, total ⁶	5.6	6.9	10.0	13.4	15.9	19.4	21.6	22.9	24.0	26.5
Demand deposits.....	1.4	1.2	1.3	1.4	1.6	1.7	1.6	1.6	1.5	1.6
Time deposits.....	.3	.2	.2	.2	.2	.3	.3	.5	.6	.8
Savings and loan shares.....	—	.1	.1	.1	.1	.2	.2	.2	.3	.3
U. S. Government securities.....	3.9	5.4	8.4	11.7	14.0	17.2	19.5	20.6	21.7	23.8
Other personal, total ⁷	53.9	69.9	90.5	115.0	138.6	145.8	150.7	151.6	152.7	155.6
Currency.....	6.8	10.3	14.4	18.3	20.8	20.8	20.6	20.3	19.7	19.7
Demand deposits.....	9.9	13.9	16.9	20.4	24.9	29.4	30.7	29.2	28.1	29.6
Time deposits.....	24.6	25.4	29.5	36.1	44.4	49.3	51.4	52.1	53.0	53.1
Savings and loan shares.....	4.4	4.6	5.1	5.9	6.9	7.9	9.1	10.3	11.6	13.1
U. S. Government securities.....	8.2	15.7	24.6	34.3	41.6	38.4	38.9	39.7	40.3	40.1

¹ Excludes figures for banks, insurance companies, savings and loan associations, nonprofit associations, foreigners, and governmental bodies and agencies.

² Estimates of demand deposit balances as they would appear on the records of depositors. They differ from figures based on bank records such as given in regular banking statistics. Depositor-record estimates are lower than bank-record estimates; for example, total demand deposits as of Dec. 31, 1950 on a holder-record basis (see table) amounted to 65.8 billion dollars while on a bank-record basis these deposits amount to 85.7 billion.

³ Private share capital in all operating savings and loan associations including private repurchaseable shares, deposits, and investment certificates.

⁴ Includes outstanding amounts of excess profits tax refund bonds beginning December 1945, as follows: 1945, \$1,128 million; 1946, \$29 million; 1947, \$12 million; 1948, \$7 million; 1949, \$4 million; 1950, \$3 million. Armed forces leave bonds included beginning December 1947. Amount outstanding December 1947 was \$767 million; 1948, \$464 million; 1949, \$343 million; 1950, \$221 million.

⁵ Includes real estate companies, finance and credit companies, insurance agencies (not carriers), investment trusts, security brokers and dealers, holding companies not otherwise classified, etc.

⁶ Includes only amounts administered by corporate trustees.

⁷ Includes holdings of farmers and professional persons.

Source: Board of Governors of the Federal Reserve System. Published in *Federal Reserve Bulletin*, July 1951.

No. 465.—BANK SUSPENSIONS—NUMBER OF BANKS AND AMOUNT OF DEPOSITS: 1864 TO 1951

[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 in continental U. S. are Federal Reserve System members; all Federal Reserve System members are insured. See also, *Historical Statistics*, series N 135-147]

PERIOD	NUMBER OF BANKS				PERIOD	NUMBER OF BANKS			
	Total	National	State	Private		Total	National	State	Private
1864-1870.....	44	15	20	-----	1892-1900.....	1,174	226	521	427
1871-1880.....	365	61	304	-----	1901-1910.....	808	119	397	292
1881-1891.....	346	67	279	-----	1911-1920.....	944	83	675	186

YEAR OR PERIOD	NUMBER OF BANKS					DEPOSITS (THOUSANDS OF DOLLARS)				
	Total	National	State member	State and private non-member		Total	National	State member	State and private nonmember	
				Noninsured	Insured ¹				Noninsured	Insured ¹
1921-1920.....	5,714	766	220	4,719	-----	1,625,468	363,324	128,677	1,133,467	-----
1930.....	1,352	161	27	1,164	-----	853,393	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	276	55	1,125	-----	715,626	214,160	55,153	446,323	-----
1933.....	4,004	1,101	174	2,729	-----	3,698,975	1,610,549	783,399	1,205,027	-----
1930-1933.....	9,106	1,947	363	6,796	-----	6,858,633	2,434,316	1,334,908	3,089,409	-----
1934-1940.....	313	16	6	84	207	131,934	14,872	26,548	40,825	49,689
1941-1946.....	22	6	-----	4	12	12,055	8,126	-----	406	3,524
1947.....	1	-----	-----	1	-----	167	-----	-----	167	-----
1948.....	0	-----	-----	-----	-----	0	-----	-----	-----	-----
1949.....	4	-----	-----	4	-----	2,443	-----	-----	2,443	-----
1950.....	1	-----	-----	1	-----	42	-----	-----	42	-----
1951.....	3	-----	-----	3	-----	2,189	-----	-----	2,189	-----

¹ Deposit insurance by Federal Deposit Insurance Corporation; became operative Jan. 1, 1934.

Source: 1864-1891, U. S. Treasury, *Comptroller of Currency*; 1931 Annual Report. Later data, Board of Governors of the Federal Reserve System; figures published currently in *Federal Reserve Bulletin*.

No. 466.—DEPOSIT INSURANCE—NUMBER OF OPERATING BANKS AND BRANCHES BY INSURANCE STATUS AND CLASS OF BANK: DECEMBER 31, 1951

TYPE OF BANK OR OFFICE	All banks	COMMERCIAL AND STOCK SAVINGS BANKS AND NONDEPOSIT TRUST COMPANIES						MUTUAL SAVINGS BANKS	
		Total	Insured			Noninsured		In- sured	Non- insured
			Members F. R. system		Not mem- bers F. R. sys- tem	Banks of de- posit	Non- deposit trust com- panies		
			National	State					
United States and possessions.....	20,155	19,396	7,309	3,365	7,938	718	66	367	392
All banks.....	14,661	14,132	4,939	1,898	6,618	612	65	202	327
Unit banks.....	13,164	12,738	4,533	1,668	5,915	578	64	127	279
Banks operating branches.....	1,497	1,374	406	230	703	34	1	75	48
Branches.....	5,494	5,264	2,370	1,467	1,320	106	1	165	65
United States.....	20,003	19,244	7,309	3,365	7,879	630	61	367	392
All banks.....	14,618	14,089	4,939	1,898	6,602	590	60	202	327
Unit banks.....	13,134	12,728	4,533	1,668	5,906	562	59	127	279
Banks operating branches.....	1,484	1,361	406	230	696	28	1	75	48
Branches.....	5,385	5,155	2,370	1,467	1,277	40	1	165	65
Possessions.....	152	152	-----	-----	59	88	5	-----	-----
All banks.....	43	43	-----	-----	16	22	5	-----	-----
Unit banks.....	30	30	-----	-----	9	16	5	-----	-----
Banks operating branches.....	13	13	-----	-----	7	6	-----	-----	-----
Branches.....	109	109	-----	-----	43	66	-----	-----	-----

Source: Federal Deposit Insurance Corporation, *Annual Report*.

No. 467.—CHANGES IN NUMBER AND CLASSIFICATION OF OPERATING BANKING OFFICES IN THE UNITED STATES AND POSSESSIONS BY INSURANCE STATUS: 1945 TO 1951

TYPE OF CHANGE	1945	1946	1947	1948	1949	1950	1951
Banking offices, total	18,884	18,970	19,175	19,366	19,600	19,851	20,155
Number of banks.....	14,717	14,761	14,767	14,753	14,736	14,693	14,661
Number of branches.....	4,167	4,219	4,408	4,613	4,864	5,158	5,494
Net change during year.....	+42	+86	+205	+191	+234	+251	+304
Offices opened.....	292	374	333	305	344	381	425
Banks.....	119	148	113	80	80	60	65
Branches.....	173	226	220	225	264	312	360
Offices closed.....	250	288	128	114	110	130	121
Banks.....	104	114	97	94	97	106	97
Branches.....	146	174	31	20	13	24	24
INSURED							
Banking offices, total	17,491	17,593	17,817	18,027	18,299	18,624	18,979
Number of banks.....	13,404	13,560	13,597	13,612	13,628	13,640	13,657
Number of branches.....	3,997	4,043	4,220	4,416	4,671	4,984	5,322
Net change during year.....	+57	+102	+224	+210	+272	+325	+355
Offices opened.....	272	346	307	273	308	359	398
Banks.....	103	132	99	62	61	59	53
Branches.....	169	214	208	211	247	300	345
Offices closed.....	233	271	114	100	92	118	99
Banks.....	87	102	83	80	88	95	76
Branches.....	146	169	31	20	9	23	23
Changes in classification ¹	+18	+27	+31	+37	+56	+84	+56
NONINSURED							
Banking offices, total	1,393	1,377	1,358	1,339	1,301	1,227	1,176
Number of banks.....	1,223	1,201	1,170	1,141	1,108	1,053	1,004
Number of branches.....	170	176	188	193	193	174	172
Net change during year.....	-15	-16	-19	-19	-38	-74	-51
Offices opened.....	20	28	26	32	36	22	27
Banks.....	16	16	14	18	19	10	12
Branches.....	4	12	12	14	17	12	15
Offices closed.....	17	17	14	14	18	12	21
Banks.....	17	12	14	14	14	11	21
Branches.....		5			4	1	1
Changes in classification ¹	-18	-27	-31	-37	-56	-84	-56

¹ 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.

No. 468.—INSURED COMMERCIAL BANKS—ASSETS AND LIABILITIES AS OF DEC. 31: 1945 TO 1951

[Money figures in millions of dollars]

ITEM	1945	1946	1947	1948	1949	1950 ¹	1951
Number of banks.....	13,302	13,359	13,403	13,419	13,430	13,446	13,455
Assets, total	157,582	147,365	152,773	152,163	155,319	166,792	177,449
Cash, balances with other banks, and cash items in process of collection.....	34,303	33,704	36,936	38,097	35,222	39,895	44,242
Securities, total.....	96,066	81,469	76,712	70,339	75,824	73,198	73,678
U. S. Government obligations, direct and guaranteed.....	88,933	73,575	67,960	61,407	65,847	61,047	60,590
Obligations of States and political subdivisions.....	3,875	4,301	5,131	5,511	6,403	7,959	9,016
Other securities.....	3,258	3,593	3,621	3,421	3,574	4,192	4,058
Loans, discounts, and overdrafts.....	25,760	30,740	37,592	41,979	42,499	51,800	57,371
Miscellaneous assets.....	1,444	1,452	1,533	1,748	1,774	1,921	2,164
Liabilities and capital accounts, total	157,582	147,365	152,773	152,163	155,319	166,792	177,449
Deposits, total.....	147,811	137,030	141,889	140,683	143,194	153,498	163,172
Demand deposits of individuals, partnerships, and corporations.....	72,006	70,903	83,738	81,099	82,129	89,993	95,701
Time deposits of individuals, partnerships and corporations.....	20,295	32,761	33,963	34,262	34,462	34,582	36,057
U. S. Government.....	23,841	3,047	1,433	2,436	3,232	2,970	3,615
Other deposits.....	22,069	21,319	22,755	22,286	23,371	25,943	27,790
Miscellaneous liabilities.....	1,090	1,047	1,148	1,320	1,470	2,013	2,354
Capital, surplus, undivided profits, etc.....	8,672	9,288	9,736	10,160	10,649	11,281	11,923

¹ Dec. 30.

Source of tables 467 and 468: Federal Deposit Insurance Corporation, *Annual Report*.

**No. 469.—DEPOSIT INSURANCE—NUMBER AND DEPOSITS OF ALL OPERATING BANKS,
BY INSURANCE STATUS AND BY STATES: DEC. 30, 1950 AND DEC. 31, 1951**

[Deposits in millions of dollars. Includes commercial and stock savings banks, nondeposit trust companies, and mutual savings banks]

STATE	1950				1951			
	NUMBER		DEPOSITS		NUMBER		DEPOSITS	
	In- sured	Nonin- sured	In- sured	Nonin- sured	In- sured	Nonin- sured	In- sured	Nonin- sured
Total.....	13,640	1,053	167,818	8,302	13,657	1,004	178,540	8,064
Alabama.....	225	—	1,271	—	225	—	1,378	—
Arizona.....	10	1	468	3	12	1	530	3
Arkansas.....	222	10	843	4	224	6	877	3
California.....	101	11	13,965	53	100	11	15,115	58
Colorado.....	144	10	1,209	7	147	10	1,308	6
Connecticut.....	95	89	1,673	1,375	98	86	1,873	1,302
Delaware.....	37	3	1,632	90	35	3	531	93
Dist. of Columbia.....	19	—	1,162	—	19	—	1,258	—
Florida.....	195	4	2,001	7	204	4	2,203	8
Georgia.....	331	66	1,763	10	337	66	1,974	17
Idaho.....	42	1	424	0	41	1	467	9
Illinois.....	376	15	12,004	44	382	13	13,710	44
Indiana.....	478	12	3,290	32	474	11	3,509	54
Iowa.....	606	57	2,274	94	606	57	2,305	89
Kansas.....	460	146	1,530	157	468	139	1,681	100
Kentucky.....	362	23	1,568	19	361	22	1,778	20
Louisiana.....	164	1	1,835	1	165	1	2,022	1
Maine.....	59	36	436	250	61	34	479	261
Maryland.....	164	9	1,064	408	164	5	2,084	123
Massachusetts.....	174	107	4,274	3,418	173	106	4,480	3,514
Michigan.....	414	28	5,673	155	414	21	5,862	155
Minnesota.....	662	19	3,086	13	664	17	3,152	15
Mississippi.....	197	4	809	8	198	4	871	8
Missouri.....	676	24	4,663	21	675	24	4,831	24
Montana.....	110	—	682	—	110	—	615	—
Nebraska.....	367	51	1,335	40	367	49	1,407	40
Nevada.....	8	—	179	—	8	—	202	—
New Hampshire.....	58	51	225	331	58	51	241	342
New Jersey.....	343	4	5,449	6	337	4	5,751	6
New Mexico.....	51	—	361	—	51	—	403	—
New York.....	752	7	43,914	479	740	9	45,681	482
North Carolina.....	224	1	1,872	27	224	1	2,088	26
North Dakota.....	145	5	463	101	145	5	488	113
Ohio.....	653	9	8,073	10	652	7	8,600	9
Oklahoma.....	375	11	1,730	6	374	11	1,876	6
Oregon.....	69	2	1,429	8	69	2	1,506	8
Pennsylvania.....	961	17	11,843	63	951	16	12,376	67
Rhode Island.....	14	10	763	201	14	8	869	211
South Carolina.....	131	17	663	10	134	15	788	9
South Dakota.....	169	—	505	—	169	—	530	—
Tennessee.....	289	8	2,056	6	291	7	2,199	5
Texas.....	861	47	7,384	86	870	44	7,945	84
Utah.....	55	—	690	—	54	—	654	—
Vermont.....	76	1	341	—	75	1	363	—
Virginia.....	313	—	2,015	—	315	—	2,210	—
Washington.....	118	3	2,183	16	118	3	2,286	18
West Virginia.....	176	4	939	11	177	4	1,007	13
Wisconsin.....	545	10	3,106	11	548	9	3,277	9
Wyoming.....	53	—	271	—	52	—	306	—
Territories and possessions.....	14	29	209	615	16	27	264	594

¹ Nondeposit trust company.

Source: Federal Deposit Insurance Corporation, *Annual Report*.

No. 470.—FEDERAL DEPOSIT INSURANCE CORPORATION—DISBURSEMENTS TO PROTECT DEPOSITORS, AND NUMBER AND DEPOSITS OF INSURED BANKS PLACED IN RECEIVERSHIP OR MERGED: 1934 to 1951

CLASSIFICATION	DISBURSEMENT BY FDIC (THOUSANDS OF DOLLARS) ¹			NUMBER OF BANKS			DEPOSITS (THOUSANDS OF DOLLARS)		
	Total	Re- ceiver- ships	Mergers	Total	Re- ceiver- ships	Merg- ers	Total	Re- ceiver- ships	Mergers
All banks, cumulative total.	275,888	87,044	188,844	417	245	172	536,819	109,590	427,229
By class of bank:									
National banks	53,486	14,808	38,678	73	21	52	112,088	19,474	92,614
State banks, members F. R. system	101,275	20,934	80,341	22	6	16	187,609	26,587	161,072
Banks not members F. R. system	121,127	61,302	60,825	322	218	104	237,122	63,579	173,543
Calendar year:									
1934	941	941	—	9	9	—	1,008	1,008	—
1935	8,800	6,025	2,805	25	24	1	13,320	9,091	4,220
1936	14,833	8,056	6,777	69	42	27	27,528	11,241	16,287
1937	19,202	12,045	7,157	75	50	25	33,345	14,900	18,385
1938	30,512	9,092	21,420	74	50	24	59,724	10,296	49,428
1939	67,804	26,196	41,608	60	32	28	157,777	32,738	125,039
1940	74,456	4,895	69,561	43	19	24	142,389	5,667	136,732
1941	23,930	12,278	11,652	15	8	7	29,721	14,730	14,991
1942	11,154	1,012	9,542	20	6	14	19,011	1,816	17,195
1943	7,250	5,500	1,750	5	4	1	12,535	6,637	5,898
1944	1,620	404	1,116	2	1	1	1,915	460	1,459
1945	1,874	—	1,874	1	—	1	5,695	—	5,695
1946	292	—	292	1	—	1	316	—	316
1947	1,777	—	1,777	5	—	5	6,969	—	6,969
1948	3,027	—	3,027	3	—	3	10,455	—	10,455
1949	2,558	—	2,558	4	—	4	4,977	—	4,977
1950	3,985	—	3,985	4	—	4	5,766	—	5,766
1951	1,883	—	1,883	2	—	2	3,411	—	3,411
Banks with deposits of—									
\$100,000 or less	4,955	4,308	647	106	83	23	6,358	4,947	1,411
\$100,000 to \$250,000	12,929	11,554	1,375	109	86	23	17,761	13,920	3,841
\$250,000 to \$500,000	16,225	10,223	5,002	60	36	24	21,409	12,462	8,947
\$500,000 to \$1,000,000	27,049	13,901	13,148	55	24	31	41,374	17,590	23,784
\$1,000,000 to \$2,000,000	30,078	8,961	21,117	41	9	32	59,223	11,748	47,475
\$2,000,000 to \$5,000,000	47,409	12,421	34,988	28	5	23	86,184	16,279	69,885
\$5,000,000 to \$10,000,000	23,680	—	23,680	10	—	10	65,407	—	65,407
\$10,000,000 to \$50,000,000	114,563	25,676	88,887	8	2	6	239,123	32,644	206,470

¹ Includes only principal disbursement; excludes expenses incident to transactions, greater part of which has been recovered.

Source: Federal Deposit Insurance Corporation, *Annual Report*.

No. 471.—FEDERAL HOME LOAN BANKS—PRINCIPAL ASSETS AND LIABILITIES AS OF DECEMBER 31: 1933 TO 1951

[In thousands of dollars]

FEDERAL HOME LOAN BANK DISTRICT	Total assets ¹	PRINCIPAL ASSETS			PRINCIPAL LIABILITIES AND CAPITAL				
		Advances outstanding	Investments in Government securities (face amount)	Cash ¹	Member deposits	Consolidated obligations	Paid-in on capital stock		Surplus reserves and undivided profits
							Members	U. S. Government	
All banks:									
1933	95,558	85,442	2,311	7,218	392	-----	14,747	75,746	652
1934	109,092	86,002	14,345	8,460	1,925	-----	21,032	81,046	1,791
1935	128,616	102,080	18,564	6,654	4,003	-----	24,471	94,196	2,279
1936	174,402	145,227	9,476	19,183	10,746	-----	28,316	117,899	3,463
1937	261,272	200,038	32,407	27,640	12,586	77,700	34,834	124,741	5,204
1938	284,876	198,842	45,656	38,829	21,900	90,000	37,071	124,741	7,579
1939	262,823	181,313	49,479	30,305	29,617	48,500	40,978	124,741	9,619
1940	301,344	201,492	49,815	48,345	26,921	90,500	44,541	124,741	11,201
1941	310,300	210,446	62,775	55,336	29,826	90,500	48,815	124,741	12,976
1942	287,510	129,213	121,421	35,504	25,436	69,500	51,703	124,741	14,811
1943	294,476	110,068	161,275	31,785	29,534	64,300	57,577	124,741	10,664
1944	306,013	130,563	143,613	30,323	28,744	66,500	63,806	124,741	17,921
1945	342,710	194,872	117,177	28,672	46,697	68,500	73,668	124,510	21,949
1946	479,564	293,455	143,151	39,714	70,243	169,000	85,828	123,651	22,496
1947	624,189	435,572	136,558	48,204	87,835	261,700	103,078	122,672	24,124
1948	826,948	515,016	271,893	36,586	133,355	416,500	121,237	119,791	25,517
1949	765,303	433,429	272,793	52,079	267,112	206,800	136,239	95,819	26,997
1950	1,000,470	815,957	197,435	41,479	224,097	561,000	182,547	56,022	29,903
1951	1,101,832	805,937	248,038	37,595	261,236	529,500	270,652	-----	31,827
Boston	74,255	50,334	20,880	2,515	10,058	37,900	23,024	-----	2,239
New York	147,391	103,662	37,023	4,073	47,436	60,540	34,225	-----	4,532
Pittsburgh	91,071	66,030	18,950	2,705	25,804	43,800	18,516	-----	2,366
Greensboro	121,856	92,026	26,450	2,410	42,068	41,920	33,416	-----	3,412
Cincinnati	81,891	52,214	25,724	3,207	33,493	9,200	35,073	-----	3,501
Indianapolis	84,129	58,021	22,845	2,818	29,921	33,840	17,920	-----	2,168
Chicago	174,665	147,690	21,150	5,487	28,570	110,200	31,553	-----	3,153
Des Moines	71,093	52,669	16,760	1,450	10,903	41,900	15,664	-----	2,101
Little Rock	63,800	43,406	16,640	3,461	2,716	45,000	13,807	-----	1,888
Topeka	53,570	30,850	18,015	2,439	6,100	34,200	11,098	-----	1,776
San Francisco	138,111	108,436	22,701	5,930	24,167	71,000	35,756	-----	4,691

¹ Includes interbank deposits.

Source: Housing and Home Finance Agency, Home Loan Bank Board; records.

No. 472.—FEDERAL HOME LOAN BANK SYSTEM—MEMBER INSTITUTIONS: 1947 TO 1951

[Money figures in thousands of dollars]

ITEM	1947	1948	1949	1950	1951
Member institutions as of Dec. 31:					
Number	3,705	3,769	3,800	3,030	3,031
Federal savings and loan associations	1,478	1,485	1,508	1,526	1,549
State-chartered savings and loan associations	2,192	2,248	2,314	2,308	2,401
Mutual savings banks	25	26	30	29	25
Life insurance companies	10	10	8	7	6
Assets	11,426,327	12,800,808	14,202,823	16,197,414	18,415,700
Federal savings and loan associations	5,468,043	6,164,489	7,103,892	8,452,940	9,791,600
State-chartered savings and loan associations	4,969,420	5,568,865	6,174,413	7,015,605	8,109,100
Mutual savings banks	673,736	702,376	793,327	639,586	1,425,000
Life insurance companies	325,128	304,969	120,191	89,283	90,000
Federal Home Loan Bank loans to members:					
Advances made during year	351,079	359,613	255,602	674,757	422,977
Repayments during year	208,962	260,169	337,250	292,229	432,997
Advances outstanding Dec. 31	436,572	515,016	433,429	815,957	805,937

¹ Preliminary.

Source: Housing and Home Finance Agency, Home Loan Bank Board; records.

No. 473.—ALL SAVINGS AND LOAN ASSOCIATIONS—TOTAL NUMBER AND SELECTED FINANCIAL ITEMS: 1920 TO 1951

[Amounts in millions of dollars. Data cover continental United States, Alaska, Hawaii, and Puerto Rico. See also *Historical Statistics*, series H 114 and H 128-132]

YEAR	Number of associations	Total assets	Mortgage loans	U. S. government and other securities	Savings capital—private	Mortgage pledged shares	FHLB advances and other borrowed money	General reserves and undivided profits	Mortgage loans made during year
1920.....	8,633	2,520	(¹)	(¹)	1,741	(¹)	(¹)	(¹)	(¹)
1922.....	10,009	3,343	3,009	(¹)	2,210	541	(¹)	(¹)	862
1925.....	12,403	5,609	5,085	(¹)	3,811	881	(¹)	(¹)	1,620
1930.....	11,777	8,829	7,760	(¹)	6,296	1,358	(¹)	(¹)	1,262
1935.....	10,266	5,875	3,947	(¹)	4,254	655	(¹)	(¹)	564
1940.....	7,521	5,733	4,415	108	4,322	290	223	464	1,200
1941.....	7,211	6,049	4,823	139	4,682	245	256	475	1,379
1944.....	6,279	7,458	4,983	1,703	6,305	183	199	572	1,454
1945.....	6,149	8,747	5,521	2,456	7,365	145	336	645	1,913
1946.....	6,093	10,202	7,276	2,047	8,548	135	402	751	3,584
1947.....	6,045	11,687	8,971	1,787	9,753	115	541	855	3,811
1948.....	6,011	13,028	10,409	1,525	10,964	104	590	969	3,607
1949.....	5,983	14,622	11,714	1,527	12,471	98	499	1,106	3,630
1950.....	5,992	16,846	13,714	1,535	13,978	92	880	1,279	5,237
1951 (prel.).....	5,980	19,160	15,596	1,664	16,079	81	881	1,449	5,250

¹ Not available.

Source: Housing and Home Finance Agency, Home Loan Bank Board; annual study, *Trends in the Savings and Loan Field*.

No. 474.—FEDERAL SAVINGS AND LOAN INSURANCE CORPORATION—SUMMARY OF INSURED INSTITUTIONS AS OF DECEMBER: 1945 TO 1951

[Money figures in thousands of dollars]

ITEM	1945	1946	1947	1948	1949	1950	1951 ¹
Number of associations.....	2,475	2,496	2,536	2,616	2,756	2,860	3,020
Total assets.....	6,123,430	7,293,662	8,527,578	9,714,591	11,278,155	13,644,106	16,204,100
Mortgage loans.....	3,761,082	5,216,897	6,572,195	7,777,398	9,022,016	11,162,747	13,235,800
Savings capital—private.....	5,210,872	6,184,005	7,176,684	8,254,709	9,699,525	11,359,433	13,053,500
Savings capital—U. S. Gov't.....	20,821	14,819	7,061	5,031	1,317	414	-----
Federal Home Loan Bank advances.....	182,895	267,531	301,442	447,243	388,427	743,383	750,700
Number of investors.....	4,383,800	4,860,400	5,415,000	6,122,000	7,076,000	8,111,000	9,354,000
Operations:							
New savings capital.....	1,876,060	2,568,092	2,787,082	3,217,139	3,687,942	4,543,291	5,666,877
Withdrawals.....	1,005,719	1,612,645	1,816,299	2,241,612	2,424,639	3,210,867	3,769,836
Mortgage loans made.....	1,448,817	2,798,878	2,864,846	2,754,577	2,886,670	4,361,928	4,500,600

¹ Preliminary.

Source: Housing and Home Finance Agency, Home Loan Bank Board. Revised to agree with other published data in *Combined Financial Statements of Members and Statistical Summary*.

No. 475.—ALL SAVINGS AND LOAN ASSOCIATIONS—TOTAL NUMBER AND SELECTED FINANCIAL ITEMS BY STATE OR OTHER AREA: DEC. 31, 1950

[Amounts in thousands of dollars]

DISTRICT AND STATE	Number of associations	Total assets	Mortgage loans	U. S. Government and other securities	Savings capital—total	FHLB advances and other borrowed money	General reserves and undivided profits
United States.....	5,992	16,845,986	13,714,384	1,534,781	13,978,115	879,423	1,278,891
No. 1 Boston.....	933	1,381,026	1,141,433	124,876	1,146,381	53,793	116,376
Connecticut.....	48	223,532	186,400	17,071	185,709	14,638	13,828
Maine.....	35	44,079	39,544	2,160	33,518	2,882	6,012
Massachusetts.....	205	931,074	755,878	96,878	772,378	30,292	81,031
New Hampshire.....	26	53,449	47,655	1,171	43,650	3,960	4,598
Rhode Island.....	9	109,348	95,900	6,103	96,159	805	9,420
Vermont.....	10	18,044	15,657	1,493	14,877	1,880	1,487
No. 2 New York.....	725	2,159,774	1,734,269	244,810	1,846,578	110,924	145,706
New Jersey.....	458	690,406	537,236	82,111	601,885	26,717	46,406
New York.....	236	1,465,554	1,103,765	162,690	1,242,121	83,851	90,136
Puerto Rico.....	1	3,754	3,268	—	2,572	356	74
No. 3 Pittsburgh.....	974	1,196,641	1,026,205	57,589	981,881	69,333	92,662
Delaware.....	41	25,451	22,878	312	19,477	1,705	1,026
Pennsylvania.....	896	1,107,930	949,750	53,603	911,436	62,640	85,875
West Virginia.....	37	63,251	53,571	3,674	50,968	4,988	5,761
No. 4 Greensboro.....	886	2,122,054	1,813,747	120,444	1,770,779	105,665	170,211
Alabama.....	28	68,973	57,002	3,360	61,312	1,836	4,003
District of Columbia.....	28	402,807	360,497	15,253	333,453	14,748	38,581
Florida.....	57	378,548	300,496	32,204	317,490	20,424	20,051
Georgia.....	73	247,135	216,123	12,353	211,820	9,917	16,438
Maryland.....	382	364,550	331,390	22,723	315,723	23,473	36,021
North Carolina.....	176	330,571	288,564	19,319	280,221	17,663	23,427
South Carolina.....	72	126,675	117,813	8,587	116,480	7,266	8,582
Virginia.....	70	102,795	140,953	6,559	134,280	10,338	14,608
No. 5 Cincinnati.....	767	2,563,612	1,938,200	336,339	2,180,333	66,308	221,875
Kentucky.....	119	255,052	216,252	22,896	214,909	10,530	20,812
Ohio.....	609	2,150,542	1,590,201	300,880	1,828,502	47,104	191,854
Tennessee.....	39	158,018	131,747	12,563	136,922	8,674	9,070
No. 6 Indianapolis.....	303	943,396	727,691	109,208	796,119	49,049	75,323
Indiana.....	233	547,748	415,562	75,092	463,823	28,540	46,047
Michigan.....	70	395,648	312,129	33,216	332,296	20,609	29,276
No. 7 Chicago.....	730	1,840,204	1,491,367	162,351	1,467,779	131,873	132,068
Illinois.....	577	1,457,524	1,162,707	133,252	1,162,270	108,696	101,293
Wisconsin.....	153	382,680	328,660	29,099	305,509	23,182	30,775
No. 8 Des Moines.....	342	969,488	798,010	92,481	825,611	56,828	56,162
Iowa.....	88	195,397	162,118	15,000	163,214	14,228	11,449
Minnesota.....	71	386,172	300,801	54,679	338,237	17,061	15,219
Missouri.....	165	329,701	283,308	15,770	272,880	23,226	22,993
North Dakota.....	16	44,793	34,842	5,077	39,730	1,596	2,793
South Dakota.....	12	13,425	10,851	1,055	11,600	717	738
No. 9 Little Rock.....	318	793,725	676,359	51,981	662,097	47,532	58,264
Arkansas.....	42	66,493	68,258	3,611	56,716	3,114	5,058
Louisiana.....	76	251,782	219,201	16,936	201,846	18,855	22,028
Mississippi.....	35	60,325	43,501	2,528	44,607	1,735	3,417
New Mexico.....	19	34,744	20,773	1,586	29,262	2,101	2,481
Texas.....	140	390,381	325,626	27,320	320,586	21,727	25,280
No. 10 Topeka.....	279	682,860	559,838	66,893	556,352	37,382	56,305
Colorado.....	51	146,196	117,381	14,986	117,188	7,938	12,133
Kansas.....	103	198,994	168,248	14,623	156,454	17,665	14,707
Nebraska.....	66	127,969	92,232	26,928	103,006	3,116	12,006
Oklahoma.....	60	209,701	181,977	10,356	179,104	8,673	10,800
No. 11 San Francisco.....	344	2,193,206	1,807,265	167,809	1,744,295	150,731	153,939
Alaska.....	1	1,804	1,208	350	1,210	422	91
Arizona.....	6	39,798	30,535	2,795	28,424	5,500	2,587
California.....	183	1,491,676	1,271,791	79,547	1,165,162	109,829	105,919
Hawaii.....	7	28,528	24,740	1,527	22,922	2,638	2,156
Idaho.....	11	39,614	32,582	3,251	33,708	2,350	2,703
Montana.....	19	32,890	26,158	4,393	28,787	857	2,347
Nevada.....	2	5,805	4,958	512	5,105	59	339
Oregon.....	26	132,752	104,251	13,660	108,849	10,314	6,435
Utah.....	19	80,480	72,626	7,790	66,806	8,006	7,162
Washington.....	60	310,594	222,118	51,889	265,944	10,042	22,600
Wyoming.....	10	20,356	16,199	2,095	17,369	714	1,521

Source: Housing and Home Finance Agency, Home Loan Bank Board; annual study, *Trends in the Savings and Loan Field*.

No. 476.—SAVINGS AND LOAN ASSOCIATIONS—FAILURES: 1920 TO 1950

[Liabilities and estimated loss in thousands of dollars. Liabilities not available prior to 1930. See also *Historical Statistics*, series H 133-135]

YEAR	Number failed	Liabilities	Estimated loss	YEAR	Number failed	Liabilities	Estimated loss
1920.....	2	-----	1	1938.....	277	36,025	11,281
1925.....	26	-----	500	1939.....	183	84,901	27,040
1929.....	159	-----	2,313	1940.....	129	69,560	6,744
1930.....	190	80,438	24,676	1941.....	44	8,576	1,052
1931.....	126	61,909	22,328	1942.....	18	8,919	1,789
1932.....	122	52,818	20,337	1943.....	11	1,484	261
1933.....	88	215,517	43,955	1944.....	5	2,503	155
1934.....	68	34,728	10,174	1945-46.....	0	0	0
1935.....	239	31,946	15,782	1947.....	1	92	0
1936.....	144	20,316	9,052	1948-49.....	0	0	0
1937.....	269	44,739	15,775	1950.....	1	50	0

Source: United States Savings and Loan League, Chicago, Ill., *Annual Statistical Report*.

No. 477.—NONFARM MORTGAGES RECORDED—NUMBER AND AMOUNT, BY TYPE OF MORTGAGEE, FOR CONTINENTAL UNITED STATES: 1941 TO 1951

[Amounts in thousands of dollars. Estimates based on mortgage recordings of \$20,000 or less in more than 500 counties and similar political subdivisions, which contain about three-fifths of total nonfarm population]

PERIOD	Total	Savings and loan associations	Insurance companies	Commercial banks	Mutual savings banks	Individuals	Other mortgagees
NUMBER							
1941.....	1,628,407	544,463	81,801	352,407	55,737	395,556	198,443
1942.....	1,351,290	424,709	75,726	268,158	43,734	356,511	182,452
1943.....	1,275,953	423,365	56,524	220,121	38,554	376,049	159,390
1944.....	1,445,616	496,357	51,130	249,206	42,031	445,952	160,040
1945.....	1,638,557	574,816	47,477	299,035	51,647	498,698	166,884
1946.....	2,497,122	827,129	86,065	589,292	101,153	625,260	268,223
1947.....	2,656,632	799,207	135,105	616,672	105,771	592,194	317,683
1948.....	2,634,702	765,505	156,280	552,938	123,031	613,361	323,577
1949.....	2,487,521	761,870	159,815	506,719	126,848	574,430	357,339
1950.....	3,032,452	935,499	227,236	628,247	165,212	610,291	465,967
1951.....	2,877,800	901,503	207,123	583,010	145,163	630,921	410,140
AMOUNT							
1941.....	4,731,060	1,489,909	403,084	1,165,501	218,428	783,177	671,261
1942.....	3,942,013	1,170,546	301,743	885,803	165,581	732,697	626,243
1943.....	3,801,401	1,237,505	279,866	752,543	152,054	857,681	581,752
1944.....	4,605,931	1,559,860	257,070	878,272	165,065	1,130,718	614,956
1945.....	5,649,819	2,017,066	249,849	1,097,039	216,981	1,402,437	665,397
1946.....	10,689,168	3,433,173	502,746	2,711,888	547,870	2,043,791	1,209,700
1947.....	11,728,077	3,650,249	847,129	3,003,794	596,481	2,008,208	1,622,816
1948.....	11,882,114	3,628,818	1,016,211	2,665,560	744,769	2,149,477	1,679,279
1949.....	11,828,001	3,046,196	1,046,063	2,445,722	749,697	2,038,593	1,901,725
1950.....	16,179,196	5,059,012	1,618,020	3,364,889	1,064,141	2,298,962	2,773,572
1951.....	16,405,367	5,294,689	1,615,173	3,370,407	1,013,366	2,539,452	2,572,280

No. 478.—INDEX OF ESTIMATED NUMBER OF NONFARM REAL ESTATE FORECLOSURES FOR CONTINENTAL UNITED STATES: 1941 TO 1951

[1935-1939=100. Adjusted for seasonal variation]

YEAR	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
1941.....	43.6	42.5	42.4	41.7	38.8	36.3	37.7	34.4	33.5	34.0	31.3	32.1	37.3
1942.....	31.9	30.7	28.8	29.1	27.5	27.7	27.7	24.5	24.9	24.5	22.5	21.7	26.8
1943.....	20.6	18.4	17.2	18.2	16.9	15.9	15.8	15.0	15.3	13.4	13.6	13.4	16.1
1944.....	11.5	13.4	12.4	9.9	10.9	11.1	10.2	9.8	10.0	9.9	10.7	10.5	10.9
1945.....	8.1	9.6	9.5	8.0	8.0	9.0	7.4	7.6	7.4	7.6	8.0	7.1	8.1
1946.....	7.7	7.0	7.4	6.9	6.5	5.9	5.8	6.1	5.9	6.2	7.7	6.8	6.7
1947.....	6.8	7.0	7.4	6.5	6.6	7.0	6.9	6.9	6.6	6.6	5.8	6.7	6.7
1948.....	7.5	7.6	8.1	7.8	7.4	8.2	8.8	8.4	8.9	8.0	8.6	9.2	8.3
1949.....	9.4	9.7	10.3	9.7	9.7	10.9	11.8	12.8	11.9	12.8	11.8	13.8	11.2
1950.....	14.1	14.5	15.3	14.1	13.7	14.6	12.9	14.1	13.7	13.1	11.9	12.8	13.7
1951.....	12.9	12.6	12.1	11.2	11.3	11.2	11.0	12.0	11.6	10.8	11.0	11.1	11.6

Source of tables 477 and 478: Housing and Home Finance Agency, Home Loan Bank Board.

No. 479.—MORTGAGE LOANS ON ONE- TO FOUR-FAMILY NONFARM HOMES, ESTIMATED BALANCE OUTSTANDING: 1939 TO 1950

[In millions of dollars. See also *Historical Statistics*, series H 120-126]

TYPE OF MORTGAGEE	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950 (prcl.)
Total	17,948	18,914	19,754	19,606	19,170	19,186	19,653	24,452	29,880	35,131	39,108	46,930
Savings and loan associations.....	3,768	4,084	4,562	4,556	4,584	4,799	5,376	7,140	8,856	10,305	11,616	13,714
Life insurance companies.....	1,490	1,758	1,970	2,255	2,410	2,468	2,258	2,570	3,459	4,925	5,970	8,302
Mutual savings banks.....	2,128	2,162	2,189	2,128	2,033	1,937	1,894	2,033	2,237	2,742	3,190	3,850
Commercial banks.....	2,094	2,444	2,670	2,750	2,705	2,701	2,873	4,573	6,292	7,380	7,941	9,464
Home Owners' Loan Corporation.....	2,038	1,956	1,777	1,567	1,338	1,091	852	636	486	369	231	10
Individuals and others.....	6,440	6,510	6,590	6,350	6,100	6,200	6,400	7,500	8,550	9,410	10,160	11,900

Source: Housing and Home Finance Agency, Home Loan Bank Board; *Annual Report*.

No. 480.—FARM CREDIT—NON-REAL ESTATE AGRICULTURAL LOANS AND DISCOUNTS, BY TYPE OF LENDER: 1930 TO 1951

[In thousands of dollars. Continental United States only. Farmers Home Administration succeeded Farm Security Administration on Nov. 1, 1946; it took over from Farm Credit Administration for liquidation the emergency crop and feed loans, including those for drought-relief and orchard rehabilitation, on that date and loans of the regional agricultural credit corporations, on April 16, 1949. See also *Historical Statistics*, series E 258, E 261-263]

ITEM	1930	1935	1940	1945	1949	1950	1951
Commercial banks:							
Agricultural loans outstanding, Jan. 1 ¹	2,490,742	840,887	1,134,573	1,377,405	2,861,174	3,052,339	2,906,115
Federal intermediate credit banks:²							
Loans to and discounts for—							
Private financing institutions:							
Made during year ³	103,906	116,137	87,314	73,039	154,035	139,455	216,394
Outstanding, Jan. 1.....	47,283	55,083	32,316	29,966	55,760	50,825	62,073
Cooperative associations:							
Made during year ⁴	109,927	44,011	4,593	4,032	9,900	9,044	15,176
Outstanding, Jan. 1.....	26,073	33,969	1,835	700	4,709	2,400	3,233
Banks for cooperatives:							
Made during year ⁵		9,503	31,061	93,481	201,421	103,418	126,077
Outstanding, Jan. 1.....			17,560	65,003	66,131	45,962	45,125
Production credit associations:							
Loans made during year ⁶		194,950	347,145	509,579	946,440	1,065,745	1,310,034
Loans outstanding, Jan. 1.....		60,469	153,425	188,306	366,822	387,454	450,673
Farmers Home Administration:⁶							
Loans made during year.....	75,340	187,037	119,193	97,665	109,549	126,443	134,906
Loans outstanding, Jan. 1.....	78,946	198,325	424,973	470,565	354,252	359,460	343,535
Rural Electrification Administration:							
Loans made during year ⁹		10	69,237	57,008	326,506	271,511	237,123
Loans outstanding, Jan. 1 ¹⁰			183,243	360,424	998,317	1,299,686	1,539,989
Commodity Credit Corporation:							
Loans outstanding, Jan. 1 ¹¹		37,162	235,038	148,222	589,767	939,018	552,451

¹ All active banks. Includes loans guaranteed by Commodity Credit Corporation.

² Excludes loans to production credit associations.

³ Includes renewals.

⁴ Includes loans guaranteed by Commodity Credit Corporation.

⁵ Includes loans of associations in liquidation. Excludes loans subject to repurchase agreement with Commodity Credit Corporation.

⁶ Includes loans to cooperatives and defense relocation corporations; also includes loans made by Emergency Crop and Feed Loan offices and by regional agricultural credit corporations.

⁷ Includes only emergency crop, feed, and drought-relief loans made by Farm Credit Administration and its predecessors.

⁸ July 1.

⁹ Net advances after deducting unused loan funds.

¹⁰ Cumulative net advances minus principal repayments.

¹¹ Includes loans made in first instance by Commodity Credit Corporation and guaranteed loans purchased from banks and other lending agencies.

Source: Department of Agriculture, Bureau of Agricultural Economics; *Agricultural Finance Review*, and *Agricultural Statistics*.

No. 481.—FARM CREDIT—FARM MORTGAGE LOANS HELD BY PRINCIPAL LENDER GROUPS, LOANS CLOSED, AND INTEREST PAYABLE: 1930 TO 1951

[In thousands of dollars except where noted. Continental United States only. Loans held by Federal Farm Mortgage Corporation were made by Land Bank Commissioner; authority to make new loans expired July 1, 1947. Farmers Home Administration succeeded Farm Security Administration on Nov. 1, 1946. Joint-stock land banks have been in liquidation since May 12, 1933; includes banks in receivership. See also *Historical Statistics*, series E 244-255]

ITEM	1930	1935	1940	1945	1948	1949	1950	1951
Total debt outstanding, Jan. 1.	9,630,768	7,584,459	6,586,399	4,932,942	4,881,744	5,108,183	5,407,310	5,827,586
Federal land banks and Federal Farm Mortgage Corporation ¹	1,201,732	2,564,179	2,723,110	1,556,983	995,999	946,076	964,727	991,439
Life insurance companies ¹	2,118,439	1,301,562	884,290	933,723	936,730	1,035,719	1,172,157	1,340,705
Commercial banks ²	997,468	498,842	534,170	440,582	793,476	847,841	879,416	943,387
Farmers Home Administration			31,927	198,377	195,069	188,893	188,856	214,047
Joint-stock land banks ¹	637,789	277,620	91,728	5,455	645	462	270	
Individuals and others	4,675,340	2,942,856	2,221,176	1,793,822	1,959,825	2,089,192	2,201,885	2,338,008
LOANS CLOSED BY								
Federal land banks and Federal Farm Mortgage Corporation	47,146	443,479	100,317	120,581	148,501	180,643	203,154	(³)
Joint-stock land banks	5,236	275	123	14				
INTEREST PAYABLE								
Interest rates on mortgage loans recorded (percent).....	6.4	5.4	(³)	4.7	(³)	4.7	(³)	(³)
Interest rates on mortgage loans outstanding, Jan. 1 (percent) ⁴	6.0	5.5	4.6	4.5	4.6	4.6	4.6	4.7
Interest charges ⁵	569,756	396,092	203,091	220,113	229,284	242,392	261,836	285,000
Index of interest charges per acre (1910-14=100).....	200	135	98	69	72	76	82	7.90

¹ Includes purchase-money mortgages and sales contracts in addition to regular mortgages.

² Beginning 1935, includes insured commercial banks; prior to 1935, open State and national banks.

³ Not available.

⁴ Average of rates on mortgages recorded during month of March only.

⁵ Average contract rates, except for temporarily reduced rates on outstanding loans of Federal land banks, 1935 and 1940, and Federal Farm Mortgage Corporation, 1940 and 1945.

⁶ Payable during calendar year on outstanding loans. Excludes amounts paid by Secretary of Treasury to Federal land banks, 1935 and 1940, and Federal Farm Mortgage Corporation, 1940 and 1945, as reimbursement for interest reductions granted borrowers.

⁷ Preliminary.

Source: Department of Agriculture, Bureau of Agricultural Economics; *Agricultural Finance Review*.

No. 482.—FEDERAL LAND BANKS—PRINCIPAL ASSETS AND LIABILITIES AS OF DEC. 31: 1941 TO 1951

[In thousands of dollars]

DECEMBER 31—	ASSETS					LIABILITIES			
	Total assets	Mortgage loans ¹	U. S. Govt. obligations, direct and fully guaranteed	Cash on hand and in banks	Farm loan bonds outstanding ²	Capital stock		Paid-in surplus, U. S. Govt.	Reserve and undivided profits ⁴
						Owned by U. S. Govt.	Other ³		
1941-----	2,193,018	1,758,430	166,861	36,564	1,704,803	67,517	107,554	145,373	116,900
1942-----	2,086,397	1,599,275	253,123	42,693	1,532,618	117,176	100,330	146,086	127,681
1943-----	1,901,061	1,355,767	398,416	30,842	1,361,802	120,260	87,999	142,022	128,919
1944-----	1,441,484	1,135,150	220,149	24,821	845,167	118,941	75,696	123,874	141,579
1945-----	1,231,881	1,025,950	144,725	33,935	630,975	117,790	68,106	50,252	162,061
1946-----	1,114,105	943,133	135,848	26,658	706,127	39,879	61,917	36,924	178,582
1947-----	990,409	868,290	104,249	21,217	661,573		56,955		195,501
1948-----	970,443	855,347	101,313	19,173	646,924		55,918		201,266
1949-----	1,011,251	897,704	106,303	18,537	718,702		57,886		205,928
1950-----	1,042,079	944,718	87,813	18,457	714,837		60,197		216,503
1951-----	1,108,184	995,967	83,194	16,861	784,140		62,902		226,342

¹ Less payments on principal and principal of delinquent and extended installments; before deductions for reserves.

² Unmatured.

³ Owned by national farm-loan associations and individual borrowers.

⁴ Not including special reserves set up against particular assets. Includes earned surplus.

Source: Department of Agriculture, Farm Credit Administration; *Annual Report*, and records.

No. 483.—FARM CREDIT ADMINISTRATION—LOANS AND DISCOUNTS MADE AND OUTSTANDING: 1932 TO 1951

[In thousands of dollars]

YEAR	FARM MORTGAGE LOANS BY—		LOANS TO COOPERATIVES BY—			FEDERAL INTER- MEDIATE CREDIT BANKS, LOANS TO AND DISCOUNTS FOR 1—		Production credit asso- cia- tions ^{1,2}
	Federal land banks	Land Bank Com- missioner	Federal inter- mediate credit banks (di- rect) ¹	Banks for co- opera- tives, includ- ing cen- tral bank ²	Agricul- tural Market- ing Act revolv- ing fund ¹	Prod. credit asso- cia- tions, banks for co-ops ³	Private financ- ing in- stitu- tions ⁴	
Made during year—								
Cumulative to Dec. 31, 1932..	1,725,240		815,423		369,479		819,230	
1933.....	151,634	70,812	27,910	27,144	40,687	27	250,786	27
1934.....	730,867	553,139	67,369	40,371	9,655	110,102	238,383	107,210
1935.....	248,671	196,305	44,509	66,846	7,402	220,204	149,443	196,306
1936.....	109,170	77,258	3,765	81,294	20,449	271,700	106,206	228,090
1937.....	63,692	40,020	5,129	97,684	5,935	342,979	101,458	286,820
1938.....	51,418	29,305	2,668	94,946	7,611	370,888	90,466	302,153
1939.....	51,582	27,417	4,166	83,900	1,214	381,222	86,558	320,483
1940.....	64,276	36,664	4,593	101,231	3,094	419,072	88,503	349,888
1941.....	65,068	37,533	5,651	181,569	3,990	539,297	102,261	418,196
1942.....	53,674	28,534	9,397	252,379	5,017	606,522	110,078	477,715
1943.....	61,900	30,497	5,000	398,581	1,417	827,474	94,902	501,212
1944.....	70,275	35,017	3,402	363,037	800	792,462	81,744	490,477
1945.....	92,980	29,462	4,032	355,702	600	759,937	74,401	519,116
1946.....	130,182	15,035	11,579	390,769	975	922,816	88,092	614,613
1947.....	138,764	10,606	14,128	530,243	1,400	1,126,163	112,832	737,611
1948.....	150,514	⁵ 17	13,639	494,678	1,000	1,366,734	105,710	924,314
1949.....	182,357	⁵ 19	9,900	494,678	1,000	1,416,948	102,593	955,980
1950.....	205,932	⁵ 25	9,044	402,176	700	1,443,287	174,661	1,076,710
1951.....	214,220	⁵ 58	15,176	568,961	700	1,846,205	224,304	1,320,397
Outstanding Dec. 31—								
1932.....	1,128,564		9,865		158,885		82,518	
1933.....	1,232,707	70,738	15,211	18,697	157,752	27	134,225	27
1934.....	1,915,762	616,825	33,969	27,851	54,863	61,024	94,323	60,852
1935.....	2,071,925	794,728	2,731	50,013	44,433	104,706	47,162	93,910
1936.....	2,064,158	836,779	1,641	69,647	53,754	129,872	41,017	106,089
1937.....	2,035,307	812,749	1,813	87,033	30,982	165,194	40,404	137,349
1938.....	1,982,224	752,851	1,920	87,466	25,723	168,392	33,545	146,478
1939.....	1,904,655	690,880	1,835	76,252	20,547	165,236	33,354	153,674
1940.....	1,851,218	648,206	1,490	74,741	16,461	186,933	34,102	171,866
1941.....	1,764,398	596,802	2,152	113,444	16,914	226,017	39,222	187,497
1942.....	1,602,846	512,197	2,000	144,644	12,551	272,964	39,059	184,662
1943.....	1,357,937	406,190	2,000	235,174	7,351	308,671	35,778	198,734
1944.....	1,136,928	329,700	700	212,835	3,067	267,135	31,197	191,634
1945.....	1,027,587	228,397	2,042	157,545	2,693	241,879	27,870	198,586
1946.....	944,491	140,127	4,151	181,550	2,232	270,461	34,244	233,907
1947.....	869,425	103,195	4,000	274,777	2,603	334,087	42,909	293,608
1948.....	855,573	75,237	4,709	304,684	1,315	425,468	61,465	371,825
1949.....	899,475	56,726	2,400	301,887	1,365	423,038	57,941	392,280
1950.....	946,469	42,616	3,233	344,978	1,309	485,322	66,787	455,472
1951.....	997,573	31,882	4,000	423,952	1,451	611,472	83,441	507,619

¹ Includes renewals.² Excludes advances in connection with Commodity Credit Corporation programs.³ Duplicates amount of credit extended and outstanding for the 2 agencies concerned.⁴ Includes \$109,718,000 in 1933, \$113,435,000 in 1934, and \$32,534,000 in 1935 for loans made to regional agricultural credit corporations; \$73,236,000 in 1933 and \$38,651,000 in 1934 for loans outstanding to regional agricultural credit corporations.⁵ Excludes data for associations placed in liquidation.⁶ Represents refinancing of existing commissioner loans; lending authority of Land Bank Commissioner expired July 1, 1947.Source: Department of Agriculture, Farm Credit Administration; *Annual Report*, *Semiannual Report on Loans and Discounts*, and records.

No. 484.—FARM CREDIT ADMINISTRATION—LOANS AND DISCOUNTS MADE DURING
YEAR ENDING DEC. 31, 1951

[In thousands of dollars]

DISTRICT AND STATE	FARM MORTGAGE LOANS BY—		LOANS TO COOPERATIVES BY—			FEDERAL INTERME- DIATE CREDIT BANKS, LOANS TO AND DIS- COUNTS FOR 2—		Produc- tion credit associa- tions ²
	Federal land banks	Land Bank Commis- sioner ¹	Federal inter- mediate credit banks (direct) ²	Banks for coop- eratives including central bank	Agricul- tural Market- ing Act revolving fund ²	Prod. credit assoc'ns and banks for coops ²	Private financing institu- tions	
Total.....	214,220	58	15,176	568,961	700	1,845,205	224,304	1,320,397
District No. 1.....	7,799		15,000	83,464		72,086	662	60,236
Maine.....	476			8,507		5,183	278	3,640
New Hampshire.....	247			24		1,051		1,006
Vermont.....	1,102			792		7,108		6,809
Massachusetts.....	643			67,801		3,871	214	2,960
Rhode Island.....	44					714	2	600
Connecticut.....	440			1,320		5,622		4,548
New York.....	3,662		15,000	4,303		41,449	78	35,041
New Jersey.....	1,179			717		7,088	90	5,572
District No. 2.....	10,465			18,642		73,271	8,072	61,054
Pennsylvania.....	3,472			6,940		20,498		18,025
Delaware.....	277					2,380		2,335
Maryland.....	1,288			1,042		20,678		13,024
Virginia.....	1,864			6,824		14,727	162	13,554
West Virginia.....	721			55		3,647		3,153
Puerto Rico.....	2,843			3,781		11,341	7,910	10,363
District No. 3.....	12,340			67,719		121,802	1,410	95,491
North Carolina.....	3,627			3,397		37,345	681	29,375
South Carolina.....	2,454			410		20,557	52	16,760
Georgia.....	4,350			20,395		37,402		29,815
Florida.....	2,000			43,517		26,498	677	20,541
District No. 4.....	16,107			28,518		185,055	13,274	129,087
Ohio.....	4,696			8,512		66,800	4,613	43,726
Indiana.....	5,311			11,992		64,574	2,091	46,966
Kentucky.....	3,373			1,962		37,519	4,251	22,444
Tennessee.....	2,727			6,052		26,072	2,319	15,951
District No. 5.....	11,688			16,898		87,768	21,476	86,414
Alabama.....	4,680			1,156		15,309	1,452	14,989
Mississippi.....	5,117			9,293		44,410	17,664	42,787
Louisiana.....	1,891			5,449		27,959	2,360	25,668
District No. 6.....	20,554			44,106		226,703	11,172	148,040
Illinois.....	12,618			10,485		80,527	4,864	66,063
Missouri.....	5,189			10,455		96,845	3,148	53,106
Arkansas.....	2,747			23,166		49,331	3,660	28,871
District No. 7.....	28,387			79,516		113,478	8,877	84,685
Michigan.....	6,930			10,493		16,436	2	13,934
Wisconsin.....	8,336			26,215		29,006	4,367	25,609
Minnesota.....	11,748			42,218		63,164	3,045	35,037
North Dakota.....	1,373			590		14,882	1,463	10,105
District No. 8.....	33,487	14		26,158		167,853	16,948	135,090
Iowa.....	15,447	8		19,198		73,077	2,995	61,193
South Dakota.....	7,551	1		921		28,557	3,506	23,450
Nebraska.....	8,851	1		5,314		60,523	2,222	38,240
Wyoming.....	1,638	4		725		15,696	6,235	12,207
District No. 9.....	19,464			67,683	350	155,033	30,024	117,579
Kansas.....	8,126			31,437		45,995	2,864	34,302
Oklahoma.....	5,564			32,058	350	42,985	11,315	31,191
Colorado.....	4,031			2,249		45,839	10,707	37,115
New Mexico.....	1,743			1,939		20,214	6,138	14,071
District No. 10.....	23,506	6		53,469	350	251,241	55,256	162,271
Texas.....	23,506	6		53,469	350	251,241	55,256	162,271
District No. 11.....	13,487		176	62,994		162,584	53,220	110,036
Arizona.....	645			244		15,084	13,420	10,894
Utah.....	1,030			8,573		17,142	9,490	13,804
Nevada.....	167					8,182	2,990	4,785
California.....	11,645		176	54,172		122,170	27,320	80,553
District No. 12.....	16,936	38		20,794		183,854	5,813	129,414
Montana.....	3,655	6		62		61,745	2,077	42,059
Idaho.....	5,561	14		1,425		49,135	490	38,115
Washington.....	4,078	10		8,310		27,732	1,757	13,910
Oregon.....	3,642	8		10,997		45,242	1,489	35,330

¹ Represents refinancing of existing commissioner loans; lending authority of Land Bank Commissioner expired July 1, 1947.

² Includes renewals.

³ Duplicates credit extended by the 2 agencies concerned.

⁴ Includes \$44,477,000 of direct loans made to the Central Bank for Cooperatives which cannot be allocated by States.

Source: Department of Agriculture, Farm Credit Administration; *Annual Report, Semiannual Report on Loans and Discounts*, and records.

**No. 485.—FARM CREDIT ADMINISTRATION—LOANS AND DISCOUNTS OUTSTANDING,
Dec. 31, 1951**

[In thousands of dollars]

DISTRICT AND STATE	FARM MORTGAGE LOANS BY—		LOANS TO COOPERATIVES BY—			FEDERAL INTERMEDIATE CREDIT BANKS LOANS TO AND DISCOUNTS FOR—		Production credit associations
	Federal land banks	Land Bank Commissioner	Federal intermediate credit banks (direct)	Banks for cooperatives including central bank	Agricultural Marketing Act revolving fund	Prod. credit assoc'ns. and banks for co-ops ¹	Private financing institutions	
Total.....	997,573	31,882	4,000	423,952	1,451	2,611,473	83,441	567,619
District No. 1.....	56,217	2,923	4,000	54,033		32,393	351	34,451
Maine.....	2,690	219		3,217		2,054	127	2,082
New Hampshire.....	1,641	70		69		495		608
Vermont.....	6,116	197		1,310		3,810		4,087
Massachusetts.....	5,788	341		36,120		1,552	165	1,625
Rhode Island.....	841	58				337		360
Connecticut.....	4,397	342		344		2,337		2,779
New York.....	27,117	1,174	4,000	12,202		13,031	38	20,205
New Jersey.....	7,628	546		771		2,567	21	2,807
District No. 2.....	45,181	2,064		30,007		37,126	5,671	36,339
Pennsylvania.....	13,522	338		11,363		11,365		11,644
Delaware.....	705	22				1,174		1,242
Maryland.....	4,850	143		1,285		8,052		7,589
Virginia.....	8,960	217		14,704		7,031	71	7,891
West Virginia.....	5,910	133		131		2,132		2,125
Puerto Rico.....	13,144	1,211		2,434		5,880	5,000	6,248
District No. 3.....	55,952	2,703		29,217	350	35,766	677	36,739
North Carolina.....	16,369	672		4,781		6,596		6,900
South Carolina.....	11,355	608		4,412		4,593		6,076
Georgia.....	18,536	799		13,608	350	10,718		11,541
Florida.....	9,696	623		10,416		13,850		13,222
District No. 4.....	67,896	1,310		30,502	300	75,333	5,879	71,632
Ohio.....	20,295	267		12,663		25,041	3,235	25,299
Indiana.....	24,146	362		12,619		23,555	970	23,050
Kentucky.....	11,851	301		1,427		16,848	1,050	13,614
Tennessee.....	11,604	320		3,793	300	9,289	594	9,069
District No. 5.....	56,161	1,327		14,380		24,868	5,223	26,460
Alabama.....	22,005	476		5,950		5,236	723	5,331
Mississippi.....	21,722	377		7,513		11,218	3,945	11,235
Louisiana.....	12,374	430		4,924		8,414	555	9,834
District No. 6.....	94,547	2,203		38,029	4	65,458	4,165	64,893
Illinois.....	58,170	690		6,653	4	32,319	2,054	33,360
Missouri.....	24,467	1,014		13,820		25,008	1,024	22,866
Arkansas.....	11,920	490		17,556		7,533	487	8,067
District No. 7.....	125,878	6,354		54,814	97	49,051	5,532	42,700
Michigan.....	26,871	538		8,122	97	7,522	2	7,751
Wisconsin.....	36,447	2,133		6,756		13,023	2,861	13,214
Minnesota.....	52,045	1,736		33,586		23,834	1,806	18,969
North Dakota.....	9,915	1,027		1,050		4,606	863	4,885
District No. 8.....	180,356	2,771		16,062		67,840	6,292	59,074
Iowa.....	88,121	830		10,601		25,515	1,457	26,776
South Dakota.....	34,048	704		713		9,759	1,269	10,246
Nebraska.....	49,226	1,022		3,749		18,044	765	16,914
Wyoming.....	8,361	206		900		4,522	2,811	6,138
District No. 9.....	79,327	2,076		59,597	350	50,741	11,343	53,197
Kansas.....	33,828	852		30,970		16,042	1,000	16,714
Oklahoma.....	22,120	629		23,076	350	14,619	4,965	15,357
Colorado.....	17,047	373		3,787		14,843	4,067	15,507
New Mexico.....	6,323	222		1,794		5,237	1,805	5,619
District No. 10.....	101,502	2,601		28,748	350	53,313	18,642	55,490
Texas.....	101,502	2,001		28,748	350	53,313	18,642	55,490
District No. 11.....	68,341	3,211		46,334		43,178	17,433	36,973
Arizona.....	5,006	133		202		3,805	3,378	3,034
Utah.....	6,837	330		5,627		5,735	4,779	5,834
Nevada.....	1,379	40				1,930	1,006	1,057
California.....	55,119	2,648		40,445		31,708	8,270	25,248
District No. 12.....	66,275	2,339		23,219		49,940	2,233	49,678
Montana.....	14,410	690		274		14,312	886	15,371
Idaho.....	19,455	573		1,888		14,300	276	15,057
Washington.....	16,554	572		7,990		8,741	771	6,193
Oregon.....	15,856	548		12,067		12,587	300	14,052

¹ Duplicates loans outstanding for the 2 agencies concerned.

² Includes \$36,406,000 of direct loans made to the Central Bank for Cooperatives which cannot be allocated by States.

Source: Department of Agriculture, Farm Credit Administration; *Annual Report, Semiannual Report on Loans and Discounts*, and records.

NO. 486.—FARMERS HOME ADMINISTRATION—REAL-ESTATE AND NON-REAL-ESTATE LOANS TO INDIVIDUALS, BY STATES

[In thousands of dollars. Includes loans made from corporation trust funds]

DIVISION AND STATE	REAL-ESTATE LOANS ¹				NON-REAL-ESTATE LOANS				
	Direct farm ownership		Farm housing		Production and subsistence ²		Disaster ³		Emergency crop and feed loans outstanding Jan. 1, 1951
	Amount of loans in 1950 ²	Amount of loans outstanding Jan. 1, 1951 ³	Amount of loans in 1950 ⁴	Amount of loans outstanding Jan. 1, 1951	Amount of loans in 1950	Amount of loans outstanding Jan. 1, 1951 ⁵	Amount of loans in 1950	Amount of loans outstanding Jan. 1, 1951 ⁶	
Total	14,859	191,454	29,903	26,782	97,705	262,845	30,085	22,549	53,349
New England	189	2,434	383	336	1,785	5,921	413	507	313
Maine.....	87	704	319	289	1,216	3,219	89	98	243
New Hampshire.....	23	162	9	4	186	911	64	65	16
Vermont.....	28	604	13	12	209	1,103	74	101	26
Massachusetts.....	26	513	12	12	103	446	96	137	14
Rhode Island.....		80			33	92	33	38	
Connecticut.....	26	241	30	19	38	150	57	68	16
Middle Atlantic	342	7,762	992	872	3,789	13,818	881	796	304
New York.....	97	2,754	235	215	1,650	6,403	645	461	112
New Jersey.....	59	1,563	172	136	595	2,206	236	309	54
Pennsylvania.....	180	3,445	585	521	1,444	5,209		26	138
East North Central	1,198	16,621	2,395	2,196	8,452	27,133	966	1,850	1,142
Ohio.....	331	3,673	228	220	1,375	4,371	2	9	142
Indiana.....	314	3,209	499	463	1,215	3,286	38	43	100
Illinois.....	163	2,776	417	397	1,726	5,123	329	314	121
Michigan.....	146	3,102	791	711	1,745	7,042	154	260	248
Wisconsin.....	264	3,861	460	405	2,391	7,311	443	1,215	531
West North Central	4,018	32,119	8,688	8,253	16,795	46,300	2,092	1,126	27,662
Minnesota.....	934	6,454	470	400	2,932	8,806	255	220	2,071
Iowa.....	735	3,870	324	309	1,897	4,219		6	15
Missouri.....	1,173	8,800	979	874	3,295	8,256	527	217	652
North Dakota.....	271	2,646	305	245	1,936	5,480	738	163	14,690
South Dakota.....	130	2,042	429	379	1,848	7,728	530	167	7,160
Nebraska.....	317	3,155	754	657	2,048	5,222		19	1,368
Kansas.....	458	5,252	427	389	1,842	6,529	42	334	1,716
South Atlantic	2,674	31,865	5,801	5,391	16,000	36,551	6,198	3,875	4,043
Delaware.....	4	287	7	7	72	308		2	32
Maryland.....	88	1,398	223	197	686	2,196		27	249
Virginia.....	357	2,004	686	616	1,422	3,004	587	413	719
West Virginia.....	128	1,440	638	588	601	1,656	18	25	83
North Carolina.....	723	6,572	999	955	4,617	5,553	596	191	311
South Carolina.....	389	6,379	1,018	932	3,138	7,587	1,854	551	954
Georgia.....	868	11,327	1,768	1,650	4,267	11,507	2,096	794	1,036
Florida.....	117	1,858	462	446	1,297	4,740	948	1,372	659
East South Central	2,072	35,008	4,622	4,143	10,850	28,220	7,271	2,303	1,595
Kentucky.....	176	2,787	632	589	2,056	3,912		3	106
Tennessee.....	379	6,333	1,129	1,046	1,777	3,286	260	76	362
Alabama.....	876	9,333	1,726	1,515	3,713	9,490	1,150	407	474
Mississippi.....	641	17,555	1,135	993	3,404	11,532	5,851	1,817	653
West South Central	1,752	43,683	6,009	5,160	22,652	53,901	8,994	6,083	6,926
Arkansas.....	411	10,685	578	522	4,426	11,254	5,918	2,569	1,734
Louisiana.....	218	6,162	1,009	931	3,178	6,531	650	191	1,004
Oklahoma.....	536	9,172	1,846	1,677	6,208	14,370	218	462	685
Texas.....	687	17,664	2,576	2,030	8,840	21,746	2,208	2,861	3,503
Mountain	1,656	13,274	3,317	3,111	12,111	31,868	1,523	8,310	6,838
Montana.....	214	2,806	410	386	2,257	6,339	681	476	3,713
Idaho.....	657	2,671	842	822	2,261	5,146	236	576	327
Wyoming.....	214	1,170	363	327	2,035	4,827	5	578	504
Colorado.....	130	1,687	309	300	2,478	6,814	260	777	1,110
New Mexico.....	102	1,296	395	345	1,493	3,978		33	861
Arizona.....	36	755	219	197	462	1,154	66	68	126
Utah.....	267	2,597	702	666	1,033	3,148	801	469	181
Nevada.....	46	292	77	68	122	462	74	334	16
Pacific	585	5,037	2,057	1,782	4,377	15,873	1,742	3,194	4,460
Washington.....	273	1,703	534	451	1,839	5,967	291	981	2,277
Oregon.....	199	1,515	533	452	1,166	3,399	180	279	869
California.....	113	1,819	990	879	1,372	6,507	1,271	1,334	1,314
Hawaii.....	93	765	227	223	109	404			1
Puerto Rico.....	247	2,824	408	311	1,716	2,642	5	5	47
Alaska.....	24	48	1	1	46	133			18
Virgin Islands.....	9	14	3	3	23	81			

¹ Excludes insured mortgage farm ownership loans.

² Amount obligated for tenant purchase, farm enlargement and farm development loans.

³ Includes project liquidation loans. ⁴ Amount obligated. ⁵ Includes water facilities loans.

⁶ Includes rural rehabilitation, construction and wartime adjustment loans.

⁷ Includes fur, orchard and flood damage loans.

⁸ Includes flood and windstorm restoration loans and Regional Agricultural Credit Corporation loans made by Farm Credit Administration prior to transfer of funds to Farmers Home Administration on April 16, 1949.

Source: Department of Agriculture, Farmers Home Administration; *Agricultural Statistics*.

No. 487.—CONSUMER CREDIT, BY MAJOR PARTS: 1932 TO 1951

[In millions of dollars. Estimated amounts outstanding]

END OF YEAR	Total con- sumer credit	INSTALLMENT CREDIT					NONINSTALLMENT CREDIT			
		Total install- ment credit	Sale credit			Loans ¹	Total	Single- pay- ment loans ²	Charge ac- counts	Service credit
			Total	Auto- mobile	Other					
1932	3,493	1,518	999	322	677	519	1,975	370	1,114	491
1933	3,439	1,588	1,122	460	663	466	1,851	303	1,081	467
1934	3,846	1,860	1,317	576	741	543	1,986	332	1,203	451
1935	4,773	2,622	1,805	940	865	817	2,151	387	1,292	472
1936	5,933	3,518	2,436	1,289	1,147	1,082	2,415	476	1,419	520
1937	6,513	3,900	2,752	1,384	1,368	1,208	2,553	537	1,459	557
1938	6,128	3,595	2,313	970	1,343	1,282	2,533	523	1,487	523
1939	7,031	4,424	2,792	1,267	1,525	1,632	2,607	530	1,544	533
1940	8,163	5,417	3,450	1,729	1,721	1,967	2,746	536	1,650	560
1941	8,826	5,887	3,744	1,942	1,802	2,143	2,939	565	1,764	610
1942	5,692	3,048	1,617	482	1,135	1,431	2,644	483	1,513	648
1943	4,600	2,001	882	175	707	1,119	2,599	414	1,498	687
1944	4,976	2,051	891	200	691	1,170	2,915	428	1,758	729
1945	5,627	2,364	942	227	715	1,422	3,293	510	1,981	772
1946	8,677	4,000	1,648	544	1,104	2,352	4,677	749	3,054	874
1947	11,862	6,434	3,086	1,151	1,935	3,348	5,428	896	3,612	920
1948	14,366	8,600	4,528	1,901	2,627	4,072	5,766	949	3,854	963
1949	16,809	10,890	6,240	3,144	3,096	4,660	5,919	1,018	3,999	992
1950	20,097	13,459	7,904	4,126	3,778	5,555	6,638	1,332	4,239	1,067
1951	20,644	13,510	7,545	4,039	3,507	5,964	7,134	1,436	4,587	1,111

¹ Includes repair and modernization loans insured by Federal Housing Administration.² Noninstallment loans (single-payment loans of commercial banks and pawnbrokers).Source: Board of Governors of the Federal Reserve System. Figures published currently in *Federal Reserve Bulletin*.

No. 488.—CONSUMER INSTALLMENT LOANS: 1932 TO 1951

[In millions of dollars. Estimated amounts outstanding]

END OF YEAR	Total	Com- mercial banks ¹	Small loan com- panies	Indus- trial banks ¹	Indus- trial loan com- panies ¹	Credit unions	Miscel- laneous lenders	Insured repair and modern- ization loans ²
1932	519	31	268	143		19	58	-----
1933	496	29	246	121		20	50	-----
1934	543	44	204	125		25	60	25
1935	817	88	287	156		37	79	170
1936	1,082	161	326	191		58	102	244
1937	1,268	258	374	221		83	125	147
1938	1,282	312	380	129	95	103	117	146
1939	1,632	523	448	131	99	135	96	200
1940	1,967	692	498	132	104	174	99	268
1941	2,143	784	531	134	107	200	102	285
1942	1,431	426	417	89	72	130	91	205
1943	1,119	316	364	67	59	104	86	123
1944	1,170	357	384	68	60	100	88	113
1945	1,422	477	430	76	70	103	93	164
1946	2,352	956	597	117	98	153	109	322
1947	3,348	1,435	701	106	134	225	119	568
1948	4,072	1,709	817	204	160	312	131	739
1949	4,660	1,951	929	250	175	402	142	801
1950	5,555	2,431	1,084	291	203	525	157	864
1951	5,964	2,510	1,268	301	229	542	176	938

¹ Includes only personal installment cash loans, retail automobile direct loans, and other retail direct loans.² Includes only loans insured by Federal Housing Administration adjusted by Federal Reserve to exclude nonconsumer loans.Source: Board of Governors of the Federal Reserve System. Figures published currently in *Federal Reserve Bulletin*.

No. 489.—CONSUMER INSTALLMENT SALE CREDIT, EXCLUDING AUTOMOBILE CREDIT:
1932 to 1951

[In millions of dollars. Estimated amounts outstanding]

END OF YEAR	Total, ex- cluding automobile	Depart- ment stores and mail order houses	Furniture stores	Household appliance stores	Jewelry stores	All other retail stores
1932.....	677	103	313	121	30	110
1933.....	693	119	299	119	29	97
1934.....	741	146	314	131	35	115
1935.....	865	186	336	171	40	132
1936.....	1,147	256	405	255	56	174
1937.....	1,398	314	469	307	68	210
1938.....	1,343	302	485	266	70	220
1939.....	1,525	377	536	273	93	246
1940.....	1,721	439	599	302	110	271
1941.....	1,802	466	619	313	120	284
1942.....	1,135	252	440	188	76	179
1943.....	707	172	239	78	57	111
1944.....	601	183	203	50	56	109
1945.....	716	198	296	51	57	113
1946.....	1,104	337	386	118	89	174
1947.....	1,935	650	587	249	144	305
1948.....	2,567	874	750	387	152	404
1949.....	3,096	1,010	935	500	163	488
1950.....	3,778	1,245	1,029	710	(1) (4)	754
1951.....	3,507	1,186	971	613		737

¹ Included in all other.

Source: Board of Governors of the Federal Reserve System. Figures published currently in *Federal Reserve Bulletin*.

No. 490.—STATE AND FEDERAL CREDIT UNIONS—RELATIVE DEVELOPMENT: 1925 TO 1950

[See headnote, table 491]

YEAR	TOTAL NUMBER OF CREDIT UNIONS		CREDIT UNIONS REPORTING		MEMBERS		AMOUNT OF LOANS MADE (\$1,000)		ASSETS (\$1,000)	
	Total ¹	State	Total ¹	State	Total ¹	State	Total ¹	State	Total ¹	State
1925.....	419	419	176	176	108,000	108,000	20,100	20,100	(2)	(2)
1929.....	974	974	838	838	264,908	264,908	54,048	54,048	(2)	(2)
1931.....	1,500	1,500	1,244	1,244	286,143	286,143	21,215	21,215	33,645	33,645
1932.....	1,612	1,612	1,472	1,472	301,119	301,119	32,065	32,065	31,416	31,416
1933.....	2,016	2,016	1,772	1,772	359,646	359,646	28,218	28,218	35,497	35,497
1934.....	2,450	2,450	2,028	2,028	427,097	427,097	36,200	36,200	40,212	40,212
1935.....	3,506	2,000	3,351	2,589	716,274	597,609	30,172	36,850	50,333	47,964
1936.....	5,348	3,490	4,459	2,734	1,162,126	854,475	100,200	84,542	82,802	73,659
1937.....	6,219	3,792	5,424	3,128	1,538,177	1,055,736	141,400	110,625	116,338	97,088
1938.....	7,158	4,209	6,730	3,977	1,868,262	1,236,826	175,343	129,059	147,294	117,672
1939.....	8,077	4,782	7,840	4,677	2,309,183	1,459,377	226,492	155,473	193,600	145,803
1940.....	9,152	5,267	8,914	5,175	2,826,612	1,700,300	305,930	200,943	253,150	180,649
1941.....	10,042	5,663	9,650	5,606	3,304,390	1,907,694	362,291	227,959	322,215	216,558
1942.....	10,009	5,622	9,470	5,400	3,144,603	1,797,084	250,000	158,463	340,348	221,115
1943.....	9,549	5,285	8,983	5,124	3,023,603	1,721,240	208,808	131,543	355,263	228,315
1944.....	9,641	4,993	8,702	4,907	2,933,507	1,629,706	209,955	131,622	397,930	253,664
1945.....	8,882	4,923	8,615	4,858	2,842,989	1,626,364	211,350	133,087	434,627	281,524
1946.....	8,968	5,003	8,716	4,954	3,019,748	1,717,616	291,194	176,433	495,249	322,083
1947.....	9,168	5,155	8,942	5,097	3,339,859	1,893,944	455,834	271,324	591,127	380,751
1948.....	9,497	5,273	9,329	5,271	3,749,047	2,120,708	633,784	360,546	701,451	443,050
1949.....	10,073	5,427	9,897	5,402	4,090,721	2,271,115	781,633	432,721	827,089	510,726
1950.....	10,681	5,597	10,569	5,585	4,609,362	2,482,539	995,959	529,171	1,095,001	599,166

¹ Covers data for State and Federal credit unions.

² No data.

Source: Department of Labor, Bureau of Labor Statistics. Annual figures published in *Monthly Labor Review*.

No. 491.—CREDIT UNIONS—OPERATIONS, 1949 AND 1950, AND BY STATES, 1950

[Data for State-chartered associations furnished by State officials—usually Superintendent of Banks—charged with supervision of credit unions. All data for Federal credit unions furnished by Bureau of Federal Credit Unions, Federal Security Agency]

YEAR AND STATE	NUMBER OF ASSOCIATIONS		Number of members	LOANS		Amount outstanding at end of year (\$1,000)
	Total active	Reporting ¹		Made during year		
				Number	Amount (\$1,000)	
Total: 1949	10,073	9,897	4,090,721	3,010,352	781,633	504,132
1950	10,581	10,569	4,609,362	3,301,595	995,959	679,596
State associations:						
1949.....	5,427	5,402	2,271,115	1,070,085	432,721	329,485
1950.....	5,697	5,685	2,482,539	1,741,872	520,171	415,861
Federal associations:						
1949.....	4,646	4,495	1,819,606	1,390,067	348,912	174,647
1950.....	4,984	4,984	2,126,823	1,559,723	466,789	263,736
1950						
Alabama ²	60	80	47,049	79,737	15,762	7,534
Arizona.....	20	29	8,750	6,842	2,672	1,604
Arkansas ²	34	34	7,301	5,978	1,075	628
California.....	603	601	367,706	279,468	99,165	69,407
Colorado.....	124	124	47,609	34,896	12,715	8,707
Connecticut.....	203	203	124,482	287,340	27,063	14,255
Delaware ¹	8	8	3,830	2,075	857	692
District of Columbia.....	121	121	113,736	274,209	22,301	13,708
Florida.....	218	217	71,762	68,808	20,135	12,216
Georgia.....	155	158	64,542	246,420	212,450	9,185
Idaho.....	36	36	7,087	24,129	1,261	860
Illinois.....	928	928	472,055	376,279	97,845	64,058
Indiana.....	327	327	247,197	297,740	29,157	18,046
Iowa.....	212	205	52,896	43,010	10,588	7,828
Kansas.....	142	142	44,524	27,928	9,662	6,949
Kentucky.....	122	123	236,102	227,983	27,682	6,778
Louisiana.....	182	182	264,196	251,881	213,711	8,149
Maine.....	50	50	19,285	13,388	3,305	2,044
Maryland.....	96	96	48,289	27,867	25,699	4,543
Massachusetts.....	552	552	343,606	2185,096	266,952	40,269
Michigan.....	378	379	231,875	172,035	56,871	42,460
Minnesota.....	335	335	104,953	70,719	27,513	23,233
Mississippi.....	37	37	10,098	12,980	1,937	1,153
Missouri.....	416	416	2131,967	288,660	25,174	21,544
Montana.....	46	45	9,952	25,729	21,074	21,945
Nebraska.....	98	98	27,794	20,578	6,776	4,394
Nevada ³	11	11	2,506	1,807	466	311
New Hampshire.....	16	16	8,262	25,272	22,050	2,051
New Jersey.....	299	299	142,685	90,066	23,480	13,068
New Mexico.....	39	39	5,713	2,846	2,838	559
New York.....	790	790	304,824	223,238	71,690	44,862
North Carolina ²	226	226	50,323	37,775	8,035	5,053
North Dakota.....	91	91	15,957	5,407	2,278	2,808
Ohio.....	663	661	301,821	214,945	67,238	40,429
Oklahoma.....	82	79	232,470	22,372	28,425	6,256
Oregon.....	74	74	26,398	21,061	7,232	4,902
Pennsylvania.....	664	664	317,254	218,259	60,906	33,336
Rhode Island.....	52	52	51,344	20,573	9,775	14,334
South Carolina.....	31	31	10,949	10,662	1,991	1,000
South Dakota ³	36	36	6,953	4,972	1,256	807
Tennessee.....	161	161	74,547	64,759	16,297	11,451
Texas.....	484	484	179,956	160,630	54,808	35,125
Utah.....	82	82	22,758	16,332	5,775	4,935
Vermont.....	29	29	4,451	3,295	345	220
Virginia.....	119	119	44,028	35,993	8,254	4,684
Washington.....	189	189	64,021	46,107	15,562	10,774
West Virginia.....	74	74	19,843	16,032	3,868	2,362
Wisconsin.....	540	540	193,630	121,940	28,215	25,067
Wyoming ¹	19	19	3,760	2,389	670	395
Alaska ²	11	11	1,855	1,499	423	179
Canal Zone ²	5	5	2,949	2,882	112	59
Hawaii ²	106	106	43,220	28,551	13,943	8,051
Puerto Rico.....	56	56	8,333	8,892	808	412

¹ In some States number reporting is greater than total at end of year because former includes associations which, although transacting some business during year, had ceased operation by end of year.

² Partly estimated.

³ Federal credit unions only; no State-chartered associations in this State or area.

⁴ Excludes loans on real estate, which can be made only from surplus funds.

Sources: Department of Labor, Bureau of Labor Statistics; *Monthly Labor Review*, November 1951.

No. 492.—MONEY RATES—OPEN-MARKET RATES IN NEW YORK CITY: 1890 TO 1951

[Percent per annum. See also *Historical Statistics*, series N 185-187, for data on prime commercial paper, stock exchange time loans, and call loan renewals]

YEARLY AVERAGE	Prime commercial paper, 4 to 6 months	Prime bankers' acceptances, 90 days	Stock exchange time loans, 90 days	Stock exchange call loan renewals	YIELDS ON U. S. GOVERNMENT SECURITIES		
					3-month bills ¹	9- to 12-month taxable issues	3- to 5-year taxable issues
1890.....	6.91		5.31	5.84			
1900.....	5.71		3.94	2.94			
1910.....	5.72		4.03	2.98			
1915.....	4.01		2.85	1.92			
1920.....	7.50	6.06	8.06	7.74			
1925.....	4.02	3.29	4.23	4.18			
1930.....	3.59	2.48	3.26	2.04			
1940.....	.56	.44	1.25	1.00	.014		
1944.....	.73	.44	1.25	1.00	.375	.79	1.33
1945.....	.75	.44	1.25	1.00	.375	.81	1.18
1946.....	.81	.61	1.35	1.16	.375	.82	1.16
1947.....	1.03	.87	1.50	1.38	.504	.88	1.32
1948.....	1.44	1.11	1.55	1.55	1.040	1.14	1.62
1949.....	1.48	1.12	1.63	1.63	1.102	1.14	1.43
1950.....	1.45	1.15	1.63	1.63	1.218	1.26	1.50
1951.....	2.17	1.60	2.30	2.17	1.552	1.73	1.93

¹ Rate on new issues within period. Tax-exempt bills prior to March 1941; taxable bills thereafter.

Source: Board of Governors of the Federal Reserve System, *Banking and Monetary Statistics*. Monthly and weekly figures published currently in *Federal Reserve Bulletin*.

No. 493.—BUSINESS LOAN RATES—AVERAGES OF RATES CHARGED ON SHORT-TERM LOANS TO BUSINESSES BY BANKS IN SELECTED CITIES: 1939 TO 1951

[Percent per annum. Prior to 1939, figures reported on basis not strictly comparable with current series. See *Historical Statistics*, series N 188-191]

YEAR	Total 10 cities	New York City	7 other Northern and Eastern cities	11 Southern and Western cities	YEAR	Total 19 cities	New York City	7 other Northern and Eastern cities	11 Southern and Western cities
1939.....	2.1	1.8	2.0	2.5	1945.....	2.2	2.0	2.5	2.5
1940.....	2.1	1.8	2.0	2.5	1946.....	2.1	1.8	2.1	2.5
1941.....	2.0	1.8	1.9	2.5	1947.....	2.1	1.8	2.2	2.6
1942.....	2.2	2.0	2.3	2.6	1948.....	2.5	2.2	2.6	2.9
1943.....	2.6	2.2	2.9	2.8	1949.....	2.7	2.4	2.7	3.1
1944.....	2.4	2.1	2.7	2.8	1950.....	2.7	2.4	2.7	3.2
					1951.....	3.1	2.8	3.1	3.5

Source: Board of Governors of the Federal Reserve System; quarterly data published currently in *Federal Reserve Bulletin*.

No. 494.—STOCK PRICES—AVERAGES OF WEEKLY INDEXES, BY TYPE OF INDUSTRY: 1940 TO 1951

[Base: 1939=100. Figures are annual averages of indexes of weekly closing prices of 265 common stocks, distributed as follows: 98 for durable goods manufacturing, 72 for nondurable goods manufacturing, 21 for transportation, 28 for utilities, 82 for trade, finance, and service, and 14 for mining]

TYPE OF INDUSTRY	1940	1945	1946	1947	1948	1949	1950	1951
Composite index.....	90.6	131.2	149.6	131.0	132.3	127.6	154.1	184.7
Manufacturing, total.....	93.4	129.0	146.6	132.7	136.2	132.1	165.7	206.6
Durable goods.....	92.5	129.0	138.8	120.1	124.4	116.0	150.4	178.2
Nondurable goods.....	94.2	129.3	154.4	145.1	147.0	147.2	180.2	233.1
Transportation.....	90.1	190.0	202.6	149.1	163.1	138.8	169.9	199.0
Utilities.....	97.7	112.9	121.0	105.5	90.4	98.1	107.2	112.6
Trade, finance, and service.....	86.7	149.1	204.3	162.8	156.9	160.5	183.8	207.9
Mining.....	75.9	114.3	125.5	117.2	133.2	129.2	143.5	204.9

Source: Securities and Exchange Commission. Annual and current data are published by the Council of Economic Advisers in their monthly publication, *Economic Indicators*.

No. 495.—BOND AND STOCK PRICES: 1929 TO 1951

[See also *Historical Statistics*, series N 212-214]

CLASS	1929	1930	1935	1940	1945	1948	1949	1950	1951 (prel.)
BOND PRICES									
DOLLARS PER \$100 BOND									
U. S. Government ¹					102.0	100.8	102.7	102.5	98.9
Standard and Poor's Corp.: Municipal (15 issues) ²	96.5	98.0	108.6	123.6	139.6	125.2	128.9	133.3	133.0
Corporate, high grade (17 bonds, A1+ issues) ³	89.09	90.85	105.5	116.3	121.6	118.2	121.0	121.0	117.7
STOCK PRICES									
DOLLARS PER SHARE (EXCEPT INDEXES)									
Standard and Poor's Corp.: Preferred (15 issues) ⁴	126.7	141.5	151.4	169.2	189.1	168.7	176.4	181.8	170.4
Common (index, 1935-39=100): ⁵ Total (416 issues).....	200.9	168.2	82.9	88.1	121.5	124.4	121.4	146.4	176.5
Industrial (365 issues).....	171.1	127.0	82.2	87.9	123.3	130.6	127.0	156.4	192.2
Railroad (20 issues).....	390.7	331.3	90.2	71.1	136.9	114.8	96.6	116.7	148.9
Public utility (31 issues).....	274.1	250.7	83.9	95.8	106.1	96.3	97.5	107.2	112.4
Dow-Jones and Co. Inc.: ⁶ Total (65 issues).....	125.43	95.64	41.97	45.28	63.72	66.32	64.37	77.69	93.98
Industrial (30 issues).....	311.24	236.34	120.00	134.74	169.82	179.95	179.48	216.31	257.64
Railroad (20 issues).....	159.66	133.13	33.83	28.60	56.56	56.73	47.77	60.72	81.88
Public utility (15 issues) ⁷	104.48	85.80	22.15	22.61	32.15	34.03	36.44	41.29	44.03
Moody's per share, monthly average: ⁸ Total (200 issues) ⁹	88.00	65.90	32.44	33.84	45.02	47.46	46.68	56.23	66.98
Industrial (125 issues).....	65.45	49.26	30.09	31.76	43.94	47.50	46.88	57.83	70.72
Railroad (25 issues).....	109.82	90.77	26.18	20.16	39.94	34.23	28.55	33.60	40.72
Public utility (24 issues).....	133.20	107.67	27.20	25.64	26.20	27.34	28.37	31.23	32.55

¹ Straight average of market prices of all taxable bonds due or callable in 15 years and over.² Prices derived from average yields on basis of a 4 percent 20-year bond based on Wednesday closing prices.³ Based on composite of data (including industrial, utility, and railroad) and a conversion of yield indexes, based on yield to maturity of each bond and assuming a 4 percent coupon with 20 years to maturity. From April 1937 to date, prices are averages of weekly data for 17 A1+ bonds; from January 1929 to March 1937, data based on a varying group of A1+ bonds, one price monthly (first of month) being used.⁴ 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.⁵ Based on Wednesday's closing prices, or last preceding sale price; indexes weighted by number of shares of each stock outstanding in base period. Number of stocks represents number currently used; continuity of series not affected by change in number.⁶ Averages of daily closing figures. Changes have been made in stocks used at various times. However, the number of stocks has remained constant except for public utilities (see note 7).⁷ For 20 stocks prior to June 2, 1938.⁸ 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 prior to 1942 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 operating companies.⁹ Includes also 15 banks and 10 insurance stocks and 1 additional public utility stock (see note 8).Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, except as noted. (For original sources see table stub.)

No. 496.—SECURITIES LISTED ON NEW YORK STOCK EXCHANGE—VALUES AND AVERAGE PRICE: 1939 TO 1952

[Value except average price, in millions of dollars]

JAN. 1—	BONDS			STOCKS			JAN. 1—	BONDS			STOCKS		
	Face value	Mar- ket value	Ave- rage price	Shares (mil- lions)	Mar- ket value	Ave- rage price		Face value	Mar- ket value	Ave- rage price	Shares (mil- lions)	Mar- ket value	Ave- rage price
1939..	51,554	47,063	\$91.27	1,424	47,491	\$33.34	1946..	138,085	143,111	\$103.64	1,592	78,765	\$49.33
1940..	54,067	49,920	92.93	1,435	46,468	32.37	1947..	137,165	140,793	102.64	1,771	68,596	38.73
1941..	54,169	50,831	93.84	1,455	41,891	28.80	1948..	139,727	136,207	99.62	1,907	68,313	35.82
1942..	58,237	55,084	94.50	1,463	35,786	24.46	1949..	131,068	131,306	100.18	2,018	67,048	33.22
1943..	72,993	70,564	96.70	1,471	38,812	26.39	1950..	125,410	128,464	102.43	2,166	76,292	35.22
1944..	90,841	90,274	99.38	1,489	47,607	31.97	1951..	114,889	115,952	100.93	2,353	93,807	39.87
1945..	111,116	112,621	101.36	1,492	55,512	37.21	1952..	98,158	95,634	97.43	2,616	109,484	41.85

¹ Includes bonds of International Bank.² Prices of bonds of International Bank included in computing averages.Source: New York Stock Exchange, New York, N. Y.; *Year Book*.

No. 497.—BOND AND STOCK YIELDS—PERCENT: 1929 TO 1951

[See also *Historical Statistics*, series N 197-200, 203-205]

CLASS	1929	1930	1935	1940	1945	1948	1949	1950	1951 (prel.)
BONDS									
U. S. Government ¹					2.37	2.44	2.31	2.32	2.57
Municipal (Standard & Poor's Corp., 15 issues).....	4.27	4.07	3.41	2.50	1.67	2.40	2.21	1.98	2.00
Municipal (Bond Buyer, 20 issues).....	4.31	4.12	3.38	2.52	1.49	2.35	2.15	1.90	1.97
Corporate (Moody's Investors' Service), by type: ²									
Total (102 issues).....	5.21	5.09	4.46	3.55	2.87	3.08	2.96	2.86	3.08
Industrial (32 issues).....	5.31	5.25	4.02	3.10	2.68	2.87	2.74	2.67	2.89
Railroad (30 issues).....	5.18	4.96	4.95	4.30	3.06	3.34	3.24	3.10	3.26
Public utility (40 issues).....	5.14	5.05	4.43	3.25	2.89	3.03	2.90	2.82	3.09
Corporate, by years to maturity: ³									
5 years.....	4.72	4.40	2.37	1.28	1.53	2.03	1.92	1.90	2.22
10 years.....	4.57	4.40	3.00	1.95	2.14	2.53	2.32	2.30	2.39
20 years.....	4.45	4.40	3.37	2.55	2.55	2.73	2.62	2.48	2.59
50 years ⁴	4.40	4.40	3.50	2.70	2.55	2.85	2.80	2.63	2.72
STOCKS									
Preferred (Standard & Poor's Corp., 11 issues) ⁵	5.12	4.95	4.63	4.14	3.70	4.15	3.97	3.85	4.11
Common (Moody's Investors' Service): ⁶									
Total (200 issues) ⁷	3.4	4.5	4.1	5.3	4.2	5.8	6.6	6.3	6.1
Industrial (125 issues).....	3.8	4.9	3.5	5.3	4.0	5.9	6.8	6.5	6.3
Railroad (25 issues).....	4.4	5.0	4.0	5.4	5.5	6.0	6.5	6.5	6.3
Public utility (24 issues).....	2.1	3.5	5.1	6.0	5.0	5.9	5.9	5.7	5.8

¹ Average yields on taxable bonds due or callable in 15 years and over.² Number of issues as of Dec. 1, 1951; number varies for earlier years.³ 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.⁴ More than usually liable to error.⁵ Represents bonds of 40 years to maturity beginning 1945.⁶ Based on 11 stocks (14 in August and September 1948 and 15 prior thereto). Yield determined from average of 9 median yields. Issues converted to a price equivalent to \$100 par and a 7 percent annual dividend before averaging.⁷ Average of monthly figures computed by dividing the aggregate annual dividends being paid as of the end of each month by the market value of all outstanding shares of the companies as of the same date.⁸ Includes also 15 bank and 10 insurance stocks, and 1 additional public utility (see note 8, table 495).Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, except as noted.No. 498.—DIVIDENDS PER SHARE (ANNUAL RATES) FOR 200 COMMON STOCKS:
1930 TO 1951

YEAR	Total, 200 stocks ¹	Industrial, 125 stocks	Public utility, 24 stocks	Railroad, 25 stocks	Bank, 15 stocks	Insurance, 10 stocks
1930.....	\$2.93	\$2.38	\$3.55	\$4.95	\$4.69	\$2.32
1935.....	1.30	1.05	1.32	1.03	2.24	1.24
1940.....	1.78	1.67	1.54	1.08	2.08	1.62
1941.....	1.90	1.81	1.44	1.28	2.07	1.64
1942.....	1.75	1.64	1.26	1.46	1.95	1.71
1943.....	1.73	1.55	1.28	1.77	1.94	1.69
1944.....	1.84	1.67	1.31	1.99	1.93	1.63
1945.....	1.92	1.75	1.30	2.19	2.00	1.62
1946.....	2.02	1.85	1.43	2.19	2.20	1.83
1947.....	2.38	2.33	1.56	1.92	2.32	1.88
1948.....	2.74	2.78	1.60	2.06	2.33	1.83
1949.....	3.09	3.19	1.66	2.41	2.36	2.06
1950.....	3.53	3.77	1.76	2.18	2.50	2.46
1951.....	4.09	4.44	1.88	2.56	2.64	2.73

¹ Includes American Telephone and Telegraph Co. stock; excluded from "public utility."

Source: Moody's Investors' Service, New York, N. Y.

No. 499.—SALES OF STOCKS AND BONDS ON ALL REGISTERED EXCHANGES: 1942 TO 1951

[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 500]

YEAR AND QUARTER	ALL REGISTERED EXCHANGES					NEW YORK STOCK EXCHANGE				
	Market value of all sales	Stocks		Bonds		Market value of all sales	Stocks		Bonds	
		Shares	Market value	Par value	Market value		Shares	Market value	Par value	Market value
1942.....	5,570	220	4,809	2,606	1,261	4,796	169	3,674	2,478	1,122
1943.....	10,086	484	9,024	3,839	1,962	9,457	362	7,072	3,593	1,785
1944.....	11,780	464	9,799	3,122	1,981	10,089	342	8,255	2,925	1,834
1945.....	18,112	767	16,270	2,691	1,842	15,190	607	13,474	2,509	1,716
1946.....	20,091	892	18,814	1,572	1,187	16,675	531	15,562	1,489	1,113
1947.....	12,541	612	11,587	1,274	954	10,617	358	9,742	1,176	875
1948.....	13,749	570	12,904	1,171	845	11,731	413	10,932	1,110	799
1949.....	11,443	516	10,740	933	703	9,674	380	9,012	880	662
1950.....	22,840	857	21,802	1,278	1,038	19,735	683	18,735	1,227	1,000
1951.....	22,124	863	21,200	955	825	19,009	643	18,212	915	797

Source: Securities and Exchange Commission; *Statistical Bulletin*, published monthly.

No. 500.—SALES ON NEW YORK STOCK EXCHANGE—VOLUME: 1910 TO 1951

[See also *Historical Statistics*, series N 228-232]

YEAR	Stocks, mil- lions of shares ¹	BONDS, PAR VALUE (MILLIONS OF DOLLARS) ²				YEAR	Stocks, mil- lions of shares ¹	BONDS, PAR VALUE (MILLIONS OF DOLLARS) ²			
		Total	Corpo- rate	U. S. Gov- ern- ment	State, municipal, foreign			Total	Corpo- rate	U. S. Gov- ern- ment	State, municipal, foreign
1910.....	164	635	592	(³)	43	1939.....	262	2,046	1,480	311	255
1915.....	173	961	907	3	51	1940.....	208	1,660	1,414	39	216
1920.....	227	3,977	827	2,861	289	1941.....	171	2,112	1,029	20	163
1925.....	454	3,384	2,332	391	661	1942.....	126	2,311	2,181	7	124
1929.....	1,125	2,082	2,182	142	658	1943.....	279	3,255	2,130	4	120
1930.....	810	2,764	1,027	116	721	1944.....	263	2,695	2,585	8	104
1932.....	425	2,937	1,642	570	755	1945.....	378	2,262	2,148	6	106
1933.....	655	3,369	2,069	501	769	1946.....	364	1,394	1,265	10	81
1934.....	324	3,726	2,239	885	602	1947.....	254	1,076	970	3	102
1935.....	382	3,339	2,287	674	378	1948.....	295	997	910	1	86
1936.....	498	3,576	2,800	319	359	1949.....	271	816	723	(³)	93
1937.....	409	2,793	2,097	349	847	1950.....	525	1,112	1,008	2	103
1938.....	297	1,860	1,484	127	249	1951.....	444	824	730	2	92

¹ 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 499.

² Exclusive of stopped sales.

³ Less than \$500,000.

Source: *Commercial and Financial Chronicle*, New York, N. Y.

No. 501.—PRINCIPAL COMMODITY FUTURES—VOLUME OF TRADING ON ALL CONTRACT MARKETS: 1939-40 TO 1950-51

[Compiled from daily reports of all clearing members of each contract market]

YEAR BEGINNING JULY	Wheat (mil- lion bush- els)	Corn (mil- lion bush- els)	Oats (mil- lion bush- els)	Rye (mil- lion bush- els)	Cotton (thousand bales)	Eggs (carlots)
1939-40.....	8,375.0	1,391.9	431.4	408.8	44,561	49,271
1940-41.....	4,783.9	795.8	248.5	266.2	34,258	46,903
1941-42.....	3,831.0	1,235.6	524.0	790.0	64,903	41,976
1942-43.....	2,703.2	851.3	610.6	1,499.7	42,738	9,005
1943-44.....	2,641.7	(¹)	726.4	3,031.1	39,170	6,085
1944-45.....	2,425.0	491.3	1,090.2	3,978.6	37,813	40,729
1945-46.....	1,474.0	117.6	2,438.8	1,968.5	60,353	79,357
1946-47.....	2,322.4	2,608.9	3,905.0	.2	110,248	135,325
1947-48.....	5,768.1	3,798.8	2,698.6	21.1	110,583	125,020
1948-49.....	4,614.9	3,673.3	1,175.7	125.4	63,385	91,191
1949-50.....	4,202.0	2,013.4	1,048.2	581.6	52,607	55,938
1950-51.....	4,675.7	2,236.0	1,617.3	576.2	79,067	148,811

¹ Trading suspended.

Source: Department of Agriculture, Commodity Exchange Authority; annual report, *Commodity Futures Statistics*.

No. 502.—SECURITIES—SALES EFFECTED ON SECURITIES EXCHANGES: 1951

[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. Figures may differ from those in table 490 due to revision of data by exchanges]

EXCHANGE	Total market value	STOCKS ¹		BONDS ²		RIGHTS AND WARRANTS	
		Market value	Number of shares	Market value	Principal amount	Market value	Number of units
All registered exchanges	22, 123, 566	21, 253, 071	786, 132	825, 006	955, 294	45, 489	76, 650
Boston	226, 419	224, 360	5, 001	68	51	2, 001	943
Chicago Board of Trade	17	17	2				
Cincinnati	23, 183	23, 053	500	0	0	130	152
Detroit	76, 543	76, 370	4, 277			173	747
Los Angeles	211, 025	210, 348	11, 777	323	263	354	488
Midwest	491, 401	490, 592	16, 632	16	14	703	1, 494
New Orleans	2, 438	2, 431	71	7	0		
New York Curb	1, 635, 837	1, 596, 826	119, 477	25, 160	37, 659	13, 845	6, 035
New York Stock	19, 009, 287	18, 185, 032	579, 843	797, 431	915, 129	26, 824	62, 950
Philadelphia-Baltimore	183, 262	182, 318	5, 413	502	834	442	812
Pittsburgh	22, 840	22, 790	1, 338	0	0	50	28
Salt Lake	2, 391	2, 391	16, 562				
San Francisco Mining	625	625	5, 378				
San Francisco Stock	230, 544	228, 375	15, 944	1, 202	1, 134	877	2, 392
Spokane	1, 455	1, 455	3, 413				
Washington	6, 299	6, 088	324	211	204		
All exempted exchanges	7, 662	7, 528	519	134	144		
Colorado Springs	241	241	94				
Honolulu	6, 510	6, 376	414	134	144		
Richmond	554	554	5				
Wheeling	357	357	6				

¹ Includes voting trust certificates, American depositary receipts, and certificates of deposit for stocks.

² Includes mortgage certificates and certificates of deposit for bonds. Since Mar. 18, 1944, United States Government bonds have not been included in these data.

Source: Securities and Exchange Commission.

No. 503.—CUSTOMERS' DEBIT BALANCES, MONEY BORROWED, AND RELATED ITEMS—STOCK EXCHANGE FIRMS CARRYING MARGIN ACCOUNTS: 1939 TO 1951

[All figures in millions of dollars. 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. For detailed discussion, see *Federal Reserve Bulletin*, September 1936]

END OF MONTH	DEBIT BALANCES				CREDIT BALANCES				
	Customers' debit balances (net) ¹	Debit balances in investment and trading accounts of—		Cash on hand and in banks	Money borrowed ²	Customers' credit balances ¹	Credit balances in investment and trading accounts of—		Credit balances in capital accounts (net)
		Partners	Firm				Partners	Firm	
1939—December	906	16	78	207	637	335	23	7	277
1940—December	677	12	99	204	427	335	22	5	247
1941—December	600	8	86	211	365	352	17	5	213
1942—December	643	7	154	160	378	324	15	4	182
1943—December	789	11	188	181	567	419	14	5	198
1944—December	1, 041	7	260	200	726	568	18	8	227
1945—December	1, 138	12	413	313	795	766	29	13	299
1946—December	640	5	312	456	218	814	30	10	290
1947—December	578	7	315	393	240	788	23	15	273
1948—December	550	10	312	340	257	698	28	5	278
1949—December	550	5	400	306	523	792	26	15	271
1950—December	881	12	386	314	527	830	25	11	312
1950—June	1, 256	9	399	397	745	1, 120	36	12	317
December	1, 356	10	375	364	680	1, 059	26	13	319
1951—June	1, 275	12	392	378	695	1, 075	42	11	314
December	1, 292								

¹ Excludes balances with reporting firms (1) of member firms of New York Stock Exchange and other national securities exchanges and (2) of firms' own partners.

² Includes money borrowed from banks and also from other lenders (not including member firms of national securities exchanges).

Source: Board of Governors of the Federal Reserve System; *Banking and Monetary Statistics*; monthly figures published currently in *Federal Reserve Bulletin*.

No. 504.—SECURITIES—NEW SECURITIES OFFERED FOR CASH SALE, BY TYPE AND ISSUER: 1939 TO 1951

Estimated gross proceeds in millions of dollars. 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. Figures represent offerings, not actual sales. Includes issues privately placed, publicly offered, unregistered issues and those registered under Securities Act of 1933]

SECURITY AND ISSUER	1939	1941	1943	1945	1947	1949	1950	1951 (Prel.)
TYPE OF SECURITY								
All types, total.....	5,087	15,157	44,518	54,712	19,941	21,110	19,893	21,133
Corporate.....	2,164	2,087	1,170	6,011	6,577	6,052	6,361	7,706
Noncorporate.....	3,523	12,490	43,348	48,701	13,364	15,059	13,532	13,368
Bonds, debentures, and notes, total.....	5,503	14,880	44,338	53,556	18,400	19,940	18,451	19,082
Corporate.....	1,980	2,300	990	4,855	5,036	4,800	4,920	5,714
Noncorporate.....	3,523	12,490	43,348	48,701	13,364	15,059	13,532	13,368
Preferred stock.....	68	187	124	768	762	425	631	844
Common stock.....	87	110	66	397	779	736	811	1,207
ISSUER								
Corporate, total.....	2,164	2,087	1,170	6,011	6,577	6,052	6,361	7,706
Manufacturing.....	(1)	(1)	(1)	(1)	(1)	1,414	1,200	3,124
Electric, gas, and water.....	(1)	(1)	(1)	(1)	(1)	2,320	2,049	2,495
Communication.....	(1)	(1)	(1)	(1)	(1)	871	399	635
Rail.....	186	366	161	1,454	286	460	554	328
Other transportation.....	(1)	(1)	(1)	(1)	(1)	340	259	131
Real estate and financial.....	103	96	21	211	293	599	747	623
Commercial and miscellaneous.....	(1)	(1)	(1)	(1)	(1)	347	553	530
Noncorporate, total.....	3,523	12,490	43,348	48,701	13,364	15,059	13,532	13,368
U. S. Government (including agency issues guaranteed).....	2,332	11,466	42,815	47,353	10,589	11,804	9,687	9,778
Federal agency (issues not guaranteed).....	13	38	2	598	0	216	30	110
State and municipal.....	1,128	956	435	795	2,324	2,907	3,632	3,638
Foreign government.....	41	4	90	45	443	116	263	414
Eleemosynary and other nonprofit.....	9	26	7	2	7	15	20	28

¹ Not available.

Source: Securities and Exchange Commission; monthly data published in *Statistical Bulletin*.

No. 505.—U. S. PURCHASES OF FOREIGN CAPITAL ISSUES (GOVERNMENTAL AND CORPORATE) PUBLICLY OFFERED IN THE U. S.: 1925 TO 1951

[Amounts in thousands of dollars. Excludes privately taken issues and small issues for which data are not available. Excludes issues of U. S. possessions after 1945]

YEAR	Number of issues	Total nominal capital	Estimated refunding to Americans ¹	Estimated new nominal capital	YEAR	Number of issues	Total nominal capital	Estimated refunding to Americans ¹	Estimated new nominal capital
1925.....	164	1,316,166	239,700	1,076,466	1944.....	5	31,400	14,700	16,700
1929.....	148	705,768	34,537	671,231	1945.....	8	70,600	60,600	10,000
1930.....	121	1,087,560	182,227	905,333	1946.....	8	135,400	127,800	7,600
1935.....	11	73,088	9,958	64,030	1947.....	13	406,300	130,800	275,500
1940.....	3	2,125	—	2,125	1948 ²	—	—	—	—
1941.....	4	5,072	4,000	1,072	1949.....	1	97,500	50,832	46,668
1942 ³	—	—	—	—	1950.....	4	184,751	184,751	—
1943.....	4	92,806	90,000	2,800	1951 ³	11	405,805	17,000	388,805

¹ As a result of previous repatriations and purchases by investors of other countries these figures include, especially through 1930, substantial amounts of bonds not held in United States at time of their redemption.

² No issues. ³ Preliminary.

Source: Dept. of Commerce, Office of Business Economics; Balance of Payments Division records.

No. 506.—CAPITAL ISSUES—SUMMARY, BY CLASSES: 1920 TO 1951

[In millions of dollars. Data cover domestic and foreign issues in United States. Preferred stocks of no par value and all common stocks are taken at offering price, other issues at par. Privileged stock subscriptions included in figures and issues of less than \$100,000. See also *Historical Statistics*, series N 221-227]

YEAR	Total issues	New capital	Refund- ing	TOTAL ISSUES, BY KINDS						
				Corporate				Farm- loan and Gov't agencies	State and municipal ¹	Foreign govern- ment
				Rail- roads	Public utilities	Indus- trials ¹	Miscel- laneous			
1920-----	4,010.0	3,634.8	375.2	377.9	496.8	1,627.6	464.0	-----	699.5	344.8
1925-----	7,126.0	6,220.2	905.9	514.7	1,710.0	1,270.2	1,243.2	188.2	1,408.4	791.3
1929-----	11,592.2	10,182.8	1,409.4	817.2	2,442.8	2,469.8	4,306.6	-----	1,435.7	130.1
1930-----	7,677.0	7,023.4	653.7	1,026.5	2,566.2	1,151.9	728.6	86.5	1,407.6	619.6
1935-----	4,752.3	1,412.1	3,340.2	106.7	1,283.8	706.5	80.4	1,137.1	1,231.8	116.0
1940-----	4,805.9	1,950.5	2,855.4	372.3	1,274.1	764.2	352.0	804.3	1,239.0	-----
1941-----	5,545.0	2,853.9	2,692.0	365.3	1,333.0	675.5	195.0	1,009.0	954.1	4.0
1942-----	2,114.5	1,075.1	1,039.4	48.6	467.2	490.1	36.6	548.2	523.7	-----
1943-----	2,228.2	643.5	1,584.7	152.4	399.1	503.2	26.1	622.1	435.2	90.0
1944-----	4,295.9	936.4	3,359.5	622.8	1,384.3	1,005.7	168.3	433.2	660.6	21.1
1945-----	8,046.2	1,774.7	6,271.5	1,507.7	2,397.4	1,906.0	447.5	937.9	799.7	50.0
1946-----	8,728.0	4,643.9	4,084.0	720.9	2,114.6	3,146.0	601.6	861.2	1,161.3	53.5
1947-----	9,752.8	9,768.4	2,064.5	260.7	3,122.8	2,377.5	548.0	661.2	2,327.9	445.8
1948-----	10,453.0	9,318.0	1,135.0	627.0	3,016.9	2,034.4	820.2	1,062.2	2,692.4	150.0
1949-----	9,832.8	8,240.0	1,592.8	475.5	2,886.6	1,644.6	594.7	1,176.2	2,939.2	116.0
1950-----	11,067.3	8,346.7	2,720.6	492.4	3,090.7	1,463.6	840.3	1,385.7	3,552.4	242.2
1951-----	12,371.8	10,115.7	2,256.0	331.4	2,913.5	2,884.3	530.7	2,066.2	3,193.8	451.9

CORPORATE ISSUES BY CLASS OF SECURITY (NEW CAPITAL AND REFUNDING)

YEAR	Total	Long- term bonds and notes	Short- term bonds and notes	Stocks	YEAR	Total	Long- term bonds and notes	Short- term bonds and notes	Stocks
1920-----	2,966.3	1,234.4	660.8	1,071.1	1944-----	3,181.1	2,655.7	13.6	511.9
1925-----	4,738.1	3,040.2	386.9	1,311.0	1945-----	6,258.6	4,891.4	46.4	1,320.7
1929-----	10,026.4	2,842.3	262.6	6,921.4	1946-----	6,652.1	4,532.1	38.3	2,081.7
1930-----	5,473.3	3,248.0	657.0	1,568.3	1947-----	6,317.9	4,731.1	70.7	1,516.1
1935-----	2,267.4	2,066.1	50.5	150.8	1948-----	6,548.4	5,900.9	7.4	940.1
1940-----	2,762.6	2,306.1	38.6	327.9	1949-----	5,601.4	4,567.8	7.9	1,025.6
1941-----	2,618.8	2,276.5	43.1	299.1	1950-----	5,896.9	4,417.9	177.4	1,291.6
1942-----	1,042.5	908.4	4.7	129.4	1951-----	6,659.9	4,866.3	6.0	1,787.6
1943-----	1,080.9	869.1	38.0	173.8					

¹ Comprises the following classifications given in original detailed statements: Iron, steel, coal, copper, etc., equipment manufacturers, motors and accessories, oil, rubber, and miscellaneous industrials.

² Includes bonds issued by States, Territories and possessions, counties and municipalities, and by school and road districts and other independent governmental bodies. Beginning 1935, excludes funds obtained by States and municipalities from any agency of Federal Government.

Source: *Commercial and Financial Chronicle*, New York, N. Y.

No. 507.—INTENDED APPLICATION OF PROCEEDS FROM NEW ISSUES OF CORPORATE SECURITIES OFFERED FOR CASH SALE IN THE UNITED STATES: 1949 TO 1951

[Millions of dollars. A less detailed industry classification of this series beginning with data for 1941 has been presented in the 1950 and earlier editions of the *Statistical Abstract*]

INTENDED APPLICATION	1949	1950	1951 (prel.)	INTENDED APPLICATION	1949	1950	1951 (prel.)
ALL ISSUES				OTHER TRANSPORTATION			
Estimated gross proceeds.....	6,052	6,361	7,766	Estimated gross proceeds.....	340	259	131
Bonds and notes.....	4,890	4,920	5,714	Estimated net proceeds.....	339	257	130
Preferred stock.....	425	631	844	New money.....	302	243	119
Common stock.....	736	811	1,207	Plant and equipment.....	299	242	119
Estimated net proceeds.....	5,959	6,261	7,634	Working capital.....	3	1	0
New money.....	4,606	4,006	5,641	Retirements.....	36	4	11
Plant and equipment.....	3,724	2,966	5,100	Funded debt.....	0	3	8
Working capital.....	882	1,041	1,441	Other debt.....	36	1	4
Retirements.....	1,038	1,891	863	Preferred stock.....	0	0	0
Funded debt.....	360	1,149	351	Other purposes.....	0	10	0
Other debt.....	637	620	424				
Preferred stock.....	41	122	78	COMMUNICATION			
Other purposes.....	315	364	240	Estimated gross proceeds.....	571	899	635
MANUFACTURING				Estimated net proceeds.....	566	395	628
Estimated gross proceeds.....	1,414	1,200	3,124	New money.....	505	304	624
Estimated net proceeds.....	1,391	1,175	3,069	Plant and equipment.....	503	300	586
New money.....	851	688	2,559	Working capital.....	2	4	37
Plant and equipment.....	542	313	1,794	Retirements.....	61	90	3
Working capital.....	309	375	765	Funded debt.....	47	79	3
Retirements.....	423	416	430	Other debt.....	12	9	0
Funded debt.....	42	134	122	Preferred stock.....	2	2	0
Other debt.....	379	267	245	Other purposes.....	1	1	1
Preferred stock.....	3	15	62				
Other purposes.....	117	72	80	REAL ESTATE AND FINANCIAL			
ELECTRIC, GAS, AND WATER				Estimated gross proceeds.....	599	747	523
Estimated gross proceeds.....	2,320	2,640	2,495	Estimated net proceeds.....	592	739	515
Estimated net proceeds.....	2,276	2,608	2,463	New money.....	440	480	391
New money.....	1,838	1,728	2,218	Plant and equipment.....	43	24	12
Plant and equipment.....	1,819	1,711	2,196	Working capital.....	397	456	379
Working capital.....	19	17	22	Retirements.....	85	192	74
Retirements.....	332	803	183	Funded debt.....	34	99	36
Funded debt.....	198	613	104	Other debt.....	61	91	34
Other debt.....	99	122	76	Preferred stock.....	0	2	5
Preferred stock.....	35	69	2	Other purposes.....	67	67	49
Other purposes.....	106	77	52				
RAILROAD				COMMERCIAL AND MISCELLANEOUS			
Estimated gross proceeds.....	400	554	328	Estimated gross proceeds.....	347	553	
Estimated net proceeds.....	456	548	324	Estimated net proceeds.....	338	538	530
New money.....	441	301	239	New money.....	229	262	515
Plant and equipment.....	441	282	284	Plant and equipment.....	78	94	340
Working capital.....	0	20	5	Working capital.....	151	168	103
Retirements.....	15	232	35	Retirements.....	86	165	232
Funded debt.....	11	103	34	Funded debt.....	27	30	117
Other debt.....	4	39	1	Other debt.....	68	92	44
Preferred stock.....	0	0	0	Preferred stock.....	1	33	64
Other purposes.....	0	15	0	Other purposes.....	24	121	9
							53

Source: Securities and Exchange Commission; monthly data published in *Statistical Bulletin*.

NO. 508.—LIFE INSURANCE COMPANIES—SUMMARY OF FINANCIAL CONDITION AND POLICY ACCOUNT: 1880 TO 1950

[All figures in millions of dollars. Includes domestic and foreign business of U. S. companies but excludes operations of Veterans' Admn. (see p. 209), and U. S. business of foreign companies]

YEAR	Assets (admitted) Dec. 31	Liabilities, ¹ Dec. 31	Total in- come	Pre- mium in- come	Pay- ment to policy holders	INSURANCE WRITTEN AND PAID FOR DURING YEAR			INSURANCE IN FORCE DEC. 31			
						Group	Ordinary	Industrial	Total	Group	Ordinary ²	Industrial
1880	458		81		56				1,002		1,582	21
1890	771	679	107	188	90		742	242	4,050		3,021	429
1900	1,742	1,493	401	326	169		1,280	556	8,561		7,093	1,468
1910	3,876	3,695	781	693	387		1,822	735	16,404		13,227	3,177
1915	6,190	4,938	1,043	784	545	(³)	2,631	974	22,777	(³)	18,349	4,427
1917	5,941	5,634	1,249	929	590	(³)	3,840	1,051	27,189	(³)	21,966	5,223
1918	6,476	6,202	1,325	994	710	(³)	3,935	1,203	29,870	(³)	24,167	5,703
1920	7,320	6,980	1,764	1,385	745	(³)	3,490	1,615	42,281		33,455	7,190
1925	11,538	10,867	3,018	2,384	1,243	1,254	10,563	3,656	71,690	4,299	64,667	12,824
1929	17,482	16,507	4,337	3,350	1,962	1,572	12,958	4,738	103,146	9,121	78,123	17,902
1930	18,890	17,862	4,594	3,524	2,247	1,556	12,604	4,860	107,948	9,886	79,775	18,287
1933	20,896	19,885	4,622	3,322	3,016	521	8,293	4,673	97,885	8,912	71,919	17,164
1935	23,216	22,220	6,072	3,992	2,585	1,308	8,113	4,722	100,730	10,470	71,953	18,298
1939	29,243	27,926	5,453	3,825	2,642	1,579	7,260	3,676	113,977	14,023	78,814	21,140
1940	30,802	29,405	6,668	3,944	2,681	1,609	7,506	3,718	117,704	15,382	81,069	21,344
1943	37,706	35,845	6,442	4,421	2,407	3,469	8,340	3,588	140,309	22,901	91,777	25,571
1944	41,054	39,240	7,011	4,899	2,528	2,158	9,526	3,724	149,071	24,446	97,677	27,048
1945	44,767	42,342	7,674	5,249	2,719	1,519	10,044	3,970	155,723	22,770	104,456	28,497
1947	48,191	46,576	8,068	5,727	2,848	6,111	16,776	4,842	174,553	28,196	116,110	30,247
1949	51,743	48,307	8,982	6,635	3,280	6,205	16,897	5,193	191,264	33,565	126,206	31,493
1948	55,512	51,808	9,603	7,131	3,602	6,670	17,091	5,043	206,578	39,210	136,669	31,699
1949	59,630	55,472	10,138	7,408	3,866	5,098	17,267	6,016	220,516	43,075	144,458	32,682
1950	64,020	59,381	11,057	8,050	4,240	10,930	19,781	6,433	242,018	52,556	155,071	34,391

¹ Not including unapportioned surplus and capital. Prior to 1905 apportioned surplus is also excluded. For amount of this item in recent years, see table 510.

² Amounts of policies in force for 1850, \$69,000,000; 1860, \$180,000,000; 1870, \$2,263,000,000.

³ Group business included in ordinary.

Source: 1880, Frederick L. Hoffman, insurance statistician, Newark, N. J.; 1890 and subsequent years, The Spectator, Philadelphia, Pa.; *Insurance Yearbook*, Life Volume.

NO. 509.—LIFE INSURANCE COMPANIES—PERCENTAGE DISTRIBUTION OF ASSETS: 1920 TO 1950

[Percent]

YEAR	U. S. Government securities	Foreign government, State, provincial, and local bonds	Securities of business and industry	Mort- gages	Real estate	Policy loans	Miscel- laneous assets	Total
1920			149.0	29.7	2.3	11.7	7.3	100.0
1925	5.6	5.8	26.9	41.6	2.3	12.5	5.3	100.0
1929	1.8	5.9	28.0	41.7	2.7	13.6	6.1	100.0
1930	2.0	6.0	28.3	40.1	2.0	14.9	6.0	100.0
1933	4.2	6.6	25.4	32.0	6.1	18.0	7.7	100.0
1935	12.6	7.6	25.0	23.0	8.5	15.2	8.0	100.0
1939	18.4	8.0	28.9	19.4	7.3	11.1	6.9	100.0
1940	19.0	8.1	29.8	19.3	6.7	10.0	7.1	100.0
1944	30.9	5.2	26.1	16.3	2.6	5.2	4.7	100.0
1945	45.9	4.3	24.8	14.8	1.9	4.4	3.9	100.0
1946	44.0	3.9	27.2	14.8	1.5	3.9	3.8	100.0
1947	38.7	3.8	31.2	16.8	1.7	3.7	4.1	100.0
1948	30.2	4.2	39.6	19.5	1.9	3.7	3.9	100.0
1949	25.6	4.2	35.9	21.6	2.1	3.8	6.8	100.0
1950	21.0	4.0	36.3	25.2	2.3	3.7	7.5	100.0

¹ Total of all classes of bonds.

Source: The Spectator, Philadelphia, Pa.; *Insurance Yearbook*, Life Volume; and Institute of Life Insurance.

No. 510.—LIFE INSURANCE COMPANIES—FINANCIAL CONDITION AND BUSINESS: 1945 TO 1950

[Amounts in thousands of dollars. See headnote, table 508]

ITEM	1945	1948	1949	1950
Number of companies.....	348	380	435	440
Income, total.....	7, 673, 987	9, 602, 542	10, 137, 699	11, 057, 123
Premium income, total.....	5, 248, 842	7, 131, 500	7, 408, 403	8, 050, 438
New premiums (except annuities).....	470, 589	600, 976	574, 139	621, 878
Renewals (except annuities).....	4, 118, 780	5, 077, 881	5, 352, 042	5, 626, 992
Annuities first year.....	171, 850	166, 861	124, 844	128, 503
Annuities renewal.....	397, 968	632, 608	642, 952	810, 867
Accident and health premiums.....		535, 076	590, 108	732, 339
Supplementary contracts involving life contingencies.....	89, 665	118, 098	124, 318	129, 359
Interest, dividends, and real estate income.....	1, 323, 460	1, 701, 944	1, 891, 073	2, 065, 109
Other receipts.....	1, 101, 685	769, 099	838, 223	941, 576
Disbursements, total.....	4, 218, 570	5, 835, 764	6, 253, 846	6, 949, 891
Paid to policyholders and beneficiaries, total.....	2, 718, 795	3, 602, 100	3, 865, 527	4, 239, 743
Death claims.....	1, 282, 156	1, 433, 252	1, 483, 706	1, 593, 337
Matured endowments.....	413, 736	436, 160	469, 653	493, 830
Annuities.....	184, 790	229, 892	239, 692	257, 230
Lapsed, surrendered, and purchased policies.....	240, 675	472, 855	588, 061	666, 307
Dividends to policyholders.....	472, 441	610, 515	634, 462	679, 252
Disabilities and double indemnities.....	124, 907	124, 889	128, 453	132, 079
Accident and health benefits.....		294, 536	320, 900	417, 100
Paid on supplementary contracts.....	301, 490	427, 065	477, 041	530, 757
Dividends to stockholders.....	30, 481	40, 153	35, 871	82, 543
Profit and loss, etc.....	46, 072	79, 183	80, 820	150, 610
Insurance, taxes (including real estate), licenses, and fees.....	153, 043	132, 409	163, 086	198, 409
Real estate repairs and expenses.....	50, 082	66, 213	48, 018	59, 248
Commissions, new.....	164, 284	226, 074	217, 761	239, 488
Commissions, renewal.....	273, 185	351, 203	333, 093	393, 807
Commissions, annuities.....	12, 689	19, 723	11, 174	12, 465
Commissions, accident and health.....		73, 942	81, 698	95, 442
Salaries and expenses of agents.....	147, 628	253, 352	271, 610	289, 723
Salaries of officers and employees.....	154, 538	268, 662	291, 013	313, 237
Rents.....	31, 311	33, 135	35, 590	39, 378
Other expenses.....	134, 484	267, 652	281, 098	314, 116
Admitted assets, Dec. 31, total.....	44, 797, 041	55, 511, 882	59, 629, 541	64, 019, 686
Real estate owned.....	856, 709	1, 054, 438	1, 246, 779	1, 444, 586
Mortgages.....	6, 635, 982	10, 822, 703	12, 905, 901	16, 102, 008
U. S. Government bonds.....	20, 532, 785	16, 807, 245	15, 290, 380	13, 469, 211
Other bonds owned.....	12, 023, 085	21, 157, 602	23, 989, 952	25, 976, 417
Stock owned.....	958, 009	1, 427, 237	1, 712, 604	2, 109, 059
Collateral loans.....	3, 151	6, 279	12, 276	12, 527
Premium notes.....	67, 892	46, 945	47, 389	61, 404
Loans to policyholders.....	1, 893, 984	1, 007, 425	2, 192, 260	2, 351, 866
Other assets.....	1, 734, 816	2, 279, 048	2, 238, 000	2, 578, 548
Liabilities, Dec. 31, total.....	1 41, 555, 657	51, 802, 925	55, 471, 987	59, 580, 541
Life insurance and annuity reserve.....	34, 705, 862	43, 016, 971	46, 001, 252	49, 149, 586
Disability and double indemnity reserve.....	1, 208, 240	1, 289, 004	1, 312, 541	1, 332, 610
Unearned premium reserve on accident and health.....		181, 197	173, 989	202, 588
Reserve on supplementary contracts.....	2, 752, 743	3, 677, 036	3, 855, 085	4, 198, 134
All other liabilities.....	2, 838, 812	3, 644, 747	4, 028, 620	4, 497, 623
Special voluntary contingency, etc., reserves.....	786, 608	1, 051, 186	1, 205, 009	1, 371, 821
Unassigned funds and capital.....	2, 454, 776	2, 657, 771	2, 952, 545	3, 267, 323
Surplus apportioned.....	465, 433	577, 074	620, 569	698, 923
New business:				
Total:				
Number.....	19, 100, 513	22, 672, 963	24, 466, 240	26, 406, 059
Amount.....	16, 432, 947	28, 804, 552	28, 380, 195	37, 143, 605
Ordinary:				
Number.....	5, 415, 323	8, 282, 931	7, 834, 635	8, 665, 190
Amount.....	10, 943, 529	17, 091, 168	17, 266, 091	19, 780, 976
Group:				
Number.....	4, 805	10, 300	9, 866	11, 545
Amount.....	1, 519, 455	6, 069, 975	5, 097, 819	10, 929, 582
Industrial:				
Number.....	13, 680, 385	14, 379, 732	16, 621, 739	17, 789, 324
Amount.....	8, 069, 064	5, 043, 409	6, 015, 085	6, 433, 047
Insurance in force, Dec. 31:				
Total:				
Number.....	154, 306, 989	169, 604, 545	175, 625, 616	179, 711, 102
Amount.....	155, 722, 778	206, 578, 439	220, 515, 545	242, 017, 831
Ordinary:				
Number.....	50, 171, 542	62, 166, 238	65, 316, 835	68, 473, 364
Amount.....	104, 456, 033	135, 669, 442	144, 457, 931	155, 071, 050
Group:				
Number.....	37, 877	54, 542	60, 586	68, 130
Amount.....	22, 769, 786	39, 209, 709	43, 075, 182	52, 555, 781
Industrial:				
Number.....	104, 087, 570	107, 383, 765	110, 249, 195	111, 169, 698
Amount.....	28, 406, 958	31, 699, 289	32, 982, 432	34, 391, 000

1 Revised to exclude special voluntary reserves; treated as surplus for later years.

Source: The Spectator, Philadelphia, Pa; Insurance Yearbook, Life Volume.

No. 511.—LIFE INSURANCE OF FRATERNAL ORDERS: 1935 TO 1950

Amounts in thousands of dollars. Covers transactions (domestic and foreign) of fraternal orders in U. S. Excludes U. S. business of foreign concerns]

ITEM	1935	1940	1945	1948	1949	1950
Number reporting.....	266	215	180	174	176	196
Income, total.....	205,102	223,056	268,448	284,384	291,523	295,967
Net amount received from members.....	152,176	157,786	182,108	200,421	202,927	202,265
All other receipts.....	52,926	65,270	86,339	83,963	88,595	93,702
Expenditures, total ¹	158,562	165,893	170,902	195,788	202,178	205,401
Paid for claims.....	111,005	117,575	100,578	124,332	131,926	131,725
Agents' commissions and examiners' fees.....	12,128	9,917	13,452	18,125	18,275	19,033
Expenses of management ²	27,308	28,624	34,825	55,489	57,045	59,176
Assets, invested and other, Dec. 31.....	994,314	1,252,924	1,644,527	1,879,888	1,977,726	2,039,845
Liabilities, Dec. 31.....	715,569	1,080,625	1,384,385	1,676,955	1,678,672	1,729,607
Insurance account:						
Number of certificates in force at end of year.....	6,462,293	7,036,148	7,740,156	8,297,902	8,419,527	8,364,071
Amount written during year.....	562,794	522,305	608,775	943,397	906,820	879,565
Amount in force at end of year.....	6,182,538	6,281,644	6,923,482	8,044,016	8,117,039	8,349,249

¹ Includes expenditures not shown separately.

² Includes taxes.

Source: The Spectator, Philadelphia, Pa.; *Insurance Yearbook*, Life Volume.

No. 512.—LIFE INSURANCE OF ASSESSMENT LIFE ASSOCIATIONS: 1935 TO 1950

[Amounts in thousands of dollars. Covers transactions (domestic and foreign) of associations in U. S. Excludes U. S. business of foreign associations]

ITEM	1935	1940	1945	1948	1949	1950
Number reporting.....	59	58	43	47	58	51
Income, total.....	15,869	25,594	69,575	99,435	110,560	115,977
Net amount received from members.....	14,610	24,305	65,443	95,834	105,543	111,111
All other receipts.....	1,259	1,289	4,133	3,601	5,007	4,866
Expenditures, total ¹	14,239	21,373	54,362	83,235	95,662	108,183
Paid for death claims.....	2,590	3,051	5,146	8,378	9,020	7,593
Other payments to members.....	4,863	7,666	24,560	38,146	45,959	56,191
Paid to agents and medical examiners.....	3,868	6,357	14,551	20,365	22,567	21,900
Expenses of management ²	2,707	3,766	7,941	15,420	18,458	22,247
Total admitted assets, Dec. 31.....	26,452	27,152	77,315	121,581	136,718	144,307
Total liabilities, Dec. 31.....	17,526	20,944	51,262	75,236	86,374	89,402
Insurance account:						
Number of certificates in force at end of year.....	637,816	1,073,031	2,192,823	2,500,327	3,136,532	3,293,594
Amount written during year.....	74,725	71,350	67,837	50,653	74,524	64,736
Amount in force at end of year.....	241,747	204,217	284,645	235,660	399,745	439,960

¹ Includes expenditures not shown separately.

² Includes taxes.

³ 22 companies reporting.

⁴ 42 companies reporting.

Source: The Spectator, Philadelphia, Pa.; *Insurance Yearbook*, Life Volume.

No. 513.—ACCIDENT AND HEALTH BUSINESS OF CASUALTY AND LIFE INSURANCE COMPANIES: 1949 AND 1950

[In thousands of dollars]

ITEM	1949			1950		
	Aggregate	Casualty	Life	Aggregate	Casualty	Life
Premiums written:						
Accident and health.....	665,085	294,107	370,978	674,226	292,604	381,622
Group accident and health.....	480,078	176,040	304,038	642,448	235,562	406,886
Premiums earned:						
Accident and health.....	647,685	283,816	363,869	668,503	293,711	374,792
Group accident and health.....	475,527	171,488	304,038	633,142	231,452	401,690
Losses incurred (including adjustment expenses):						
Accident and health.....	300,845	150,674	150,171	332,147	160,368	171,779
Group accident and health.....	352,646	136,347	216,299	484,183	182,370	301,813
Underwriting expenses incurred:						
Accident and health.....	286,852	116,488	170,364	294,109	113,913	180,196
Group accident and health.....	76,424	29,219	47,205	99,259	38,354	60,905

Source: The Spectator, Philadelphia, Pa.; *Insurance Yearbook*, Casualty and Surety Volume.

No. 514.—MUTUAL ACCIDENT AND SICK BENEFIT ASSOCIATIONS—FINANCIAL CONDITION AND BUSINESS TRANSACTED: 1901 TO 1948

[Money figures in thousands of dollars. Although many small companies have not reported all years, large companies have reported regularly, and figures are fairly comparable from year to year]

YEAR	Number of companies	Admitted assets	Net surplus	Premiums or assessments	Income (including interest)	Paid for claims	Paid to agents, medical examiners, and for management	Total disbursements	Number of certificates written during year	Number of certificates in force at end of year
1901	102	1,617	1,490	2,057	3,201	1,643	1,753	3,348	280,183	310,092
1905	165	3,769	3,198	6,134	7,513	3,513	3,330	6,862	667,809	887,804
1910	197	5,169	3,665	9,291	10,938	5,169	4,255	10,434	946,340	1,382,415
1915	177	7,103	4,483	10,969	12,555	6,955	4,354	11,769	693,654	1,369,368
1920	67	13,709	9,690	19,538	22,712	10,580	8,771	19,944	713,270	1,383,328
1925	167	46,682	31,658	40,807	44,903	22,395	15,019	36,672	807,722	2,170,562
1930	156	39,551	25,901	47,036	50,542	29,185	18,086	48,338	963,011	2,483,763
1935	109	39,419	21,417	32,707	35,764	20,011	12,274	32,964	716,697	1,914,519
1940	110	56,772	26,680	45,304	48,501	23,588	17,266	42,161	1,136,309	2,643,771
1941	104	65,137	30,877	52,046	55,671	26,696	19,088	48,038	1,101,257	2,589,476
1942	103	72,201	33,904	59,752	62,898	27,133	23,377	51,267	1,263,425	2,897,059
1943	99	85,435	38,552	67,014	71,234	29,029	26,428	56,063	1,230,189	3,063,913
1944	81	97,238	43,109	74,474	80,776	33,578	29,655	64,437	977,753	3,059,509
1945	79	115,460	46,678	86,863	91,710	39,208	29,836	66,076	2,800,141	2,891,168
1946	65	114,524	52,564	93,603	98,027	45,841	33,176	80,543	2,854,897	1,477,852
1947	65	133,250	57,913	111,667	115,864	52,337	42,260	96,707	2,181,441	2,705,000
1948	48	130,757	58,732	112,942	116,891	58,113	39,658	99,606	2,060,911	2,678,041

¹ Includes all known companies, whether reporting or not.

² 49 companies reporting in 1945; 43 companies in 1946; 46 companies in 1947; 34 companies in 1948.

³ 32 companies reporting in 1948.

Source: The Spectator, Philadelphia, Pa.; *Insurance Yearbook*, Casualty and Surety Volume.

No. 515.—FIRE LOSSES, TOTAL AND PER CAPITA: 1876 TO 1950

[Amounts, except per capita, in thousands of dollars. Continental United States only. 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, adding 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 \$258,378,000) which cover all fires reported to the Actuarial Bureau Committee, adding 25 percent for unreported and uninsured losses prior to 1935 and 30 percent thereafter. Estimated fire losses are based on paid losses]

YEARLY AVERAGE OR YEAR	LOSS		YEAR	LOSS		YEAR	LOSS		
	Amount	Index ¹ 1926=100		Amount	Index ¹ 1926=100		Amount	Index ¹ 1926=100	Per capita ²
1876-1880	69,912		1915	172,033	77.3	1933	271,453	62.1	\$2.16
1881-1885	95,753		1916	258,378	103.6	1934	271,197	66.5	2.15
1886-1890	113,627		1917	289,535	103.1	1935	235,263	47.9	1.85
1891-1895	148,988		1918	353,879	110.1	1936	266,659	56.1	2.08
1896-1900	130,043		1919	320,540	91.6	1937	254,959	62.1	1.97
1901	166,818	139.1	1920	447,887	99.1	1938	258,478	54.4	1.99
1902	161,078	133.5	1921	495,406	135.4	1939	275,102	57.7	2.10
1903	145,302	114.9	1922	506,541	128.0	1940	285,879	57.3	2.17
1904	229,198	168.9	1923	535,373	110.9	1941	303,895	56.1	2.28
1905	165,222	113.8	1924	549,062	115.6	1942	314,295	49.7	2.35
1906	518,612	342.8	1925	559,418	109.8	1943	273,000	60.4	2.78
1907	215,085	125.7							
1908	217,886	129.7	1926	561,981	100.0	1944	437,273	69.6	3.30
1909	188,705	105.9	1927	472,934	88.3	1945	484,274	(4)	3.65
1910	214,003	112.2	1928	464,607	84.4	1946	554,070	(4)	3.96
1911	217,005	110.9	1929	459,446	79.0	1947	647,860	(4)	4.52
1912	206,439	102.5	1930	501,981	94.0	1948	715,074	(4)	4.90
1913	203,764	98.0	1931	451,644	80.8	1949	651,534	(4)	4.39
1914	221,439	104.1	1932	400,360	88.6	1950	648,909	(4)	4.29

¹ Adjusted for fluctuations in commodity prices and for variations in amount of property exposed to loss.

² Based on population estimates of the Bureau of the Census. Excludes armed forces overseas.

³ See headnote. ⁴ Not available.

Source: National Board of Fire Underwriters, New York, N. Y.; *Report of the Committee on Statistics and Origin of Fires*.

No. 516.—BUSINESS OF FIRE, MARINE, AND CASUALTY INSURERS: 1935 TO 1950

[In thousands of dollars except number of companies. Data cover transactions of both United States and foreign stock, mutual, and reciprocal companies in continental U. S., Territories, and possessions]

ITEM	1935	1940	1945	1948	1949	1950
ALL COMPANIES						
Total admitted assets, Dec. 31	3,951,865	5,002,220	7,670,729	10,331,997	11,009,183	13,084,840
Total liabilities except capital, Dec. 31 ¹	1,995,829	2,654,036	4,486,578	6,026,893	7,810,212	8,579,174
Unearned premiums reserve	1,071,343	1,379,054	1,968,186	4,533,003	3,887,070	4,314,733
Reserve for losses ²	623,489	864,627	1,602,129	2,328,822	2,597,887	2,842,333
Capital paid up, Dec. 31 ³	487,073	551,120	638,630	705,016	760,088	824,817
Surplus over capital and liabilities ⁴	1,408,363	1,797,064	2,645,621	2,700,088	3,329,883	3,680,848
Net premiums written	1,633,856	2,141,178	3,110,124	5,059,007	5,031,062	6,813,060
Premiums earned	1,548,191	2,024,901	2,860,638	5,202,430	5,553,117	6,251,352
Total income	1,811,626	2,341,612	3,361,537	6,097,119	(⁵)	(⁵)
Losses paid	648,455	842,449	1,321,362	2,250,201	2,308,379	2,785,717
Expenses paid	641,013	776,484	1,018,048	1,805,220	2,203,334	2,783,428
Losses incurred ²	754,209	1,024,937	1,627,602	2,791,099	2,827,403	3,530,314
Expenses incurred (includes taxes)	659,248	844,020	1,105,856	1,962,169	2,042,206	2,326,924
STOCK COMPANIES						
Number reporting	513	551	564	571	613	585
Total admitted assets, Dec. 31	3,430,367	4,234,336	6,332,533	8,469,726	9,538,216	10,706,400
Total liabilities except capital, Dec. 31 ¹	1,712,701	2,177,817	3,565,168	5,580,602	6,161,424	6,883,296
Unearned premiums reserve	940,484	1,177,071	1,651,849	3,963,939	3,240,030	3,553,382
Reserve for losses ²	519,495	668,180	1,216,167	1,788,973	1,900,312	2,130,736
Capital paid up, Dec. 31	481,320	532,854	623,053	681,527	729,046	781,275
Surplus over capital and liabilities ⁴	1,236,346	1,523,065	2,144,312	2,207,597	2,647,740	3,041,820
Net premiums written	1,354,355	1,729,039	2,464,405	4,445,090	4,768,509	5,180,898
Premiums earned	1,317,323	1,643,411	2,256,134	4,066,801	4,244,034	4,828,182
Total income	1,508,836	1,902,109	2,678,849	4,841,579	(⁵)	(⁵)
Losses paid	549,477	685,006	1,063,877	1,821,931	1,855,400	2,068,717
Expenses paid	570,944	673,070	870,625	1,532,059	1,692,902	2,265,640
Dividends paid to stockholders	81,949	90,595	101,826	106,323	125,652	139,223
Dividends paid to policyholders	3,674	9,791	15,016	22,324	33,790	27,023
Net remittance to home office	19,985	12,910	13,845	8,380	7,948	15,897
Other disbursements	135,941	243,975	295,043	423,875	(⁵)	(⁵)
Losses incurred ²	654,834	834,236	1,233,811	2,207,271	2,137,152	2,698,345
Expenses incurred (includes taxes)	588,013	739,485	938,532	1,661,850	1,904,983	1,936,626
MUTUAL COMPANIES						
Number reporting	104	271	206	258	332	286
Total admitted assets, Dec. 31	462,535	670,162	1,205,838	1,667,390	2,161,425	2,135,398
Total liabilities except capital, Dec. 31 ¹	267,028	427,826	837,009	1,217,045	1,614,612	1,635,959
Unearned premiums reserve	116,614	180,293	290,593	512,892	589,639	593,621
Reserve for losses ²	65,620	180,694	354,009	498,210	651,937	682,543
Guaranty fund	6,853	14,977	12,824	19,273	30,855	30,208
Surplus over capital and liabilities ⁴	109,154	233,359	355,105	430,472	615,958	603,231
Net premiums written	245,787	300,419	578,111	1,073,292	1,089,304	1,453,216
Premiums earned	230,893	326,564	540,978	977,133	1,241,205	1,256,847
Total income	296,439	384,035	612,694	1,106,716	(⁵)	(⁵)
Losses paid	85,583	137,706	228,695	335,030	424,316	618,048
Expenses paid	59,712	87,891	127,214	230,464	465,356	458,026
Dividends paid to policyholders	59,003	72,041	101,290	142,044	151,053	148,178
Other disbursements	21,245	39,671	58,941	116,308	(⁵)	(⁵)
Losses incurred ²	99,375	164,881	300,162	518,268	658,909	739,578
Expenses incurred (includes taxes)	71,235	88,565	147,200	259,422	329,372	339,991
RECIPROCAL ORGANIZATIONS						
Number reporting	33	57	51	51	44	51
Total admitted assets, Dec. 31	58,993	91,722	132,358	194,881	209,642	243,642
Total liabilities except capital, Dec. 31 ¹	26,100	48,393	83,501	128,646	134,176	159,020
Unearned premium reserve	14,245	22,289	25,744	50,773	60,706	67,730
Reserve for losses ²	8,466	15,644	31,953	41,938	45,638	59,055
Guaranty fund	32,863	2,286	2,753	4,216	9,187	7,338
Surplus over capital and liabilities ⁴	33,714	40,040	46,104	62,019	69,179	76,789
Net premiums written	(⁵)	51,121	67,608	140,620	73,849	170,543
Premiums earned	(⁵)	54,927	63,526	158,497	67,270	106,524
Total income	36,352	55,468	72,994	148,824	(⁵)	(⁵)
Losses paid	13,396	19,737	28,821	43,350	28,063	68,952
Expenses paid	10,356	15,533	20,309	30,116	45,076	59,702
Dividends paid to subscribers	5,862	9,670	7,461	8,102	13,083	10,500
Other disbursements	2,958	6,894	7,956	21,059	(⁵)	(⁵)
Losses incurred ²	(⁵)	25,820	43,630	65,559	31,943	92,391
Expenses incurred (includes taxes)	(⁵)	15,979	20,064	40,897	17,941	50,407

¹ Includes voluntary reserve.² Includes adjustment expenses.³ Includes guaranty fund.⁴ Excludes voluntary reserve.⁵ Not available.⁶ Based on incomplete returns.⁷ Incurred basis. Paid basis not available.

Source: The Spectator, Philadelphia, Pa., *Insurance Yearbook*, Fire and Marine Volume and Casualty and Surety Volume.

No. 517.—LIFE, FIRE, AND CASUALTY INSURANCE BUSINESS, BY STATES: 1950

[In thousands of dollars. Totals in this table differ from figures for corresponding items in preceding tables because data by States are compiled for all companies operating in each State whereas aggregates shown in other tables cover data for companies from which annual reports were obtained]

STATE	LIFE			FIRE AND CASUALTY	
	Premiums received	Insurance in force, Dec. 31	Death claims	Premiums written	Losses paid
Total	6,487,319	254,744,272	2,266,096	8,415,852	3,777,865
Alabama.....	73,706	2,880,018	22,057	74,521	30,007
Arizona.....	17,355	663,542	4,048	30,170	13,794
Arkansas.....	29,656	1,132,100	9,009	59,441	23,034
California.....	414,169	15,950,778	135,130	743,867	329,187
Colorado.....	50,105	1,941,851	16,036	62,008	27,979
Connecticut.....	119,907	4,566,831	47,732	137,797	53,899
Delaware.....	10,412	2,722,102	6,811	17,274	6,280
District of Columbia.....	47,439	2,012,912	18,705	38,901	15,011
Florida.....	99,488	3,410,669	36,702	145,411	63,167
Georgia.....	101,362	4,051,026	31,224	127,792	49,370
Idaho.....	13,836	518,783	3,935	26,231	10,074
Illinois.....	464,065	17,658,919	157,836	670,425	258,044
Indiana.....	156,446	6,557,537	49,373	224,000	94,509
Iowa.....	85,965	3,448,483	21,079	137,533	71,110
Kansas.....	63,910	2,503,112	16,016	97,534	43,217
Kentucky.....	70,756	2,758,205	22,159	97,888	37,261
Louisiana.....	64,904	2,757,880	28,680	116,889	45,567
Maine.....	32,020	1,116,670	11,281	40,861	18,116
Maryland.....	111,172	4,087,670	38,970	109,246	44,572
Massachusetts.....	247,099	8,937,101	94,023	323,802	155,247
Michigan.....	250,219	11,010,306	81,943	388,004	191,271
Minnesota.....	111,771	4,249,855	37,839	154,002	68,955
Mississippi.....	27,236	1,128,562	11,953	53,815	23,034
Missouri.....	155,632	6,169,478	59,056	194,787	86,722
Montana.....	17,714	673,681	5,778	28,983	11,385
Nebraska.....	45,557	1,770,807	14,033	70,889	32,260
Nevada.....	4,796	179,224	1,587	9,105	8,901
New Hampshire.....	23,685	814,252	8,737	34,645	17,680
New Jersey.....	281,303	10,697,983	108,387	295,945	133,782
New Mexico.....	13,198	473,522	2,934	32,691	11,990
New York.....	884,014	33,394,128	382,504	1,158,655	565,608
North Carolina.....	125,135	4,035,230	25,683	134,030	50,505
North Dakota.....	14,040	555,764	3,254	27,105	10,006
Ohio.....	434,890	15,488,108	129,447	429,442	198,329
Oklahoma.....	54,888	2,351,314	18,947	100,347	52,043
Oregon.....	47,492	1,810,334	16,705	87,353	34,936
Pennsylvania.....	545,639	21,385,968	198,835	618,106	228,702
Rhode Island.....	42,517	1,480,171	16,474	42,959	20,165
South Carolina.....	60,956	2,283,623	17,389	66,598	22,832
South Dakota.....	15,158	561,943	3,321	28,630	12,417
Tennessee.....	84,062	3,412,053	25,748	121,046	48,696
Texas.....	231,933	9,619,138	58,509	387,886	167,466
Utah.....	23,007	960,674	6,115	26,014	10,781
Vermont.....	14,378	488,493	6,665	18,103	9,194
Virginia.....	112,800	4,012,720	32,555	123,631	48,517
Washington.....	76,810	2,974,972	24,552	122,985	51,501
West Virginia.....	53,082	2,134,332	17,656	66,264	28,241
Wisconsin.....	136,819	5,262,179	42,947	181,706	89,362
Wyoming.....	7,990	316,363	1,986	13,063	4,371
Alaska.....	1,103	43,531	268	-----	-----
Canal Zone.....	2	504	14	-----	-----
Hawaii.....	17,108	684,048	6,080	-----	-----
Puerto Rico.....	4,089	106,058	3,212	-----	-----
Canada.....	268,404	15,971,792	107,803	301,863	152,291
Mexico.....	78	42,297	25	-----	-----
Philippine Islands.....	6,222	120,889	8,713	-----	-----
Foreign countries.....	1,613	126,617	1,497	-----	-----
Miscellaneous.....	8,269	324,031	1,480	-----	-----

Sources: The Spectator, Philadelphia, Pa.; Insurance Yearbook, Life Volume, Fire and Marine Volume, and Casualty and Surety Volume.

17. Business Enterprise

(Sent to print April 10, 1952)

Statistics in this section relate in general to the place and the behavior of the business firm and business initiative in the American economy. More specifically, the data show measures of and changes in business population, corporate assets and liabilities, certain types of business income and expenditure, and patents and designs.

Business population and turnover.—These estimates of Office of Business Economics (see tables 518 and 519) are based on data from a number of sources, particularly Bureau of the Census, Bureau of Internal Revenue, and Bureau of Old-Age and Survivors Insurance. A firm is defined here 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 counted only in that industry accounting for the highest proportion of its total employment. 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 business population differs from that of the Bureau of the Census which ordinarily represents a count of establishments, i. e., manufacturing plants or retail stores.

The number of new and discontinued businesses is estimated from tabulations prepared by the Bureau of Old-Age and Survivors Insurance, which show the number of employer identification numbers issued and canceled each quarter.

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. The data are not directly comparable with those on new firms and discontinuances.

Information on new incorporations is collected by Dun & Bradstreet and is available monthly, by States, beginning in July 1945. The statistics include both completely new businesses which are incorporated, and changes in existing businesses from the noncorporate to the corporate form of organization, the transfer of an existing corporation to a new State, etc.

Corporate assets and liabilities.—These data are from the Bureau of Internal Revenue and the Securities and Exchange Commission. In its annual report, *Statistics of Income, Part 2*, the Bureau of Internal Revenue presents abbreviated 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 and insurance companies, showing the principal components of current assets and liabilities.

Corporation income, profits, dividends, and taxes.—The Bureau of Internal Revenue, the Office of Business Economics of the Department of Commerce, and the Board of Governors of the Federal Reserve System are the principal sources of statistics on these subjects. The statistics of these agencies overlap in many respects but are not comparable because of differing purposes of compilation.

Corporation statistics based on income tax returns are published by the Bureau of Internal Revenue in the annual *Statistics of Income, Part 2*.

Corporate data of the Office of Business Economics are from statistics on national income and product which may be found in its *Survey of Current Business*. In par-

ticular, see regular February and July monthly issues, and the 1951 *National Income Supplement*. These data 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 Bureau of Internal Revenue and summarized in the annual report on *Statistics of Income, Part 2*. Various adjustments of the *Statistics of Income* data have been 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. For details of these adjustments, see table 38 of the reports on national income and product in the *National Income Supplement* cited above. That table provides a reconciliation between the national income profit series and those reported in *Statistics of Income*.

Unincorporated enterprises.—These data also are from the national income and product statistics of the Office of Business Economics. Net income of these enterprises is a composite income share. It includes return on proprietors' investment and risk, as well as return from proprietors' own labor and any labor contributed by proprietors' families to the business.

Sources and uses of corporate funds.—These data indicate capital requirements of corporations and manner in which they are financed. Sources of funds should be 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 (2) transactions in securities held as permanent investments except public offerings, and (3) the fact that net new issues omit entrepreneurial capital for new corporations where no offering or sales of securities are made to the public or to institutions. Liquidation of such corporations is similarly not reflected.

Business sales and inventories.—These data include all companies, both corporate and noncorporate, major activities of which are in manufacturing or trade. Farm and other nonfarm businesses are not included. The manufacturing figures are the sum of (1) totals for corporations from Bureau of Internal Revenue *Statistics of Income* data for 1939-48 and projections of 1948 figures by means of a representative sample of manufacturing corporations for 1947-51, and (2) estimates for unincorporated enterprises projected, by means of sample data, back to 1939 and forward to 1951 from benchmarks on sole proprietorships and partnerships from Bureau of Internal Revenue for the years 1939, 1945 and 1947.

Retail and wholesale trade estimates are based on figures in 1939 and 1948 Censuses of Business, interpolated and carried forward by means of sample data, Bureau of Internal Revenue compilations, and other information.

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 Bureau of Agricultural Economics) from physical quantity data.

Historical statistics.—See preface and historical appendix. Tabular headnotes (as "See also *Historical Statistics*, series P 176-187") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*.

No. 518.—NUMBER OF FIRMS IN OPERATION, 1929 TO 1951, AND NEW AND DISCONTINUED BUSINESSES, TRANSFERS, AND NEW INCORPORATIONS, 1944 TO 1951

[In thousands except new incorporations. Data are for continental United States. Excludes firms in agriculture, forestry, fishing 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.]

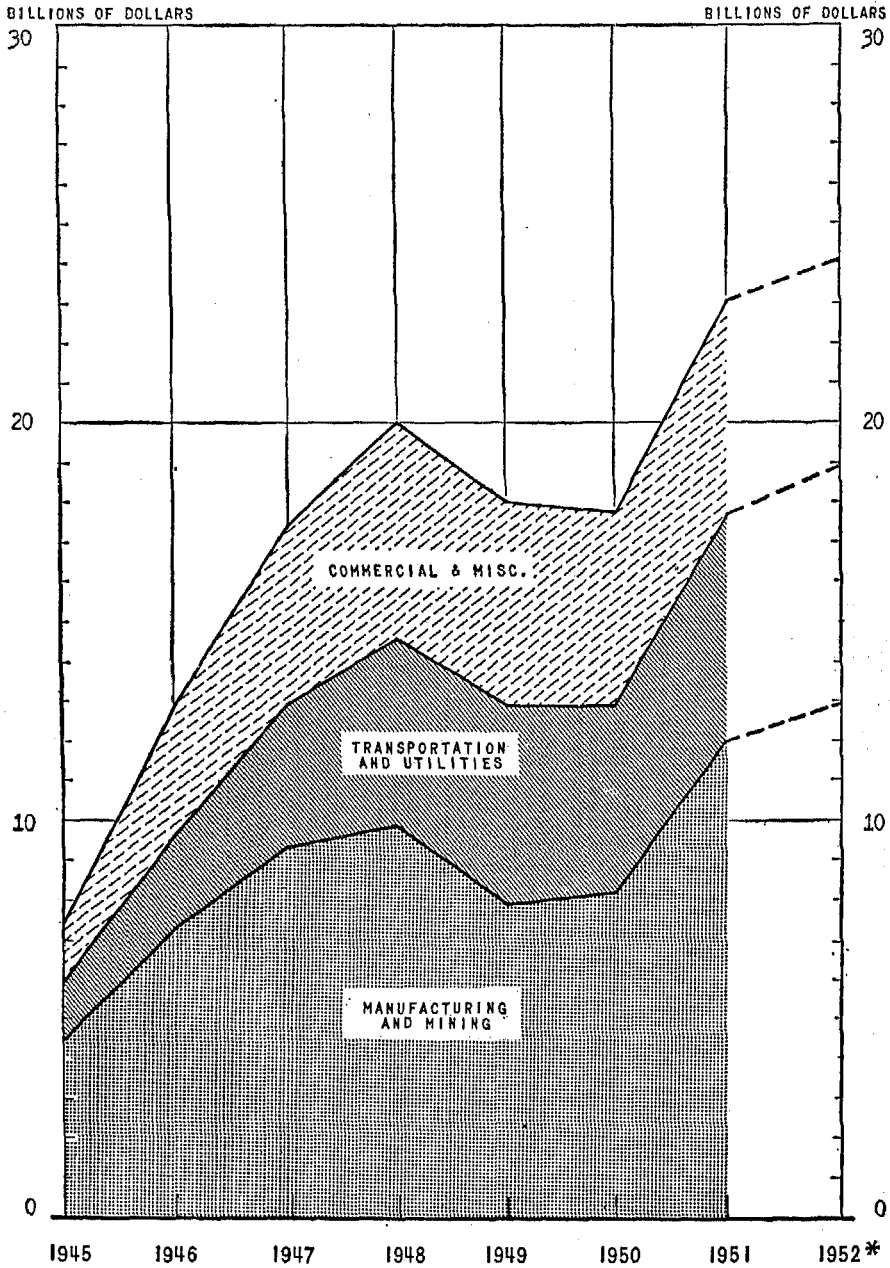
TYPE AND STATUS OF FIRMS	All industries	Mining and quarrying	Contract construction	Manufacturing	Transportation, communication, and other public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Service industries
FIRMS IN OPERATION (Annual averages)									
1929.....	3,097.1	38.0	233.0	257.6	117.2	114.9	1,341.1	324.8	670.5
1933.....	2,847.2	34.3	184.7	167.1	105.5	110.0	1,304.4	289.1	652.1
1935.....	3,055.2	37.2	179.8	205.7	125.0	122.0	1,403.8	201.8	609.8
1940.....	3,382.8	37.3	199.2	226.7	148.0	146.8	1,596.0	310.5	718.3
1944.....	3,062.2	31.0	153.4	245.2	123.8	146.1	1,303.3	312.3	657.1
1945.....	3,258.4	31.2	176.7	262.8	139.9	169.7	1,466.6	325.4	706.0
1946.....	3,605.4	32.4	242.6	301.9	163.0	181.1	1,574.0	337.6	772.8
1947.....	3,879.4	33.8	289.3	330.6	180.8	196.6	1,673.0	344.7	830.6
1948.....	3,990.6	35.2	321.0	329.6	188.3	202.7	1,709.6	340.8	857.4
1949.....	3,964.8	34.6	335.0	312.0	189.3	203.0	1,693.2	344.7	853.0
1950.....	3,980.4	34.2	358.0	303.0	194.2	204.0	1,685.2	347.2	854.5
1951 (prel.).....	4,005.0	34.2	373.5	308.0	203.3	206.0	1,671.6	351.7	855.7
NEW BUSINESSES									
1944.....	354.9	3.8	29.4	36.0	25.6	18.5	127.3	26.5	87.8
1945.....	429.8	4.0	56.0	48.3	27.9	22.4	150.1	25.3	95.8
1946.....	619.8	5.0	94.9	76.7	40.0	31.9	216.4	26.7	128.3
1947.....	476.4	5.1	74.9	50.2	28.7	23.4	170.5	20.0	103.6
1948.....	404.6	6.0	66.6	40.6	23.8	18.8	143.3	18.7	86.8
1949.....	358.6	4.2	58.6	32.1	20.0	16.3	136.7	17.7	73.0
1950.....	397.5	4.8	71.5	42.9	24.8	17.2	139.6	23.2	73.5
1951, 1st quarter.....	122.0	1.2	21.0	14.4	9.1	5.3	41.3	7.8	21.9
DISCONTINUED									
1944.....	198.4	3.9	16.5	21.9	11.2	6.6	78.0	14.7	45.7
1945.....	202.6	3.7	18.1	26.7	11.1	7.3	75.6	13.8	46.4
1946.....	226.4	3.2	26.6	29.2	14.3	8.9	79.1	14.1	51.2
1947.....	291.8	4.0	36.5	41.1	17.1	13.1	102.7	16.3	60.9
1948.....	371.0	4.9	43.4	47.6	19.7	16.3	141.4	18.6	79.1
1949.....	386.3	5.6	40.9	53.0	19.2	16.4	150.5	19.4	75.3
1950.....	365.2	4.8	45.5	42.2	16.4	15.1	150.2	18.3	72.6
1951, 1st quarter.....	100.2	1.1	14.3	10.8	5.1	3.7	41.4	5.6	18.3
TRANSFERS AND INCORPORATIONS									
Business transfers.....	348.0		437.4	404.1	357.0	340.2	346.5		93.8
New incorporations ¹	35,781		132,916	112,638	96,101	85,491	92,925		22,754
NEW BUSINESSES BY TYPE OF ORGANIZATION									
All types.....	429.8	619.8	476.4	404.6	358.6	397.5		122.0	
Individual.....	285.9	389.6	306.6	265.4	240.8	269.0		55.8	
Partnership.....	113.2	181.2	127.8	99.2	82.6	89.0		26.6	
Corporate.....	28.4	40.6	39.6	39.6	33.2	37.2		8.9	
Other.....	2.3	2.5	2.3	2.4	2.0	2.5		.7	

¹ Compiled by Dun and Bradstreet, Inc. Available only since July 1945.

² 47 States (excludes Louisiana).

Fig. XXII.—BUSINESS EXPENDITURES FOR NEW PLANT AND EQUIPMENT:
1945 TO 1952

[Excludes agriculture. See table 531]



* Anticipated by business.

Source: Securities and Exchange Commission and Department of Commerce, Office of Business Economics.

No. 519.—NUMBER OF FIRMS IN OPERATION, MARCH 31, 1949 TO 1951, AND NUMBER OF NEW AND DISCONTINUED BUSINESSES, 1949 AND 1950, BY STATES AND REGIONS

[In thousands. Data are for continental U. S. Based on data from Bureau of Old-Age and Survivors Insurance. Firms doing business in more than 1 State counted only once and classified in State of firm's reporting headquarters]

STATE AND REGION	FIRMS IN OPERATION			NEW BUSINESSES		DISCONTINUED BUSINESSES	
	1949	1950 ¹	1951 ¹	1949 ¹	1950 ¹	1949 ¹	1950 ¹
United States.....	3, 973.0	3, 968.4	4, 007.4	358.6	397.5	386.3	365.2
New England.....	272.2	269.8	269.5	19.9	23.6	24.8	22.3
Connecticut.....	60.4	59.1	59.3	5.0	5.4	7.2	5.4
Maine.....	28.8	29.0	30.2	2.2	3.1	2.3	2.2
Massachusetts.....	132.4	131.7	129.6	9.0	10.7	10.9	10.2
New Hampshire.....	17.4	17.0	17.0	1.4	1.6	1.9	1.7
Rhode Island.....	22.2	22.4	22.5	1.6	1.9	1.5	1.9
Vermont.....	11.0	10.6	10.8	.7	.9	1.1	.8
Middle East.....	1, 049.7	1, 067.4	1, 079.4	92.9	100.5	87.2	85.7
Delaware.....	9.3	9.6	9.9	.9	.9	.6	.6
District of Columbia.....	23.1	23.4	23.6	1.9	1.9	1.7	1.6
Maryland.....	51.7	52.5	53.7	4.9	5.3	4.2	4.2
New Jersey.....	147.1	149.4	150.7	12.2	13.4	10.6	11.8
New York.....	527.8	540.3	547.2	40.8	55.0	45.2	45.8
Pennsylvania.....	251.0	252.8	254.0	19.4	19.9	20.4	17.9
West Virginia.....	36.6	39.4	40.2	3.0	4.1	4.4	3.7
Southeast.....	599.0	607.5	622.7	64.3	73.4	59.0	59.1
Alabama.....	49.2	48.1	49.6	5.3	5.1	6.2	5.0
Arkansas.....	35.4	34.5	34.3	3.3	3.4	4.0	3.9
Florida.....	81.5	87.8	91.2	13.0	14.3	6.5	9.1
Georgia.....	62.3	61.0	62.5	5.9	8.0	9.0	7.3
Kentucky.....	53.0	52.3	54.7	5.3	5.8	6.0	3.5
Louisiana.....	51.9	51.9	51.8	5.3	6.0	6.4	6.0
Mississippi.....	32.0	32.5	33.1	3.0	3.5	2.7	2.8
North Carolina.....	70.1	72.8	74.7	7.4	8.0	5.5	5.1
South Carolina.....	35.0	35.8	37.8	3.2	4.2	2.9	2.8
Tennessee.....	59.3	60.1	60.6	5.6	6.8	5.1	7.1
Virginia.....	69.4	70.7	72.4	7.0	8.3	4.6	6.4
Southwest.....	291.1	290.1	295.0	31.3	35.7	34.6	30.9
Arizona.....	19.6	18.9	18.8	2.4	2.6	3.3	2.8
New Mexico.....	16.0	15.9	15.8	2.0	2.2	2.1	2.5
Oklahoma.....	53.2	52.9	53.3	4.7	5.9	5.5	5.5
Texas.....	202.2	202.4	207.1	22.1	25.0	23.7	20.0
Central.....	1, 095.6	1, 085.0	1, 092.2	81.0	90.4	91.8	90.5
Illinois.....	271.7	265.4	266.5	18.9	21.1	23.4	23.6
Indiana.....	99.6	97.6	96.6	7.2	8.0	9.1	9.3
Iowa.....	76.5	75.1	74.6	4.6	4.9	5.8	6.3
Michigan.....	159.6	161.4	165.5	14.5	16.8	13.4	13.8
Minnesota.....	80.5	79.6	79.6	5.1	5.9	6.3	6.0
Missouri.....	109.4	106.2	107.8	7.9	9.1	10.6	9.6
Ohio.....	200.8	203.1	205.1	16.0	18.3	16.3	14.9
Wisconsin.....	97.6	96.7	96.5	6.2	6.2	7.0	6.9
Northwest.....	221.0	219.5	222.0	19.2	20.6	21.0	20.0
Colorado.....	37.3	37.1	37.4	4.1	4.4	4.3	4.3
Idaho.....	15.2	14.8	14.6	1.4	1.9	1.7	2.2
Kansas.....	55.9	56.5	58.6	4.7	4.0	4.5	3.3
Montana.....	18.3	18.3	18.3	1.7	1.7	1.7	1.6
Nebraska.....	38.1	37.5	37.6	2.5	2.7	3.0	3.2
North Dakota.....	14.9	14.4	14.2	1.2	1.0	1.7	1.1
South Dakota.....	17.9	17.8	17.6	1.4	1.4	1.4	1.7
Utah.....	15.0	14.9	15.3	1.3	1.6	1.5	1.5
Wyoming.....	8.0	8.3	8.5	.9	.9	1.1	.9
Far West.....	444.4	429.1	426.5	50.1	53.4	67.9	56.6
California.....	323.6	311.9	309.6	37.2	37.6	51.9	40.6
Nevada.....	5.7	5.4	5.2	.8	.7	1.1	1.0
Oregon.....	50.2	48.6	49.4	5.5	7.9	6.9	6.8
Washington.....	64.9	63.2	62.3	6.6	7.1	8.0	8.3

¹ Preliminary.

Source: U. S. Department of Commerce, Office of Business Economics; *Survey of Current Business*.

No. 520.—CORPORATION ASSETS AND LIABILITIES: 1930 TO 1948

[Money figures in millions of dollars. See headnote, table 522]

ITEM	1930	1935	1940	1945	1946	1947	1948
Returns of active corporations, number.....	463,036	477,113	473,042	421,125	491,152	551,807	594,243
Balance sheets, number.....	403,173	415,205	413,716	374,950	440,750	496,821	536,833
Total assets or liabilities ¹.....	334,002	303,150	320,478	441,461	454,705	494,615	525,136
ASSETS							
Cash ²	21,012	23,664	41,423	57,717	58,502	64,360	65,737
Notes and accounts receivable ³	59,675	38,690	42,804	51,630	61,371	75,959	84,597
Inventories.....	18,771	14,788	19,463	20,067	36,965	44,000	48,293
Investments, government obligations ⁴	10,228	21,863	29,670	129,635	100,910	108,774	104,819
Other investments.....	83,809	90,163	80,429	74,026	77,089	78,363	84,202
Capital assets (less depreciation and depletion reserves).....	120,994	100,480	100,214	92,057	100,320	112,104	125,650
Other assets.....	19,511	13,501	6,514	10,029	10,541	10,940	11,838
LIABILITIES							
Notes and accounts payable.....	26,870	25,332	22,683	24,663	30,840	36,826	38,527
Bonded debt and mortgages.....	50,282	49,822	49,199	40,987	44,968	50,108	57,326
Other liabilities.....	95,568	89,066	110,210	221,286	214,283	227,114	232,064
Capital stock: ⁵							
Preferred.....	19,117	19,533	17,138	14,764	14,857	15,007	14,957
Common.....	87,067	82,733	72,292	64,747	68,334	72,463	76,774
Surplus and undivided profits ⁷	61,832	48,838	61,633	83,585	89,840	101,404	113,607
Deficit ⁸	6,734	12,163	12,676	8,571	8,416	8,307	8,113
Net surplus.....	55,098	36,665	48,957	75,014	81,423	93,097	105,489

¹ Excludes returns with fragmentary balance sheet data.² Adjustments are made in tabulating data as follows: (1) Reserves for depreciation, depletion, amortization, and bad debts, when reported under liabilities are used to reduce corresponding asset account, and "Total assets" and "Total liabilities" are decreased by amount of such reserves; and (2) a deficit in surplus, reported under assets, is transferred to liabilities, and "Total assets" and "Total liabilities" are decreased by amount of deficit.³ Cash in till and deposits in banks.⁴ Less reserve for bad debts. Includes loans and discounts of banks.⁵ Consists of obligations of United States or any agency or instrumentality thereof; obligations of States, Territories, and political subdivisions thereof, District of Columbia, and United States possessions.⁶ For balance sheets in which common and preferred stock are not reported separately, combined amount is tabulated as "Common stock."⁷ Consists of sum of positive amounts of "Paid-in or capital surplus," "Earned surplus and undivided profits," and "Surplus reserves."⁸ Consists of negative amounts for "Earned surplus and undivided profits."Source: Treasury Department, Bureau of Internal Revenue; *Statistics of Income*, Part 2.

No. 521.—CURRENT ASSETS AND LIABILITIES OF U. S. CORPORATIONS: 1941 TO 1951

[In billions of dollars. Covers all U. S. corporations excluding banks and insurance companies. 1941-1948 based on Bureau of Internal Revenue Statistics of Income, covering virtually all corporations in United States; for 1949-51 estimated (subject to revision), based on data compiled from many different sources, including data on corporations registered with Securities and Exchange Commission. Figures as of end of specified years]

ASSETS AND LIABILITIES	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951
Current assets, total.....	72.9	83.6	93.8	97.2	97.4	108.1	123.6	132.9	130.9	153.0	168.8
Cash on hand and in banks.....	13.9	17.6	21.6	21.6	21.7	22.8	25.0	25.3	26.4	27.3	29.4
U. S. Government securities.....	4.0	10.1	16.4	20.9	21.1	15.3	14.1	14.8	17.0	20.8	21.4
Receivables from U. S. Government ¹.....	.6	4.0	5.0	4.7	2.7	.7	38.3	42.4	41.9	51.8	55.2
Other notes and accounts receivable.....	27.4	23.3	21.9	21.8	23.2	30.0					
Inventories.....	25.6	27.3	27.6	26.8	26.3	37.6	44.6	48.9	44.2	51.4	60.7
Other current assets ²	1.4	1.8	1.3	1.4	2.4	1.7	1.6	1.6	1.4	1.7	2.1
Current liabilities, total.....	40.7	47.3	51.6	51.7	45.8	51.9	61.5	64.4	58.5	74.6	87.9
Advances and prepayments, U. S. Government ³.....	.8	2.0	2.2	1.8	.9	.1	37.6	39.4	35.7	44.6	52.3
Other notes and accounts payable.....	25.6	24.0	24.1	25.0	24.8	31.5					
Federal income tax liabilities.....	7.1	12.6	16.6	15.5	10.4	8.5	10.7	11.5	9.7	15.4	20.1
Other current liabilities ⁴	7.2	8.7	8.7	9.4	9.7	11.8	13.2	13.5	13.1	14.6	15.5
Net working capital.....	32.3	36.3	42.1	45.6	51.6	56.2	62.1	68.6	72.4	78.4	80.9

¹ Receivables from and payables to U. S. Government exclude amounts offset against each other on corporations' books or amounts arising from subcontracting which are not directly due from or to U. S. Government.² Includes marketable securities other than U. S. Government.³ Beginning 1942 includes provisions for renegotiation other than those combined with income tax liabilities.Source: Securities and Exchange Commission; Statistical Series, *Net Working Capital of U. S. Corporations*. Data are published quarterly.

No. 522.—CORPORATION RECEIPTS, DEDUCTIONS, PROFITS, AND TAX: 1925 TO 1948

[Includes data for Alaska, District of Columbia, and Hawaii; based on income tax returns as filed, prior to audit adjustments or other changes made after the returns were filed, as the result of carry-backs, relief granted under section 722 of the Internal Revenue Code, recomputation of amortization of emergency facilities, or renegotiation of war contracts. All corporations are required to file returns except those specifically exempt, such as mutual, fraternal, civic, and charitable organizations not operating for profit. Returns of inactive corporations are excluded from these tabulations, except as noted. In comparing data over a period of years, changes in law must be taken into consideration, especially discontinuance for 1934-41 of privilege of filing consolidated returns (except by railroad corporations and their related holding or leasing companies and, in 1940-41, by Pan American trade-corporations) and the restoration of this privilege in 1942. See source publications for effect of changes on statistical items. Data represent combined totals for returns reporting net income and those reporting no net income. For number of returns, see table 376, p. 327]

[In millions of dollars]

ITEM	1925	1930	1935	1940	1945	1946	1947	1948
Compiled receipts, total ¹	134,780	136,588	114,650	148,237	255,448	288,954	367,746	410,966
Gross sales.....	100,832	97,941	85,332	114,642	203,575	234,924	304,296	330,082
Gross receipts from other operations.....	(2)	25,267	19,790	24,483	40,455	40,763	49,498	50,484
Other receipts.....	26,253	10,283	5,801	8,320	10,004	12,795	13,506	15,007
Tax-exempt income:								
Dividends from domestic corporations.....	1,175	2,571	3,014	(3)	(3)	(2)	(3)	(3)
Interest on Government obligation ⁴	520	526	714	783	513	472	446	393
Compiled deductions, total ⁵	125,464	131,940	109,227	138,889	234,102	263,555	336,130	376,378
Cost of goods sold.....	84,716	76,190	66,279	86,739	157,377	179,769	234,300	261,404
Cost of operations.....	(2)	9,190	12,267	22,066	23,273	28,205	32,820	32,820
Interest paid.....	3,617	4,861	3,261	2,701	2,308	2,251	2,501	2,759
Taxes paid ⁶	(7)	2,297	2,628	4,317	5,585	5,831	6,893	7,482
Depreciation and depletion ⁷	3,330	4,449	3,701	4,003	6,020	5,005	6,489	8,049
Other deductions.....	33,801	44,142	24,167	28,832	39,546	47,360	57,742	63,864
Compiled net profit or loss ⁸	9,316	4,649	5,423	9,348	21,345	25,399	31,615	34,588
Net income or deficit ¹⁰	7,621	1,551	1,606	8,919	21,139	25,193	31,423	34,425
Deduction due to net loss for prior year ¹¹	243	158	-----	123	114	140	184	204
Total tax ¹²	1,170	712	735	2,549	10,795	8,875	10,981	11,920
Compiled net profit less total tax.....	8,146	3,937	4,688	6,800	10,551	16,524	20,634	22,668
Dividends paid:								
Cash.....	5,190	8,184	5,941	6,089	6,081	7,497	8,365	9,386
Stock.....	544	414	136	140	334	527	701	1,025

¹ Total compiled receipts consist of gross sales (less returns and allowances), gross receipts from operations (where inventories are not an income-determining factor), all interest received on Government obligations (less amortizable bond premium), other interest, rents, royalties, excess of net short-term capital gain over net long-term capital loss, excess of net long-term capital gain over net short-term capital loss, net gain from sale or exchange of property other than capital assets, dividends, and other taxable income. Total compiled receipts exclude non-taxable income other than tax-exempt interest received on certain Government obligations.

² Not available.

³ Beginning 1936, "Dividends from domestic corporations" are taxable income, tabulated with "other receipts."

⁴ Beginning 1934, includes in addition to the wholly tax-exempt interest, that which is partially tax-exempt. 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 receipts" for 1941-48.

⁵ Beginning 1936, includes contributions or gifts (limited to 5 percent of net income before this deduction).

⁶ Excludes (1) Federal income tax and Federal excess-profits taxes; (2) estate, inheritance, legacy, succession, and gift taxes; (3) income taxes paid to a foreign country or possession of United States, if any portion is claimed as a tax credit; (4) taxes assessed against local benefits; (5) Federal taxes paid on tax-free covenant bonds; and (6) taxes reported in "Cost of goods sold" and "Cost of operations."

⁷ Tabulated with "Other deductions."

⁸ Includes amortization of emergency facilities for 1940 and later years.

⁹ Compiled receipts less compiled deductions.

¹⁰ Net income (or deficit), in general, represents taxable income less allowable deductions, except that for 1925 and 1930, and for 1940-48, amount shown is before deduction due to net operating loss of prior years.

¹¹ Deducted by corporations reporting net income.

¹² In addition to income tax, includes: declared value excess-profits tax, 1933-45; defense tax, 1940; and excess profits tax under provisions of Second Revenue Act of 1940, 1940-46.

Source: Treasury Department, Bureau of Internal Revenue; *Statistics of Income*, Part 2.

No. 523.—CORPORATION INCOME TAX RETURNS, BY TOTAL-ASSETS CLASSES, BY INDUSTRIAL DIVISIONS: 1948

[All money figures (except assets classes) in millions of dollars. See headnote, table 522]

TOTAL-ASSETS CLASS (thou- sands of dollars)	Number of returns ¹	Total assets or liabil- ities ¹	Total com- piled receipts ²	Net in- come or deficit ³	Income tax	Number of returns ¹	Total assets or liabil- ities ¹	Total com- piled receipts ²	Net in- come or deficit ³	Income tax
	All industrial divisions					Agriculture, forestry, and fishery				
Total.....	536,833	525,136.0	405,429.6	34,085.7	11,771.3	6,539	1,854.9	1,812.2	216.4	77.6
Under 50.....	234,500	5,006.5	13,214.5	53.5	84.2	2,482	57.7	110.5	.8	1.1
50-100.....	96,747	6,948.5	15,544.5	471.2	151.7	1,301	93.6	130.6	4.3	1.7
100-250.....	100,341	15,832.1	33,605.6	1,387.6	480.2	1,489	237.1	256.0	15.4	5.7
250-500.....	43,366	15,145.5	30,500.6	1,576.8	603.0	637	225.3	174.4	15.6	6.0
500-1,000.....	24,803	17,361.7	30,899.7	1,858.5	720.7	301	251.7	202.4	25.8	9.5
1,000-5,000.....	27,414	58,797.3	65,994.7	4,951.6	1,869.8	240	426.2	297.8	34.2	13.0
5,000-10,000.....	4,733	33,061.2	28,291.5	2,527.0	926.7	21	137.3	75.3	7.6	2.6
10,000-50,000.....	3,709	75,044.8	56,134.0	5,620.4	2,002.4	7	105.9	83.6	20.4	7.3
50,000 and over.....	1,130	297,638.5	131,235.5	15,630.2	4,942.5	1	320.0	481.6	92.4	30.9
	Mining and quarrying					Construction				
Total.....	8,025	9,042.2	7,782.3	1,142.4	407.9	21,293	4,202.8	9,198.0	569.0	206.9
Under 50.....	2,532	53.5	105.1	4.6	1.5	10,540	211.9	813.5	10.9	4.9
50-100.....	1,200	86.8	125.3	5.6	2.6	3,788	271.6	779.4	29.7	8.7
100-250.....	1,599	258.6	353.4	23.0	9.8	3,790	599.2	1,572.3	78.2	25.9
250-500.....	994	351.3	437.7	34.5	14.8	1,722	602.8	1,467.6	90.4	33.9
500-1,000.....	674	469.1	608.3	52.4	22.7	799	552.6	1,214.2	81.7	30.9
1,000-5,000.....	734	1,634.5	1,590.8	197.1	74.4	580	1,112.9	2,089.6	150.3	56.0
5,000-10,000.....	109	754.6	630.4	93.6	34.5	44	310.6	391.4	33.5	12.9
10,000-50,000.....	110	2,324.8	1,872.1	291.9	101.0	30	541.2	889.1	94.3	34.6
50,000 and over.....	23	3,200.1	2,058.1	448.1	146.6					
	Manufacturing					Public utilities				
Total.....	110,078	121,707.6	198,260.2	17,981.7	6,760.4	21,749	73,794.8	29,272.2	3,412.5	1,188.6
Under 50.....	41,252	895.7	2,598.3	44.4	12.7	10,508	206.9	455.6	2.3	3.6
50-100.....	18,257	1,317.4	3,375.6	50.0	28.6	3,521	251.9	423.2	13.4	6.7
100-250.....	21,673	3,472.8	8,488.3	266.7	115.7	3,435	541.7	700.3	45.1	16.1
250-500.....	11,331	4,001.8	9,346.8	450.4	192.7	1,556	548.7	700.9	53.2	21.2
500-1,000.....	7,401	5,193.9	11,775.3	713.0	293.9	904	678.3	832.8	68.0	20.4
1,000-5,000.....	7,595	15,791.2	30,560.0	2,537.5	1,002.6	1,055	2,209.6	2,005.6	182.8	71.8
5,000-10,000.....	1,243	8,760.6	15,163.2	1,555.2	590.5	217	1,560.2	953.3	113.1	43.8
10,000-50,000.....	1,041	21,078.3	32,776.2	3,520.7	1,324.0	274	6,262.2	2,700.9	316.4	123.4
50,000 and over.....	285	61,195.9	83,876.5	8,930.4	3,199.8	210	61,445.3	20,223.7	2,618.2	876.6
	Trade					Finance, insurance, real estate, and lessors of real property				
Total.....	181,353	42,270.3	135,092.3	5,680.0	2,093.6	140,872	265,124.2	15,132.0	4,454.9	792.1
Under 50.....	82,059	1,846.0	7,398.3	37.8	33.0	55,249	1,219.0	435.0	47.9	15.5
50-100.....	37,078	2,668.6	9,365.2	247.1	70.6	24,409	1,749.1	412.6	78.4	20.2
100-250.....	36,732	5,747.8	20,014.8	711.6	234.8	25,708	4,073.7	813.5	106.7	44.7
250-500.....	14,095	4,831.5	16,721.3	710.3	264.3	11,015	3,837.2	675.6	148.7	44.0
500-1,000.....	6,427	4,413.7	14,749.6	684.4	261.5	7,147	5,083.0	663.8	158.6	48.0
1,000-5,000.....	4,221	7,980.8	25,590.4	1,170.8	443.4	12,177	28,105.6	1,911.3	514.1	136.3
5,000-10,000.....	441	3,041.8	9,490.0	380.7	145.5	2,599	17,909.5	1,035.9	205.0	70.5
10,000-50,000.....	254	4,988.5	14,447.4	663.5	241.8	1,959	30,091.7	2,085.4	657.6	149.6
50,000 and over.....	46	6,701.8	17,335.7	1,065.0	398.7	549	104,055.5	6,468.8	2,417.3	262.4
	Services					Nature of business not allocable				
Total.....	43,882	6,950.0	8,766.1	623.1	240.7	3,042	279.2	114.3	5.7	3.4
Under 50.....	27,506	489.2	1,279.1	12.1	10.5	2,412	20.7	18.6	4.5	.3
50-100.....	6,973	404.2	921.0	42.7	13.3	220	15.3	9.7	1.1	.2
100-250.....	5,603	867.4	1,293.9	80.0	27.1	222	33.8	17.0	1.0	.5
250-500.....	1,932	668.4	902.2	67.5	26.0	84	28.6	12.1	.2	.3
500-1,000.....	974	680.8	812.2	74.1	27.6	56	38.0	11.2	.6	.3
1,000-5,000.....	770	1,660.6	1,635.7	104.3	61.9	42	75.9	13.5	.4	.4
5,000-10,000.....	85	559.3	558.3	65.5	26.1	4	27.2	14.7	3.1	1.2
10,000-50,000.....	32	619.3	571.9	55.0	20.6	2	33.0	17.5	.4	.2
50,000 and over.....	7	1,010.9	791.0	61.8	27.5					

¹ Excludes returns of inactive corporations and returns on which balance sheet data are incomplete. See note 2, table 520.

² For items included in "Total compiled receipts," see note 1, table 522.

³ Compiled receipts (exclusive of wholly tax-exempt interest) less compiled deductions. See table 522.

⁴ Deficit.

Source: Treasury Department, Bureau of Internal Revenue; *Statistics of Income*, Part 2.

No. 524.—INCOME OF UNINCORPORATED ENTERPRISES, BY INDUSTRY: 1944 TO 1950

[In millions of dollars. Income of unincorporated enterprises measures monetary earnings and income in kind of sole proprietorships, partnerships, and producers' cooperatives from their current business operations—other than supplementary income of individuals derived from renting property. Income equals business receipts (exclusive of capital gains and expenses) less business expenses (exclusive of capital losses and depletion allowances)]

INDUSTRY	1944	1945	1946	1947	1948	1949	1950
All industries, total.....	29,067	31,360	37,194	36,912	40,146	33,271	37,516
Agriculture, forestry, and fisheries.....	11,973	12,067	14,960	15,788	17,881	13,195	13,894
Farms.....	11,841	12,528	14,790	15,589	17,066	13,000	13,687
Other ¹	132	139	170	199	215	195	207
Mining.....	140	107	138	232	334	208	284
Contract construction.....	1,220	1,375	1,885	2,265	2,629	2,578	3,106
Manufacturing.....	1,036	1,029	1,070	1,400	1,072	790	1,217
Wholesale and retail trade.....	8,424	9,626	11,733	10,330	10,694	9,132	10,968
Wholesale trade.....	1,286	1,500	1,944	1,605	1,650	1,466	1,686
Retail trade and automotive services.....	7,138	8,126	9,789	8,725	9,044	7,666	9,282
Finance, insurance, and real estate.....	709	843	910	949	1,091	1,003	1,262
Transportation.....	348	362	422	471	509	468	543
Communications and public utilities.....	15	17	18	18	19	20	22
Services.....	4,302	4,434	5,152	5,459	5,917	5,877	6,220
Medical and other health services.....	1,535	1,604	1,902	2,101	2,283	2,379	2,512
Legal services.....	732	709	943	1,022	1,174	1,195	1,260
Personal services.....	600	702	756	735	690	613	644
Other services.....	1,345	1,320	1,551	1,601	1,770	1,690	1,804

¹ Agricultural and similar service establishments; forestry; and fisheries.

Source: Department of Commerce, Office of Business Economics; *National Income Supplement to the Survey of Current Business*, 1951.

No. 525.—CORPORATE INCOME BEFORE FEDERAL AND STATE INCOME AND EXCESS PROFITS TAXES, BY INDUSTRY: 1944 TO 1950

[In millions of dollars. Corporate income before taxes, as included in national income statistics, represents earnings of corporations organized for profit which accrue to residents of the Nation, measured before Federal and State profit taxes, without deduction of depletion charges and exclusive of capital gains and losses. Profits accruing to residents are measured by eliminating intercorporate dividends from profits of domestic corporations and by adding net receipts of dividends and branch profits from abroad. In other respects, definition of profits is in accordance with Federal income tax regulations. Corporate income before taxes is measured net of capital gains and losses, dividends received, reorganization refunds, and accelerated emergency amortization charges, but before deduction of depletion charges. Definition with respect to depletion charges has an important effect on data for mining industries]

INDUSTRY	1944	1945	1946	1947	1948	1949	1950
All industries, total.....	24,333	19,717	23,464	30,489	33,762	28,336	41,367
Agriculture, forestry, and fisheries.....	120	119	171	199	204	168	154
Farms.....	117	115	167	197	201	165	150
Forestry and fisheries.....	3	4	4	2	3	3	4
Mining.....	517	422	543	1,123	1,647	1,154	1,438
Contract construction.....	127	94	219	380	583	604	993
Manufacturing.....	13,972	10,437	12,046	17,355	19,029	15,020	23,831
Food and kindred products.....	1,591	1,490	2,106	1,905	1,605	1,563	1,842
Textile-mill products.....	822	754	1,462	1,693	1,582	701	1,276
Chemicals and allied products.....	1,194	1,024	1,474	1,776	1,696	1,501	2,503
Products of petroleum and coal.....	662	550	964	1,708	2,017	1,685	2,235
Iron and steel and their products, including ordnance.....	1,895	1,245	1,059	1,972	2,434	1,885	3,304
Machinery (except electrical).....	1,373	895	736	1,540	1,824	1,419	1,994
Transportation equipment except automobiles.....	1,043	985	-34	-7	231	205	294
Automobiles and automobile equipment.....	318	175	103	1,259	1,680	2,118	3,415
Other.....	4,174	3,319	4,176	5,009	5,360	3,943	6,915
Wholesale and retail trade.....	3,429	3,536	5,748	6,263	5,935	4,872	6,899
Wholesale trade.....	1,349	1,347	2,523	2,775	2,449	1,875	2,719
Retail trade and automotive services.....	2,080	2,189	3,225	3,488	3,486	2,997	4,180
Finance, insurance, and real estate.....	1,447	1,573	1,723	1,675	2,321	2,560	2,823
Transportation.....	2,452	1,386	561	1,199	1,703	1,246	2,112
Communications and public utilities.....	1,588	1,534	1,569	1,402	1,539	1,792	2,247
Services.....	585	599	759	671	594	608	587
Rest of the world ¹	96	17	125	213	207	232	313

¹ Profits received by domestic corporations from foreign branches are excluded here and included in industry of recipient corporation.

Source: Department of Commerce, Office of Business Economics; *National Income Supplement to the Survey of Current Business*, 1951.

No. 526.—CORPORATE PROFITS, TAXES AND DIVIDENDS: 1940 TO 1951

[In billions of dollars. These series are as presented in official national income statistics. Corporate profits figures represent earnings of corporations organized for profit which accrue to residents of the Nation. (See also headnote, table 525.) They are given both before and after Federal and State taxes on corporate earnings. Disbursement of tax refunds have been deducted from tax liability in year in which tax liability was incurred. Net corporate dividend payments represent amount of cash dividends disbursed to residents of the Nation, and therefore are measured after elimination of intercorporate dividends. Undistributed corporate profits comprise difference between corporate profits after taxes and net dividend payments. Quarterly data are seasonally adjusted at annual rates]

YEAR AND QUARTER	Profits before taxes	Income tax liability	Profits after taxes	Dividends	Undistributed profits
1940.....	9.3	2.9	6.4	4.0	2.4
1941.....	17.2	7.8	9.4	4.5	4.9
1942.....	21.1	11.7	9.4	4.3	5.1
1943.....	25.1	14.4	10.6	4.5	6.2
1944.....	24.3	13.5	10.8	4.7	6.1
1945.....	19.7	11.2	8.5	4.7	3.8
1946.....	23.5	9.6	13.9	5.8	8.1
1947.....	30.5	11.9	18.5	6.6	12.0
1948.....	33.8	13.0	20.7	7.2	13.5
1949.....	28.3	11.0	17.3	7.6	9.8
1950.....	41.4	18.0	22.8	9.2	13.6
1st quarter.....	31.0	14.4	17.5	7.8	9.7
2d quarter.....	37.5	18.0	20.0	8.4	12.2
3d quarter.....	45.7	20.5	25.2	9.4	15.8
4th quarter.....	50.3	22.5	27.8	11.1	16.7
1951 ¹	44.5	26.6	18.0	9.4	8.6
1st quarter.....	51.8	31.1	20.7	8.8	11.9
2d quarter.....	45.4	27.0	18.4	9.6	8.8
3d quarter.....	39.8	23.7	16.1	9.6	6.5
4th quarter.....	41.1	24.5	16.7	9.8	6.0

¹ Fourth quarter preliminary estimates of profits based upon past relationship of corporate profits and inventory valuation adjustment to private nonfarm gross national product.

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, February 1952, and the *National Income Supplement*, 1951.

No. 527.—PROFITS AND DIVIDENDS OF PUBLIC UTILITY CORPORATIONS: 1940 TO 1951

[In millions of dollars]

YEAR AND QUARTER	RAILROAD ¹				ELECTRIC POWER ²				TELEPHONE ³			
	Operating revenue	Profits before taxes ⁴	Profits after taxes ⁴	Dividends	Operating revenue	Profits before taxes ⁴	Profits after taxes ⁴	Dividends	Operating revenue	Profits before taxes ⁴	Profits after taxes ⁴	Dividends
1940.....	4,207	249	189	159	2,797	692	548	447	1,206	257	193	167
1941.....	5,347	674	500	186	3,029	774	527	437	1,334	297	187	162
1942.....	7,466	1,658	902	202	3,216	847	490	408	1,508	304	168	151
1943.....	9,055	2,211	873	217	3,464	913	502	410	1,691	420	176	150
1944.....	9,437	1,972	667	246	3,615	902	507	398	1,815	451	168	155
1945.....	8,902	756	450	246	3,681	905	534	407	1,979	433	174	162
1946.....	7,628	271	287	255	3,815	904	638	458	2,148	313	209	168
1947.....	8,685	777	479	236	4,291	954	643	494	2,283	215	138	131
1948.....	9,072	1,148	669	289	4,830	983	657	493	2,604	292	186	178
1949.....	8,580	700	438	252	5,055	1,129	757	553	2,967	333	207	213
1950.....	9,473	1,385	783	312	5,431	1,303	824	619	3,342	580	331	276
1st quarter.....	1,985	114	56	61	1,378	351	230	146	787	116	71	62
2d quarter.....	2,238	243	152	53	1,322	321	212	153	821	137	84	67
3d quarter.....	2,534	454	265	55	1,817	293	171	152	853	158	84	70
4th quarter.....	2,715	574	318	142	1,415	339	211	168	881	169	92	76
1951.....	10,391	1,280	693	328	5,867	1,480	818	661	3,729	691	341	318
1st quarter.....	2,440	229	104	101	1,504	413	229	157	904	175	90	77
2d quarter.....	2,596	275	146	63	1,419	344	195	161	918	174	92	79
3d quarter.....	2,583	250	124	53	1,423	320	168	162	931	160	72	81
4th quarter.....	2,772	505	320	111	1,521	403	226	181	976	182	86	81

¹ Class I line-haul railroads, covering about 95 percent of all railroad operations.

² Class A and B electric utilities, covering about 95 percent of all electric power operations.

³ New series. 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 for 2 affiliated telephone companies, which together represent about 85 percent of all telephone operations. Dividends for the 20 operating subsidiaries and 2 affiliates.

⁴ After all charges and before Federal income taxes and dividends.

⁵ After all charges and taxes and before dividends.

Source: Board of Governors of the Federal Reserve System; published currently in *Federal Reserve Bulletin*.

NO. 528.—ANNUAL SALES, PROFITS, AND DIVIDENDS OF LARGE MANUFACTURING CORPORATIONS: 1941 TO 1950

[In millions of dollars. Includes data for 200 corporations with assets of \$10,000,000 and over. Asset classification is as of end of 1940. Profits before and after taxes are as published by the 200 companies except for certain adjustments, chiefly to exclude special charges and credits and intercorporate dividends where large. Series includes little or no representation of some important nondurable goods groups such as meatpacking, tobacco and rubber]

ASSET GROUP OR INDUSTRY	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
Assets of \$10,000,000 and over (200 corporations):										
Sales.....	18,201	21,771	28,240	30,348	26,531	21,316	30,797	36,980	36,675	44,056
Profits before taxes.....	3,156	3,395	3,683	3,531	2,421	2,033	4,099	5,312	5,034	7,891
Profits after taxes.....	1,519	1,220	1,260	1,255	1,129	1,203	2,521	3,309	3,098	4,061
Dividends.....	647	700	777	848	861	944	1,168	1,402	1,658	2,237
Assets of \$50,000,000 and over (82 corporations):										
Sales.....	15,691	18,544	24,160	25,851	22,278	17,416	25,686	31,238	31,578	37,828
Profits before taxes.....	2,778	2,876	3,111	2,982	1,976	1,573	3,423	4,593	4,506	6,995
Profits after taxes.....	1,329	1,056	1,097	1,091	964	932	2,105	2,860	2,768	3,571
Dividends.....	854	672	688	755	764	804	1,000	1,210	1,474	2,013
Assets of \$10,000,000 to \$50,000,000 (118 corporations):										
Sales.....	2,000	3,227	4,080	4,407	4,253	3,900	5,111	5,692	5,097	6,228
Profits before taxes.....	378	519	571	540	445	460	676	719	528	596
Profits after taxes.....	190	164	164	164	165	271	416	489	330	489
Dividends.....	93	88	88	93	98	140	168	192	184	224
NONDURABLE GOODS INDUSTRIES										
Total (94 corporations):¹										
Sales.....	5,485	6,408	7,007	8,263	8,371	8,940	11,313	13,364	12,790	14,710
Profits before taxes.....	980	1,069	1,203	1,339	1,133	1,425	1,787	2,208	1,843	2,701
Profits after taxes.....	538	438	506	529	555	608	1,167	1,474	1,211	1,510
Dividends.....	377	304	325	352	362	449	551	656	708	887
Foods and kindred products (28 corporations):²										
Sales.....	1,367	1,715	2,054	2,335	2,466	2,715	3,281	3,447	3,254	3,416
Profits before taxes.....	220	258	319	362	364	435	421	410	377	463
Profits after taxes.....	134	110	126	121	146	254	269	267	233	253
Dividends.....	95	79	83	84	87	105	128	135	134	141
Chemicals and allied products (26 corporations):²										
Sales.....	1,711	2,028	2,478	2,474	2,428	2,550	3,108	3,563	3,562	4,456
Profits before taxes.....	430	460	524	507	416	463	547	655	673	1,114
Profits after taxes.....	194	157	169	160	177	283	337	408	403	560
Dividends.....	164	130	132	147	148	180	215	284	311	438
Petroleum refining (14 corporations):²										
Sales.....	1,363	1,481	1,793	2,132	2,153	2,080	2,906	3,945	3,865	4,234
Profits before taxes.....	178	179	260	288	192	269	458	721	525	652
Profits after taxes.....	133	112	153	190	168	214	350	548	406	443
Dividends.....	71	63	76	83	85	92	127	172	172	205
DURABLE GOODS INDUSTRIES										
Total (106 corporations):³										
Sales.....	12,806	15,302	20,633	22,085	18,161	12,376	19,484	23,567	22,885	28,346
Profits before taxes.....	2,175	2,326	2,389	2,192	1,288	607	2,312	3,105	3,191	5,190
Profits after taxes.....	982	782	755	726	574	295	1,355	1,895	1,887	2,849
Dividends.....	571	456	452	496	600	494	615	746	950	1,351
Primary metals and products (39 corporations):										
Sales.....	5,678	6,765	7,673	7,704	6,653	5,429	7,545	9,066	8,187	10,446
Profits before taxes.....	887	982	829	697	442	451	891	1,174	993	1,698
Profits after taxes.....	492	316	309	280	227	270	545	720	678	853
Dividends.....	206	203	200	194	193	211	247	270	285	377
Machinery (27 corporations):										
Sales.....	1,825	2,583	3,563	3,915	3,562	2,064	3,615	4,529	4,353	5,056
Profits before taxes.....	380	515	613	548	375	38	443	567	519	845
Profits after taxes.....	147	123	130	129	129	—0	270	333	320	421
Dividends.....	96	81	83	86	93	98	115	125	138	208
Automobiles and equipment (15 corporations):										
Sales.....	4,419	4,098	6,403	7,341	5,562	3,725	6,692	8,093	9,577	11,805
Profits before taxes.....	663	567	678	697	310	37	809	1,131	1,473	2,306
Profits after taxes.....	296	259	236	240	148	—8	445	630	861	1,089
Dividends.....	212	126	122	170	171	136	195	282	451	671

¹ Includes 26 companies not shown separately, as follows: textile mill products (10); paper and allied products (16); and miscellaneous (1).

² For certain items, data for years 1941-44 are partly estimated for 7 companies: foods (2); chemicals (2); petroleum, textiles, and paper (1 each).

³ Includes 25 companies not shown separately, as follows: building materials (12); transportation equipment other than automobile (6); and miscellaneous (7).

Source: Board of Governors of the Federal Reserve System; published currently in the *Federal Reserve Bulletin*.

No. 529.—SOURCES AND USES OF CORPORATE FUNDS: 1946 TO 1951

[Billions of dollars. 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]

ITEM	1946	1947	1948	1949	1950	1951 ¹
Uses, total.....	23.2	32.0	28.2	14.1	39.4	39.0
Plant and equipment.....	12.6	16.2	18.0	16.1	16.6	21.7
Inventories (book values).....	11.2	7.1	4.2	-4.3	7.5	8.8
Receivables.....	4.8	7.6	4.0	-5	10.0	5.0
From business.....	5.1	6.0	2.4	-2.2	8.0	(?)
From consumers.....	1.7	1.8	1.4	1.4	1.5	(?)
From government.....	-2.0	-2	.2	.3	.5	(?)
Cash and deposits.....	1.1	2.2	.2	1.0	1.0	3.0
U. S. Government securities.....	-5.8	-1.2	1.7	2.6	4.0	
Other current assets.....	-7	-1	.1	-2	.3	.5
Sources, total.....	23.0	32.3	28.7	14.7	40.8	39.3
Retained profits (including depletion).....	7.6	11.6	12.8	9.1	12.9	7.8
Depreciation.....	4.3	5.2	6.2	7.0	7.5	8.5
Payables (trade).....	4.0	4.6	1.2	-2.9	5.9	3.5
Federal income-tax liability.....	-1.6	2.3	.8	-2.1	7.1	8.2
Other current liabilities.....	2.1	1.0	(?)	-1	.8	1.0
Bank loans (excluding mortgage loans).....	3.7	2.6	1.1	-1.9	2.5	3.5
Short-term.....	1.9	1.6	.5	-8	3.0	(?)
Long-term.....	1.8	1.0	.6	-1.1	-5	(?)
Mortgage loans.....	.6	.8	.7	.7	.9	1.0
Net new issues.....	2.3	4.4	-5.9	4.9	3.7	5.8
Stocks.....	1.3	1.3	1.2	1.6	1.7	2.2
Bonds.....	1.0	3.1	4.7	3.3	2.0	3.6
Discrepancy between total uses and total sources.....	+2	-3	-5	-6	-1.4	-3

¹ Preliminary estimates based on incomplete data. ² Not available ³ Less than \$50,000,000.

Source: Department of Commerce, Office of Business Economics.

No. 530.—CORPORATE DIVIDENDS PAID, BY INDUSTRIAL DIVISIONS: 1925 TO 1948

[In millions of dollars. See headnote, table 522]

DIVISION	1925		1930		1935		1940	
	Cash	Stock	Cash	Stock	Cash	Stock	Cash	Stock
All industrial divisions.....	5,189.5	544.4	8,184.2	414.2	5,940.6	135.9	6,088.8	140.0
Agriculture, forestry, and fishery ¹	30.9	4.1	25.0	3.2	34.7	3.5	25.9	.1
Mining and quarrying ¹	335.1	3.9	302.6	12.0	257.1	3.1	282.6	3.7
Construction ¹	70.0	11.6	95.5	7.8	29.8	4.2	30.9	2.0
Manufacturing.....	2,223.8	267.4	3,161.0	121.9	2,193.5	49.7	2,309.6	48.0
Public utilities ¹	1,006.8	47.2	2,223.9	40.2	1,283.8	5.6	1,075.3	11.3
Trade ¹	506.4	90.5	500.8	61.7	510.1	28.0	612.5	19.1
Finance, insurance, real estate, and lessors of real property ¹	806.8	78.6	1,646.8	155.3	1,559.0	38.4	1,655.1	53.1
Services ¹	107.9	9.5	108.1	11.3	71.1	2.3	91.4	2.4
Nature of business not allocable.....	11.8	1.7	2.5	.1	1.0	.4	15.4	.2

DIVISION	1945		1946		1947		1948	
	Cash	Stock	Cash	Stock	Cash	Stock	Cash	Stock
All industrial divisions.....	6,080.8	334.4	7,496.7	527.4	8,365.0	700.8	9,386.5	1,024.7
Agriculture, forestry, and fishery ¹	27.6	1.0	34.1	1.3	59.0	1.2	63.2	4.9
Mining and quarrying ¹	159.8	1.9	207.7	2.7	315.7	9.8	404.1	25.9
Construction ¹	29.5	3.2	38.3	12.7	42.9	11.7	67.5	37.2
Manufacturing.....	2,824.7	140.2	3,440.0	279.7	4,159.2	398.8	4,630.8	637.3
Public utilities ¹	1,243.0	6.7	1,313.0	14.2	1,307.7	30.0	1,452.6	38.3
Trade ¹	557.4	60.7	927.9	140.2	990.8	182.3	1,077.9	199.0
Finance, insurance, real estate, and lessors of real property ¹	1,101.1	106.7	1,292.5	64.3	1,297.0	55.7	1,448.9	66.9
Services ¹	132.3	7.9	205.1	11.8	186.1	11.0	172.9	13.0
Nature of business not allocable.....	5.5	.2	7.5	.5	5.9	.4	2.7	2.3

¹ For changes in classification affecting comparability of data, see *Statistics of Income*, for 1938, Part 2.

Source: Treasury Department, Bureau of Internal Revenue; *Statistics of Income*, Part 2.

No. 531.—BUSINESS EXPENDITURES FOR NEW PLANT AND EQUIPMENT: 1939 TO 1952

[Millions of dollars. Figures differ from totals in gross national product (table 302) which include agricultural investment and certain equipment and construction outlays charged to current expense]

INDUSTRY GROUP	1939	1945	1946	1947	1948	1949	1950	1951	1952 ¹
Total²	5,213	7,406	12,922	17,426	20,032	18,021	17,832	23,290	24,123
Manufacturing	1,943	3,983	6,700	8,703	9,134	7,140	7,401	11,130	12,070
Durable goods industries	756	1,590	3,112	3,407	3,483	2,594	3,135	5,168	5,904
Primary iron and steel	122	198	500	638	772	590	599	1,304	1,689
Primary nonferrous metals	30	54	93	178	193	151	134	277	533
Fabricated metal products	91	216	350	370	343	271	360	421	398
Electrical machinery and equipment	40	123	282	304	289	216	245	359	493
Machinery except electrical	100	316	511	519	527	383	411	675	718
Motor vehicles and equipment	133	262	591	504	474	349	510	730	834
Transportation equipment excluding motor vehicles	42	50	100	95	106	87	82	182	248
Stone, clay and glass products	71	100	241	326	269	181	280	339	348
Other durable goods	118	265	429	473	510	360	524	826	733
Nondurable goods industries	1,187	2,393	3,678	5,206	5,651	4,555	4,356	5,962	6,076
Food and kindred products	205	337	613	600	721	628	523	657	476
Beverages	38	97	157	277	332	249	237	311	262
Textile mill products	136	209	342	510	618	471	450	695	512
Paper and allied products	67	116	232	371	383	298	327	489	372
Chemicals and allied products	176	376	800	1,060	941	670	771	1,283	1,453
Petroleum and coal products	403	879	1,087	1,736	2,100	1,789	1,587	2,014	2,478
Rubber products	38	118	130	143	102	81	102	187	250
Other nondurable goods	124	261	408	530	454	371	359	327	273
Mining	380	443	557	603	802	738	684	796	852
Railroad	280	552	573	906	1,319	1,350	1,136	1,541	1,539
Other transportation	280	321	650	798	700	625	437	511	609
Electric and gas utilities	480	630	1,045	1,897	2,683	3,140	3,167	3,577	3,864
Commercial and miscellaneous	1,850	1,477	3,208	4,429	5,304	5,119	4,917	5,735	6,189

¹ Estimates based on anticipated capital expenditures of business as reported in February and early March, 1952.

² Excludes agriculture.

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. 532.—GROSS PRIVATE DOMESTIC INVESTMENT AND ITS COMPONENTS: 1929 TO 1951

[In billions of dollars. 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]

CLASS	1929	1933	1939	1943	1945	1947	1948	1949	1950	1951 ¹
Gross private domestic investment, total²	15.8	1.3	9.9	5.7	10.7	30.2	42.7	33.0	48.9	53.8
Nonfarm producers' plant and equipment, total ³	9.8	2.3	5.7	4.6	8.7	20.3	23.4	22.0	25.6	31.6
Equipment ⁴	5.6	1.6	4.0	3.5	6.3	14.6	16.7	15.0	18.8	23.2
Construction ⁵	4.2	.7	1.7	1.1	2.4	5.7	6.7	6.4	6.8	8.4
Farm equipment and construction ⁶	1.1	.3	.8	.9	1.4	3.8	4.6	4.7	4.8	5.6
Residential construction (nonfarm) ⁶	2.8	.3	2.7	1.0	1.1	6.3	8.6	8.3	12.6	10.8
Other private construction ⁷	.5	.1	.2	(⁸)	.2	.7	1.0	1.3	1.5	1.7
Net change in business inventories, total	1.6	-1.6	.4	-9	-7	-8	5.0	-3.2	4.3	9.1
Nonfarm	1.8	-1.3	.3	-5	-6	1.4	3.7	-2.5	3.6	8.0
Farm	-3	-3	.1	-4	-1	-2.2	1.3	-7	.8	1.1

¹ Estimates by Council of Economic Advisers; based on incomplete data.

² Items for 1945 and earlier years are not comparable with those for later years. (See notes 4 and 6.)

³ Total producers' durable equipment less "farm machinery and equipment" and farmers' purchases of "tractors" and "business motor vehicles." These figures assume that farmers purchase 85 and 15 percent, respectively, of all tractors and motor vehicles used for productive purposes.

⁴ Industrial buildings, public utilities, gas- and oil-well drilling, warehouses, office and loft buildings, stores, restaurants, and garages. Includes hotel construction prior to 1946 only.

⁵ Farm construction (residential and nonresidential) plus "farm machinery and equipment" and farmers' purchases of "tractors" and "business motor vehicles." (See footnote 3.)

⁶ Includes construction of hotels, tourist cabins, motor courts, and dormitories since 1946 only.

⁷ Includes religious, educational, social and recreational, hospital and institutional, miscellaneous nonresidential and all other private.

⁸ Less than 50 million dollars.

Source: Department of Commerce, Office of Business Economics (except as noted). Published in *Economic Report of the President*, January 1952.

No. 533.—BUSINESS SALES AND INVENTORIES: 1939 TO 1950

[In billions of dollars]

INDUSTRY	1939	1945	1946	1947	1948	1949	1950
Business sales, total (unadjusted).....	133.4	290.1	330.9	403.0	437.3	413.6	469.3
Manufacturing, total.....	61.3	154.5	151.4	191.0	211.0	196.1	228.8
Durable goods.....	22.5	72.5	57.1	77.6	91.1	84.9	105.5
Nondurable goods.....	38.9	82.0	94.3	113.4	120.4	111.2	123.4
Wholesale trade, total.....	30.1	59.8	70.2	93.1	95.2	86.8	96.8
Durable goods.....	7.2	10.8	16.6	22.3	27.4	24.3	30.7
Nondurable goods.....	22.9	49.0	62.6	70.7	67.7	62.6	66.1
Retail trade, total.....	42.0	75.8	100.3	118.9	130.5	130.7	143.7
Durable goods.....	10.4	12.3	22.6	32.1	41.9	43.0	52.9
Nondurable goods.....	31.7	63.5	77.7	86.8	88.6	86.8	90.8
Business inventories, end of year (seasonally adjusted) book value, total.....	20.1	30.9	42.9	50.6	55.6	50.9	60.4
Manufacturing, total.....	11.5	18.4	24.5	28.9	31.7	28.7	33.3
Durable goods.....	5.2	8.5	11.6	13.0	15.9	13.0	16.4
Nondurable goods.....	6.3	9.8	12.9	15.0	15.9	14.8	16.0
Wholesale trade, total.....	3.1	4.0	6.0	7.6	8.1	7.7	9.4
Durable goods.....	1.0	1.5	2.6	3.2	3.7	3.4	4.2
Nondurable goods.....	2.0	3.1	4.0	4.4	4.4	4.3	5.2
Retail trade, total.....	5.5	7.9	11.9	14.1	15.8	14.5	17.8
Durable goods.....	2.0	2.4	3.9	5.5	6.7	6.2	8.1
Nondurable goods.....	3.4	5.5	7.9	8.6	9.1	8.3	9.7
Ratio of inventories to sales:¹							
Manufacturing, total.....	2.11	1.48	1.66	1.71	1.72	1.85	1.56
Durable goods.....	2.57	1.60	2.08	2.03	1.96	2.13	1.65
Nondurable goods.....	1.84	1.38	1.41	1.49	1.55	1.65	1.49
Wholesale trade, total.....	1.34	.91	.90	1.01	.99	1.07	1.02
Durable goods.....	1.85	1.40	1.34	1.48	1.51	1.77	1.42
Nondurable goods.....	1.18	.78	.76	.83	.77	.80	.83
Retail trade, total.....	1.53	1.21	1.13	1.27	1.40	1.41	1.32
Durable goods.....	2.10	1.74	1.31	1.57	1.80	1.87	1.55
Nondurable goods.....	1.32	1.07	1.06	1.14	1.22	1.17	1.18
Manufacturing inventories, by stages of fabrication, total (unadjusted).....	11.5	18.5	24.6	29.0	31.8	28.8	33.3
Purchased materials.....	(2)	(2)	(2)	(2)	13.0	11.0	14.2
Goods in process.....	(2)	(2)	(2)	(2)	7.5	6.7	8.2
Finished goods.....	(2)	(2)	(2)	(2)	11.3	11.0	11.0

¹ Ratio of average inventories to monthly sales; average inventories based on centered averages of end of period figures.

² Not available.

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business* and records.

No. 534.—NET CHANGE IN BUSINESS INVENTORIES: 1929 TO 1950

[Millions of dollars. 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	1939	1945	1946	1947	1948	1949	1950
Net change in business inventories, total	1,502	-1,619	441	-740	6,107	-797	5,029	-3,213	4,338
Farm	-252	-271	97	-148	-227	-2,205	1,312	-720	752
Nonfarm	1,814	-1,348	344	-598	6,334	1,408	3,717	-2,493	3,586
Net change in nonfarm inventories	1,814	-1,348	344	-598	6,334	1,408	3,717	-2,493	3,586
Corporate	1,558	-871	251	-1,027	6,037	1,383	2,153	-2,176	2,402
Noncorporate	250	-477	93	429	297	25	1,564	-317	1,184
Change in book value	1,200	1,320	1,224	79	13,346	8,712	6,163	-5,262	10,264
Corporate	1,086	1,272	905	-463	11,230	7,140	4,204	-4,313	7,528
Noncorporate	114	48	250	542	2,116	1,572	1,959	-949	2,736
Inventory valuation adjustment	614	-2,068	-880	-677	-7,012	-7,304	-2,446	2,769	-6,678
Corporate	472	-2,143	-714	-504	-5,103	-5,757	-2,051	2,137	-5,126
Noncorporate	142	-925	-166	-113	-1,919	-1,547	-395	632	-1,552
Net change in nonfarm inventories by industrial groups	1,814	-1,348	344	-598	6,334	1,408	3,717	-2,493	3,586
Manufacturing	911	-578	214	-1,557	2,908	505	1,214	-1,721	1,300
Change in book value	508	828	713	-1,122	6,160	4,417	2,746	-3,032	4,574
Inventory valuation adjustment	313	-1,406	-400	-435	-3,192	-3,852	-1,532	1,311	-3,214
Wholesale trade	81	-80	77	542	837	-21	783	-48	205
Change in book value	-74	268	236	046	2,073	1,067	725	-579	1,531
Inventory valuation adjustment	105	-357	-150	-104	-1,236	-1,088	68	531	-1,236
Retail trade	260	-485	118	288	1,943	598	1,760	-588	1,891
Change in book value	87	223	312	382	4,133	2,305	2,337	-1,204	3,647
Inventory valuation adjustment	173	-708	-104	-94	-2,190	-1,707	-587	708	-1,756
All other	612	-106	-65	120	586	260	-30	-136	40
Change in book value	580	1	-37	173	980	923	355	-357	512
Inventory valuation adjustment	23	-197	-28	-44	-304	-637	-385	221	-472

Source: Department of Commerce, Office of Business Economics; *National Income Supplement to the Survey of Current Business*, 1951.

No. 535.—INDUSTRIAL AND COMMERCIAL FAILURES—NUMBER AND LIABILITIES: 1857 TO 1951

[Excludes all railroad failures. Series revised beginning 1933 to exclude real estate and financial companies. These revisions bring failure record more nearly in accordance with type of concerns covered by "Total number of 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]

YEAR OR YEARLY AVERAGE	Total number of concerns in business ¹	Number of failures	Current liabilities (1,000 dollars)	Average liability	YEAR OR YEARLY AVERAGE	Total number of concerns in business ¹	Number of failures	Current liabilities (1,000 dollars)	Average liability
1857-1860	224,597	4,185	132,925	\$31,762	1920	2,212,779	22,900	483,252	21,094
1861-1865	301,574	2,038	52,873	25,944	1930	2,183,008	26,355	668,282	25,357
1866-1870	391,373	2,048	75,488	28,508	1931	2,125,288	28,285	736,310	26,032
1871-1875	522,340	5,147	158,221	30,740	1932	2,076,580	31,822	928,313	29,172
1876-1880	677,247	7,967	156,014	18,700	1933 ²	1,960,701	30,807	502,880	24,761
1881-1885	858,537	8,022	143,228	16,338	1933 ²	1,960,701	10,850	457,520	23,038
1886-1890	1,034,503	10,387	148,935	14,338	1934	1,973,900	12,091	333,959	27,621
1891-1895	1,166,445	12,988	199,376	15,351	1935	1,982,935	12,244	310,680	25,366
1896-1900	1,127,555	12,147	148,094	12,192	1936	2,000,935	9,607	203,173	21,148
1901-1905	1,286,304	11,081	120,578	10,830	1937	2,056,598	9,490	183,263	19,810
1906-1910	1,452,022	12,735	179,000	14,056	1938	2,101,933	12,836	246,505	19,204
1911-1915	1,607,221	17,073	265,410	15,545	1939 ²	2,116,008	11,408	168,804	14,744
1916-1920	1,736,249	21,232	190,017	16,917	1939 ²	2,116,008	14,788	182,520	12,359
1921-1925	2,013,406	20,775	555,531	26,740	1940	2,156,450	13,619	166,684	12,230
1926-1930	2,184,996	23,005	514,086	21,779	1941	2,170,615	11,848	186,104	11,488
1931-1935	2,023,875	20,860	553,336	26,526	1942	2,151,649	9,405	100,763	10,713
1936-1940	2,088,185	12,064	196,427	16,282	1943	2,023,007	3,221	45,330	14,076
1941-1945	2,021,860	5,801	68,852	12,988	1944	1,855,033	1,222	31,660	25,908
1946-1950	2,492,560	6,652	212,595	44,733	1945	1,909,095	809	30,225	37,361
1923	1,996,004	18,718	539,387	28,817	1946	2,141,807	1,129	67,349	59,654
1924	2,047,302	20,615	543,226	26,351	1947	2,404,883	3,474	204,612	58,898
1925	2,118,312	21,214	443,744	20,918	1948	2,550,018	5,250	234,020	44,690
1926	2,158,457	21,773	409,233	18,795	1949	2,679,306	9,246	308,109	33,323
1927	2,171,688	23,146	520,105	22,471	1950	2,686,795	9,162	248,283	27,099
1928	2,195,049	23,842	489,559	20,534	1951	2,607,977	8,058	259,547	32,210

¹ Data for 1857-70 based on census of business by Mercantile Agency in 1857 and 1859; thereafter data represent number of names listed in July issue of Reference Book. See table 538 for class of industries covered.

² See headline regarding revisions. Figures in italics are comparable with preceding years.

Source: Dun & Bradstreet, Inc., New York, N. Y. Monthly data published currently in *Dun's Statistical Review*.

No. 536.—INDUSTRIAL AND COMMERCIAL FAILURES—NUMBER AND LIABILITIES, BY MONTHS: 1946 TO 1951

[Liabilities in thousands of dollars. Current liabilities include all accounts and notes payable and all obligations, whether in secured form or not, known to be held by banks, officers, affiliated companies, supplying companies, or the Government. Deferred liabilities (the difference between current, as defined above, and the total) are therefore long-term obligations held by the public]

YEAR	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Number:												
1946.....	80	92	86	81	92	69	74	92	96	123	103	141
1947.....	202	238	254	277	378	283	297	287	292	336	313	317
1948.....	356	417	477	404	426	463	420	439	398	469	460	531
1949.....	566	685	847	877	775	828	719	810	732	802	835	770
1950.....	864	811	884	806	874	725	694	787	648	707	683	670
1951.....	775	599	732	693	755	699	665	678	620	643	587	612
Current liabilities:												
1946.....	4,372	2,983	4,421	3,785	3,656	3,006	3,434	3,799	4,877	6,400	9,511	17,105
1947.....	15,193	12,976	15,261	16,080	17,326	18,982	20,701	14,903	10,034	21,322	16,345	25,490
1948.....	12,965	25,619	17,481	15,296	13,814	12,163	13,876	21,442	20,703	25,114	24,416	31,731
1949.....	19,169	27,567	37,188	31,930	24,583	28,161	21,804	31,175	20,598	23,894	22,709	19,251
1950.....	26,436	22,156	27,900	21,250	22,672	18,072	19,538	18,448	15,254	16,649	18,864	21,044
1951.....	21,685	16,009	17,652	17,064	23,504	22,773	21,088	26,417	26,643	29,742	17,567	19,403
Total liabilities:												
1946.....	5,776	2,983	4,529	3,985	3,931	3,006	3,493	3,799	4,877	6,650	11,179	17,255
1947.....	15,193	12,976	15,261	16,080	17,521	19,207	21,512	14,903	10,099	22,229	16,624	25,490
1948.....	13,010	26,338	17,554	15,378	14,513	12,163	14,026	21,442	20,885	27,229	25,069	32,072
1949.....	19,169	27,695	38,284	33,899	24,620	29,279	22,494	31,720	20,648	24,120	23,466	19,432
1950.....	26,556	22,585	28,310	21,500	22,856	23,085	19,538	18,717	15,254	16,708	18,904	21,044
1951.....	21,912	16,414	17,662	18,054	23,641	23,143	21,532	26,628	26,828	30,122	17,592	19,403

No. 537.—INDUSTRIAL AND COMMERCIAL FAILURES—NUMBER AND LIABILITIES, BY INDUSTRIAL GROUPS AND SIZE OF LIABILITIES: 1950 AND 1951

[Liabilities in thousands of dollars. See headnote, table 536]

INDUSTRIAL GROUP AND SIZE OF LIABILITIES	1950				1951			
	Number	Per cent	Current liabilities	Total liabilities	Number	Per cent	Current liabilities	Total liabilities
Total	9,162	100.0	248,283	255,057	8,058	100.0	259,547	262,821
Under \$5,000.....	2,065	22.5	5,587	5,587	1,832	22.7	5,209	5,209
\$5,000 to \$25,000.....	4,708	51.4	56,273	50,273	4,160	51.6	52,227	52,227
\$25,000 to \$100,000.....	1,975	21.6	89,329	89,329	1,634	20.3	74,097	74,097
\$100,000 to \$1,000,000.....	407	4.4	83,723	90,497	412	5.1	80,115	91,210
\$1,000,000 and over.....	9	1	13,371	13,371	20	.3	38,839	39,070
Manufacturing	2,074	100.0	95,094	95,283	1,533	100.0	90,970	92,644
Under \$5,000.....	279	13.5	761	761	239	15.6	689	689
\$5,000 to \$25,000.....	949	45.7	11,901	11,901	668	43.6	8,206	8,206
\$25,000 to \$100,000.....	641	30.9	30,241	30,241	442	28.8	21,840	21,840
\$100,000 to \$1,000,000.....	199	9.6	43,910	48,099	172	11.2	37,749	38,283
\$1,000,000 and over.....	6	.3	8,281	8,281	12	.8	22,486	23,626
Wholesale trade	1,016	100.0	33,594	33,672	827	100.0	41,572	42,461
Under \$5,000.....	171	16.8	442	442	115	13.9	342	342
\$5,000 to \$25,000.....	484	47.7	6,259	6,259	423	51.2	5,155	5,155
\$25,000 to \$100,000.....	295	29.0	14,260	14,260	221	26.7	10,840	10,840
\$100,000 to \$1,000,000.....	66	6.5	12,633	12,711	63	7.6	12,691	13,580
\$1,000,000 and over.....					5	.6	12,544	12,544
Retail trade	4,429	100.0	72,691	72,701	4,088	100.0	72,936	73,300
Under \$5,000.....	1,241	28.0	3,353	3,353	1,143	28.0	3,280	3,280
\$5,000 to \$25,000.....	2,444	55.2	28,006	28,006	2,244	54.9	28,005	28,005
\$25,000 to \$100,000.....	676	15.3	28,800	28,800	626	15.3	26,158	26,158
\$100,000 to \$1,000,000.....	68	1.5	12,632	12,542	74	1.8	13,653	14,017
\$1,000,000 and over.....					1	.0	1,150	1,150
Construction	912	100.0	25,651	25,791	957	100.0	37,473	37,731
Under \$5,000.....	196	21.5	530	530	168	17.6	486	486
\$5,000 to \$25,000.....	469	51.4	5,666	5,666	480	50.2	6,092	6,092
\$25,000 to \$100,000.....	200	21.9	8,793	8,793	233	24.3	10,359	10,359
\$100,000 to \$1,000,000.....	46	5.1	7,922	8,062	74	7.7	17,877	18,135
\$1,000,000 and over.....	1	.1	2,740	2,740	2	.2	2,659	2,659
Commercial service	731	100.0	21,253	23,610	653	100.0	16,596	16,685
Under \$5,000.....	178	24.4	501	501	167	25.6	472	472
\$5,000 to \$25,000.....	360	49.2	4,441	4,441	345	52.8	4,079	4,079
\$25,000 to \$100,000.....	163	22.3	7,235	7,235	112	17.2	4,900	4,900
\$100,000 to \$1,000,000.....	28	3.8	6,726	9,083	29	4.4	7,145	7,234
\$1,000,000 and over.....	2	.3	2,350	2,350				

Source of tables 536 and 537: Dun & Bradstreet, Inc., New York, N. Y. Monthly data published currently in *Dun's Statistical Review*.

No. 538.—INDUSTRIAL AND COMMERCIAL FAILURES—NUMBER AND LIABILITIES, BY INDUSTRIAL GROUPS AND INDUSTRIES: 1949, 1950, AND 1951

INDUSTRIAL GROUP	NUMBER			CURRENT LIABILITIES (THOUSANDS OF DOLLARS)		
	1949	1950	1951	1949	1950	1951
Grand total.....	9,246	9,162	8,058	308,109	248,283	259,547
Mining and manufacturing.....	2,331	2,074	1,533	143,265	95,094	90,970
Mining—Coal, oil, miscellaneous.....	73	26	38	8,468	3,335	6,820
Food and kindred products.....	209	261	209	21,479	16,225	14,474
Textile-mill products and apparel.....	346	420	397	16,503	14,909	17,313
Lumber and products.....	387	312	220	18,932	11,295	15,262
Paper, printing, and publishing.....	107	112	89	5,778	5,396	5,003
Chemicals and allied products.....	83	56	49	2,746	5,601	6,056
Leather and products.....	96	103	67	4,689	4,106	2,944
Stone, clay, and glass products.....	55	66	31	4,708	2,940	591
Iron, steel, and products.....	150	71	40	11,633	5,839	1,670
Machinery.....	266	209	106	24,002	10,330	10,360
Transportation equipment.....	82	62	18	6,403	3,772	937
Miscellaneous.....	387	376	269	17,325	11,346	8,580
Wholesale trade.....	1,110	1,016	827	43,163	39,594	41,572
Food and farm products.....	309	277	253	12,459	11,214	14,553
Apparel.....	66	39	41	2,356	1,336	1,265
Dry goods.....	27	26	21	692	600	387
Lumber, building materials, hardware.....	126	104	57	6,252	4,424	3,137
Chemicals and drugs.....	51	43	32	1,556	971	900
Motor vehicles and auto equipment.....	68	71	31	2,007	1,732	2,097
Miscellaneous.....	473	456	392	17,231	13,317	19,233
Retail trade.....	4,246	4,429	4,088	71,273	72,691	72,936
Food and liquor.....	906	941	1,063	11,360	10,297	13,870
General merchandise.....	171	208	139	2,213	4,064	4,365
Apparel and accessories.....	590	735	600	9,338	12,927	9,599
Furniture, home furnishings.....	483	462	408	9,688	9,943	12,075
Lumber, building materials, hardware.....	281	260	233	5,230	4,686	4,335
Automotive group.....	450	437	310	8,902	6,639	5,215
Eating and drinking places.....	792	831	804	15,397	15,020	16,498
Drug stores.....	116	116	108	2,232	1,714	1,845
Miscellaneous.....	461	439	363	6,913	6,551	5,134
Construction.....	838	912	957	27,245	25,651	37,473
General building contractors.....	325	282	346	16,440	9,235	19,779
Building subcontractors.....	473	588	577	8,211	14,407	13,553
Other contractors.....	40	42	34	2,594	2,009	4,041
Commercial service.....	721	731	653	23,163	21,253	16,596
Passenger and freight transportation.....	224	187	200	9,850	6,371	8,216
Miscellaneous public services.....	22	35	27	4,679	2,009	713
Hotels.....	32	29	22	1,425	1,948	577
Cleaning, dyeing, repairing.....	113	93	95	1,899	2,247	1,782
Laundries.....	44	47	42	983	1,010	1,086
Undertakers.....	9	10	5	108	200	100
Other personal services.....	51	57	57	614	650	677
Business and repair services.....	226	270	206	3,235	6,800	3,485

Source: Dun & Bradstreet, Inc., New York, N. Y. Monthly data published currently in *Dun's Statistical Review*.

No. 539.—INDUSTRIAL AND COMMERCIAL FAILURES—NUMBER AND LIABILITIES, BY STATES: 1949, 1950, AND 1951

DIVISION AND STATE	NUMBER OF CONCERNS IN BUSINESS ¹		FAILURES				CURRENT LIABILITIES (THOUSANDS OF DOLLARS)		
			Number			As percent of concerns in business			
	1950	1951	1949	1950	1951		1949	1950	1951
United States	2,686,786	2,607,977	9,246	9,162	8,058	0.31	308,109	248,283	259,547
New England	185,895	179,076	983	864	658	.37	27,242	21,774	22,786
Maine.....	16,313	16,333	48	48	32	.20	800	1,091	325
New Hampshire.....	10,548	10,081	28	47	29	.20	1,009	1,094	1,174
Vermont.....	7,110	7,217	17	14	5	.07	345	200	143
Massachusetts.....	95,011	88,352	505	500	309	.42	15,219	13,023	14,189
Rhode Island.....	10,809	10,557	116	89	92	.50	2,631	1,000	1,481
Connecticut.....	40,044	40,636	179	166	131	.32	7,238	4,106	5,474
Middle Atlantic	584,152	566,528	2,461	2,917	3,021	.53	104,183	78,738	92,316
New York.....	298,180	287,408	1,555	2,151	2,327	.81	70,540	59,756	69,092
New Jersey.....	97,549	94,094	366	340	307	.33	16,246	10,926	11,961
Pennsylvania.....	188,453	184,966	540	420	387	.21	17,307	8,056	11,263
East North Central	554,950	537,229	1,747	1,416	1,066	.20	56,028	36,304	29,814
Ohio.....	130,061	132,044	478	328	223	.17	14,840	7,010	6,530
Indiana.....	69,815	69,990	83	62	46	.07	2,871	2,938	1,219
Illinois.....	171,216	165,956	585	479	417	.25	20,407	12,928	11,917
Michigan.....	104,231	96,907	337	280	181	.19	11,720	8,252	6,355
Wisconsin.....	72,927	71,672	264	207	199	.28	6,130	5,167	4,393
West North Central	286,689	277,656	399	331	255	.09	12,122	10,015	9,128
Minnesota.....	58,492	56,558	78	59	73	.13	2,010	1,870	3,107
Iowa.....	54,396	53,043	60	46	47	.09	1,584	1,115	1,258
Missouri.....	78,486	74,883	196	136	81	.11	5,007	4,968	2,823
North Dakota.....	11,927	11,779	3	9	6	.05	109	485	109
South Dakota.....	13,696	13,815	4	10	6	.04	38	246	222
Nebraska.....	29,814	29,382	44	41	14	.04	1,845	721	471
Kansas.....	30,878	38,196	14	30	28	.07	520	611	1,048
South Atlantic	303,342	297,819	826	669	546	.18	24,014	20,107	26,627
Delaware.....	6,310	6,071	8	3	4	.07	170	139	87
Maryland.....	35,769	33,740	107	152	87	.26	3,030	5,799	4,009
District of Columbia.....	9,555	9,367	42	18	5	.05	1,585	630	941
Virginia.....	46,759	47,497	99	97	58	.12	2,055	2,063	4,352
West Virginia.....	27,763	27,863	88	51	71	.25	2,367	1,015	2,070
North Carolina.....	54,013	53,343	74	95	70	.13	2,073	2,956	2,601
South Carolina.....	24,337	24,712	14	11	7	.03	673	731	583
Georgia.....	46,585	45,536	125	94	92	.20	3,600	2,222	5,078
Florida.....	52,261	49,690	209	148	152	.31	7,537	3,943	6,597
East South Central	153,818	148,300	304	213	193	.13	8,010	4,833	5,534
Kentucky.....	42,472	41,733	70	45	33	.08	1,927	805	684
Tennessee.....	45,575	43,936	108	64	82	.19	3,127	1,445	2,904
Alabama.....	37,005	35,345	75	50	37	.10	1,697	1,085	1,037
Mississippi.....	28,766	27,286	51	45	41	.15	1,259	898	849
West South Central	251,201	242,548	406	332	223	.09	11,574	11,753	16,006
Arkansas.....	29,766	29,590	31	38	27	.09	925	1,142	1,006
Louisiana.....	40,158	37,103	111	66	66	.18	1,078	2,834	6,321
Oklahoma.....	40,619	39,340	55	47	41	.10	1,707	834	750
Texas.....	140,658	136,515	209	181	89	.07	6,963	6,943	7,920
Mountain	94,240	95,145	167	213	174	.18	6,503	5,933	6,128
Montana.....	11,880	11,676	8	6	2	.02	198	285	33
Idaho.....	10,669	10,966	9	19	16	.15	794	523	369
Wyoming.....	6,079	6,321	5	4	2	.03	231	36	23
Colorado.....	27,925	28,519	41	55	35	.12	1,106	2,549	2,964
New Mexico.....	12,163	12,588	12	8	19	.15	286	223	522
Arizona.....	10,681	10,404	52	70	59	.57	2,425	1,509	1,171
Utah.....	11,456	11,260	26	34	31	.28	708	475	507
Nevada.....	3,417	3,421	14	17	10	.29	755	333	539
Pacific	272,499	263,676	1,953	2,207	1,922	.73	58,433	58,826	51,208
Washington.....	44,874	43,237	120	211	137	.32	3,341	4,452	2,709
Oregon.....	31,665	31,117	261	149	66	.21	6,583	2,820	3,007
California.....	195,960	189,322	1,572	1,847	1,719	.91	48,509	51,554	45,372

¹ Represents number of names listed in July issue of the Reference Book. See table 538 for class of industries covered.
Source: Dun & Bradstreet, Inc., New York, N. Y. Monthly data published currently in *Dun's Statistical Review*.

No. 540.—PATENT APPLICATIONS AND PATENTS AND CERTIFICATES OF REGISTRATION: 1901 TO 1951

[Data include patents issued to citizens of United States and residents of foreign countries. For information on copyrights, see table 563, p 471. See also *Historical Statistics*, series P 176-187]

CALENDAR YEAR OR PERIOD	Patent applications ¹	PATENTS ISSUED					CERTIFICATES OF REGISTRATION ISSUED				
		Total	Patents	Plant patents	Designs	Reissues	Total	Trade-marks	Trade-mark renewals	Labels	Prints
1901-1905.....	253, 417	148, 291	143, 791	-----	3, 953	57	18, 590	12, 768	-----	4, 579	1, 243
1906-1910.....	307, 187	175, 618	171, 650	-----	3, 297	761	36, 375	32, 060	-----	2, 856	1, 459
1911-1915.....	350, 937	194, 887	186, 241	-----	7, 295	851	32, 381	27, 369	-----	3, 522	1, 490
1916-1920.....	368, 737	207, 108	197, 644	-----	8, 480	978	35, 364	30, 681	-----	3, 411	1, 272
1921-1925.....	428, 591	217, 525	203, 977	-----	12, 326	1, 222	81, 666	68, 881	² 2, 278	7, 361	3, 046
1926-1930.....	459, 904	234, 857	219, 384	-----	13, 706	1, 677	97, 458	71, 460	12, 796	8, 736	4, 457
1931-1935.....	542, 861	256, 219	239, 092	161	15, 079	1, 887	72, 721	52, 432	9, 229	8, 466	2, 603
1936-1940.....	559, 544	229, 514	200, 902	275	20, 458	1, 879	71, 785	52, 709	8, 408	8, 128	2, 540
1941-1945.....	294, 273	184, 573	164, 438	220	18, 883	1, 023	52, 203	34, 447	17, 756	(³)	(³)
1946-1950.....	400, 342	163, 122	144, 160	835	18, 018	609	485, 654	61, 372	24, 282	(³)	(³)
1946.....	91, 072	24, 775	21, 819	56	2, 779	121	13, 841	8, 116	5, 725	(³)	(³)
1947.....	83, 313	22, 433	20, 149	52	2, 102	130	415, 121	8, 081	6, 140	(³)	(³)
1948.....	75, 952	28, 066	23, 973	44	3, 968	111	416, 530	11, 474	5, 056	(³)	(³)
1949.....	74, 810	39, 809	35, 147	93	4, 451	118	419, 769	15, 972	3, 797	(³)	(³)
1950.....	74, 295	48, 009	43, 072	90	4, 718	129	420, 393	16, 829	3, 564	(³)	(³)
1951.....	64, 949	48, 719	44, 363	58	4, 164	134	420, 730	17, 380	3, 350	(³)	(³)

¹ Figures include patents for inventions, designs, and reissues of patents. Includes applications without fees from 1918 to date.

² Data are for the year 1925.

³ Figures for 1940 are for the six-months period ended June 30, 1940. 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. (See table 563.)

⁴ Excludes 150 trade-mark republications (under Trade-Mark Act of 1946) of trade-marks registered under prior acts for 1947; 19,730 for 1948; 12,983 for 1949; 2,053 for 1950; and 1,297 for 1951.

Source: Department of Commerce, United States Patent Office; records (not published elsewhere). Fiscal year figures published in *Annual Report of the Secretary*.

No. 541.—PATENTS AND DESIGNS GRANTED TO RESIDENTS OF FOREIGN COUNTRIES: 1947 TO 1951

[See also *Historical Statistics*, series P 180]

COUNTRY	1947	1948	1949	1950	1951	COUNTRY	1947	1948	1949	1950	1951
Total.....	1, 617	1, 984	3, 105	4, 408	4, 888	Italy.....	8	4	13	35	83
Argentina.....	22	24	24	25	33	Japan.....	2	-----	-----	2	3
Australia.....	12	37	68	68	69	Mexico.....	17	6	13	14	25
Austria.....	1	1	8	21	44	Netherlands.....	37	94	268	357	356
Belgium.....	21	16	31	47	91	New Zealand.....	2	2	7	10	17
Brazil.....	1	7	10	7	11	Norway.....	1	7	26	42	53
Canada.....	216	289	403	492	556	Poland.....	1	2	-----	-----	3
Czechoslovakia.....	-----	5	31	47	90	Scotland.....	25	25	30	59	72
Cuba.....	14	9	10	20	23	Spain.....	8	4	8	18	26
Denmark.....	6	21	17	60	74	Sweden.....	97	94	180	294	323
England.....	766	862	1, 179	1, 521	1, 612	Switzerland.....	151	197	307	429	427
Finland.....	1	-----	4	9	23	Union of South Africa.....	17	13	13	25	27
France.....	107	198	374	685	672	Union of Soviet Socialist Republics.....	-----	-----	-----	1	3
Germany.....	52	26	13	25	78	Wales.....	5	6	12	6	6
Hungary.....	-----	2	2	3	11	All other countries.....	22	30	48	74	69
Ireland ¹	5	3	6	9	2						

¹ Includes Northern Ireland and Eire.

Source: Department of Commerce, United States Patent Office; (records not published elsewhere).

No. 542.—PATENTS AND DESIGNS ISSUED TO CITIZENS OF THE UNITED STATES,
BY STATE OR OTHER AREA, AND MILITARY ORGANIZATIONS: 1942 TO 1951

STATE OR OTHER AREA	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951
Total	38,299	30,704	28,441	27,124	22,982	20,676	25,991	36,569	43,439	43,659
Alabama.....	86	55	80	116	63	63	80	145	134	159
Arizona.....	34	40	30	29	30	23	42	53	93	101
Arkansas.....	50	33	33	25	32	34	38	60	72	76
California.....	2,780	2,326	2,108	2,223	2,042	1,710	2,231	3,144	3,090	4,084
Colorado.....	167	134	139	103	85	106	153	216	284	288
Connecticut.....	1,292	1,114	987	916	728	738	817	1,242	1,468	1,365
Delaware.....	339	297	279	300	314	213	235	297	332	394
Florida.....	255	171	181	148	127	134	184	287	323	403
Georgia.....	176	166	108	89	82	66	107	147	214	190
Idaho.....	43	35	26	16	27	15	29	41	68	81
Illinois.....	4,116	3,393	3,128	2,871	2,325	2,074	2,448	3,672	4,229	4,293
Indiana.....	997	839	742	643	502	513	663	900	1,117	1,087
Iowa.....	281	259	183	183	159	109	197	288	371	377
Kansas.....	171	132	121	106	92	86	144	210	246	280
Kentucky.....	148	108	115	103	80	72	78	109	152	162
Louisiana.....	135	106	131	92	95	99	140	217	231	215
Maine.....	59	69	50	69	58	50	43	63	70	75
Maryland.....	384	337	365	340	310	306	363	566	671	678
Massachusetts.....	1,827	1,506	1,378	1,259	1,106	1,046	1,336	1,841	1,912	1,925
Michigan.....	2,327	1,876	1,697	1,607	1,189	1,085	1,346	2,024	2,417	2,642
Minnesota.....	570	468	451	368	295	270	357	512	698	734
Mississippi.....	40	37	35	27	20	19	27	48	59	78
Missouri.....	770	640	538	518	356	332	479	601	780	912
Montana.....	43	24	32	25	19	28	30	59	63	77
Nebraska.....	74	66	56	44	47	28	49	77	129	120
Nevada.....	12	14	17	13	11	10	17	27	30	30
New Hampshire.....	107	81	73	67	45	56	46	78	86	88
New Jersey.....	3,202	2,563	2,409	2,427	2,218	2,063	2,399	3,217	3,701	3,612
New Mexico.....	33	25	45	17	45	30	28	50	67	58
New York.....	7,377	5,506	5,180	4,882	4,382	3,690	4,064	6,313	7,209	6,893
North Carolina.....	140	109	103	106	77	79	116	172	248	266
North Dakota.....	31	74	8	16	10	38	17	24	38	41
Ohio.....	3,270	2,592	2,440	2,362	1,864	1,623	2,056	2,866	3,412	3,627
Oklahoma.....	333	274	263	330	201	208	177	378	494	520
Oregon.....	189	132	134	132	120	94	124	225	294	326
Pennsylvania.....	3,030	2,313	2,127	2,050	1,701	1,488	1,953	2,590	3,000	3,077
Rhode Island.....	334	268	220	338	249	293	351	382	409	313
South Carolina.....	54	50	37	44	29	23	40	70	98	83
South Dakota.....	23	17	24	12	13	12	18	29	43	40
Tennessee.....	168	138	137	109	97	120	123	241	294	264
Texas.....	722	602	522	485	414	371	511	740	992	1,060
Utah.....	39	43	37	43	21	31	30	41	70	59
Vermont.....	47	36	51	32	27	25	31	43	66	55
Virginia.....	259	190	200	150	159	159	192	266	356	327
Washington.....	311	239	199	228	180	203	235	382	480	438
West Virginia.....	170	103	127	109	102	84	85	114	162	156
Wisconsin.....	966	808	812	665	490	484	640	987	1,114	1,114
Wyoming.....	22	24	17	17	13	12	16	33	32	23
Alaska.....	5	3	3	2	5	2	-----	3	12	8
Canal Zone.....	6	3	5	3	2	-----	0	5	2	6
District of Columbia.....	214	205	206	203	202	157	205	279	348	385
Guam.....	-----	-----	-----	-----	-----	-----	1	-----	-----	-----
Hawaii.....	18	22	13	16	17	12	8	14	31	31
Philippine Islands.....	1	5	5	-----	-----	-----	-----	-----	-----	-----
Puerto Rico.....	4	3	1	4	2	3	2	4	6	3
Virgin Islands.....	-----	-----	-----	-----	-----	-----	1	-----	2	-----
U. S. Army.....	18	19	13	22	12	15	19	24	16	9
U. S. Navy.....	22	30	20	21	59	61	57	99	97	77
U. S. Marine Corps.....	-----	2	-----	4	2	2	1	2	2	2
U. S. Coast Guard.....	-----	-----	-----	-----	-----	-----	4	1	4	4
U. S. Air Force.....	-----	-----	-----	-----	-----	-----	-----	1	-----	-----

Source: Department of Commerce, United States Patent Office; records (not published elsewhere).

18. Communications

(Sent to print April 10, 1952)

Statistics shown in this section include financial and operating data for telephone, wire-telegraph, ocean-cable, and radio-telegraph carriers which render domestic and foreign service, data on newspapers, periodicals, and books, and data on the postal service. Also included are financial and statistical data relating to authorized standard (AM), FM and television radio broadcast stations and networks in the continental United States and possessions. Additional statistics on the communication industry as well as statistics on the number of telephones on farms, radios in occupied dwelling units, and the manufacture of communication equipment appear in other sections of this *Abstract*.

In the Census of Electrical Industries, the Bureau of the Census has compiled at 5-year intervals, beginning in 1902, reports on the telephone and telegraph industries covering all systems and lines. The last survey was made for the year 1937. Since the establishment of the Federal Communications Commission in 1934, statistical coverage of communications has been concentrated in that agency. Because of the intrastate character of many mutual, cooperative, and smaller commercial telephone companies, the Federal Communications Commission has not been able to continue the same coverage as shown in the Census of Electrical Industries. Where telephone data are presented by States, such information is incomplete to the extent that only the larger interstate carriers are represented. However, on an industry-wide basis, gross operating revenues of the telephone carriers reporting to the Commission are estimated to include approximately 95 percent of the operating revenues of all telephone carriers in the United States. Reports filed by radio broadcast stations and networks, wire-telegraph, ocean-cable, and radio-telegraph carriers cover substantially all domestically domiciled units in these industries which operate in the United States and its possessions or between the United States and foreign countries. Statistical data compiled from these reports are contained in *Statistics of the Communications Industry in the United States* and in the reports to the Congress of the United States, both of which are published annually by the Federal Communications Commission.

"Bell System" as referred to in this section, consists of the American Telephone & Telegraph Co. and its principal telephone subsidiaries. Data on the postal service are obtained principally from the annual reports of the Postmaster General.

Historical statistics.—See preface and historical appendix. Tabular headnotes (as "See also *Historical Statistics*, series P 170-175") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*.

No. 543.—AMERICAN TELEPHONE & TELEGRAPH CO. AND PRINCIPAL TELEPHONE SUBSIDIARIES (BELL TELEPHONE SYSTEM)—SUMMARY: 1920 TO 1951

[Figures are as of December 31]

ITEM	1920	1925	1930	1935	1940	1945	1950	1951
Telephones (thousands)----	8,134	11,910	15,187	13,573	17,484	22,446	35,343	37,414
Central offices (number)----	5,767	6,147	6,689	6,896	7,052	7,374	8,470	8,671
Miles of pole line-----	362,481	394,529	428,212	407,454	399,838	420,009	502,892	518,087
Miles of wire (thousands)---	24,863	44,943	74,124	78,626	89,306	99,759	141,781	149,381
In underground cable----	14,207	27,769	45,116	47,639	54,339	60,759	86,903	91,007
In aerial cable-----	6,945	12,835	23,777	26,425	30,307	33,966	48,240	51,624
Open wire-----	3,711	4,339	5,231	4,562	4,660	5,034	6,578	6,750
Percent total wire mileage in cable-----	85.07	90.3	92.9	94.2	94.8	95.0	95.3	95.5
Average daily telephone conversations, total (thousands)---	33,125	50,141	64,034	60,290	79,303	90,548	140,782	145,136
Local-----	31,818	48,051	61,150	58,066	76,500	85,877	134,870	139,125
Toll and long distance---	1,307	2,090	2,884	2,224	2,743	4,671	5,912	6,011
Total plant (\$1,000)-----	1,373,802	2,566,809	4,028,836	4,187,790	4,747,674	5,702,057	10,101,522	10,949,080
Operating revenue (\$1,000)---	446,115	737,560	1,075,228	919,116	1,174,322	1,030,889	3,261,528	3,039,462
Taxes (\$1,000)-----	27,743	58,113	84,732	94,507	184,770	399,917	499,451	629,559
Employees (number)-----	268,593	335,858	391,746	268,754	323,701	474,527	602,400	648,450
American Tel. and Tel. Co., stockholders (number)---	139,448	362,179	567,694	657,465	630,902	683,897	985,583	1,092,433

¹ Includes employees of Western Electric Co. and Bell Telephone Laboratories.

Source: American Telephone & Telegraph Co., New York, N. Y.; *Annual Report*.

No. 544.—TELEPHONES—NUMBER AND WIRE MILEAGE IN ALL SYSTEMS, AND NUMBER OF TELEPHONES IN THE BELL SYSTEM: 1880 TO 1951

[Number of telephones represents total number of instruments in service]

DEC. 31—	Total tele- phones ¹	Total miles of wire ¹	Telephones in Bell System ²	DEC. 31—	Total tele- phones ¹	Total miles of wire ¹	Telephones in Bell System ²
1880-----	47,900	30,000	47,900	1932-----	17,424,406	87,677,586	17,341,000
1885-----	155,800	156,000	155,800	1933-----	16,711,000	87,000,000	16,635,000
1890-----	227,900	332,000	227,900	1934-----	16,869,000	86,800,000	16,797,000
1895-----	339,500	722,000	309,502	1935-----	17,424,000	87,200,000	17,354,000
1900-----	1,355,900	2,807,000	855,911	1936-----	18,433,000	88,100,000	18,362,000
1905-----	4,126,900	8,470,000	2,530,924	1937-----	19,453,401	90,831,421	19,385,000
1910-----	7,635,400	16,937,000	5,882,710	1938-----	19,553,000	92,850,000	19,885,000
1915-----	10,523,500	24,792,000	9,172,495	1939-----	20,831,000	95,150,000	20,764,000
1920-----	3,329,400	32,000,000	12,601,935	1940-----	21,928,000	99,250,000	21,861,000
1921-----	13,875,200	34,000,000	13,380,219	1941-----	23,521,000	105,550,000	23,451,000
1922-----	14,347,395	37,265,958	13,915,379	1942-----	24,919,000	108,300,000	24,853,000
1923-----	15,369,500	41,400,000	15,000,101	1943-----	26,381,000	108,000,000	26,315,000
1924-----	16,072,800	46,500,000	15,822,934	1944-----	26,859,000	109,000,000	26,843,000
1925-----	16,935,900	52,200,000	16,720,224	1945-----	27,897,000	110,700,000	27,853,000
1926-----	17,746,000	57,900,000	17,574,252	1946-----	31,611,000	116,600,000	31,597,000
1927-----	18,522,767	63,836,182	18,365,000	1947-----	34,867,000	125,500,000	34,854,000
1928-----	19,341,000	69,130,000	19,197,000	1948-----	38,205,000	137,400,000	38,193,000
1929-----	20,068,000	76,400,000	19,958,000	1949-----	40,709,000	147,300,000	40,690,000
1930-----	20,201,000	83,110,000	20,098,000	1950-----	43,004,000	156,700,000	42,995,000
1931-----	19,690,000	86,100,000	19,596,000	1951-----	45,036,000	165,100,000	45,628,000

¹ Partly estimated, except as indicated.

² Bell-owned and Bell-connecting (owned by other companies).

³ From Bureau of the Census.

Source: American Telephone & Telegraph Co., New York, N. Y.; *Annual Report* and records.

o. 545.—TELEPHONE SYSTEMS—SELECTED DATA OF CLASS A AND CLASS B CARRIERS, BY STATES AND OTHER AREAS: 1950

[For year ending Dec. 31. Class A carriers are those having average annual operating revenues exceeding \$100,000; Class B, those exceeding \$50,000 but not more than \$100,000]

STATE AND OTHER AREA	Miles of wire in cable (thousands)	Miles of aerial wire (thousands)	Central offices	AVERAGE NUMBER OF CALLS PER MONTH (thousands) ¹		TELEPHONES (thousands)			State taxes (thousands) ²
				Local	Toll	Total	Business	Residential	
Grand total.....	141,892	5,500	10,261	5,443,999	176,285	38,045	11,775	26,270	249,228
States, total.....	141,598	5,473	10,146	5,420,236	175,721	37,912	11,723	26,189	248,077
Alabama.....	1,304	119	108	83,968	1,625	877	102	275	1,662
Arizona.....	406	62	44	24,280	610	155	57	98	1,885
Arkansas.....	585	99	97	39,385	840	205	66	139	973
California.....	14,098	256	696	449,710	14,126	3,248	1,112	2,136	27,167
Colorado.....	1,015	122	181	68,763	994	425	133	292	1,897
Connecticut.....	3,142	48	130	97,301	5,648	789	218	571	2,461
Delaware.....	452	9	34	14,122	699	118	36	82	220
Dist. of Col.....	1,807	—	32	61,070	890	487	221	266	2,172
Florida.....	2,123	90	94	73,343	1,500	452	190	262	3,262
Georgia.....	2,005	161	160	108,430	1,738	517	154	362	3,218
Idaho.....	200	71	63	19,065	575	129	38	92	738
Illinois.....	10,068	142	366	301,855	12,908	2,548	873	1,674	22,352
Indiana.....	3,097	172	288	138,756	4,048	909	242	668	5,215
Iowa.....	1,349	160	181	74,160	1,982	490	127	364	1,811
Kansas.....	1,301	198	236	63,499	1,408	465	120	340	2,667
Kentucky.....	1,248	126	179	67,034	1,317	366	97	269	1,637
Louisiana.....	1,013	128	152	113,211	1,599	500	148	352	3,059
Maine.....	620	66	145	26,188	1,311	208	54	154	1,073
Maryland.....	2,500	70	167	74,040	2,530	651	182	468	4,217
Massachusetts.....	5,494	62	330	200,207	10,248	1,584	462	1,122	7,542
Michigan.....	7,439	182	466	279,135	5,510	1,923	503	1,420	7,799
Minnesota.....	2,170	140	203	116,547	2,306	681	192	480	3,529
Mississippi.....	670	128	162	43,547	1,117	219	66	153	2,068
Missouri.....	3,097	167	276	156,332	2,939	960	301	659	5,068
Montana.....	190	66	90	18,239	375	130	40	90	598
Nebraska.....	827	129	248	53,133	1,010	306	83	223	1,844
Nevada.....	156	32	24	3,764	126	28	11	17	328
New Hampshire.....	418	44	112	16,401	1,049	142	30	106	594
New Jersey.....	6,554	57	238	169,749	18,839	1,632	467	1,164	12,285
New Mexico.....	235	64	53	17,820	399	112	40	66	584
New York.....	21,440	180	835	639,441	25,245	5,287	1,038	3,348	55,242
North Carolina.....	1,502	150	196	79,750	2,079	426	129	297	3,686
North Dakota.....	162	66	131	16,715	389	93	28	65	678
Ohio.....	8,172	202	516	309,613	6,407	2,183	562	1,621	10,961
Oklahoma.....	1,752	155	204	87,844	1,883	497	151	346	2,900
Oregon.....	1,335	81	177	61,108	2,113	400	126	274	3,166
Pennsylvania.....	10,186	134	533	326,512	10,475	2,770	755	2,015	6,221
Rhode Island.....	846	10	40	32,118	1,111	239	69	170	1,731
South Carolina.....	792	91	76	37,943	825	197	57	140	1,547
South Dakota.....	175	85	143	16,487	395	112	30	81	636
Tennessee.....	2,038	153	210	135,465	1,725	603	168	435	3,639
Texas.....	6,010	436	610	321,117	5,878	1,683	547	1,136	10,546
Utah.....	436	48	67	33,298	913	160	53	137	791
Vermont.....	191	47	88	9,739	655	84	22	62	397
Virginia.....	2,505	115	188	89,044	2,471	601	185	416	3,023
Washington.....	2,125	146	235	102,876	2,828	682	202	480	5,726
West Virginia.....	901	60	129	51,960	1,611	330	92	238	1,320
Wisconsin.....	2,557	112	137	95,066	2,024	709	210	499	4,760
Wyoming.....	199	40	46	10,539	238	71	23	48	390
Canada.....	(³)	4	—	—	—	—	—	—	1
Cuba.....	1	—	—	—	—	—	—	—	216
Hawaii.....	307	16	44	16,862	377	99	33	66	516
Puerto Rico.....	76	8	71	6,900	188	33	19	14	416

¹ Party estimated.

² Includes county, municipal and other taxing-district taxes. Excludes excise taxes collected by telephone carriers from users of telephone services.

³ Less than 500.

Source: Federal Communications Commission; annual report, *Statistics of the Communications Industry in the United States*.

No. 546.—TELEPHONE SYSTEMS—SUMMARY, CLASS A CARRIERS: 1926 TO 1950

[Covers class A telephone carriers filing annual reports with F. C. C. Class A carriers are those whose average annual operating revenues exceeded \$100,000. Gross operating revenues of class A carriers (excluding inter-company duplications of Bell System) reporting in 1937 represented approximately 94 percent of revenues of all telephone carriers as reported for Census of Electrical Industries for that year. Figures include data for carriers consolidated and merged for which annual data are available]

[All money figures in thousands]

YEAR	Number of carriers	Investment in telephone plant	DEPRECIATION AND AMORTIZATION RESERVES		Operating revenues	Operating ratio ¹ (percent)	Taxes	Net operating income after taxes	Net income	Dividends declared
			Amount	Ratio to investment (percent)						
INCLUDING INTERCOMPANY DUPLICATIONS										
1926	147	\$2,981,212	\$608,522	20.41	\$881,633	67.00	\$73,477	\$212,088	\$247,823	\$190,094
1929	147	3,871,235	733,002	18.95	1,135,320	67.62	87,376	272,932	347,052	258,885
1930	144	4,227,787	772,485	18.27	1,169,150	68.91	90,021	264,309	341,750	204,352
1933 ²	91	4,444,418	933,070	20.99	935,051	71.43	88,070	178,931	267,137	321,913
1935	91	4,471,787	1,106,264	24.74	998,957	70.44	99,176	196,107	278,668	314,655
1937 ²	81	4,687,095	1,268,000	27.05	1,140,096	68.06	142,386	221,821	364,074	352,275
1939	78	4,904,828	1,378,177	28.10	1,200,532	66.93	163,885	233,107	367,361	346,454
1940	78	5,071,277	1,437,727	28.35	1,272,665	66.13	193,637	237,391	386,806	349,651
1941	78	5,389,337	1,525,542	28.31	1,406,823	65.21	243,454	245,912	369,369	343,934
1942	78	5,648,246	1,647,995	29.18	1,589,283	64.24	337,151	231,133	329,707	333,003
1943	76	5,745,128	1,814,573	31.58	1,778,118	64.25	393,705	241,037	351,896	339,561
1944	77	5,852,848	1,986,575	33.94	1,903,385	64.82	438,457	231,174	340,767	342,770
1945	76	6,056,982	2,166,601	35.77	2,074,354	66.50	420,628	274,103	353,201	355,762
1946	74	6,681,967	2,349,391	35.16	2,250,971	76.15	273,162	263,634	397,425	360,501
1947	73	7,738,202	2,513,296	32.28	2,397,629	80.72	260,761	201,421	293,409	326,703
1948	71	9,106,035	2,664,208	29.26	2,819,283	79.26	310,634	274,121	396,379	386,656
1949	71	9,983,486	2,795,295	28.00	3,095,433	77.75	366,040	322,009	453,781	435,818
1950	71	10,702,322	2,979,466	27.84	3,485,417	71.85	525,985	454,999	638,809	532,022
EXCLUDING INTERCOMPANY DUPLICATIONS										
1942	78	---	---	---	1,545,319	63.23	---	---	177,962	182,157
1943	75	---	---	---	1,733,528	63.33	---	---	194,172	181,827
1944	77	---	---	---	1,860,818	64.01	---	---	183,639	185,643
1945	76	---	---	---	2,028,641	65.75	---	---	190,042	192,063
1946	74	---	---	---	2,203,825	75.64	---	---	226,660	198,737
1947	73	---	---	---	2,348,082	80.32	---	---	170,181	203,476
1948	71	---	---	---	2,764,161	78.85	---	---	228,478	218,765
1949	71	---	---	---	3,056,485	77.47	---	---	252,214	234,251
1950	71	---	---	---	3,444,568	71.52	---	---	371,620	269,733
YEAR	Miles of wire (thousands)	Telephones (thousands)	Employees, number ³	Total compensation ⁴	YEAR	Miles of wire (thousands)	Telephones (thousands)	Employees, number ³	Total compensation	
1926	54,541	14,413	823,217	\$432,210	1942	102,357	22,163	363,465	\$670,274	
1929	73,775	17,026	387,778	550,210	1943	102,065	23,539	368,127	751,711	
1930	80,660	17,139	347,106	555,951	1944	102,748	23,868	364,967	800,599	
1933 ²	82,349	14,336	267,871	370,073	1945	104,387	24,814	398,263	936,000	
1935	82,578	15,157	265,699	402,836	1946	110,029	28,208	525,175	1,305,431	
1937 ²	85,612	17,035	295,797	489,721	1947	117,651	31,277	556,682	1,435,593	
1939	89,747	18,308	286,896	511,489	1948	129,207	34,224	535,456	1,666,587	
1940	93,688	19,336	304,595	537,148	1949	138,366	30,410	559,718	1,754,103	
1941	90,780	20,837	344,949	602,961	1950	147,380	38,525	564,904	1,797,841	

¹ Ratio of operating expenses to operating revenues.

² In comparing figures in this table, consideration should be given to the minor effect of revisions of Uniform System of Accounts, effective Jan. 1, 1933, and Jan. 1, 1937, resulting in certain changes in and rearrangements of both balance sheet and income statement.

³ Number on Dec. 31 prior to 1943; end of October, thereafter.

⁴ Data for 1926 through 1930 include estimates.

Source: Federal Communications Commission; annual report, *Statistics of the Communications Industry in the United States*.

No. 547.—RADIOTELEGRAPH CARRIERS—SUMMARY: 1926 TO 1950

[All money figures in thousands of dollars. Figures show development of principal carriers filing annual reports with F. C. C. Includes intercompany duplications]

ITEM	1926	1930	1935	1940 ¹	1945 ¹	1949 ¹	1950 ¹
Number of carriers.....	3	7	7	7	7	7	7
Investment in plant and equipment.....	15,800	25,930	29,061	29,735	28,572	38,043	38,885
Depreciation and amortization.....	(2)	(2)	16,518	18,257	16,588	18,208	18,846
Ratio to investment (percent).....	(2)	(2)	51.79	54.67	58.06	47.86	48.47
Operating revenues.....	5,478	7,060	7,956	13,188	22,466	23,441	25,684
Operating expenses including depreciation.....	4,466	6,964	7,630	9,383	15,150	21,776	21,789
Operating ratio (percent) ²	81.34	98.64	95.90	71.15	67.46	92.90	84.84
Taxes.....	(2)	185	108	1,497	6,860	1,143	1,045
Operating income ⁴	1,010	72	35	3,319	7,172	760	2,802
Net income transferred to earned surplus.....	(2)	229	380	2,086	2,268	431	2,373
Dividends declared.....	(2)		1,400	838	850	5	8
Revenue messages transmitted (thousands) ⁵	3,585	5,151	6,521	8,589	10,518	11,815	12,609
Number of employees on June 30.....	1,266	2,119	2,641	3,097	3,880	5,483	5,204
Total compensation for year.....	10 2,211	10 3,809	3,946	5,791	14,217	18,232	18,209

¹ In comparing data for 1940-50 with prior years, consideration should be given to changes in reporting requirements due to the uniform system of accounts effective Jan. 1, 1940.

² Data not available. ³ Ratio of operating expenses to operating revenues.

⁴ Beginning 1940, figures are before deduction of income taxes.

⁵ Deficit.

⁶ Includes \$400,000 charged to surplus arising from reduction of capital stock.

⁷ Includes \$150,000 charged to capital surplus. ⁸ Includes data estimated by reporting carriers.

⁹ As of end of October. ¹⁰ Includes estimated data.

Source: Federal Communications Commission; annual report, *Statistics of the Communications Industry in the United States*.

No. 548.—RADIOTELEPHONE SERVICE, BY CLASS: DECEMBER 31, 1950

[Covers radiotelephone service offered by 31 class A and B telephone carriers; in addition, radiotelephone service with revenue amounting to \$831,366 is offered by 3 radiotelegraph carriers, 1 cable carrier, and 3 small telephone carriers, details for which were not reported]

CLASS OF SERVICE	Number of chargeable calls	Gross revenues ¹
FIXED STATIONS		
Message service, total.....	989,172	8,959,906
Overseas, total.....	744,650	8,197,787
Bermuda and trans-Atlantic.....	304,341	3,034,033
Central and South American and Caribbean.....	213,832	2,210,870
Trans-Pacific.....	184,502	1,815,630
Other.....	41,915	237,198
Interstate, intrastate, intraterritory and intrapossession.....	244,522	762,109
Private line service.....		196,403
MOBILE STATIONS		
Message service, total.....	2,879,211	3,505,100
High seas (general service).....	19,294	133,847
Coastal Harbor service, total.....	426,340	595,562
General service.....	297,586	491,216
Dispatching service.....	38,903	37,987
Other.....	89,701	66,259
Mobile telephone service, total.....	2,433,577	2,776,191
General service.....	1,562,184	1,993,242
Dispatching service.....	826,400	727,218
Signaling service.....	44,993	56,755
Other.....		4,978
Private systems.....		1,740,206

¹ Includes land-line charges. Mobile service includes monthly charges, installation and move charges.

Source: Federal Communications Commission; annual report, *Statistics of the Communications Industry in the United States*.

No. 549.—WIRE-TELEGRAPH CARRIERS (LAND LINE AND OCEAN CABLE)—SUMMARY: 1926 TO 1950

[All money figures in thousands of dollars. Figures show development of principal carriers filing annual reports with F. C. C. Includes carriers consolidated or merged for which annual report data are available. Includes intercompany duplications. Beginning 1945, not comparable with prior years; reporting requirements changed effective Jan. 1, 1943]

ITEM	1926	1930	1935	1940	1945	1948	1949	1950	
								All com- panies	West- ern Union
Number of carriers.....	8	7	6	6	5	5	5	4	1
Investment in plant and equip- ment.....	391,029	485,429	500,417	483,897	400,420	408,551	402,006	391,734	327,813
Depreciation and amortization.....	102,530	107,966	105,662	162,096	226,702	200,881	198,667	192,138	146,080
Ratio to investment (percent).....	26.22	22.24	21.11	33.50	48.60	49.17	49.35	49.05	44.66
Operating revenues.....	179,405	175,902	121,785	131,424	208,694	207,280	194,548	202,043	180,509
Operating ratio (percent) ¹	80.81	85.25	83.91	87.52	88.72	94.34	94.60	87.27	87.79
Taxes.....	6,957	5,232	4,378	7,899	9,095	7,812	7,783	11,124	9,131
Operating income.....	20,880	20,206	14,384	7,915	¹⁴ 251	² 1,095	³ 1,119	² 14,118	² 13,231
Net income.....	22,722	13,390	4,175	1,883	² 3,309	940	³ 3,280	0,518	8,936
Dividends declared.....	14,665	23,664	4,800	2,033	2,453	1,935	353	3,343	2,450
Miles of wire (thousands).....	2,097	2,396	2,362	2,389	2,363	1,748	1,546	1,404	1,338
Number of revenue messages trans- mitted (thousands) ⁴	230,824	226,460	173,862	189,864	242,049	200,041	184,462	184,881	170,781
Employees, number ⁵	86,383	92,148	65,946	63,036	65,188	54,940	47,327	45,977	42,053
Total compensation ⁶	110,453	118,352	71,950	81,338	137,645	154,166	138,908	128,968	120,553

¹ Ratio of operating expenses to operating revenue.

² Represents operating income before deduction of income taxes.

³ Deficit or other reverse item.

⁴ Represents estimates by reporting carriers.

⁵ Number on Dec. 31 prior to 1947, end of October thereafter.

⁶ Data for 1926-30 include estimates by reporting carriers.

Source: Federal Communications Commission; annual report, *Statistics of the Communications Industry in the United States*.

No. 550.—WESTERN UNION TELEGRAPH CO.—LINE AND WIRE MILEAGE, OFFICES AND FINANCES: 1867 TO 1951

YEAR ENDING—	Miles of pole line and cable ¹	Miles of wire ¹	Number of offices ²	Receipts	Expenses	Net income ³
June 30—				<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1867.....	46,270	85,291	2,565	6,568,925	3,044,006	2,624,920
1870.....	54,109	112,191	3,972	7,138,738	4,010,772	2,227,966
1880.....	85,645	233,534	9,077	12,782,895	6,948,957	5,833,938
1890.....	183,917	678,997	10,382	22,387,020	15,074,304	7,312,725
1900.....	192,705	933,153	22,900	24,758,570	18,593,206	6,165,364
1910.....	214,360	1,429,040	24,825	33,880,202	26,614,302	7,274,900
Dec. 31—						
1915.....	238,940	1,610,709	25,142	52,475,721	40,972,541	11,503,180
1920.....	248,214	1,449,710	24,881	121,473,685	108,134,041	13,339,644
1925.....	246,307	1,635,236	24,428	129,151,617	112,861,832	16,289,785
1930.....	256,763	1,948,988	24,298	133,236,751	123,987,619	9,248,232
1935.....	254,091	1,905,858	20,964	91,389,312	86,131,234	5,258,078
1940.....	240,343	1,914,615	19,140	101,277,646	97,655,965	3,621,581
1945.....	276,084	2,261,164	18,087	⁴ 194,271,046	⁴ 189,836,541	⁴ 4,434,505
1946.....	⁵ 215,892	⁵ 2,087,637	18,588	⁴ 185,189,220	⁴ 196,189,919	⁷ 11,000,699
1947.....	⁵ 167,016	⁵ 1,730,235	18,232	⁴ 208,909,995	⁴ 199,828,649	⁹ 141,346
1948.....	⁵ 168,564	⁵ 1,675,558	17,400	⁴ 197,782,307	⁴ 197,953,988	⁷ 171,621
1949.....	⁵ 146,990	⁵ 1,477,925	16,835	⁴ 181,944,962	⁴ 185,808,368	⁷ 5,363,406
1950.....	⁵ 132,274	⁵ 1,337,768	16,202	⁴ 180,436,704	⁴ 180,500,859	⁸ 8,935,845
1951.....	⁵ 122,566	⁵ 1,264,293	15,355	⁴ 203,792,458	⁴ 197,824,468	⁵ 5,967,990

¹ Pole and wire mileages reflect acquisition on Oct. 7, 1943, of facilities of Postal Telegraph Companies.

² Excludes agency and commission offices, numbering 11,562 on Dec. 31, 1951.

³ Figures for 1915 and prior years represent net income before bond interest.

⁴ Effective Jan. 1, 1943, the Federal Communications Commission prescribed a new system of accounts for telegraph carriers, and receipts and expenses as stated above for subsequent years are not fully comparable with results for prior years.

⁵ Net income from current operations, before extraordinary adjustments of income applicable to prior years.

⁶ Excludes controlled pole lines and wires no longer recorded in plant records.

⁷ Deficit.

⁸ After extraordinary credits and charges.

Source: Western Union Telegraph Co., New York, N. Y.; *Annual Report*.

BROADCAST STATIONS BY STATES

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No. 551.—BROADCAST AUTHORIZATIONS, BY STATES AND OTHER AREAS:
1949, 1950, AND 1952

[Stations licensed or holding construction permits]

STATE OR OTHER AREA	1949 (as of June 30)				1950 (as of June 7)				1952 (as of Jan. 1)			
	Total	AM	FM ¹	TV	Total	AM	FM ²	TV	Total	AM ³	FM ⁴	TV
Total	3,161	2,179	865	117	3,226	2,295	822	109	3,039	2,287	644	108
Alabama.....	81	61	18	2	88	71	15	2	89	72	15	2
Arizona.....	26	24	—	2	28	25	2	1	27	25	1	1
Arkansas.....	40	32	8	—	41	34	7	—	47	42	5	—
California.....	210	147	62	10	219	143	65	11	184	133	40	11
Colorado.....	37	34	3	—	38	35	3	—	36	33	3	—
Connecticut.....	40	26	13	1	39	27	11	1	36	26	9	1
Delaware.....	12	6	5	1	9	5	3	1	19	6	2	1
District of Columbia.....	20	7	9	4	19	7	8	4	7	7	8	4
Florida.....	100	71	24	5	100	75	22	3	98	76	20	2
Georgia.....	100	70	27	3	102	76	23	3	102	77	22	3
Idaho.....	26	21	5	—	25	22	3	—	27	23	4	—
Illinois.....	127	71	50	6	130	74	51	5	122	75	42	5
Indiana.....	76	44	29	3	73	45	26	2	66	43	21	2
Iowa.....	70	46	22	2	76	52	22	2	66	47	18	1
Kansas.....	46	38	8	—	46	39	7	—	38	36	2	—
Kentucky.....	58	43	13	2	60	43	15	2	58	45	11	2
Louisiana.....	59	39	17	3	61	42	18	1	57	44	12	1
Maine.....	19	10	3	—	18	10	2	—	16	14	2	—
Maryland.....	44	24	17	3	43	22	18	3	36	22	11	3
Massachusetts.....	70	46	30	3	83	51	30	2	74	50	22	2
Michigan.....	94	60	28	6	98	63	29	6	92	61	25	6
Minnesota.....	53	44	11	3	65	49	12	2	58	49	7	2
Mississippi.....	46	40	6	—	49	43	6	—	48	44	4	—
Missouri.....	67	45	20	2	70	51	17	2	63	49	12	2
Montana.....	26	26	—	—	25	25	—	—	25	25	—	—
Nebraska.....	27	21	4	2	27	22	3	2	24	21	2	1
Nevada.....	11	9	2	—	11	10	1	—	11	10	1	—
New Hampshire.....	17	11	6	—	16	12	4	—	15	12	3	—
New Jersey.....	37	19	17	1	36	20	15	1	32	19	12	1
New Mexico.....	24	23	—	1	27	25	1	1	25	24	—	1
New York.....	171	93	64	14	170	95	62	13	153	94	46	13
North Carolina.....	132	90	40	2	139	93	44	2	130	97	40	2
North Dakota.....	15	14	1	—	14	14	—	—	13	13	—	—
Ohio.....	127	62	53	12	132	69	51	12	127	71	42	14
Oklahoma.....	59	43	14	2	61	46	13	2	50	42	6	2
Oregon.....	50	39	10	1	53	43	10	—	52	44	8	—
Pennsylvania.....	186	108	71	7	185	111	67	7	174	114	53	7
Rhode Island.....	19	11	7	1	18	11	6	1	17	11	5	1
South Carolina.....	57	43	14	—	53	42	11	—	58	45	13	—
South Dakota.....	15	14	1	—	15	14	1	—	13	12	1	—
Tennessee.....	74	55	18	1	73	57	14	2	72	61	9	2
Texas.....	223	178	39	6	222	183	33	6	216	184	26	6
Utah.....	23	19	3	1	24	18	4	2	22	18	2	2
Vermont.....	8	8	—	—	9	9	—	—	9	9	—	—
Virginia.....	78	52	24	2	79	57	20	2	78	57	19	2
Washington.....	54	46	7	1	62	53	8	1	60	52	7	1
West Virginia.....	55	34	20	1	54	38	15	1	52	37	14	1
Wisconsin.....	73	51	21	1	80	55	24	1	75	57	17	1
Wyoming.....	12	12	—	—	13	13	—	—	13	13	—	—
Alaska.....	8	8	—	—	10	10	—	—	10	10	—	—
Hawaii.....	9	9	—	—	12	12	—	—	12	12	—	—
Puerto Rico.....	27	26	1	—	25	25	—	—	23	23	—	—
Virgin Islands.....	—	—	—	—	3	3	—	—	1	1	—	—

¹ Excludes 58 noncommercial educational broadcast stations.² Includes 82 noncommercial educational broadcast stations.³ Excludes 34 AM and 96 FM noncommercial stations.⁴ Includes 1 experimental authorization operating on commercial basis.Source: Federal Communications Commission, *Annual Report*.

No. 552.—TOTAL BROADCAST REVENUES OF ALL NETWORKS AND STATIONS, AM AND AM-FM, FM AND TV: 1937 TO 1950

[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.]

YEAR	TOTAL		AM AND AM-FM ¹		FM (INDEPENDENTS)		TV ²	
	Number of stations	Revenues (thousands)	Number of stations	Revenues (thousands)	Number of stations	Revenues (thousands)	Number of stations	Revenues (thousands)
1937	620	\$114, 223	629	\$114, 223				
1938	660	111, 358	660	111, 358				
1939	705	123, 882	705	123, 882				
1940	765	147, 147	705	147, 147				
1941	825	168, 785	817	168, 779	2		6	\$6
1942	862	178, 804	851	178, 830	5	\$13	6	42
1943	852	215, 428	841	215, 318	5	26	6	84
1944	885	275, 550	875	275, 269	4	32	6	219
1945	912	299, 718	901	299, 338	5	39	6	538
1946	1, 043	323, 228	1, 025	322, 553	8	17	10	658
1947	1, 531	366, 632	1, 404	363, 714	52	422	15	1, 896
1948	1, 974	416, 867	1, 824	406, 995	103	1, 251	47	8, 621
1949	2, 223	449, 544	2, 021	413, 785	104	1, 429	98	34, 330
1950	2, 336	550, 400	2, 143	443, 100	86	1, 400	107	105, 900

¹ Includes revenues of 4 Nation-wide networks and regional networks.

² Includes revenues of 4 TV networks beginning in 1943 when commercial TV network operation started.

Source: Federal Communications Commission.

No. 553.—EMPLOYMENT, HOURS, AND EARNINGS IN THE RADIO AND TELEVISION BROADCASTING INDUSTRY: OCTOBER 1950

CLASSIFICATION	TOTAL			NETWORKS AND OWNED AND OPERATED STATIONS			OTHER BROADCASTING STATIONS ¹		
	Number of employees	Average scheduled weekly—		Number of employees	Average scheduled weekly—		Number of employees	Average scheduled weekly—	
		Hours	Earnings		Hours	Earnings		Hours	Earnings
All full-time employees except general officers and assistants	46, 793	40.0	\$73.00	9, 350	38.5	\$90.00	37, 443	40.0	\$68.50
Staff program employees:									
Supervisory	2, 301	41.0	97.00	224	39.0	177.00	2, 077	41.5	88.50
Nonsupervisory	14, 203	38.5	73.00	2, 255	36.0	107.00	11, 948	39.0	67.00
Technical employees:									
Supervisory	2, 420	41.5	96.50	109	39.5	100.00	2, 230	42.0	90.50
Nonsupervisory	10, 670	40.5	76.00	1, 888	39.5	104.50	8, 782	41.0	70.00
Commercial employees:									
Supervisory	1, 205	41.5	120.00	98	39.0	107.50	1, 107	41.5	113.00
Nonsupervisory	3, 897	41.0	80.50	281	38.5	138.00	3, 616	41.0	82.50
Promotion and publicity employees:									
Supervisory	319	40.0	114.50	94	39.5	159.50	225	40.0	96.00
Nonsupervisory	486	39.5	72.00	224	39.5	92.00	262	39.5	65.50
Clerical employees	9, 103	40.0	48.00	3, 155	40.5	55.00	5, 948	40.0	44.50
Building-service employees	1, 716	37.5	47.00	707	37.0	59.50	1, 009	38.5	38.00
All other employees except general officers and assistants	464	39.0	78.00	225	40.0	107.00	239	38.0	50.50
Full-time general officers and assistants	2, 769	(2)	³ 162.50	164	(2)	³ 301.00	2, 605	(2)	³ 148.50
All part-time employees except general officers and assistants	10, 503	(2)	³ 69.00	3, 323	(2)	³ 148.00	7, 180	(2)	³ 32.00
Part-time general officers and assistants	567	(2)	³ 77.50				567	(2)	³ 77.50

¹ Includes all stations not owned and operated by networks.

² Not reported.

³ Average actual weekly earnings.

Source: Department of Labor, Bureau of Labor Statistics.

No. 554.—RADIO STATIONS AUTHORIZED AND OPERATORS LICENSED, BY CLASS, AS OF JUNE 30: 1949, 1950, AND 1951

CLASS OF STATION OR OPERATOR	1949	1950	1951	CLASS OF STATION OR OPERATOR	1949	1950	1951
Safety and special radio authorization.	61,286	66,382	86,942	Land transportation—Con.			
Aeronautical.....	27,227	23,794	34,061	Urban transit.....	80	100	111
Aircraft.....	23,723	20,118	30,832	Inter-city bus.....	20	30	81
Ground.....	3,504	3,676	3,229	Taxicab.....	3,144	2,750	3,152
Marine.....	20,004	24,921	29,544	Highway truck.....	8	107	270
Ship.....	18,140	22,601	26,681	Automobile emergency.....	2	58	85
Ship radar.....	863	1,125	1,625	Experimental.....	501	466	404
Coastal and marine relay.....	136	130	116	Broadcast stations¹.....	4,085	4,510	4,592
Alaskan coastal.....	302	340	344	Standard (AM).....	2,179	2,303	2,385
Alaskan fixed public.....	480	524	517	Frequency modulation (FM).....	865	732	650
Other.....	83	201	261	Television (TV).....	117	109	109
Public safety.....	5,700	7,607	9,129	Television (experimental).....	205	206	213
Police.....	4,759	5,618	6,198	Noncommercial educational (FM).....	58	82	95
Fire.....	124	276	432	Facsimile.....	2	(²)	(²)
Forestry—Conservation.....	565	1,307	1,728	International.....	37	40	40
Highway maintenance.....	165	238	408	Remote pickup.....	580	1,003	1,043
Special emergency.....	87	168	313	Studio transmitter (ST).....	28	29	42
State Guard.....			50	Developmental.....	14	6	6
Industrial.....	4,266	6,099	9,551	Radio operators and amateur stations.....	645,587	712,395	792,019
Power.....	2,712	3,601	5,016	Commercial operators.....	378,500	416,881	474,155
Petroleum.....	802	1,380	2,416	Aircraft radiotelephone operators.....	104,569	120,550	137,988
Forest products.....	144	246	453	Amateur operators.....	80,721	86,662	88,729
Special industrial.....	571	724	1,451	Amateur stations.....	81,675	87,967	90,587
Low-power industrial.....	3	93	150	Citizens stations.....	122	335	500
Relay press.....	19	26	35				
Motion picture.....	15	20	21				
Other.....		9	9				
Land transportation.....	3,588	3,495	4,253				
Railroad.....	334	450	604				

¹ Stations licensed or holding construction permits.

² Commercial facsimile broadcasting is now authorized over FM broadcast facilities.

³ Estimated.

Source: Federal Communications Commission; *Annual Report*.

No. 555.—COMPARATIVE FINANCIAL DATA FOR ALL NETWORKS AND STANDARD BROADCAST STATIONS: 1946 TO 1950

[In thousands of dollars, except number of networks and stations]

ITEM	1946	1947	1948	1949	1950
Number of networks.....	8	7	7	7	7
Number of stations.....	1,025	1,464	1,824	2,021	2,143
Broadcast revenues, total.....	322,553	363,714	406,995	413,785	443,057
Broadcast expenses of networks and stations.....	246,087	291,918	342,904	357,522	372,314
Broadcast income before Federal income tax.....	76,466	71,796	64,092	56,263	70,743
BROADCAST REVENUES					
Revenues from time sales, net.....	288,009	326,117	366,428	375,050	401,089
Commissions to regularly established agencies, representatives, brokers and others.....	45,470	47,970	50,898	50,807	52,476
Revenues from time sales, total.....	334,079	374,087	416,720	425,357	453,565
Revenues from network time sales, net.....	134,781	134,727	141,052	134,898	131,630
Payments to foreign stations and elimination of miscellaneous duplications.....	5,759	5,551	5,896	1,863	1,411
Network time sales to:					
Nation-wide networks.....	130,497	131,205	137,619	130,766	126,044
Regional networks.....	5,729	4,975	4,868	3,854	3,602
Miscellaneous networks and stations.....	2,315	2,038	2,462	2,141	2,935
Revenues from non-network time sales to:					
National and regional advertisers and sponsors.....	82,918	91,581	104,760	108,315	118,824
Local advertisers and sponsors.....	116,380	147,779	170,908	182,144	203,211
Revenues from incidental broadcast activities, total.....	33,944	37,597	40,567	38,735	41,908
Talent.....	16,763	19,599	22,196	21,998	25,202
Sundry broadcast revenues.....	17,180	17,998	18,371	16,737	16,706

Source: Federal Communications Commission; annual report, *Statistics of the Communications Industry in the United States*.

No. 556.—COMPARATIVE FINANCIAL DATA FOR THE 4 NATION-WIDE STANDARD BROADCAST NETWORKS AND THEIR KEY STATIONS: 1946 TO 1950

ITEM	1946	1947	1948	1949	1950
Number of key stations.....	10	11	11	11	11
Total broadcast revenues.....	\$86,494,599	\$91,232,718	\$95,788,942	\$95,400,849	\$95,609,651
Total broadcast expenses.....	71,708,921	75,091,412	80,508,811	79,095,870	80,435,393
Broadcast income (before Federal income taxes).....	14,785,678	16,141,306	15,280,131	15,413,979	15,174,258

No. 557.—COMPARATIVE FINANCIAL DATA FOR 1,665 STANDARD BROADCAST STATIONS BY CLASS OF STATION AND TIME OF OPERATION: 1949 AND 1950

[All broadcast income is before Federal income taxes. Only those stations identical for both years with respect to class, time and network affiliation are included. Excludes 18 stations of networks]

ITEM	1949	1950	Percent increase
Averages per station:			
Total (1,665 stations):			
Total broadcast revenues.....	\$174,730	\$185,771	6.32
Total broadcast expenses.....	149,785	153,262	2.32
Broadcast income.....	24,945	32,509	30.32
Clear channel 50 kilowatts unlimited (62 stations):			
Total broadcast revenues.....	1,036,662	1,075,125	3.71
Total broadcast expenses.....	786,888	796,107	1.17
Broadcast income.....	249,774	279,018	11.71
Clear channel 5 to 25 kilowatts unlimited (40 stations):			
Total broadcast revenues.....	321,456	366,281	13.94
Total broadcast expenses.....	282,500	308,065	9.34
Broadcast income.....	38,896	57,316	47.30
Clear channel 5 to 25 kilowatts part-time (4 stations):			
Total broadcast revenues.....	160,491	176,203	9.79
Total broadcast expenses.....	135,805	152,816	12.53
Broadcast income.....	24,686	23,387	² 5.29
Regional unlimited (483 stations):			
Total broadcast revenues.....	240,674	261,465	6.00
Total broadcast expenses.....	209,424	211,944	1.20
Broadcast income.....	37,250	49,521	32.94
Regional part-time (271 stations):			
Total broadcast revenues.....	91,828	99,835	8.72
Total broadcast expenses.....	89,000	91,875	3.23
Broadcast income.....	2,828	7,960	181.47
Local unlimited (699 stations):			
Total broadcast revenues.....	89,546	95,413	6.55
Total broadcast expenses.....	81,808	84,122	2.83
Broadcast income.....	7,738	11,291	45.92
Local day and part-time (106 stations):			
Total broadcast revenues.....	61,605	68,483	11.16
Total broadcast expenses.....	59,485	64,015	7.62
Broadcast income.....	2,120	4,468	110.76

¹ Includes 3 stations clear channel 50-kilowatts, part-time. ² Decrease.

No. 558.—BROADCAST REVENUES AND INCOME OF STANDARD BROADCAST STATIONS AND NETWORKS: 1949 AND 1950

SOURCE	1949				1950			
	Total broadcast revenues		Broadcast income ¹		Total broadcast revenues		Broadcast income ¹	
	Amount	Per cent of total	Amount	Per cent of total	Amount	Per cent of total	Amount	Per cent of total
Total.....	\$413,784,633	100.00	\$56,262,915	100.00	\$443,057,845	100.00	\$70,743,262	100.00
Networks, including owned and operated stations.....	108,079,704	26.12	17,473,756	31.08	110,478,458	24.94	18,084,342	26.84
Networks and their key stations.....	96,959,626	23.43	14,776,654	26.27	97,463,908	22.00	15,134,406	21.40
Other network owned and operated stations.....	11,120,078	2.69	2,697,102	4.79	13,014,550	2.94	3,849,936	5.44
Other stations.....	805,704,929	73.88	38,789,159	68.94	332,570,387	75.06	51,758,920	73.16
Network outlet stations.....	216,413,856	52.30	35,383,820	62.89	232,788,708	52.54	43,154,659	61.00
Other stations.....	89,291,073	21.58	3,405,339	6.05	99,790,619	22.52	8,604,261	12.16

¹ Before Federal income taxes.

Source of tables 556, 557, and 558: Federal Communications Commission; annual report, *Statistics of the Communications Industry in the United States*.

No. 559.—FINANCIAL DATA OF TELEVISION NETWORKS AND BROADCAST STATIONS:
1949 AND 1950

[In millions of dollars]

ITEM	1949			1950		
	Broadcast revenues	Broadcast expenses	Broadcast loss	Broadcast revenues	Broadcast expenses	Broadcast loss
Industry total.....	34.3	59.6	25.3	105.9	115.1	9.2
4 networks (including owned and operated stations).....	19.3	31.4	12.1	55.5	65.5	10.0
Other stations.....	15.0	28.2	13.2	50.4	49.6	1.8

1 Represents gain.

Source: Federal Communications Commission; annual report, *Statistics of the Communications Industry in the United States*.

No. 560.—PERIODICALS—NUMBER, CIRCULATION, AND RECEIPTS, BY TYPE: 1947

[Circulation and money figures in thousands]

TYPE	Number published	Aggregate circulation per issue	Receipts	TYPE	Number published	Aggregate circulation per issue	Receipts
Total.....	4,610	384,628	\$1,045,523	Labor.....	183	3,694	\$8,877
Agriculture and farm, general.....	95	16,514	38,060	Legal.....	85	273	3,319
Agriculture and farm, specified.....	144	6,005	10,957	Medical and dental.....	143	1,894	11,392
Art, music, and drama.....	54	2,730	5,322	Military and naval.....	21	622	1,841
Business and finance.....	127	2,013	31,211	Motion picture.....	31	8,272	15,032
Comics.....	263	89,478	41,829	Religious.....	951	47,191	42,752
Educational.....	177	14,565	21,845	Science and technology.....	106	3,918	13,658
Fashions.....	38	5,746	31,603	Sports, outdoor, hobbies, etc.....	206	8,977	36,412
Fiction.....	180	35,332	44,572	Trade: merchandising.....	472	5,310	62,348
Fraternal and clubs.....	98	14,388	9,163	Trade: professional, institutional, and service.....	298	3,099	31,146
General interest, news, and current events.....	203	64,228	343,865	Trade: industrial, engineering, and technical.....	489	6,166	79,421
Geography and travel.....	20	1,187	6,293	University, college, and school.....	17	64	418
Home and garden.....	32	11,867	39,874	Women's service.....	21	22,556	100,489
Juvenile.....	17	2,837	7,058	All other.....	139	5,699	8,790

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures report.

No. 561.—NEWSPAPERS AND PERIODICALS—NUMBER AND CIRCULATION, BY
FREQUENCY OF ISSUE, AND RECEIPTS: 1929 TO 1947

[Circulation and money figures in thousands]

FREQUENCY OF ISSUE AND RECEIPTS	1929	1931	1933	1935	1937	1939	1947
NEWSPAPERS							
Total number.....	10,176	9,299	6,884	8,266	8,826	9,173	10,232
Aggregate circulation per issue ¹	91,778	86,457	76,299	87,096	95,296	96,476	119,567
Daily (except Sunday):							
Morning:							
Number.....	459	455	432	464	505	473	400
Circulation.....	15,742	15,480	14,782	15,984	17,311	17,152	21,706
Evening:							
Number.....	1,627	1,589	1,471	1,573	1,500	1,567	1,454
Circulation.....	26,274	25,813	22,849	24,887	26,034	25,814	31,490
Sunday:							
Number.....	578	555	489	523	528	542	416
Circulation.....	20,012	27,453	25,454	29,196	32,713	33,007	42,736
Weekly:							
Number.....	7,075	6,313	4,218	5,337	5,839	6,212	7,705
Circulation.....	18,884	16,173	12,048	15,185	17,287	18,295	21,408
Semiweekly:							
Number.....	381	339	240	332	348	343	230
Circulation.....	1,580	1,353	1,026	1,724	1,720	1,990	926
Triweekly:							
Number.....	56	48	34	37	40	36	21
Circulation.....	287	184	140	121	231	219	151
Other:							
Number.....							56
Circulation.....							1,080
Receipts, total.....	\$1,073,119	\$886,523	\$667,820	\$760,247	\$861,689	\$845,687	\$1,792,338
Subscription and sales.....	275,781	261,669	230,147	260,224	287,500	306,192	599,925
Advertising.....	797,338	624,854	428,673	500,023	574,189	539,495	1,192,413
PERIODICALS							
Total number.....	5,157	4,887	3,459	4,019	4,202	4,985	4,610
Aggregate circulation ¹	202,022	183,527	174,759	178,621	224,275	239,693	384,628
Daily:							
Number.....	207	204	177	196	163	220	112
Circulation.....	932	831	794	682	701	1,079	842
Triweekly:							
Number.....	8	9	6	7	8	12	5
Circulation.....	25	31	25	22	33	27	5
Semiweekly:							
Number.....	27	38	30	27	45	50	21
Circulation.....	1,402	1,284	1,811	2,129	2,556	2,905	182
Weekly:							
Number.....	1,158	1,066	878	966	954	1,109	892
Circulation.....	34,495	30,782	39,365	42,048	50,115	55,825	60,393
Semi-monthly:							
Number.....	224	205	145	171	170	193	233
Circulation.....	9,108	6,376	4,593	5,508	7,548	8,135	13,832
Monthly:							
Number.....	2,799	2,552	1,664	2,009	2,063	2,323	2,253
Circulation.....	133,048	122,671	103,193	102,194	124,521	134,706	194,824
Quarterly:							
Number.....	592	629	462	510	547	608	647
Circulation.....	20,605	19,576	23,238	23,277	25,808	26,238	45,535
Other:							
Number.....	172	184	97	133	243	380	447
Circulation.....	2,346	1,978	1,742	2,161	6,903	9,726	60,015
Receipts, total.....	\$507,445	\$407,254	\$269,294	\$329,564	\$407,835	\$409,027	\$1,045,523
Subscription and sales.....	184,545	163,098	128,292	143,466	171,961	184,572	419,782
Advertising.....	322,900	243,556	141,002	186,098	235,874	224,455	625,741

¹ Calculated by totaling returns for average circulation per issue as made for individual publications.

Source: Department of Commerce, Bureau of Census; 1947 Census of Manufactures report.

No. 562.—BOOK PUBLISHING—NUMBER OF COPIES SOLD AND RECEIPTS, BY
TYPE: 1947

[In thousands]

TYPE	ALL EDITIONS			
	Number of copies sold			Receipts
	Total	Hard-bound	Paper-bound	
Books, total	487, 216	277, 450	209, 766	\$435, 134
Textbooks:				
Elementary and high school.....	74, 254	53, 285	20, 969	55, 068
College.....	23, 821	22, 547	1, 274	52, 513
School workbooks (except educational tests).....	41, 070	843	40, 227	13, 227
Religious books:				
Bibles and testaments.....	9, 248	4, 703	4, 545	9, 285
Prayer books.....	2, 606	1, 372	1, 234	1, 558
General religious books and hymnals.....	30, 689	15, 619	15, 070	18, 060
Technical and professional books.....	17, 467	11, 670	5, 791	45, 837
Mail-order books, including book clubs.....	54, 420	45, 546	8, 883	65, 423
Subscription books.....	14, 626	13, 880	746	63, 851
Trade books:				
Adult.....	140, 414	48, 673	91, 741	69, 963
Juvenile.....	53, 752	49, 962	3, 790	20, 289
Other books.....	24, 840	9, 344	15, 496	20, 070
All pamphlets, total, including educational test.....	402, 290		402, 200	20, 656

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures report.

No. 563.—REGISTRATION OF COPYRIGHTS BY SUBJECT MATTER: FISCAL YEARS,
1946 TO 1951

[For information on patents, see table 540, p. 457. See also *Historical Statistics*, series P 170-175 for data on total registrations and on the registration of books, musical compositions, and commercial prints and labels]

SUBJECT MATTER OF COPYRIGHT	1946	1947	1948	1949	1950	1951
Total	202, 144	230, 215	238, 121	201, 190	210, 564	200, 354
Books.....	47, 800	53, 925	54, 774	51, 562	54, 894	50, 533
Printed in the United States.....	43, 737	49, 243	51, 546	48, 323	50, 144	45, 879
Books proper.....	7, 670	9, 908	9, 786	10, 254	11, 323	11, 272
Pamphlets, leaflets, etc.....	30, 554	34, 940	35, 797	33, 929	34, 383	31, 199
Contributions to newspapers and periodicals.....	5, 504	4, 400	5, 063	4, 140	4, 438	3, 408
Printed abroad in a foreign language.....	3, 513	3, 970	2, 545	2, 644	3, 710	3, 536
English books registered for ad interim copyright.....	610	712	683	595	1, 040	1, 118
Periodicals (numbers).....	48, 289	58, 340	59, 699	54, 163	55, 436	55, 120
Lectures, sermons, addresses.....	1, 120	972	1, 263	1, 036	1, 007	693
Dramatic or dramatico-musical compositions.....	5, 856	6, 456	6, 128	5, 159	4, 427	3, 992
Musical compositions.....	63, 367	68, 709	72, 339	48, 210	52, 309	48, 319
Maps.....	1, 304	1, 779	1, 456	2, 314	1, 638	1, 092
Works of art, models, or designs.....	3, 094	4, 044	3, 038	3, 281	4, 013	3, 428
Reproductions of works of art.....	817	540	809	239	326	463
Drawings or plastic works of a scientific or technical character.....	1, 777	2, 147	1, 619	1, 063	1, 316	953
Photographs.....	1, 752	1, 838	1, 844	1, 134	1, 143	770
Commercial prints and labels.....	7, 075	9, 674	10, 619	13, 233	13, 320	11, 981
Prints and pictorial illustrations.....	5, 384	6, 506	6, 086	4, 358	4, 309	3, 590
Motion picture photoplays.....	774	666	632	667	782	835
Motion pictures not photoplays.....	1, 250	1, 418	999	1, 096	1, 113	1, 314
Renewals of commercial prints and labels.....	33	21	20			
Renewals of all classes.....	12, 483	13, 180	15, 795	13, 675	14, 631	16, 372

Source: The Library of Congress, *Annual Report*.

No. 564.—UNITED STATES POSTAL SERVICE—SUMMARY: 1800 TO 1950

[Postal statistics, unless otherwise noted, include data for outlying Territories and possessions except Canal Zone. Excludes Philippine Islands for all years. Leaders indicate no data. For financial data, see also *Historical Statistics*, series P 165-167]

YEAR ENDING JUNE 30—	Number of post offices	Mileage of post routes ¹	FINANCES (thousands of dollars)			Revenue per capita, dollars	MONEY ORDERS ISSUED (thousands of dollars)		Number of ordinary postage stamps issued, millions	Number of pieces of mail hand- led, mil- lions ⁴
			Gross revenue	Gross expend- iture	Sur- plus (+) or def- icit (-)		Domes- tic ⁵	Inter- national ⁵		
1800.....	903	20,817	281	214	+67	-----	-----	-----	-----	-----
1810.....	2,800	36,406	552	406	+146	-----	-----	-----	-----	-----
1820.....	4,600	72,492	1,112	1,161	-49	-----	-----	-----	-----	-----
1830.....	8,450	115,176	1,851	1,933	-82	-----	-----	-----	-----	-----
1840.....	13,468	155,739	4,544	4,718	-175	0.27	-----	-----	-----	-----
1850.....	18,417	178,672	5,500	5,213	+287	.20	-----	-----	-----	-----
1860.....	28,498	240,594	8,518	19,171	-10,653	.27	-----	-----	2	216
1865.....	20,550	142,340	14,566	13,695	+917	.42	61,860	-----	387	-----
1870.....	28,492	231,232	18,880	23,999	-5,098	.49	34,054	7.22	468	-----
1875.....	35,547	277,873	26,791	33,611	-6,820	.61	77,431	1,965	682	-----
1880.....	42,989	343,888	33,315	36,543	-3,222	.66	100,353	3,404	876	-----
1885.....	51,252	365,261	42,561	50,046	-7,481	.76	117,859	6,840	1,455	-----
1890.....	62,401	427,990	60,882	66,260	-5,401	.97	114,363	13,230	2,220	4,005
1895.....	70,004	456,026	76,983	87,180	-10,230	1.12	156,709	12,006	2,795	5,194
1900.....	76,088	500,989	102,355	107,740	-5,410	1.34	238,921	16,749	3,990	7,130
1905.....	68,131	486,805	152,827	167,399	-14,594	1.82	306,903	47,516	5,751	10,188
1910.....	69,580	447,998	224,120	229,977	-5,857	2.43	547,004	99,743	9,067	14,850
1915.....	56,380	433,334	287,248	298,546	-11,333	2.85	656,139	60,772	11,226	-----
1920.....	52,641	435,342	437,150	454,323	-17,270	4.11	1,332,700	32,000	13,213	-----
1925.....	50,957	464,269	560,591	530,282	-30,745	5.28	1,532,567	52,650	17,387	25,885
1930.....	49,003	503,918	705,484	803,667	-98,216	5.75	1,714,570	72,708	16,260	27,888
1935.....	45,686	514,128	630,705	690,503	-59,808	4.94	1,820,957	30,429	13,610	22,332
1940.....	44,024	541,514	766,949	807,029	-40,784	5.84	2,094,543	21,068	16,381	27,740
1941.....	43,739	550,958	812,828	836,859	-24,118	6.11	2,357,613	16,863	19,381	29,236
1942.....	43,358	550,093	850,817	873,950	-14,139	6.39	3,101,023	14,743	19,402	30,118
1943.....	42,654	545,128	966,227	952,529	+13,692	7.08	4,435,020	17,567	19,124	32,818
1944.....	42,161	549,093	1,112,877	1,008,987	+143,892	8.06	4,571,873	20,981	19,106	34,931
1945.....	41,792	559,903	1,314,240	1,145,002	+169,139	9.41	4,810,300	38,137	20,240	37,912
1946.....	41,751	561,418	1,224,572	1,353,650	-129,082	8.69	4,748,006	38,738	19,180	36,318
1947.....	41,760	609,900	1,290,141	1,504,805	-205,658	9.02	4,199,610	41,533	19,542	37,428
1948.....	41,695	640,329	1,410,971	1,687,759	-276,834	9.62	4,554,944	51,264	20,432	40,280
1949.....	41,607	662,379	1,571,851	2,149,297	-577,471	10.53	4,846,918	41,788	21,047	43,555
1950.....	41,464	668,265	1,677,487	2,222,906	-545,402	11.05	4,568,024	58,978	20,647	45,064

¹ Excluding rural free delivery routes, ocean mail routes, and air-mail routes to foreign countries.

² Audited postal surplus or deficit which is greater or less than excess of receipts or expenditures by the amount of adjusted losses and contingencies.

³ Domestic excludes and international includes foreign countries on domestic basis.

⁴ Continental United States only.

⁵ Postage stamps first issued under act of Mar. 3, 1847, and placed on sale at New York July 1, 1847.

⁶ From Nov. 1, 1864, when money-order system first went into operation, to June 30, 1865.

⁷ From Sept. 1, 1869, to June 30, 1870. International money orders first issued under convention of Oct. 12, 1867.

⁸ Reduced by \$1,747 for repayment of items over 10 years old.

No. 565.—POSTAL SERVICE REVENUES, BY SOURCE: 1920 TO 1950

[In thousands of dollars. For years ending June 30. See headnote, table 564]

ITEM	1920	1925	1930	1935	1940	1945	1949	1950
Total.....	437,150	599,591	705,484	630,795	766,949	1,314,240	1,571,851	1,677,487
Ordinary postal revenue.....	424,406	585,333	680,426	568,358	732,137	1,240,777	1,503,435	1,605,940
Stamps, postal cards, etc.....	379,587	507,572	574,851	473,407	521,763	953,770	856,266	862,813
Second-class postage paid in money (pound rates) ¹	25,100	29,619	28,584	18,431	23,033	25,286	30,797	40,149
Other postage paid in money under permit.....	12,960	39,301	73,545	96,206	176,503	252,318	582,566	675,317
Box rents.....	6,145	7,817	8,539	6,598	7,031	11,033	13,916	14,407
Miscellaneous.....	614	1,024	907	3,710	2,917	4,371	10,860	13,754
Money-order revenues.....	10,314	12,909	17,496	20,424	23,995	46,071	56,705	65,416
Revenue from postal savings.....	2,430	1,340	1,562	12,013	10,817	20,792	11,711	8,131

¹ For volume of this item, see table 569.

Source of tables 564 and 565: Post Office Department, *Annual Report of the Postmaster General*.

No. 566.—POSTAL SERVICE EXPENDITURES, BY OBJECT: 1920 TO 1950

[In thousands of dollars. For years ending June 30. For area covered and for total expenditures, see table 564. Data cover expenditures during specified fiscal year, whether on account of that year or of previous years]

ITEM	1920	1925	1930	1935	1940	1945	1949	1950
Service in post offices (total).....	234, 102	338, 046	429, 571	378, 407	470, 731	721, 871	1,340,780	1, 404, 300
Salaries of postmasters.....	40, 108	47, 562	52, 850	44, 588	40, 238	72, 544	103, 286	109, 100
Salaries of clerks, etc.....	102, 319	153, 336	201, 972	173, 510	222, 778	368, 147	687, 605	728, 800
City delivery service.....	63, 626	95, 161	127, 890	113, 153	145, 355	191, 182	393, 208	406, 018
All other expenditures.....	28, 049	41, 087	46, 860	47, 156	62, 360	89, 098	156, 681	160, 411
Railway Mail Service.....	38, 711	52, 906	61, 888	52, 251	60, 136	86, 288	135, 547	142, 012
Rural Delivery Service.....	75, 794	93, 163	106, 347	90, 519	91, 446	106, 847	152, 773	159, 470
Transportation of domestic mail.....	99, 520	142, 141	176, 084	134, 676	155, 883	219, 347	419, 381	413, 820
By railroads.....	70, 714	90, 720	117, 265	93, 328	101, 890	134, 371	247, 065	222, 905
By other means.....	28, 805	42, 421	59, 720	41, 348	53, 994	84, 975	172, 310	190, 855
Transportation foreign mail.....	5, 912	0, 175	24, 440	36, 806	16, 248	4, 614	90, 998	92, 380
Payment account of invalid money orders.....	284	138	131	232	187	694	844	630
Post Office Department.....		3, 712	4, 268	3, 612	3, 998	5, 441	8, 999	10, 247

¹ Paid out of the General Treasury prior to 1923.

No. 567.—TRANSPORTATION OF DOMESTIC MAILS, BY CLASS OF SERVICE: 1925 TO 1950

[Data as of June 30 or for year ending June 30. See headnote, table 564. Railway mail space units of service vary in size and character and may consist of a car, a section of a car, or a closed pouch carried on a car. Some cars are railway post offices, others are for storage only, about 20 classes of units being distinguished]

CLASS OF SERVICE AND ITEM	1925	1930	1935	1940	1945	1949	1950
Steam railway service: ¹							
Length of routes (miles).....	230, 470	220, 416	199, 016	181, 500	173, 138	165, 363	158, 878
Annual travel (thousand miles).....							
Regular space units.....	579, 256	564, 801	455, 214	455, 836	496, 391	571, 486	552, 555
Priorated to 60-foot car basis.....	226, 305	228, 478	192, 130	220, 113	260, 140	346, 130	341, 085
Annual expenditure (thousand dollars) ²							
Regular authorizations.....	88, 991	103, 970	86, 806	92, 217	114, 614	118, 638	113, 151
Annual cost.....	107, 401	125, 243	90, 670	108, 485	146, 267	223, 863	245, 812
Average rate of cost—							
Per mile of length (dollars).....	386. 12	471. 70	436. 17	508. 09	661. 98	1,128. 66	1, 152. 78
Per unit mile traveled (cents).....	15. 36	18. 41	19. 06	20. 23	23. 09	32. 66	33. 15
Per 60-foot car mile (cents).....	39. 31	45. 70	45. 40	44. 31	44. 01	53. 92	53. 70
Electric railway service:							
Number of routes.....	288	224	135	85	66	38	35
Length of routes (miles).....	8, 042	7, 012	4, 469	2, 690	1, 963	1, 142	1, 040
Annual travel of space units (thousand miles).....	10, 487	9, 829	6, 047	3, 786	3, 140	1, 741	1, 374
Annual rate of obligation (thousand dollars).....	566	671	349	236	224	239	190
Average cost per unit mile traveled (cents).....	5. 39	5. 81	5. 77	6. 24	7. 13	13. 75	13. 81
Power boat service:							
Number of routes.....	284	265	196	175	146	133	125
Length of routes (miles).....	49, 791	40, 130	21, 043	19, 013	8, 701	8, 880	6, 541
Annual travel (thousand miles).....	5, 298	4, 806	2, 860	2, 461	1, 606	1, 324	1, 292
Annual rate of obligation (thousand dollars).....	1, 492	1, 401	1, 085	924	521	826	818
Average cost per mile traveled (cents).....	28. 16	29. 15	37. 95	37. 71	34. 64	62. 35	64. 84
Air mail service:							
Length of routes (miles).....	2, 065	14, 907	28, 884	37, 943	56, 849	155, 814	158, 977
Miles traveled with mail (thousands).....	2, 077	14, 939	31, 149	59, 236	106, 676	331, 240	339, 190
Mail carried (million pound-miles).....	(³)	(⁴)	6, 790	18, 071	122, 909	82, 514	84, 351
Cost of service (thousand dollars).....	2, 744	14, 618	8, 838	19, 426	35, 199	68, 268	64, 596
Average cost per mile (dollars).....	1. 32	0. 98	0. 28	0. 33	0. 21	0. 19	0. 19

¹ Annual expenditure (regular authorizations) represents estimated cost for transporting normal mail traffic over regular routes only, based on contracts outstanding at end of each fiscal year. Annual cost includes emergency and side and transfer service. Average rates based on regular authorizations.

² For expenditures for Railway Mail Service, see table 566.

³ Includes 25 percent interim increase granted participating railroad companies under Railway Mail Pay Case, I. C. C. Docket No. 9200.

⁴ Not computed.

⁵ Subject to revision.

Source of tables 566 and 567: Post Office Department, *Annual Report of the Postmaster General*.

No. 568.—DELIVERY SERVICE—CITY AND RURAL FREE DELIVERY AND STAR-ROUTE SERVICE: 1870 TO 1950

[See headnote, table 564. Free city delivery was instituted in 1863; rural free delivery in 1897. Star routes are mail routes between towns which are let on a contract basis. Star route service in Alaska is not included here; data for 1950 as follows: Number of routes, 28; length, 2,732 miles; annual travel, 258,118 miles; annual rate of obligation, \$104,660]

AS OF JUNE 30—	CITY FREE DELIVERY			RURAL FREE DELIVERY				STAR ROUTES	
	Number of offices	Number of carriers	Annual cost ¹ (1,000 dollars)	Number of routes	Length of routes (miles)	Annual travel (1,000 miles)	Annual cost (1,000 dollars)	Number of routes (regular service)	Annual cost (1,000 dollars)
1870.....	51	1,362	1,231	—	—	—	—	7,205	5,050
1880.....	104	2,028	12,364	—	—	—	—	9,863	7,321
1890.....	454	9,066	17,978	—	—	—	—	15,887	6,821
1895.....	604	12,714	12,145	—	—	—	—	20,733	5,754
1900.....	796	15,322	14,671	1,259	28,085	—	420	22,834	6,088
1905.....	1,144	21,778	20,923	32,110	721,237	—	20,865	17,199	7,342
1910.....	1,492	28,715	31,738	41,079	993,068	303,007	30,015	13,425	6,928
1915.....	1,808	32,902	39,829	43,866	1,076,235	325,305	52,560	11,557	8,713
1920.....	2,086	36,142	62,841	43,445	1,151,832	348,627	75,795	10,739	11,106
1925.....	2,401	46,251	93,567	45,180	1,227,054	370,273	95,131	10,906	12,774
1930.....	3,050	53,762	126,426	43,278	1,334,842	404,738	106,338	11,788	14,281
1935.....	3,111	51,229	107,410	40,013	1,365,712	414,417	93,787	12,590	14,301
1936.....	3,111	48,275	90,947	37,108	1,359,895	412,721	81,637	12,237	12,942
1935.....	3,111	40,084	111,648	34,848	1,355,078	411,361	90,425	11,833	11,357
1936.....	3,134	53,852	126,371	34,118	1,368,083	415,433	92,437	11,603	10,882
1937.....	3,173	54,944	133,908	33,001	1,377,088	418,248	91,799	11,572	10,800
1938.....	3,215	55,713	136,505	33,144	1,387,445	420,107	91,106	11,393	11,035
1939.....	3,236	56,617	139,493	32,839	1,392,657	421,854	91,170	11,462	10,848
1940.....	3,275	58,531	143,760	32,646	1,401,690	424,704	91,441	11,309	10,928
1941.....	3,298	61,085	140,759	32,445	1,411,573	427,756	91,502	11,407	11,265
1942.....	3,347	62,919	156,180	32,292	1,420,971	430,728	91,636	11,400	12,097
1943.....	3,408	58,002	170,879	32,179	1,425,860	432,281	90,513	11,258	14,287
1944.....	3,732	58,046	184,113	32,112	1,428,475	433,120	104,691	11,170	16,009
1945.....	2,834	57,993	190,574	32,106	1,435,059	435,209	103,853	11,201	18,558
1946.....	4,083	65,770	245,406	32,161	1,441,538	437,248	117,403	11,218	20,093
1947.....	4,167	67,733	287,029	32,249	1,449,767	439,760	128,582	11,206	21,700
1948.....	4,270	78,127	308,435	32,412	1,465,198	444,424	131,119	11,324	23,211
1949.....	4,413	86,359	392,848	32,559	1,480,710	449,361	152,704	11,437	30,522
1950.....	4,632	90,189	405,816	32,619	1,493,365	453,260	159,387	11,509	32,446

¹ Represents audited expenditures; in 1880 and 1890, some incidental expense included.

No. 569.—POSTAL SERVICE OPERATION—SUMMARY FOR PRINCIPAL ITEMS: 1925 TO 1950

[For years ending June 30. See headnote, table 564. For sales of postage stamps and other stamped paper and postage collected on second-class matter, see table 565]

ITEM	1925	1930	1935	1940	1945	1949	1950
Transactions in stamped paper:							
Ordinary postage stamps issued (millions).....	17,387	16,269	13,610	16,381	20,240	21,047	20,047
Stamped envelopes (millions).....	2,997	3,164	1,018	1,650	2,065	2,220	2,052
Postal cards issued (millions).....	1,497	1,643	1,754	2,257	2,282	3,469	3,872
Pieces of mail carried ¹ (millions).....	25,836	27,888	22,332	27,749	37,912	43,555	45,064
Second-class matter carried:							
Free in county (1,000 pounds).....	69,195	75,326	57,580	60,026	59,787	80,370	79,937
Paid at pound rates (1,000 pounds).....	1,348,297	1,554,415	1,063,389	1,283,673	1,319,887	2,105,603	2,146,599
Foreign mails dispatched by sea:							
Letters, post cards (1,000 pounds).....	5,640	7,103	4,602	4,231	31,426	5,324	5,283
Other articles (1,000 pounds).....	66,229	83,377	53,056	62,257	474,160	467,848	354,073
Mail registered:							
Domestic, paid (1,000 pieces).....	70,512	76,489	41,318	40,533	281,094	260,562	267,071
International, paid (1,000 pieces).....	10,993	7,869	3,444	2,713	(²)	(³)	(³)
Official, free (1,000 pieces).....	8,414	8,080	10,582	12,082	22,907	17,507	18,084
Registry fees (1,000 dollars).....	8,860	12,807	7,100	6,825	17,706	16,945	18,477
Mail insured:							
Domestic, parcel post (1,000 pieces).....	152,078	125,421	71,990	80,916	131,384	203,006	198,509
International (1,000 pieces).....	603	649	311	380	(³)	(³)	(³)
Total fees paid (1,000 dollars).....	8,061	8,775	5,249	5,702	12,259	10,938	22,028
Mail sent C. O. D.:							
Total pieces sent (1,000).....	52,362	46,249	31,118	34,648	44,146	73,833	63,104
Total fees (1,000 dollars).....	5,562	5,825	4,298	4,748	10,830	19,904	18,905

¹ Continental U. S. only. Data for 1925 are estimates.

² Includes "insured mail treated as registered mail," formerly included with regular insured mailings.

³ Not published.

⁴ Excludes data for international mail included in prior years.

⁵ Not including surcharges (effective July 1, 1932) amounting to \$3,815,000 in 1935, \$2,674,000 in 1940, \$7,371,000 in 1945, \$5,243,000 in 1949, and \$5,092,000 in 1950.

Source of tables 568 and 569: Post Office Department, *Annual Report of the Postmaster General* and records:

No. 570.—POSTAL SERVICE OPERATION—NUMBER OF OFFICES, MILEAGE OF RURAL ROUTES, AND GROSS RECEIPTS, BY STATES AND OTHER AREAS

[Figures for years ending June 30]

DIVISION, STATE, AND OTHER AREA	Number of post offices, 1950	Mileage of rural free-delivery routes, 1950	GROSS POSTAL RECEIPTS (thousands of dollars) ¹					
			1930	1935	1940	1945	1949	1950
Grand total.....	41,464	1,493,365	686,351	595,661	729,780	1,243,674	1,496,166	1,603,628
Continental United States.....	41,009	1,493,154	684,610	591,800	726,172	1,216,094	1,484,588	1,593,127
New England.....	2,280	46,381	51,375	46,111	54,022	77,245	103,285	112,173
Maine.....	671	13,087	3,012	3,588	3,925	5,834	6,391	6,765
New Hampshire.....	335	0,028	2,286	2,216	2,718	3,815	4,874	5,203
Vermont.....	347	8,300	1,703	1,659	1,846	2,406	3,096	3,230
Massachusetts.....	570	8,870	29,027	25,800	29,796	42,120	57,718	63,032
Rhode Island.....	70	1,498	3,297	3,018	3,514	5,970	7,361	7,961
Connecticut.....	287	7,998	10,550	9,740	12,224	17,100	23,846	25,972
Middle Atlantic.....	4,932	120,692	194,927	164,613	195,685	324,915	409,068	437,889
New York.....	1,917	51,841	125,072	102,748	120,888	210,835	257,815	275,433
New Jersey.....	626	9,335	19,768	18,553	23,207	35,122	49,271	53,059
Pennsylvania.....	2,389	59,516	60,087	43,312	51,590	78,993	101,983	109,397
East North Central.....	5,609	317,853	175,748	143,663	180,346	259,051	347,962	372,050
Ohio.....	1,917	11,021	42,088	34,046	41,608	62,071	80,546	86,039
Indiana.....	894	60,852	15,611	13,388	10,810	26,745	33,278	35,755
Illinois.....	1,448	74,742	78,757	62,016	70,257	104,724	147,224	157,303
Michigan.....	1,016	56,734	24,133	20,048	26,870	42,109	56,052	58,635
Wisconsin.....	925	53,604	15,157	13,266	15,740	23,402	31,861	34,318
West North Central.....	6,316	339,318	80,641	66,926	76,171	111,234	145,001	155,302
Minnesota.....	1,034	56,002	17,614	15,089	17,600	24,866	33,538	35,556
Iowa.....	1,103	65,500	13,504	10,932	12,912	18,531	23,729	25,354
Missouri.....	1,458	64,711	28,988	22,748	25,806	37,617	52,202	56,684
North Dakota.....	599	20,420	2,721	2,562	2,747	3,583	4,317	4,576
South Dakota.....	547	25,431	2,750	2,433	2,614	3,686	4,466	4,003
Nebraska.....	666	37,857	7,279	6,217	6,925	10,397	12,854	13,704
Kansas.....	909	60,388	7,785	6,945	7,569	12,633	13,805	14,763
South Atlantic.....	6,988	218,862	52,293	51,213	65,939	124,543	138,400	150,838
Delaware.....	68	3,148	1,233	1,251	1,759	2,674	3,818	3,727
Maryland.....	550	12,546	8,519	7,706	9,435	15,328	18,135	19,877
Dist. of Columbia.....	1	148	6,047	6,307	8,242	18,637	17,225	19,791
Virginia.....	1,080	33,633	7,085	7,888	9,617	18,013	19,412	21,198
West Virginia.....	1,512	13,639	4,611	4,274	5,142	8,725	9,163	9,349
North Carolina.....	1,125	40,438	6,830	7,475	9,407	19,175	21,033	23,247
South Carolina.....	492	20,125	2,174	2,337	2,832	4,897	5,958	6,656
Georgia.....	803	50,237	9,220	8,452	10,630	18,631	21,049	23,812
Florida.....	658	18,048	5,674	5,423	8,875	18,561	21,352	23,242
East South Central.....	4,591	169,906	23,736	21,330	26,881	49,905	54,420	58,411
Kentucky.....	2,178	31,463	6,827	6,161	7,304	12,472	13,865	14,804
Tennessee.....	793	50,928	8,546	7,676	9,796	17,528	20,871	22,629
Alabama.....	809	45,836	5,108	4,524	5,961	11,991	12,232	13,118
Mississippi.....	721	41,070	3,255	2,960	3,820	7,914	7,401	7,860
West South Central.....	4,675	184,324	37,240	33,206	42,066	81,886	90,373	98,003
Arkansas.....	1,087	30,591	3,828	3,265	4,115	7,995	7,971	8,441
Louisiana.....	740	21,540	5,486	5,017	6,084	13,778	13,780	14,781
Oklahoma.....	853	45,692	7,272	6,217	7,375	13,032	13,778	14,720
Texas.....	1,995	86,501	20,654	18,707	24,433	47,080	54,995	60,061
Mountain.....	2,889	39,875	17,276	15,914	19,778	32,171	39,320	41,878
Montana.....	542	7,371	2,446	2,422	2,813	3,682	4,622	4,856
Idaho.....	305	7,890	1,513	1,488	1,878	2,815	3,398	3,597
Wyoming.....	266	1,409	993	992	1,189	1,811	2,217	2,302
Colorado.....	554	15,268	6,819	5,929	7,158	10,701	13,789	14,801
New Mexico.....	454	3,438	1,080	1,162	1,631	2,907	3,471	3,881
Arizona.....	264	2,214	1,532	1,456	1,990	4,228	5,189	5,490
Utah.....	289	2,100	2,347	1,928	2,434	4,591	5,234	5,487
Nevada.....	125	176	537	537	686	1,345	1,400	1,495
Pacific.....	2,729	55,943	51,378	48,823	64,743	155,143	157,118	166,583
Washington.....	985	18,255	8,719	8,026	9,964	21,402	22,232	23,370
Oregon.....	506	12,438	5,436	5,004	6,719	11,152	14,790	15,591
California.....	1,448	25,250	37,223	35,793	48,060	122,589	120,096	127,622
Alaska.....	243	51	104	98	170	413	840	902
Canton Island.....	1	—	—	—	—	—	—	—
Guam.....	1	—	3	3	13	(2)	242	201
Hawaii.....	97	71	774	834	1,480	22,726	4,034	3,955
Puerto Rico.....	107	80	527	568	809	2,489	2,240	2,416
Samoa (Tutuila).....	1	—	(1)	(2)	(2)	(2)	(2)	(2)
Virgin Islands.....	5	—	15	17	36	48	67	75
Philatelic agency.....	—	—	317	2,340	1,101	1,903	4,136	2,892

¹ Revenues from money-order business, postal savings, and certain miscellaneous items not included.
² Less than \$500.

19. Power

(Sent to print April 10, 1952)

Energy for supplying mechanical power, heat, light and refrigeration for the complex machinery and processes necessary to maintain productivity and comfort in the United States is derived primarily from coal, oil, water, natural gas, wood and waste, wind, certain basic chemical and physical reactions, and the rays of the sun. Of these an increasing percentage of the coal, oil, water, and gas are being converted to electric energy for application to the energy requirements of our economic system. In 1950 approximately 23 percent of the coal, 8 percent of the oil, practically all of the water power, and 11 percent of the natural gas were consumed in the production of electric energy.

Statistics on these various sources of energy are compiled by numerous agencies but only a few of the series are reasonably complete or arranged to avoid duplication in a manner that permits ready computation of total energy requirements. Oil, coal, natural gas, and wood yield many products as well as power and, consequently, enter into many statistical series.

Data on coal, oil, and natural gas production, utilization, and related subjects are compiled annually by the Bureau of Mines and are published in the *Minerals Yearbook*. For summaries of statistical material from this source, see section 28, Mining and Mineral Products. Data on natural gas utilization and the production of manufactured gas from coal, oil, and related products, its utilization, and related statistics are published by the American Gas Association in its monthly bulletins and annual statistical numbers. Annual summary data are included in this section.

Data on the production of electric energy by type of prime mover and showing the quantities of basic fuels—coal, oil, natural gas, and others—used in production, and the capacity of all generating plants by type of prime mover and related statistics are compiled and published annually by the Federal Power Commission. These data cover both generation for public use by electric utilities and for use by the producer where generated by non-utility establishments. Data on sales, revenues, and customers by classes of service, on rates and typical bills, and related matters are also published by the Commission. Monthly statistics on production, fuels used in production, sales by classes of service, salaries and wages, taxes, and other costs are also published and distributed by the Federal Power Commission in a loose-leaf current data series known as *Electric Power Statistics*. Statistics on the distribution of electric energy by utilities for public use are presented monthly and annually by the Edison Electric Institute in its *Statistical Bulletins*. Summaries of these statistics appear in the following tables.

Data on the use of power by manufacturing, extracting, and related industries are issued from time to time by the Bureau of the Census in its Censuses of Manufactures and Mineral Industries. Statistics based on these studies appear in the sections on manufacturing and mineral industries in this *Abstract*. For the period 1939 to 1946, data on the use of electric power by major industry groups were compiled and published by the Federal Power Commission in a report on Industrial Electric Energy. This series has been discontinued, however, with 1946 the latest data available.

Over-all statistics on water as an actual and potential source of power are compiled by the Federal Power Commission and are shown in table 588.

The Bureau of the Census in the Census of Electrical Industries compiled at five-year intervals beginning in 1902 a report on the Electric Light and Power Industry. The last survey made was for the year 1937. Summary statistics from this report are shown in table 576.

Historical statistics.—See preface and historical appendix. Tabular headnotes (as "See also *Historical Statistics*, series G 159-170") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*.

Data in this section relate to continental United States except as indicated.

No. 571.—ENERGY FROM MINERAL FUELS AND WATER POWER—ANNUAL SUPPLY: 1889 TO 1950

[In trillions of British thermal units. 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, 1,075 B. t. u. per cubic foot. 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 and of 40 percent for public utilities. See also *Historical Statistics*, series G 159-170]

YEAR	Total energy	Water power ¹	MINERAL FUELS							
			Total	Coal			Petroleum and natural gas			
				Total	Pennsylvania anthracite	Bituminous and lignite	Total	Petroleum (total crude)		Natural gas (marketed production)
								Domestic production	Imports	
1889	(²)	(²)	4,136	3,604	1,157	2,507	472	204	-----	3,268
1899	7,409	238	7,171	6,600	1,535	5,065	571	331	-----	3,240
1900	7,893	250	7,643	7,020	1,457	5,563	623	369	-----	3,254
1901-05 avg	10,075	323	9,753	8,838	1,608	7,140	915	592	-----	3,323
1906-10 avg	13,793	477	13,317	11,844	2,001	9,783	1,473	1,002	1	470
1911-15 avg	16,530	611	15,919	13,794	2,207	11,527	2,125	1,437	70	619
1916-20 avg	20,258	708	19,548	16,337	2,356	13,981	3,211	2,103	287	820
1921-25 avg	20,568	653	19,915	14,582	1,972	12,610	5,333	3,758	550	1,024
1926-30 avg	23,075	785	22,890	15,541	1,946	13,595	7,350	5,195	394	1,760
1931-35 avg	18,494	719	17,775	10,571	1,363	9,207	7,205	5,158	222	1,824
1936-40 avg	23,071	853	22,218	12,243	1,298	10,945	9,975	7,205	188	2,582
1941-45 avg	30,628	1,232	29,396	16,617	1,503	15,114	12,779	8,916	227	3,636
1945	32,552	1,442	31,110	16,529	1,395	15,134	14,581	9,939	429	4,213
1946	31,839	1,406	30,433	15,526	1,537	13,989	14,907	10,057	517	4,333
1947	35,674	1,426	34,248	17,975	1,453	16,522	16,273	10,771	576	4,926
1948	36,636	1,481	35,155	17,158	1,451	15,707	17,997	11,717	746	5,534
1949 (prol.)	31,503	1,539	29,964	12,557	1,085	11,472	17,407	10,683	897	5,327
1950 (prol.)	35,413	1,573	33,840	14,647	1,120	13,527	19,193	11,438	1,002	6,755

¹ Assuming average central-station practice for each year; declined from about 7.05 pounds of coal per kilowatt-hour in 1899 to 1.19 pounds in 1950.

² Not available. ³ Based on amount of coal displaced by gas, as estimated by gas companies.

Source: Department of Interior, Bureau of Mines; *Minerals Yearbook*. Preliminary data published in annual report, *Bituminous Coal and Lignite*.

No. 572.—ELECTRIC UTILITIES—NUMBER OF ELECTRIC UTILITY SUPPLY SYSTEMS AND GENERATING PLANTS, BY CLASS OF OWNERSHIP: 1922 TO 1950

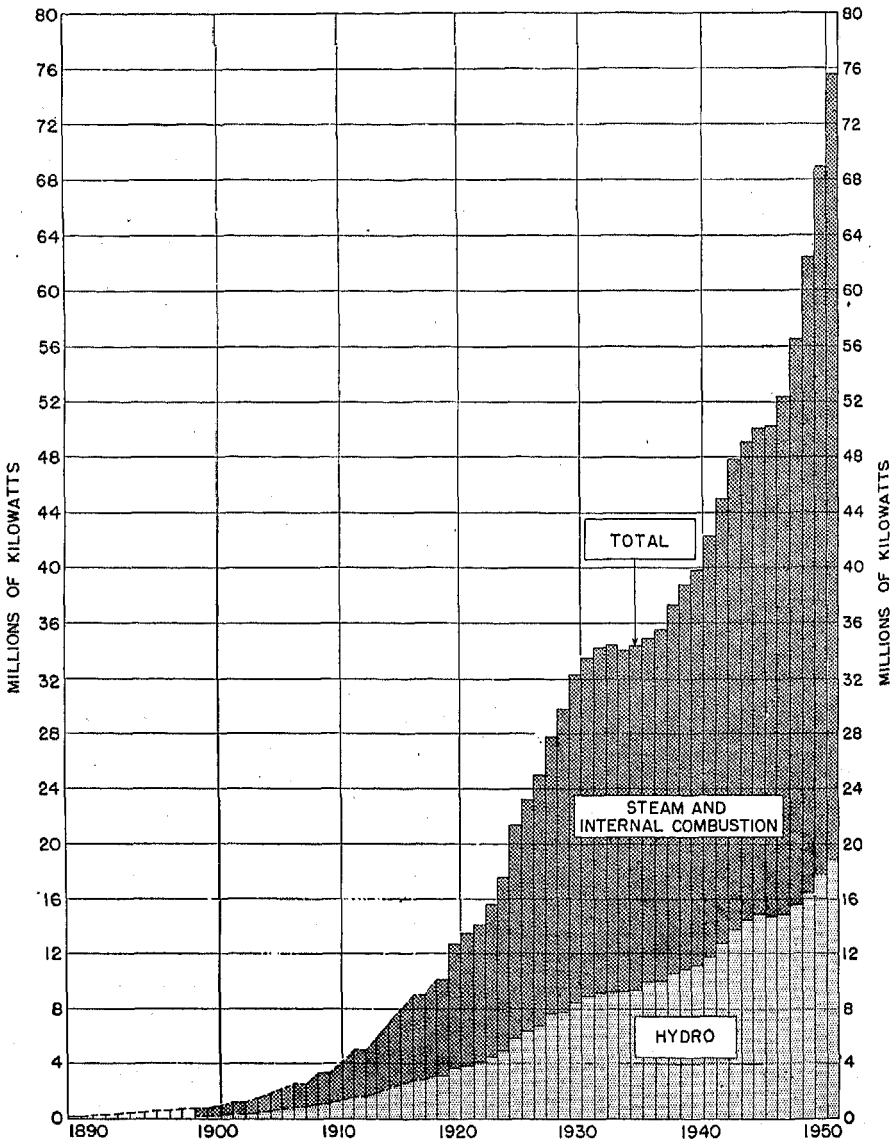
[Duplications of establishments operating in two or more States have been eliminated. Each type of prime mover in combination generating plants counted separately; nonutility generating plants, approximately 4,500 in 1949, producing primarily for industrial use, are not included]

DEC. 31	Total, all classes	Privately owned	PUBLICLY OWNED				
			Total	Municipal	Federal	Public utility districts and State projects	Cooperatives
1922: Total electric supply systems.....	6,355	3,774	2,581	2,581	-----	-----	-----
Systems with generating plants.....	4,389	2,650	1,739	1,739	-----	-----	-----
Number of generating plants.....	5,444	3,615	1,829	1,829	-----	-----	-----
1932: Total electric supply systems.....	3,429	1,627	1,802	1,799	3	-----	-----
Systems with generating plants.....	1,788	923	865	862	3	-----	-----
Number of generating plants.....	4,339	3,244	1,095	1,085	10	-----	-----
1937: Total electric supply systems.....	3,501	1,407	2,094	1,877	25	11	181
Systems with generating plants.....	1,812	818	994	955	17	6	16
Number of generating plants.....	4,027	2,916	1,111	1,014	27	43	27
1945: Total electric supply systems.....	4,051	1,060	2,991	2,092	74	26	800
Systems with generating plants.....	1,694	492	1,102	990	18	11	83
Number of generating plants.....	3,886	2,400	1,486	1,167	86	101	142
1947: Total electric supply systems.....	3,885	858	3,027	2,067	72	34	854
Systems with generating plants.....	1,559	440	1,119	993	19	14	93
Number of generating plants.....	3,865	2,353	1,512	1,166	84	109	153
1948: Total electric supply systems.....	3,950	776	3,174	2,173	75	37	889
Systems with generating plants.....	1,522	419	1,103	973	19	14	97
Number of generating plants.....	3,879	2,376	1,503	1,146	86	111	160
1949: Total electric supply systems.....	3,944	815	3,129	2,074	61	81	913
Systems with generating plants.....	1,507	408	1,099	955	14	38	82
Number of generating plants.....	3,888	2,371	1,517	1,146	79	140	152
1950: Total electric supply systems.....	4,007	821	3,186	2,077	55	91	963
Systems with generating plants.....	1,495	393	1,102	955	13	42	92
Number of generating plants.....	3,867	2,334	1,533	1,136	83	148	166

Source: Federal Power Commission; annual report, *Production of Electric Energy and Capacity of Generating Plants*, and related data.

FIG. XXIII.—INSTALLED CAPACITY OF ELECTRIC UTILITY GENERATING PLANTS
IN THE UNITED STATES: 1889 TO 1951

[See table 573]



Source: Federal Power Commission.

No. 573.—PRODUCTION OF ELECTRIC ENERGY AND NUMBER AND CAPACITY OF GENERATING PLANTS, BY CLASS OF OWNERSHIP AND TYPE OF PRIME MOVER: 1925 to 1950

[Installed capacity as of Dec. 31. Industrial series first available for 1930; detail by type of prime mover for 1943. See also *Historical Statistics*, series G 171-190 and G 200-224]

ITEM	1925	1930	1935	1940	1945	1948	1949	1950
CLASS OF OWNERSHIP								
Production, total (millions of kilowatt-hours).....				179,907	271,255	336,809	345,068	388,674
Electric utilities (for public use), total.....	61,451	91,112	95,287	141,837	222,486	282,698	291,100	329,141
Privately owned.....	58,685	86,108	89,330	125,411	180,926	228,231	233,112	266,860
Publicly owned.....	2,766	5,003	5,958	16,420	41,560	54,467	57,988	62,281
Municipal.....	2,302	3,604	4,229	6,188	9,624	13,123	13,410	15,244
Federal.....	103	465	555	8,584	28,001	35,373	38,102	40,388
Cooperatives, power districts, State projects.....	172	518	732	1,175	3,146	5,134	5,643	5,793
Noncentral stations.....	189	416	442	479	700	838	832	867
Industrial plants ¹				38,070	48,769	54,110	53,967	59,533
Installed capacity, total (thousands of kilowatts).....				50,062	62,868	69,615	76,570	82,860
Electric utilities (for public use), total.....	21,472	32,384	34,436	39,927	50,111	56,560	63,100	68,919
Privately owned.....	20,045	30,285	31,820	34,399	40,307	45,381	50,484	55,176
Publicly owned.....	1,427	2,099	2,615	5,528	9,804	11,179	12,616	13,743
Municipal.....	1,125	1,601	2,002	2,977	3,586	4,105	4,727	4,970
Federal.....	198	226	300	1,944	5,081	5,525	6,210	6,921
Cooperatives, power districts, State projects.....	49	154	175	435	891	1,293	1,417	1,538
Noncentral stations.....	56	118	139	173	245	256	263	314
Industrial plants ¹				11,035	12,757	13,055	13,470	13,931
TYPE OF PRIME MOVER								
Electric utilities (for public use):								
Number of plants, total ²	3,738	4,043	4,023	3,018	3,886	3,879	3,888	3,867
Hydro.....	1,260	1,446	1,476	1,474	1,505	1,467	1,465	1,468
Steam.....	2,004	1,626	1,424	1,163	1,057	1,045	1,054	1,051
Internal combustion.....	484	971	1,123	1,291	1,324	1,367	1,369	1,368
Production, total (millions of kilowatt-hours).....	61,451	91,112	95,287	141,837	222,486	282,698	291,100	329,141
Hydro.....	21,798	31,190	38,872	47,321	79,970	82,470	89,748	95,938
Steam.....	39,307	59,293	56,144	93,002	140,435	196,828	197,878	229,543
Internal combustion.....	286	629	771	1,514	2,081	3,300	3,473	3,660
Hydro as percent of total.....	35.5	34.2	40.3	33.4	35.9	29.2	30.8	29.1
Installed capacity, total (thousands of kilowatts).....	21,472	32,384	34,436	39,927	50,111	56,560	63,100	68,919
Hydro.....	5,922	8,535	9,399	11,224	14,912	15,652	16,654	17,075
Steam.....	15,368	23,386	24,471	27,775	34,113	39,304	44,640	49,333
Internal combustion.....	182	414	566	928	1,087	1,604	1,806	1,911
Hydro as percent of total.....	27.6	26.5	27.3	28.1	29.8	27.7	26.4	25.6
Production per kilowatt of installed capacity (kilowatt-hours) ³	2,862	2,818	2,767	3,552	4,440	4,998	4,613	4,776
Industrial plants:¹								
Production, total (millions of kilowatt-hours).....				38,070	48,769	54,110	53,967	59,533
Hydro.....					4,777	4,522	5,025	4,946
Fuel.....					43,992	49,588	48,942	54,587
Hydro as percent of total.....					9.8	8.4	9.3	8.3
Installed capacity, total (thousands of kilowatts).....				11,035	12,757	13,055	13,470	13,931
Hydro.....					980	983	1,008	1,000
Steam.....					11,135	11,447	11,831	12,162
Internal combustion.....					641	625	630	770
Hydro as percent of total.....					7.7	7.5	7.5	7.2

¹ Industrial classification comprises production and capacity of 3,469 industrial electric power plants of 100 kilowatts and over in 1950, including amounts for stationary electric power plants of railroads and railways.

² Each prime mover type in combination plants counted separately.

³ Based on capacity in service at end of year.

Source: Federal Power Commission; annual report, *Production of Electric Energy and Capacity of Generating Plants*, and industrial electric power summaries.

No. 574.—GENERATING PLANTS—INSTALLED CAPACITY OF ELECTRIC UTILITIES AND INDUSTRIAL PLANTS, BY TYPE OF PRIME MOVER AND BY CLASS OF OWNERSHIP, BY STATES: 1950

[Thousands of kilowatts]

DIVISION AND STATE	Total	TYPE OF PRIME MOVER				ELECTRIC UTILITIES				Industrial plants
		Electric utilities and industrial		Electric utilities		Total	Privately owned	Publicly owned		
		Fuel	Hydro	Fuel	Hydro			Municipal	Other	
United States.....	82,850	64,176	18,675	51,244	17,675	68,919	55,176	4,970	8,773	13,931
New England.....	5,368	4,069	1,239	3,081	971	4,052	3,913	114	25	1,256
Maine.....	653	262	391	145	270	415	412	2	1	238
New Hampshire.....	488	176	312	136	262	398	396	2	—	90
Vermont.....	233	41	192	27	177	204	190	13	1	20
Massachusetts.....	2,251	2,028	223	1,485	168	1,653	1,568	75	9	598
Rhode Island.....	439	427	11	356	3	359	353	—	7	80
Connecticut.....	1,243	1,136	107	933	89	1,022	994	21	8	221
Middle Atlantic.....	16,218	14,540	1,678	11,625	1,602	13,225	13,026	170	29	2,993
New York.....	7,401	6,176	1,225	5,102	1,155	6,257	6,154	85	17	1,144
New Jersey.....	2,546	2,537	9	2,046	6	2,053	2,022	28	3	463
Pennsylvania.....	6,272	5,827	444	4,474	441	4,916	4,850	57	9	1,356
East North Central.....	19,680	18,779	901	15,254	828	16,083	14,658	1,155	270	3,597
Ohio.....	5,898	5,383	16	4,418	12	4,430	4,084	333	13	968
Indiana.....	2,701	2,604	37	2,105	37	2,142	1,851	291	1	559
Illinois.....	5,178	5,124	54	4,457	48	4,506	4,291	170	44	672
Michigan.....	4,517	3,913	399	2,838	384	3,222	2,805	260	156	1,095
Wisconsin.....	2,086	1,089	396	1,436	347	1,783	1,027	101	55	308
West North Central.....	5,622	4,993	629	4,447	577	5,024	3,424	1,037	564	598
Minnesota.....	1,377	1,196	181	1,013	138	1,151	880	231	40	226
Iowa.....	1,208	1,161	137	1,036	137	1,173	945	180	47	125
Missouri.....	1,089	939	151	808	151	958	783	175	1	131
North Dakota.....	191	191	—	187	—	187	151	10	26	4
South Dakota.....	192	181	11	166	3	169	132	34	3	23
Nebraska.....	586	443	142	430	142	572	1	140	431	14
Kansas.....	889	882	6	807	6	814	532	267	15	75
South Atlantic.....	11,117	8,350	2,767	6,560	2,297	8,857	7,882	431	544	2,260
Delaware.....	73	72	1	28	—	28	17	11	—	45
Maryland.....	1,304	1,032	272	828	271	1,099	1,003	28	8	205
Dist. of Columbia.....	525	522	3	505	3	508	505	—	3	17
Virginia.....	1,066	1,469	207	1,021	183	1,204	1,146	35	23	462
West Virginia.....	1,790	1,588	208	1,155	101	1,256	1,256	(1)	(1)	540
North Carolina.....	2,244	1,283	962	1,098	662	1,760	1,445	99	217	484
South Carolina.....	1,084	406	679	195	653	847	674	7	167	237
Georgia.....	1,295	871	425	744	412	1,156	1,038	13	105	130
Florida.....	1,130	1,117	13	986	13	999	740	238	21	131
East South Central.....	4,956	2,227	2,729	1,743	2,721	4,464	1,834	106	2,524	492
Kentucky.....	948	677	271	633	271	904	668	37	170	44
Tennessee.....	1,812	574	1,238	432	1,238	1,670	132	25	1,512	142
Alabama.....	1,930	710	1,220	478	1,212	1,600	850	1	830	240
Mississippi.....	266	266	—	200	—	200	154	43	3	66
West South Central.....	6,193	5,727	466	4,254	463	4,717	3,800	420	496	1,476
Arkansas.....	624	476	148	305	145	450	332	30	79	174
Louisiana.....	1,258	1,258	—	909	—	909	811	70	28	349
Oklahoma.....	772	698	74	640	74	723	555	70	98	49
Texas.....	3,540	3,295	245	2,391	245	2,636	2,103	241	292	904
Mountain.....	4,097	1,811	2,286	1,163	2,282	3,445	1,885	148	1,412	652
Montana.....	455	28	427	16	426	442	388	—	54	13
Idaho.....	472	31	441	5	440	445	394	14	37	27
Wyoming.....	208	129	70	60	79	139	50	2	78	60
Colorado.....	558	466	92	373	91	464	363	72	29	94
New Mexico.....	335	310	25	256	25	281	225	20	35	54
Arizona.....	1,044	503	541	302	541	843	246	3	504	201
Utah.....	401	307	94	141	94	235	195	36	4	166
Nevada.....	624	36	587	0	586	596	14	1	581	28
Pacific.....	9,660	3,680	5,979	3,120	5,933	9,054	4,753	1,390	2,910	606
Washington.....	3,016	425	2,591	201	2,564	2,765	586	493	1,686	251
Oregon.....	1,113	530	783	207	766	973	401	52	520	140
California.....	5,530	2,924	2,606	2,712	2,604	5,316	3,766	845	705	214

¹ Less than 500.

Source: Federal Power Commission; based on annual report, *Production of Electric Energy and Capacity of Generating Plants*, 1950.

No. 575.—ELECTRIC ENERGY—PRODUCTION BY ELECTRIC UTILITIES AND INDUSTRIAL PLANTS, BY TYPE OF PRIME MOVER AND BY CLASS OF OWNERSHIP, BY STATES: 1950

(Millions of kilowatt-hours)

DIVISION AND STATE	Total	TYPE OF PRIME MOVER				ELECTRIC UTILITIES				Industrial plants
		Electric utilities and industrial		Electric utilities		Total	Privately owned	Publicly owned		
		Fuel	Hydro	Fuel	Hydro			Municipal	Other	
United States	388,674	287,790	100,884	233,203	95,938	329,141	266,860	15,244	47,037	59,533
New England	19,656	14,900	4,755	12,535	3,676	16,211	15,837	313	61	3,445
Maine	2,684	815	1,870	401	1,280	1,680	1,697	10	3	1,004
New Hampshire	1,669	632	1,027	527	802	1,329	1,322	6	—	330
Vermont	817	45	772	28	707	735	694	41	(6)	82
Massachusetts	7,825	7,066	759	5,072	610	6,588	6,363	205	19	1,237
Rhode Island	1,808	1,794	14	1,651	5	1,656	1,633	—	23	152
Connecticut	4,862	4,548	314	3,650	297	4,223	4,150	51	15	630
Middle Atlantic	74,510	64,171	10,340	53,384	9,988	63,372	62,784	464	124	11,138
New York	32,979	24,888	8,000	21,688	7,763	29,452	29,110	240	102	3,527
New Jersey	11,597	11,535	30	9,897	23	9,921	9,836	78	8	1,046
Pennsylvania	20,965	27,748	2,218	21,799	2,201	24,000	23,838	147	15	5,905
East North Central	96,687	86,952	3,735	71,986	3,363	75,349	71,116	3,384	849	15,338
Ohio	26,639	26,594	44	21,937	29	21,907	20,933	1,007	26	4,072
Indiana	12,972	12,804	103	10,206	168	10,374	9,612	761	1	2,598
Illinois	23,084	22,880	204	20,505	181	20,686	20,063	403	130	2,398
Michigan	19,713	18,001	1,713	13,658	1,658	15,316	14,073	820	423	4,397
Wisconsin	8,278	8,072	1,006	6,679	1,327	7,006	6,436	302	268	1,272
West North Central	21,580	18,429	3,151	16,360	2,877	19,237	14,547	2,616	2,074	2,343
Minnesota	5,346	4,350	991	3,804	745	4,549	3,806	644	109	737
Iowa	5,037	4,270	767	3,661	707	4,428	3,885	416	127	600
Missouri	4,171	3,417	754	2,904	754	3,718	3,277	441	1	453
North Dakota	670	670	—	660	—	660	555	31	73	10
South Dakota	611	573	38	524	11	536	439	93	3	75
Nebraska	2,038	1,403	575	1,438	573	2,011	1	291	1,720	27
Kansas	3,707	3,081	26	3,309	20	3,335	2,493	801	41	372
South Atlantic	55,053	43,214	11,839	34,325	9,279	43,604	39,998	1,331	2,375	11,449
Delaware	164	164	—	20	—	20	5	15	—	144
Maryland	6,373	4,073	1,700	3,344	1,696	5,040	4,971	50	13	1,333
Dist. of Columbia	1,097	1,089	8	1,664	5	1,669	1,664	—	5	28
Virginia	8,224	7,437	787	5,540	693	6,233	6,000	106	66	1,991
West Virginia	10,730	9,552	1,186	7,292	520	7,821	7,820	1	—	2,018
North Carolina	12,336	7,645	4,690	6,782	3,046	9,829	8,185	240	1,398	2,507
South Carolina	3,022	1,956	1,007	1,038	1,873	2,910	2,257	7	646	1,012
Georgia	5,988	4,515	1,473	3,827	1,408	5,235	5,002	39	193	753
Florida	5,010	5,581	20	4,818	20	4,847	3,934	850	53	763
East South Central	27,113	11,474	15,639	8,992	15,614	24,606	9,895	267	14,444	2,507
Kentucky	4,501	2,873	1,628	2,762	1,023	4,390	3,045	122	1,223	111
Tennessee	10,079	2,744	7,335	2,644	7,335	9,379	823	50	8,505	700
Alabama	10,966	4,290	6,676	2,625	6,651	9,577	4,862	—	4,715	1,350
Mississippi	1,568	1,568	—	1,260	—	1,260	1,166	95	—	306
West South Central	30,814	29,425	1,389	21,135	1,380	22,515	19,412	1,495	1,608	8,299
Arkansas	3,033	2,595	439	1,546	430	1,975	1,607	82	286	1,058
Louisiana	6,930	6,030	—	4,036	—	4,036	4,067	225	54	2,003
Oklahoma	3,158	2,805	355	2,573	355	2,927	2,388	158	381	232
Texas	17,682	17,087	595	12,081	595	12,676	10,769	1,030	887	5,000
Mountain	19,166	6,761	12,405	4,106	12,391	16,497	9,199	440	6,867	2,669
Montana	3,160	53	3,107	29	3,107	3,130	2,800	—	336	24
Idaho	2,693	52	2,541	3	2,535	2,538	2,278	65	195	65
Wyoming	2,749	374	375	220	375	595	220	1	368	154
Colorado	2,231	1,000	321	1,541	314	1,856	1,558	211	87	375
New Mexico	1,249	1,190	59	955	59	1,014	887	45	82	235
Arizona	4,336	1,087	2,349	1,140	2,340	3,489	851	7	2,631	847
Utah	1,540	1,088	451	207	451	659	532	110	17	381
Nevada	3,308	107	3,201	10	3,200	3,210	58	1	3,151	98
Pacific	50,096	12,463	37,633	10,380	37,371	47,751	24,181	4,934	18,636	2,345
Washington	18,339	879	17,461	125	17,245	17,371	3,576	2,162	11,642	968
Oregon	6,020	656	5,363	227	5,317	5,645	1,617	183	3,745	475
California	25,738	10,929	14,810	10,027	14,809	24,836	18,938	2,598	3,249	902

¹ Less than 500,000.

Source: Federal Power Commission; based on annual report, *Production of Electric Energy and Capacity of Generating Plants, 1950*.

No. 576.—ELECTRIC LIGHT AND POWER INDUSTRY—SUMMARY: 1902 TO 1937

[Figures cover all establishments engaged either in generation and distribution of electric energy, or distribution or transmission of electric energy, to public or private consumers. Excludes establishments which consume all current generated, such as manufacturing and mining companies, railroads, railways, hotels, and other enterprises not in nature of public utilities, unless a portion of generated output was sold commercially. Plants operated by Federal Government or by States excluded unless energy sold commercially.]

ITEM	1902	1912	1917	1922	1927	1932	1937
Number of reporting establishments, ¹ total.....	3, 620	5, 221	6, 542	6, 355	4, 335	3, 420	3, 501
Generating all or part of current.....	(2)	4, 646	5, 124	4, 389	2, 331	1, 788	1, 812
Distributing or transmitting only.....	(2)	575	1, 418	1, 966	2, 004	1, 641	1, 680
Number of separate generating stations.....	(2)	(2)	5, 952	5, 444	4, 801	4, 330	4, 027
Prime movers, hp. (thousands).....	1, 845	7, 530	12, 937	19, 851	35, 710	47, 967	50, 220
Steam engines.....		1, 895	1, 702	1, 371	994	649	712
Steam turbines.....	1, 394	3, 054	6, 747	12, 355	24, 323	32, 904	33, 177
Internal-combustion engines.....	12	111	210	303	548	881	1, 101
Hydroturbines and water wheels.....	439	2, 460	4, 277	5, 822	9, 844	13, 632	15, 230
Generators, rated kilowatt capacity (thousands).....	1, 212	5, 165	8, 004	14, 313	25, 811	34, 623	36, 481
Output, ⁴ kilowatt-hours (millions).....		14, 183	31, 044	50, 274	96, 829	111, 716	168, 300
Reported as generated.....	2, 507	11, 569	25, 438	40, 292	74, 686	79, 657	121, 097
Reported as purchased or received from other sources.....	(1)	2, 614	5, 006	9, 983	22, 142	32, 058	47, 202
Number of customers (thousands).....	(2)	3, 338	7, 179	12, 710	21, 790	28, 862	27, 210
Revenue from elec. service (\$1,000).....	\$4, 187	\$287, 139	\$502, 000	\$1, 020, 439	\$1, 802, 055	\$1, 975, 304	\$2, 355, 513
Sales, kilowatt-hours (millions).....	(2)	(2)	25, 782	41, 965	79, 011	88, 265	132, 930
Distribution for other purposes (non-revenue), kilowatt-hours (millions).....	(2)	(2)	(2)	(2)	17, 817	23, 451	35, 370
Operating expenses, (\$1,000).....	(2)	(2)	(2)	553, 068	775, 484	803, 100	1, 042, 193
Value of electric utility plant (\$1,000,000).....	505	2, 176	3, 060	4, 465	9, 207	12, 064	12, 941
Employees, number.....	30, 326	79, 335	105, 541	150, 762	251, 020	244, 673	281, 335
Salaries and wages (\$1,000).....	20, 647	61, 162	95, 242	212, 433	337, 632	323, 880	470, 353

¹ The term "establishment" as here used may represent a single electric station (either generating or distributing or both) or a number of such stations operated under the same ownership. ² Not available.

³ Comprises 1,112 stations operated by steam; 1,283 by internal-combustion; 1,426 by water; and 206 composite (stations having more than 1 type of prime mover).

⁴ Comprises generated output and energy purchased and received from other sources. Since the energy "Received from other sources" was, in a large part, purchased from other electric light and power companies, a considerable duplication is involved, as such energy would also be included in the "Generated."

⁵ Includes "Estimated value of free service."

⁶ Includes cost of fuel purchased and interchanged power, maintenance and other operating expenses.

⁷ Reported by commercial establishments only. No data for municipal establishments.

⁸ Includes value of plant and equipment, \$902,000,000, owned by companies engaged in the operation of electric light and power plants and other public utilities, not distributed among the several utilities.

⁹ Not comparable with other years; includes only salaries and wages chargeable to electric operating service.

Source: Department of Commerce, Bureau of the Census; Census of Electrical Industries, report on Electric Light and Power Industry. Survey discontinued.

No. 577.—ELECTRIC LIGHT AND POWER INDUSTRY—ENERGY GENERATED, SALES, REVENUE, AND CUSTOMERS: 1930 TO 1951

[Figures for energy generated obtained by Edison Electric Institute from Federal Power Commission. Figures for sales, revenue, and customers for 1930 and 1935 not strictly comparable with those for 1940 and subsequent years due to change in classification of sales. See also *Historical Statistics*, series G 225-233.]

CLASS	1930 ¹	1935 ¹	1940	1945	1950	1951
Energy generated.....million kilowatt-hours.....	91, 112	95, 287	141, 837	222, 486	320, 141	370, 234
Sales to ultimate customers.....do.....	74, 906	77, 596	118, 643	193, 558	280, 539	318, 168
Residential or domestic.....	11, 018	13, 978	23, 318	34, 184	67, 030	77, 024
Rural (distinct rural rates) ²	1, 473	1, 211	1, 991	3, 668	7, 400	8, 479
Commercial and industrial:						
Small light and power.....	13, 944	13, 588	22, 373	30, 438	50, 440	57, 278
Large light and power.....	40, 148	40, 805	50, 557	107, 409	139, 055	157, 827
All other.....	8, 323	7, 955	11, 405	17, 777	16, 598	17, 500
Revenue from ultimate customers.....\$1,000.....	1, 990, 955	1, 911, 989	2, 440, 218	3, 341, 518	5, 086, 465	5, 647, 672
Residential or domestic.....	684, 441	700, 358	895, 951	1, 167, 356	1, 931, 096	2, 165, 010
Rural (distinct rural rates) ³	24, 524	21, 572	40, 473	90, 345	167, 611	175, 431
Commercial and industrial:						
Small light and power.....	575, 598	619, 213	689, 253	850, 213	1, 333, 755	1, 462, 202
Large light and power.....	566, 488	631, 107	631, 428	1, 001, 957	1, 404, 980	1, 571, 932
All other.....	159, 924	139, 739	174, 112	231, 647	258, 423	273, 037
Ultimate customers, Dec. 31.....thousands.....	24, 556	25, 813	30, 191	34, 031	44, 986	46, 822
Residential or domestic.....	20, 332	21, 019	24, 952	28, 117	37, 533	39, 225
Rural (distinct rural rates) ³	199	216	686	1, 234	1, 506	1, 650
Commercial and industrial:						
Small light and power.....	3, 626	3, 711	4, 260	4, 398	5, 406	5, 528
Large light and power.....	347	305	178	162	235	247
All other.....	53	62	115	119	156	163

¹ See headnote. ² Prior to 1940 covers residential and eastern farms. ³ Prior to 1940 covers western farms.

Source: Edison Electric Institute, New York, N. Y.; annual statistical bulletin.

No. 578.—ELECTRIC UTILITIES—BALANCE SHEET AND INCOME ACCOUNT OF PRIVATELY OWNED CLASSES A AND B COMPANIES: 1937 TO 1950

[In thousands of dollars. For years ending Dec. 31. Data cover reports of all companies having annual electric revenues in excess of \$250,000. These concerns represent approximately 98 percent of the total privately owned electric utility industry]

ITEM	1937	1940	1945	1948	1949	1950
COMPOSITE BALANCE SHEET						
Assets and other debits, total	15,378,135	15,579,209	14,568,323	17,346,923	19,001,350	20,589,713
Electric utility plant	9,614,616	10,447,232	12,175,080	15,214,570	17,163,780	18,805,892
Other utility plant	1,512,880	1,650,004	1,823,014	2,062,065	2,282,013	2,450,725
Unclassified utility plant	2,724,087	2,309,061	490,882	479,939	181,499	184,381
Total utility plant	13,851,583	14,406,297	14,490,782	17,756,583	19,627,292	21,440,988
Reserve for depreciation and amortization	1,496,260	1,912,974	3,064,919	3,859,085	4,060,111	4,385,260
Total utility plant less reserves	12,355,323	12,494,013	11,425,863	13,897,498	15,568,181	17,055,728
Utility plant adjustments	(1)	(1)	(1)	21,079	505	2,055
Investment and fund accounts	1,462,433	1,380,403	1,059,443	2,154,562	2,272,434	2,234,027
Current and accrued assets	959,078	1,122,002	1,095,721	1,885,206	1,898,088	2,068,124
Other assets	600,293	581,801	367,206	308,678	271,452	238,879
Liabilities and other credits, total	15,378,135	15,579,209	14,568,323	17,346,923	19,001,350	20,589,713
Common capital stock	4,306,304	4,392,601	3,879,314	4,225,670	4,623,226	5,046,117
Preferred capital stock	2,125,431	2,078,219	2,071,133	2,178,701	2,392,487	2,574,886
Premiums assessments, etc.	90,590	100,032	111,815	185,712	239,958	322,908
Total capital stock	6,522,325	6,570,852	6,062,262	6,690,083	7,255,671	7,943,911
Capital surplus	223,908	256,890	239,439	375,182	355,351	323,508
Earned surplus	802,281	860,351	766,522	1,035,741	1,197,125	1,345,981
Long-term debt	6,850,195	6,805,490	6,141,453	7,718,069	8,572,086	9,188,616
Current and accrued liabilities	692,384	692,038	904,830	1,850,690	1,358,533	1,527,186
Other liabilities	280,892	303,609	394,817	267,558	262,584	200,511
COMPOSITE INCOME ACCOUNT						
Electric utility operating income:						
Operating revenues	2,157,277	2,403,712	3,171,457	4,167,285	4,381,849	4,783,860
Operating expenses	928,629	1,013,180	1,453,615	2,327,226	2,319,026	2,454,904
Depreciation and amortization	212,865	250,396	315,858	358,832	335,418	434,434
Taxes	305,427	397,400	630,096	702,054	786,449	838,827
Total operating revenue deductions	1,446,921	1,666,985	2,408,569	3,388,112	3,491,793	3,828,255
Net operating revenues	710,356	736,727	762,888	779,173	890,056	955,605
Income from electric plant leased to others	7,514	7,625	4,750	5,195	5,195	5,200
Electric utility operating income	717,870	744,352	767,638	784,368	895,251	960,805
Other utility operating income	51,005	60,930	65,082	45,410	60,700	72,273
Total utility operating income	768,875	804,888	832,720	829,784	956,017	1,033,078
Other income	70,698	68,149	54,338	65,767	65,733	68,156
Gross income	839,573	873,037	887,058	895,551	1,021,750	1,101,234
Income deductions:						
Interest on long-term debt	282,905	266,607	210,771	211,708	242,687	250,705
Other income deductions (net)	47,279	58,766	141,833	26,945	21,804	19,586
Total income deductions	330,184	325,373	352,604	238,743	264,491	279,291
Net income	509,479	547,664	534,454	656,808	757,259	821,943

¹ Included with utility plant.

² Less reserves.

Source: Federal Power Commission; annual report, *Statistics of Electric Utilities in the United States*.

No. 579.—ELECTRIC UTILITY DEPRECIATION PRACTICES—RELATIONSHIP OF RESERVES AND EXPENSES TO ELECTRIC PLANT: 1937 TO 1950

[Money figures in millions. See headnote, table 578. Excludes amounts related to other than electric facilities; covers only those utilities segregating electric plant and reserve accounts from all plant and reserve accounts]

ITEM	1937	1945	1947	1948	1949	1950
Number of utilities	121	253	246	240	249	249
Total electric plant, value	\$5,358	\$8,850	\$9,181	\$10,784	\$12,807	\$14,499
Estimated depreciable electric plant, value	(1)	\$7,928	\$7,931	\$9,292	\$11,050	\$12,667
Electric depreciation reserves:						
Amount	\$635	\$1,900	\$2,095	\$2,408	\$2,676	\$2,971
Ratio to total plant (percent)	11.9	21.4	22.8	22.3	20.9	20.5
Ratio to depreciable plant (percent)		24.0	26.4	25.9	24.2	23.5
Electric depreciation expense:						
Amount	\$103	\$214	\$209	\$240	\$288	\$331
Ratio to total plant (percent)	1.92	2.41	2.28	2.28	2.25	2.28
Ratio to depreciable plant (percent)		2.70	2.64	2.65	2.61	2.61

¹ Not available.

Source: Federal Power Commission; *Electric Utility Depreciation Practices*.

No. 580.—CONSUMPTION OF FUELS BY ELECTRIC UTILITIES FOR PRODUCTION OF ELECTRIC ENERGY: 1920 TO 1951

[Use of fuels for stand-by purposes is included. See also *Historical Statistics*, series G 194-199]

CALENDAR YEAR	CONSUMPTION OF FUELS						Con- sump- tion of coal and coal equiva- lent of other fuels (thou- sand tons) ¹	Out- put by fuels ⁴ (million kilo- watt- hours)	Con- sump- tion per kilo- watt- hour (pounds)
	Coal (thousand tons) ¹				Fuel oil (thou- sand bar- rels) ³	Gas (million cubic feet)			
	Total	Bitumi- nous ²	Anthra- cite	Lignite ²					
1920.....	31,640	30,099	1,540	-----	12,090	22,136	35,791	23,495	3.0
1925.....	35,615	33,803	1,812	-----	9,794	45,472	40,014	39,443	2.0
1930.....	40,278	38,130	2,148	-----	8,805	119,553	47,545	59,583	1.00
1935.....	32,715	30,936	1,779	-----	11,257	124,118	40,797	56,089	1.44
1940.....	51,474	47,721	2,348	1,405	16,325	180,096	62,942	93,993	1.34
1942.....	66,257	62,262	2,785	1,210	15,236	235,208	79,075	121,585	1.30
1943.....	77,301	73,072	3,265	963	17,986	301,937	93,275	143,785	1.30
1944.....	80,084	75,720	3,427	936	20,862	358,784	99,251	153,898	1.29
1945.....	74,725	70,621	3,122	982	20,228	320,212	92,642	142,331	1.30
1946.....	72,197	67,623	3,453	1,120	36,316	306,942	93,471	144,556	1.29
1947.....	89,531	85,033	3,522	975	45,300	373,054	115,672	176,983	1.31
1948.....	99,586	94,470	3,966	1,151	42,645	478,097	130,122	199,796	1.30
1949.....	83,993	79,397	3,354	1,213	66,301	550,121	124,574	200,965	1.24
1950.....	91,871	86,855	3,609	1,407	75,420	628,919	138,421	232,813	1.19
1951 (prel.).....	105,682	100,297	3,867	1,518	63,549	763,108	154,423	270,089	1.14

¹ Of 2,000 pounds.

² Lignite included with bituminous coal prior to 1940.

³ Of 42 gallons.

⁴ Output by use of wood and waste not included.

Source: Federal Power Commission; annual report, *Consumption of Fuels for Production of Electric Energy*; also, related monthly reports.

No. 581.—FARM ELECTRIFICATION: 1930 TO 1949

ITEM	1930	1935	1940	1945	1947	1948	1949
Total number of farms ¹	6,288,648	6,812,350	6,096,769	5,859,169	-----	-----	-----
Total number of farms served, Dec. 31.....	649,900	788,800	2,050,000	2,029,000	3,817,100	4,388,200	4,094,700
By private companies.....	-----	-----	1,448,500	1,707,100	2,082,316	2,260,595	2,407,046
By public authorities, total.....	-----	-----	601,500	1,221,900	1,734,784	2,137,605	2,587,654
By R.E.A. cooperatives ²	-----	-----	517,500	1,051,000	1,533,894	1,921,100	2,343,738
Other public ³	-----	-----	84,000	170,900	200,890	216,445	243,916
EASTERN FARMS ⁴							
Number of customers (farms served), average.....	423,393	551,480	1,431,028	2,160,265	2,737,940	3,135,730	3,578,506
Sales, kilowatt-hours (1,000).....	315,507	481,688	1,535,350	3,394,000	4,934,000	6,203,212	7,761,264
Revenue (\$1,000).....	22,166	26,832	66,525	124,399	168,159	200,727	252,032
Kilowatt-hours per customer.....	745	873	1,073	1,571	1,802	1,997	2,169
Annual bill, average.....	\$52.37	\$48.63	\$46.46	\$57.50	\$61.45	\$65.90	\$70.71
Revenue per kilowatt-hour (cents).....	7.03	5.57	4.33	3.66	3.41	3.30	3.26
WESTERN FARMS ⁴							
Number of customers (farms served), average.....	189,661	213,406	413,989	637,600	838,993	966,096	1,128,460
Sales, kilowatt-hours (1,000).....	1,473,195	1,210,710	1,820,000	2,514,000	4,040,000	5,130,110	6,080,408
Revenue (\$1,000).....	24,524	21,572	35,500	52,595	72,104	91,167	108,929
Kilowatt-hours per customer.....	7,768	5,673	4,396	3,943	4,815	5,310	5,388
Annual bill, average.....	\$128.95	\$100.98	\$85.72	\$82.41	\$86.19	\$94.52	\$96.45
Revenue per kilowatt-hour (cents).....	1.66	1.78	1.95	2.09	1.79	1.78	1.70

¹ Census figures; relate to Apr. 1 for 1930 and 1940 and Jan. 1 for 1935 and 1945.

² Represents cooperatives only and excludes customers of all other agencies (companies and municipals) financed in whole or in part by R.E.A.

³ Customers served by municipal systems and various power districts not financed by R.E.A.

⁴ "Eastern farms" are those located in the area not affected by heavy irrigation pumping and their statistics are a measure of use of electricity on the average farm. "Western farms" are those where irrigation may be involved. Possibly less than one-fifth of farms in irrigation States do actual pumping, but statistics are not available to make a more accurate separation. Figures for "Western farms" therefore, are more a reflection of fluctuation in the energy used than they are of the conventional farm requirements.

Source: Edison Electric Institute, New York, N. Y.; annual statistical bulletin.

No. 582.—RURAL ELECTRIFICATION ADMINISTRATION—SUMMARY OF OPERATIONS: 1935 TO 1951

YEAR	TOTAL LOANS APPROVED AS OF DEC. 31 ¹		DATA FOR SYSTEMS IN OPERATION						
			As of Dec. 31			During year			
	Bor- row- ers ²	Amount	Sys- tems ³	Miles emer- gized ⁴	Con- sumers connected	Kilowatt hours generated	Kilowatt hours purchased	Kilowatt hours billed	Total revenue
	Number	\$1,000	Number	Miles	Number	1,000	1,000	1,000	\$1,000
1935.....		6,977	²	0	⁰	(⁵)	(⁵)	(⁵)	(⁵)
1940.....	791	351,465	685	267,846	674,495	131,189	1,304,623	1,150,536	40,927
1942.....	868	460,468	803	378,015	1,012,284	199,228	1,828,132	1,679,381	55,588
1943.....	873	473,742	811	390,058	1,087,801	213,402	2,105,332	1,925,734	64,043
1944.....	904	517,700	826	410,471	1,216,708	258,397	2,344,550	2,136,384	73,007
1945.....	961	606,954	848	449,579	1,408,018	319,013	2,730,265	2,477,509	89,948
1946.....	1,009	958,000	899	506,838	1,683,901	433,282	3,720,705	3,398,290	114,908
1947.....	1,029	1,190,527	911	603,064	2,046,095	5,018,725	4,757,051	4,757,051	151,674
1948.....	1,044	1,574,924	952	759,494	2,518,450	903,412	6,541,739	6,227,471	197,029
1949.....	1,066	1,909,280	995	943,385	3,040,425	1,076,946	8,104,801	7,778,735	241,373
1950.....	1,076	2,311,037	1,007	1,088,777	3,413,407	1,384,542	9,961,744	9,655,486	284,082
1951 ⁶	1,076	2,484,444	1,012	1,177,154	3,667,289				

¹ For years prior to 1948, includes amounts not yet under loan contract.

² Organizations, mainly cooperatives, to which loans for extending central station electric service in rural areas are made.

³ Rural electric distribution, generation, and transmission systems operated by REA borrowers.

⁴ Pole miles of electric distribution and transmission line in service. ⁵ Not available. ⁶ Preliminary.

Source: Department of Agriculture, Rural Electrification Administration.

No. 583.—NATURAL-GAS COMPANIES—COMPOSITE INCOME ACCOUNT: 1940 TO 1950

[In thousands of dollars. For years ending Dec. 31. Natural-gas companies deriving 50 percent or more of utility operating income from natural-gas operations]

ITEM	1940	1945	1947	1948	1949	1950
Gas operating income:						
Operating revenues.....	492,238	644,516	705,202	930,258	1,043,511	1,300,881
Operating expenses.....	277,261	370,273	491,027	578,095	665,454	880,238
Depreciation and amortization.....	52,005	62,269	66,250	80,098	80,098	101,660
Taxes:						
Federal taxes on income.....	55,701	95,491	55,489	63,108	58,737	91,254
Other taxes.....			39,019	45,621	53,298	62,367
Total operating-revenue deductions.....	385,057	528,033	652,935	766,922	867,137	1,085,519
Net operating revenues.....	107,181	116,483	142,217	163,336	176,354	224,362
Income from gas plant leased to others.....	89	394	136	308	206	874
Gas operating income.....	107,270	116,877	142,353	163,644	176,560	225,236
Other utility operating income.....	1,105	837	543	602	1,045	1,102
Utility income.....	108,375	117,714	142,896	164,306	177,605	226,338
Exploration and development costs.....	6,890	8,070	8,142	8,028	8,425	7,555
Net utility income.....	102,485	109,644	134,754	155,678	169,180	218,843
Other income.....	6,367	5,063	10,060	10,654	12,641	15,583
Gross income.....	108,852	114,707	144,814	166,332	181,821	234,426
Income deductions:						
Interest on long-term debt.....	20,714	16,594	17,480	27,665	42,377	54,224
Interest on debt to associated companies.....	4,900	5,265	5,202	4,633	5,811	5,893
Other income deductions, net.....	3,550	5,271	1,315	69	7,112	8,421
Total income deductions.....	29,164	27,130	21,457	32,309	41,076	51,006
Net income.....	79,688	87,577	123,357	134,023	140,745	182,730

Source: Federal Power Commission; *Annual Report*.

No. 584.—GAS UTILITY INDUSTRY—CUSTOMERS, SALES, AND REVENUES, BY TYPE OF GAS: 1950 AND 1951

[See headnote, table 535]

TYPE OF GAS	CUSTOMERS (1,000) ¹			(SALES 1,000,000 THERMS)			(REVENUES \$1,000)		
	1950	1951 ²	Percent change	1950	1951 ²	Percent change	1950	1951 ²	Percent change
All types.....	24,001	24,944	+3.9	42,090	47,869	+13.7	1,948,002	2,205,370	+13.2
Natural gas.....	14,267	16,141	+13.1	38,500	44,421	+15.4	1,361,005	1,640,050	+21.2
Manufactured gas.....	7,618	5,055	-25.8	2,217	1,727	-22.1	454,436	361,330	-20.5
Mixed gas.....	1,789	2,833	+58.3	1,284	1,632	+27.1	111,214	173,880	+56.3
Liquefied petroleum gas.....	327	315	-3.6	90	89	-1.0	21,347	21,110	-1.1

¹ Yearly averages.

² Preliminary.

Source: American Gas Association, New York, N. Y.; yearbook, *Gas Facts*.

No. 585.—GAS UTILITY INDUSTRY—CUSTOMERS AND REVENUES, BY CLASS OF SERVICE: 1933 TO 1951

[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) ¹					REVENUES (\$1,000)				
	Total	Residential	Commercial	Industrial	Other	Total	Residential	Commercial	Industrial	Other
1933.....	15,199	14,145	978	68	8	679,917	495,377	87,614	94,774	2,152
1934.....	15,511	14,439	990	74	8	702,616	494,043	86,763	119,184	2,626
1935.....	15,874	14,776	1,018	72	8	727,094	503,339	90,886	130,469	2,430
1936.....	16,185	15,041	1,058	77	9	770,349	516,218	97,362	151,995	4,774
1937.....	16,620	15,481	1,056	74	9	801,298	528,359	90,774	167,081	6,084
1938.....	16,907	15,727	1,095	75	10	777,261	522,958	101,150	144,965	8,188
1939.....	17,147	15,945	1,121	73	8	814,232	537,629	105,246	166,197	5,160
1940.....	17,622	16,403	1,138	73	8	871,735	573,361	111,070	182,527	3,877
1941.....	18,149	16,927	1,137	78	7	914,036	574,842	114,323	220,384	4,487
1942.....	18,759	17,536	1,137	78	8	994,318	622,669	127,039	238,227	6,383
1943.....	19,088	17,862	1,141	77	8	1,064,044	647,558	127,528	280,232	8,726
1944.....	19,585	18,320	1,177	82	6	1,108,162	666,735	133,120	297,927	10,380
1945.....	19,977	18,690	1,195	80	12	1,150,622	711,787	142,041	280,907	16,907
1946.....	20,636	19,245	1,289	87	15	1,211,262	761,274	153,781	284,317	11,890
1947.....	21,416	19,930	1,379	91	16	1,395,616	869,400	182,917	325,642	17,657
1948.....	22,245	20,562	1,571	94	18	1,579,462	957,925	220,906	377,408	23,223
1949.....	23,035	21,264	1,567	97	17	1,688,595	1,031,233	238,077	395,550	23,606
1950.....	24,061	22,146	1,739	99	17	1,948,002	1,177,070	265,571	479,610	25,751
1951 ²	24,944	23,020	1,796	105	23	2,205,370	1,318,600	288,050	565,530	33,190

¹ Yearly averages. ² Preliminary.

Source: American Gas Association, New York, N. Y.; yearbook, *Gas Facts*.

No. 586.—MANUFACTURED GAS—SOLID FUELS AND OIL USED BY UTILITIES, BY TYPE OF USE: 1932 TO 1950

[Solid fuels in thousands of tons; oil in millions of gallons. See headnote, table 585]

FUEL AND TYPE OF USE	1932	1935	1940	1945 ¹	1946 ¹	1947 ¹	1948 ¹	1949 ¹	1950 ¹
ANTHRACITE COAL									
Total.....	115	126	214	292	347	470	590	382	329
Water gas generator fuel.....	33	44	86	94	113	181	272	135	109
Boiler fuel.....	82	82	128	160	188	244	265	214	190
Other.....				² 38	² 46	² 45	² 53	² 33	² 21
BITUMINOUS COAL									
Total.....	8,103	7,849	6,882	8,098	7,660	7,515	7,336	6,529	6,207
Water gas generator fuel.....	477	480	304	432	435	370	393	366	341
Boiler fuel.....	428	382	340	487	502	492	491	328	250
Oven and retort charge.....	7,191	6,972	6,220	7,171	6,720	6,643	6,452	5,835	5,615
Bench and producer fuel.....	7	15	18	8	3	1	(³)	(³)	1
COKE									
Total.....	2,915	2,589	2,599	3,551	3,782	3,881	3,733	3,305	3,213
Water gas generator fuel.....	1,595	1,284	1,552	2,225	2,447	2,501	2,485	2,195	2,258
Boiler fuel.....	539	512	384	585	601	542	547	472	380
Bench and producer fuel.....	781	793	663	741	⁴ 734	⁴ 748	⁴ 701	⁴ 638	⁴ 566
OIL									
Total.....	603	510	677	934	1,069	1,239	1,308	1,106	1,185
Water gas enricher.....	536	465	592	797	915	1,035	1,075	868	918
Boiler fuel.....	9	11	27	⁵ 24	38	57	61	53	75
Oil gas production.....	58	34	58	113	116	147	172	185	102

¹ Includes fuel used in production of manufactured gas during periods of peak demand or emergency only, for use in systems regularly distributing natural gas.

² Oven and retort charge.

³ Less than 500 tons.

⁴ Includes 9,000 tons used as oven and retort charge in 1946, 10,000 tons in 1947, 7,000 tons in 1948, 5,000 tons in 1949, and 7,000 tons in 1950.

⁵ Includes 500,000 gallons used as bench and producer fuel.

Source: American Gas Association, New York, N. Y.; yearbook, *Gas Facts*.

GAS UTILITY INDUSTRY

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No. 587.—GAS UTILITY INDUSTRY—CUSTOMERS AND REVENUES, BY TYPE OF GAS, CLASS OF SERVICE, AND STATE: 1950

[See headnote, table 585]

TYPE OF GAS, DIVISION, AND STATE	CUSTOMERS (1,000) ¹					REVENUES (\$1,000)				
	Total	Residential	Commercial	Industrial	Other	Total	Residential	Commercial	Industrial	Other
United States, all types.....	24,001.0	22,146.1	1,739.4	98.7	16.8	1,948,002	1,177,070	265,571	479,610	25,751
Natural gas.....	14,266.9	13,083.6	1,110.1	53.7	10.5	1,361,005	748,762	170,837	420,203	21,203
Manufactured gas.....	7,017.0	7,079.0	500.4	32.5	5.4	454,436	332,492	74,637	43,242	4,065
Mixed gas.....	1,780.4	1,084.5	92.4	11.7	.8	111,214	80,441	14,802	15,573	398
Liquefied petroleum gas.....	326.8	298.4	27.5	.8	.1	21,347	15,375	5,295	592	86
New England.....	1,641.7	1,555.2	78.2	7.3	1.0	102,457	77,147	14,221	10,684	405
Connecticut.....	368.7	348.0	18.2	1.8	.1	25,265	18,375	3,486	3,330	74
Maine.....	42.3	39.6	2.6	.1	(2)	2,763	2,020	528	206	3
Massachusetts.....	1,004.2	949.8	49.2	4.4	.8	61,523	40,072	8,202	6,107	248
New Hampshire.....	38.0	36.4	2.3	.2	(2)	2,360	1,099	520	130	8
Rhode Island.....	166.2	160.0	4.9	.6	.1	9,516	7,317	1,272	865	62
Vermont.....	21.4	20.2	1.0	.2	(2)	1,018	758	204	40	10
Middle Atlantic.....	6,659.6	6,169.2	456.5	28.9	5.0	456,710	314,570	63,389	75,639	3,112
New Jersey.....	1,191.1	1,105.2	80.3	5.6	(2)	63,978	47,500	10,138	5,542	198
New York.....	3,591.1	3,311.9	260.5	14.8	3.9	219,805	159,395	30,349	21,834	2,227
Pennsylvania.....	1,877.4	1,752.1	115.7	8.5	1.1	172,927	107,375	16,002	47,963	687
East North Central.....	5,454.5	5,106.7	322.7	21.4	3.7	466,652	296,902	53,622	113,985	2,143
Illinois.....	1,718.2	1,615.2	91.7	10.5	.8	123,406	74,421	14,189	34,642	154
Indiana.....	573.7	537.8	33.2	1.6	1.1	47,079	26,957	5,674	14,067	381
Michigan.....	1,087.0	1,023.2	59.0	3.0	.3	97,340	69,378	10,008	17,803	151
Ohio.....	1,643.6	1,520.0	117.5	4.0	1.5	172,555	106,625	20,697	44,601	932
Wisconsin.....	432.0	409.9	20.4	1.7	(2)	26,272	19,621	3,054	2,872	825
West North Central.....	1,858.4	1,708.1	141.6	8.3	.4	190,009	109,874	24,341	52,943	2,851
Iowa.....	206.1	272.6	22.8	.7	(2)	26,166	16,734	4,040	5,362	51
Kansas.....	381.6	341.5	37.9	1.0	.3	47,170	21,426	5,587	18,614	1,549
Minnesota.....	344.4	325.0	17.9	1.5	(2)	30,689	20,767	3,020	6,764	130
Missouri.....	586.1	548.0	37.3	2.8	(2)	56,199	34,419	6,230	15,242	308
Nebraska.....	186.7	165.4	19.9	1.3	.1	22,686	12,354	3,778	5,950	604
North Dakota.....	26.7	24.5	2.2	(2)	(2)	2,344	1,636	566	82	60
South Dakota.....	36.8	33.1	3.0	.1	(2)	4,719	2,543	1,102	920	140
South Atlantic.....	1,629.4	1,501.5	120.2	4.9	2.8	139,179	86,188	21,369	29,593	2,029
Delaware.....	50.3	47.0	2.7	(2)	(2)	3,140	2,442	431	260	7
District of Columbia.....	175.2	160.5	13.1	.6	1.0	13,502	10,300	2,556	250	390
Florida.....	173.1	161.2	10.8	.2	.9	14,030	8,393	3,213	1,798	626
Georgia.....	224.6	203.4	19.2	2.0	(2)	23,827	12,183	2,931	8,390	314
Maryland.....	384.8	359.1	24.6	.9	.2	27,737	20,601	3,473	3,401	262
North Carolina.....	68.4	61.8	6.4	.2	(2)	5,294	3,515	1,565	208	6
South Carolina.....	42.3	37.8	4.4	.1	-----	3,101	2,184	835	82	-----
Virginia.....	225.8	211.5	13.5	.3	.5	16,057	11,913	2,895	1,072	177
West Virginia.....	284.9	258.6	25.5	.6	.2	32,491	14,657	3,470	14,123	241
East South Central.....	763.5	684.2	75.3	3.2	.8	88,513	41,890	11,726	33,745	1,152
Alabama.....	186.0	170.8	14.8	.4	(2)	27,049	10,316	2,600	14,068	56
Kentucky.....	269.1	242.2	25.8	.6	.5	22,757	14,823	3,307	4,213	414
Mississippi.....	145.1	127.0	16.7	1.2	.2	10,360	7,021	2,294	6,542	503
Tennessee.....	163.3	144.2	18.0	1.0	.1	22,347	9,730	3,516	8,222	179
West South Central.....	2,371.8	2,116.2	238.3	14.3	3.0	208,961	88,731	25,437	90,544	4,249
Arkansas.....	172.4	148.1	22.9	1.4	(2)	18,571	7,634	2,047	7,836	154
Louisiana.....	401.0	363.5	34.3	2.4	.8	39,325	13,439	2,740	22,227	919
Oklahoma.....	435.8	387.0	45.1	2.6	1.1	35,801	17,738	5,319	12,067	677
Texas.....	1,362.6	1,217.6	136.0	7.9	1.1	115,264	49,920	14,431	48,414	2,400
Mountain.....	592.2	526.9	62.7	2.5	.1	75,367	35,635	12,531	25,301	1,900
Arizona.....	120.7	107.1	13.0	.5	.1	14,360	4,537	1,452	8,296	75
Colorado.....	188.3	165.5	22.4	.4	(2)	25,431	12,582	5,312	6,332	1,205
Idaho.....	.6	.5	.1	-----	-----	64	28	26	-----	-----
Montana.....	74.4	67.1	6.0	.4	(2)	10,617	6,099	2,139	2,048	331
Nevada.....	4.0	4.3	.6	(2)	(2)	507	277	212	3	15
New Mexico.....	83.3	75.1	7.9	.3	(2)	10,144	4,537	1,605	3,904	98
Utah.....	76.3	60.2	6.5	.0	-----	8,241	4,425	547	3,260	-----
Wyoming.....	43.7	38.1	5.3	.3	(2)	6,013	3,150	1,238	1,440	176
Pacific.....	3,029.9	2,778.1	243.9	7.9	(2)	220,154	126,133	38,935	47,176	7,910
California.....	2,846.4	2,614.3	225.0	7.1	(2)	203,235	114,467	34,208	46,561	7,909
Oregon.....	105.5	96.0	9.0	.5	(2)	9,276	6,795	2,154	326	1
Washington.....	78.0	67.8	9.9	.3	-----	7,643	4,871	2,483	280	-----

¹ Averages for the year.

² Less than 50 customers.

Source: American Gas Association, New York, N. Y.; yearbook, *Gas Facts*.

No. 588.—WATER POWER—DEVELOPED, 1920 TO 1950, AND ESTIMATED UNDEVELOPED

[In thousands of kilowatts]

DIVISION AND STATE	DEVELOPED WATER POWER (CAPACITY OF ACTUAL INSTALLATIONS ONLY)										Estimated undeveloped water power
	Electric utilities only				Electric utilities and industrial plants						
					Dec. 1939			Dec. 1950			
	Dec. 1920	Dec. 1925	Dec. 1930	Dec. 1935	Total	Utilities	Industrial	Total	Utilities	Industrial	
United States.....	3,704	5,922	8,585	9,399	12,075	11,004	1,071	18,675	17,675	1,000	87,604
New England.....	291	415	753	804	1,115	833	282	1,239	971	268	3,250
Maine.....	40	59	174	177	301	188	113	391	270	121	1,611
New Hampshire.....	43	58	212	223	292	235	57	312	262	50	599
Vermont.....	49	92	156	156	178	158	15	192	177	15	625
Massachusetts.....	114	126	129	167	228	161	67	223	168	55	301
Rhode Island.....	2	6	2	2	14	8	11	11	3	8	-----
Connecticut.....	44	44	79	79	107	88	19	107	89	18	114
Middle Atlantic.....	662	1,027	1,290	1,517	1,633	1,563	70	1,678	1,602	76	6,572
New York.....	540	860	1,074	1,132	1,220	1,165	64	1,225	1,155	70	3,051
New Jersey.....	1	1	1	1	6	3	3	9	6	3	225
Pennsylvania.....	120	166	215	384	399	395	4	444	441	3	3,206
East North Central.....	372	528	602	644	790	703	87	901	828	73	2,344
Ohio.....	17	18	13	12	10	12	4	16	12	4	212
Indiana.....	11	35	35	33	38	35	3	37	37	-----	323
Illinois.....	43	42	50	45	51	49	2	54	49	5	1,111
Michigan.....	107	219	258	310	368	344	24	390	384	15	357
Wisconsin.....	134	214	247	239	318	263	55	396	347	40	341
West North Central.....	257	285	279	427	537	501	36	629	577	52	5,775
Minnesota.....	88	124	122	126	158	126	32	181	138	43	227
Iowa.....	138	125	124	127	127	(1)	(1)	137	137	-----	414
Missouri.....	12	13	13	150	151	151	(1)	151	151	-----	2,472
North Dakota.....	-----	-----	-----	-----	(1)	-----	(1)	-----	-----	-----	462
South Dakota.....	5	4	4	4	4	4	-----	11	3	8	1,270
Nebraska.....	7	12	11	13	87	80	1	142	142	(1)	441
Kansas.....	7	7	6	7	9	7	2	6	6	-----	200
South Atlantic.....	589	878	1,603	1,678	2,224	1,803	421	2,767	2,297	470	8,151
Delaware.....	-----	-----	-----	-----	(1)	(1)	(1)	1	-----	1	-----
Maryland.....	1	22	272	272	273	271	2	272	271	1	382
District of Columbia.....	-----	-----	2	2	3	2	1	3	3	-----	60
Virginia.....	45	57	83	97	204	182	22	207	183	24	1,371
West Virginia.....	9	7	56	56	209	101	108	208	101	107	2,097
North Carolina.....	144	185	397	398	651	400	251	962	662	300	1,169
South Carolina.....	231	339	506	503	620	495	25	679	653	26	940
Georgia.....	155	261	271	333	349	337	12	425	412	13	2,042
Florida.....	4	5	14	14	14	14	(1)	13	13	-----	90
East South Central.....	170	469	863	823	1,270	1,140	130	2,729	2,721	8	4,736
Kentucky.....	-----	26	105	105	111	111	(1)	271	271	-----	1,576
Tennessee.....	97	124	127	128	432	310	122	1,238	1,238	-----	670
Alabama.....	72	319	632	589	727	719	8	1,220	1,212	8	1,780
Mississippi.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	410
West South Central.....	4	13	19	101	140	139	1	466	463	3	3,568
Arkansas.....	1	10	11	67	67	67	-----	148	145	3	1,696
Louisiana.....	-----	-----	-----	-----	1	-----	1	-----	-----	-----	50
Oklahoma.....	1	1	2	2	2	2	-----	74	74	-----	963
Texas.....	2	2	6	33	71	71	(1)	245	245	(1)	859
Mountain.....	487	570	784	792	1,583	1,581	2	2,286	2,282	4	23,440
Montana.....	212	236	300	300	321	321	(1)	427	426	1	6,835
Idaho.....	135	175	225	235	257	257	(1)	441	440	1	8,876
Wyoming.....	2	5	12	16	47	47	-----	79	79	-----	707
Colorado.....	48	52	52	54	67	66	1	92	91	1	1,630
New Mexico.....	1	(1)	1	1	1	1	-----	25	25	-----	170
Arizona.....	23	23	87	87	293	293	-----	541	541	-----	3,701
Utah.....	58	64	98	91	93	92	1	94	94	-----	1,311
Nevada.....	9	8	9	9	505	504	1	587	586	1	111
Pacific.....	872	1,738	2,391	2,613	2,783	2,741	42	5,979	5,933	46	29,768
Washington.....	241	430	596	690	812	784	28	2,501	2,504	27	15,910
Oregon.....	85	121	155	177	285	278	8	733	766	17	6,350
California.....	566	1,187	1,640	1,745	1,685	1,680	5	2,606	2,604	2	7,608

¹ Less than 500.

Source: Federal Power Commission, Electric utility figures through 1939 based on report—*Electric Power Statistics, 1920-49*; industrial, 1939, based on Bureau of Census report—*Power Equipment and Energy Consumption, 1939 Census of Manufactures*. Developed water power, 1950, from annual report, *Production of Electric Energy and Capacity of Generating Plants, 1950*.

20. Roads and Motor Vehicles

(Sent to print April 10, 1952)

Public roads.—Federal Government statistics on public roads are compiled and published by the Bureau of Public Roads of the Department of Commerce. Since 1945, such data have been published annually in *Highway Statistics*. For statistics prior to 1945, the same Bureau's publication, *Highway Statistics, Summary to 1945*, shows available public roads data carried back over periods ranging from 20 to 50 years.

The first road mileage survey was made in 1904. Other basic road mileage surveys were made in 1909, 1914, and 1921. Data for these early surveys appear in Department of Agriculture, Bulletin 1279, *Rural Highway Mileage, Income, and Expenditures, 1921-1922*.

The term "rural" as used in this section may be roughly defined as an area which lies outside of communities having 2,500 inhabitants or more. The statistics shown here, which are compiled on the basis of individual reports from the different States, are largely consistent in their adherence to this definition of rural. "Urban extensions" are continuations of designated State-system roads in or through cities or towns of 2,500 inhabitants or more. "County and other local roads" are those rural roads over which the State exercises no direct control.

Motor vehicles and fuel.—Motor-vehicle production data are compiled by the Automobile Manufacturers' Association and published in the annual report, *Automobile Facts and Figures*. The Bureau of the Census of the Department of Commerce compiles and publishes statistics on the motor-vehicles and equipment industry. These data are published in the reports of the Census of Manufactures, and are also included in section 30, Manufactures, in this volume.

Motor vehicle registration figures are based on reports and records of State motor-vehicle registration departments. The statistics are compiled and published by the Bureau of Public Roads in the annual report, *Highway Statistics*. Statistics on motor fuel consumption are also compiled and published by the same agency in the report mentioned.

Historical statistics.—See preface and historical appendix. Tabular headnotes (as "See also *Historical Statistics*, series K 177-181") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*.

No. 589.—RURAL ROADS IN THE UNITED STATES—APPROXIMATE MILEAGE: 1921 TO 1950

[In thousands of miles. Rural roads include roads outside of incorporated areas and certain of the more populous unincorporated areas. Figures cover continental U. S. and refer to existing mileage at end of calendar year. See also *Historical Statistics*, series K 177-181]

TYPE AND CONTROL	1921	1925	1930	1935	1940	1945	1948	1949	1950
All rural roads, total.....	2,925	3,006	3,009	3,032	2,990	3,012	3,007	3,003	2,990
Primary State highways.....	203	275	324	332	320	339	350	358	303
Secondary State highways.....				58	81	84	85	85	88
County roads under State control.....				115	114	118	121	121	122
County and local roads ¹	2,722	2,731	2,685	2,627	2,466	2,471	2,451	2,439	2,417
Surfaced rural roads, total.....	387	521	694	1,063	1,340	1,495	1,574	1,617	1,679
Primary State highways.....				280	302	316	335	344	351
Secondary State highways.....	84	145	227	39	65	71	69	69	73
County roads under State controls.....				38	55	63	71	77	83
County and local roads ¹	303	376	467	706	918	1,045	1,090	1,127	1,172
Nonsurfaced rural roads, total ²	2,538	2,485	2,315	1,969	1,650	1,517	1,433	1,386	1,311
Primary State highways.....				52	27	23	15	14	12
Secondary State highways.....	119	130	97	19	16	13	10	16	15
County roads under State control.....				77	59	55	50	44	39
County and local roads ^{1,2}	2,419	2,355	2,218	1,821	1,548	1,426	1,352	1,312	1,245

¹ Includes mileage in national and State parks, forests, reservations, etc., not included as part of State highway systems. ² Includes mileage not classified by type of surface.

Source: Department of Commerce, Bureau of Public Roads; *Highway Statistics, Summary to 1945*, and subsequent annual reports.

No. 590.—STATE HIGHWAY SYSTEMS—EXISTING MILEAGE, MILEAGE BUILT, FUNDS AVAILABLE AND DISBURSEMENTS: 1930 TO 1950

[Figures cover continental U. S. and refer to calendar years for most States. See also *Historical Statistics*, series K 184 for data on total mileage built by State highway departments]

ITEM	1930	1935	1940	1945	1948	1949	1950
Total mileage at end of year.....	¹ 324,498	523,474	551,766	573,234	590,293	598,699	² 608,468
Mileage under State control.....	(³)	520,351	548,490	570,239	587,645	590,176	² 608,468
Primary State-highway systems.....	¹ 324,498	331,867	329,472	338,310	349,920	357,650	363,213
Nonsurfaced roads.....	¹ 97,726	52,060	26,091	22,873	14,459	13,192	12,007
Surfaced roads.....	¹ 226,772	279,807	302,481	315,437	335,470	344,458	351,206
Low type ⁴	¹ 142,659	168,282	180,091	182,786	190,313	206,770	168,554
High type ⁴	¹ 84,113	111,525	122,390	132,651	136,157	137,688	182,652
Secondary roads.....	(³)	173,603	195,245	202,360	205,853	205,833	200,330
Urban extensions of State-highway systems.....	(³)	14,881	23,782	29,573	31,803	32,603	² 35,916
Connecting streets not under State control.....	(³)	3,123	3,267	2,905	2,648	2,523	(³)
Total mileage built during year by State-highway departments.....	35,277	26,814	32,594	15,278	41,968	45,176	55,487
Graded and drained.....	7,813	3,284	2,207	283	2,017	2,329	3,364
Surfaced.....	27,464	23,530	30,387	14,995	39,951	42,847	52,123
State-highway funds available (\$1,000) ⁵	1,423,164	1,205,045	2,037,606	2,242,572	4,173,407	4,533,325	5,008,100
Disbursements of State-highway funds (\$1,000) ⁵	1,139,677	848,355	1,591,290	1,255,208	2,841,328	3,176,752	3,561,513

¹ No segregation of secondary State highways from primary systems in 1930; figures shown include an undetermined amount of municipal street mileage on State systems or connecting these systems. Not strictly comparable with subsequent years, since county road mileage had not yet been taken over by State highway departments.

² Mileage formerly shown as "Connecting streets not under State control," now included with "Urban extensions of State highway systems," with exception of mileage in Kentucky, Maryland, Mississippi, and District of Columbia. These mileages reclassified as local city streets. ³ Not available.

⁴ Low type includes soil-surfaced; slag, gravel, or stone; bituminous surface-treated; and mixed bituminous surfaces. High type includes bituminous penetration; bituminous concrete and sheet asphalt; Portland cement concrete; brick; and block. Beginning 1950, States reported a segregation of mixed bituminous and bituminous penetration surfaces according to base course. Mixed bituminous and bituminous penetration on "non-rigid base" shown as low type and surfacing on "rigid base" included as high type mileage.

⁵ Includes funds transferred to or from local units. Data for D. C. not included prior to 1940. Beginning 1940, includes proceeds of highway-user imposts allotted by the State treasurer for (1) county and other local roads and streets, and for (2) nonhighway purposes.

Source: Department of Commerce, Bureau of Public Roads; *Highway Statistics, Summary to 1945*, and subsequent annual reports.

No. 591.—EXISTING RURAL ROAD MILEAGE, BY TYPE AND BY GOVERNMENTAL CONTROL, BY STATES, END OF 1950

[Rural roads include roads outside incorporated areas and certain more populous unincorporated areas. Compiled for latest available year from reports of State authorities and planning survey data]

STATE	Total	TYPE				GOVERNMENTAL CONTROL		
		Surfaced			Nonsurfaced	State	Local	Federal ¹
		Total	Low type ¹	High type ¹				
Continental U. S.	2,990,036	1,678,619	1,423,209	255,410	1,311,417	580,357	2,336,445	73,234
Alabama	60,028	41,581	37,157	4,424	18,447	6,895	52,763	370
Arizona	27,168	0,307	7,077	2,230	17,861	3,852	15,250	8,066
Arkansas	62,041	26,241	21,851	4,432	36,658	9,219	53,722	—
California	97,081	58,853	45,035	13,818	38,828	12,902	74,479	10,300
Colorado	75,068	16,339	11,333	5,006	59,620	11,849	63,331	788
Connecticut	10,548	10,227	7,212	3,015	321	2,730	7,818	—
Delaware	3,772	2,988	2,079	909	784	3,772	—	—
Florida	40,844	18,704	16,730	2,064	22,050	8,985	30,733	1,126
Georgia	89,398	23,136	17,562	5,574	66,262	13,751	75,647	—
Idaho	39,421	19,529	17,666	1,863	19,892	4,511	26,362	8,548
Illinois	103,410	87,704	75,537	12,167	15,712	10,417	92,909	—
Indiana	84,040	75,146	62,813	12,333	8,894	9,693	74,347	—
Iowa	101,172	69,326	63,449	5,877	31,846	8,789	92,383	—
Kansas	125,955	62,429	49,810	2,619	73,526	9,415	116,625	15
Kentucky	58,006	36,612	31,732	4,880	21,394	12,768	44,887	351
Louisiana	39,967	24,379	19,089	5,290	15,588	14,126	25,841	—
Maine	20,704	17,105	16,044	1,061	3,599	10,573	10,035	96
Maryland	16,378	13,498	10,966	2,532	2,880	4,426	11,952	—
Massachusetts	17,548	16,482	13,616	2,866	1,060	1,896	15,082	—
Michigan	92,765	68,635	61,072	7,563	24,124	8,291	84,468	—
Minnesota	109,738	78,530	73,362	5,168	31,208	11,335	97,252	1,151
Mississippi	61,034	34,087	30,933	3,154	27,547	6,708	53,839	1,029
Missouri	100,453	73,078	68,088	4,990	27,375	17,908	81,775	770
Montana	60,097	20,614	18,325	2,289	49,083	8,713	54,301	6,623
Nebraska	99,069	33,447	31,060	1,487	66,522	9,209	90,504	259
Nevada	25,490	6,608	6,604	4	18,882	5,773	19,717	—
New Hampshire	12,539	8,906	8,580	326	3,633	3,608	8,753	118
New Jersey	18,249	14,560	11,909	2,651	3,689	1,793	16,456	—
New Mexico	61,733	8,092	4,909	4,083	52,741	10,225	47,621	3,887
New York	82,724	71,952	43,145	28,807	10,772	14,744	67,080	—
North Carolina	64,536	43,703	34,650	9,053	20,833	63,388	—	1,148
North Dakota	114,044	27,019	27,817	1,102	86,125	6,587	106,901	466
Ohio	86,286	76,112	58,699	17,443	10,174	16,076	70,210	—
Oklahoma	91,871	24,428	18,652	5,770	67,443	9,619	82,191	91
Oregon	52,488	27,042	23,407	3,635	26,446	7,652	31,077	13,759
Pennsylvania	87,883	53,938	34,722	10,210	33,945	41,781	45,770	332
Rhode Island	2,057	1,867	1,618	249	190	575	1,482	—
South Carolina	47,036	17,567	15,202	2,365	29,469	20,503	26,533	—
South Dakota	93,403	31,689	30,395	1,294	61,714	6,114	89,326	963
Tennessee	64,807	51,816	47,289	4,557	12,991	7,827	56,845	635
Texas	196,426	78,987	66,002	12,895	117,439	34,620	161,805	—
Utah	24,920	11,083	8,815	2,268	18,837	4,877	10,107	3,936
Vermont	12,970	10,199	9,178	1,021	2,771	1,834	11,714	22
Virginia	49,242	45,008	42,002	3,006	4,144	47,700	584	958
Washington	46,841	34,986	30,011	4,975	11,855	5,992	36,076	4,773
West Virginia	33,017	17,584	13,754	4,130	15,133	31,897	1,085	335
Wisconsin	86,314	77,490	70,608	6,883	8,818	10,090	75,814	410
Wyoming	25,955	7,678	4,623	3,055	18,277	4,564	19,452	1,939

¹ Low type includes soil-surfaced, slag, gravel or stone, and low-type bituminous; high type includes high-type bituminous, Portland cement concrete, brick and block.

² Includes only mileage of roads not forming a part of State or local highway systems.

³ Includes 7,806 miles of State park, forest, institutional and other roads that are not part of State or local highway systems.

⁴ Includes small amount of unsegregated urban mileage.

⁵ Includes 230 miles of State park, forest, and reservation roads not classified by surface type.

⁶ Includes county roads under State control in Delaware, North Carolina, Virginia (all but three counties), and West Virginia.

Source: Department of Commerce, Bureau of Public Roads; *Highway Statistics, 1950*.

No. 592.—DISBURSEMENTS OF STATE-HIGHWAY FUNDS, BY STATES: 1921 TO 1950

[Includes 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. Beginning 1935 covers calendar years; figures for earlier years for many States represent fiscal years. Beginning with 1940, figures not comparable with those for prior years as they include data for certain State income applicable to highways, namely, proceeds of highway-user imposts allotted, without passing through State highway departments, by State treasurer for (1) county and other local roads and streets and for (2) nonhighway purposes. These data not included in prior years]

(In thousands of dollars)

DIVISION AND STATE	Year in which first State-aid law passed	1921	1930	1935	1940	1945	1947	1948	1949	1950
Cont. U. S.		411,995	1,139,677	848,355	1,591,290	1,255,298	2,362,900	2,841,328	3,176,782	3,501,513
New England		25,910	76,418	81,054	98,625	64,034	129,988	145,540	182,142	197,792
Maine	1901	6,524	17,184	11,671	13,550	10,169	32,707	24,612	25,280	24,880
New Hampshire	1903	2,360	9,640	6,165	8,380	6,935	9,953	13,893	17,650	13,523
Vermont	1898	951	9,013	5,920	8,365	3,076	9,204	11,100	13,838	9,054
Massachusetts	1892	7,864	21,926	36,719	37,635	21,428	36,365	44,201	68,331	97,031
Rhode Island	1902	2,213	3,367	3,681	8,011	6,350	9,235	12,533	12,747	14,240
Connecticut	1895	5,998	15,288	16,898	22,678	15,177	32,624	30,211	44,287	37,695
Middle Atlantic		101,475	216,236	127,513	307,819	186,770	351,536	463,489	524,779	771,149
New York	1898	36,855	73,233	54,770	158,946	72,575	162,509	204,951	217,114	303,634
New Jersey	1891	15,608	47,414	26,771	57,509	43,980	47,469	66,549	80,684	188,354
Pennsylvania	1903	49,012	95,589	46,972	91,364	70,215	141,558	191,989	226,981	270,101
E. N. Central		68,512	190,673	141,442	312,905	242,329	389,683	509,835	546,419	502,737
Ohio	1904	15,547	47,491	25,772	93,403	70,257	116,645	137,667	155,071	147,327
Indiana	1917	8,110	22,560	17,953	40,461	34,985	50,294	67,825	67,264	60,178
Illinois	1905	15,693	48,854	42,729	70,536	55,188	88,580	125,089	132,752	112,503
Michigan	1905	18,744	46,136	23,653	67,403	50,159	87,973	110,061	114,082	105,687
Wisconsin	1911	12,417	25,623	31,335	41,102	27,740	46,101	69,103	75,750	68,042
W. N. Central		48,078	171,732	112,817	148,681	109,097	237,231	277,306	300,343	324,919
Minnesota	1905	7,480	39,365	22,950	31,275	22,807	50,595	57,179	58,558	65,243
Iowa	1904	18,276	50,607	22,230	32,517	22,633	54,024	56,125	66,229	70,225
Missouri	1907	4,727	43,921	27,661	27,553	20,554	37,818	49,524	61,497	52,942
North Dakota	1909	1,030	3,902	4,911	7,355	6,105	13,888	19,671	22,951	21,030
South Dakota	1911	4,738	5,915	6,728	9,236	5,644	14,304	20,660	21,052	20,236
Nebraska	1911	4,836	11,087	10,379	20,117	15,802	27,090	32,319	32,850	36,077
Kansas	1911	6,901	16,845	17,949	20,628	15,552	30,612	41,822	47,236	49,500
South Atlantic		51,181	139,904	127,216	232,740	194,163	386,994	436,982	513,331	602,672
Delaware	1903	3,765	8,492	3,613	4,379	3,340	6,058	9,873	20,774	32,014
Maryland	1898	7,616	17,092	14,700	27,243	19,422	31,222	50,531	65,751	83,870
Dist. of Col.	1938	(3)	(3)	(2)	6,588	4,362	10,663	13,571	16,990	10,970
Virginia	1906	7,114	10,180	10,790	28,277	20,487	60,071	56,271	65,159	76,041
West Virginia	1909	1,877	23,308	20,406	25,835	26,878	40,957	46,523	64,547	60,928
North Carolina	1901	15,100	25,613	28,083	39,799	29,120	74,036	79,189	97,691	135,850
South Carolina	1917	3,941	22,753	12,597	22,804	21,600	38,290	40,804	51,752	45,088
Georgia	1908	9,664	12,690	16,479	38,803	24,214	50,536	46,917	66,069	73,547
Florida	1915	2,103	9,868	11,648	30,012	35,731	75,031	81,303	73,698	93,437
E. S. Central		16,621	92,737	55,169	118,474	99,980	179,108	199,989	219,989	236,649
Kentucky	1912	5,757	19,407	18,806	25,716	19,603	30,643	42,202	50,001	67,361
Tennessee	1915	6,328	53,278	14,190	34,031	31,705	54,193	64,461	69,173	78,615
Alabama	1911	1,036	15,373	12,197	27,723	25,813	45,639	40,798	48,227	48,807
Mississippi	1915	3,500	4,589	9,976	31,004	22,859	39,633	52,528	43,588	41,866
W. S. Central		34,417	136,738	80,597	151,120	128,398	283,994	304,059	338,772	367,157
Arkansas	1913	7,520	39,821	16,102	18,278	15,112	35,326	31,012	37,726	45,095
Louisiana	1910	5,347	29,357	19,022	29,662	21,702	47,370	58,333	64,354	70,616
Oklahoma	1911	4,775	20,228	11,568	23,506	24,222	47,467	44,256	65,234	72,735
Texas	1917	16,775	47,332	33,905	79,674	67,362	153,831	169,558	171,458	177,811
Mountain		27,643	47,023	50,088	73,634	49,616	125,285	144,155	151,171	162,558
Montana	1913	3,640	6,378	7,633	11,741	6,682	15,652	10,867	20,348	21,567
Idaho	1905	4,893	6,937	6,105	8,030	5,674	14,196	13,902	16,176	18,676
Wyoming	1911	3,446	3,590	5,078	6,272	3,818	12,193	15,546	14,026	14,103
Colorado	1909	4,156	8,144	7,781	14,094	11,671	25,078	36,805	38,057	37,785
New Mexico	1909	3,713	9,138	7,359	13,428	8,988	19,777	18,557	18,705	20,141
Arizona	1909	2,948	5,233	5,631	8,804	6,056	17,379	19,245	21,331	19,091
Utah	1909	3,107	5,108	5,914	6,342	6,222	12,667	12,856	13,903	15,009
Nevada	1911	1,500	2,710	4,887	4,254	1,905	7,543	7,317	8,626	9,496
Pacific		38,339	68,215	72,459	147,292	180,911	279,181	365,973	399,806	395,940
Washington	1905	9,096	15,806	17,666	39,925	28,602	50,996	57,723	75,299	77,524
Oregon	1913	17,828	14,668	16,991	18,385	14,234	34,629	42,162	47,122	49,923
California	1896	10,815	37,741	37,802	88,982	138,075	193,556	266,088	277,415	268,493

1 Excludes transactions of Port of New York Authority.

2 Data not available.

Source: Department of Commerce, Bureau of Public Roads; *Highway Statistics, 1950*, and previous annual statements on State-highway finance.

No. 593.—STATE-HIGHWAY FUNDS AVAILABLE, BY SOURCE, AND DISBURSEMENTS, BY PURPOSE, BY STATES: 1950

[In thousands of dollars. Includes 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*, series IK 193-203.]

DIVISION AND STATE	FUNDS AVAILABLE					DISBURSEMENTS				
	Total	Motor-vehicle fees, motor-fuel and motor-carrier taxes	Federal funds	Income from bonds, notes, and other loans	All other sources ¹	Total ²	For State-administered highways			For county and local roads and streets
							Capital outlay, roads and bridges ³	Maintenance ⁴	Other ⁴	
Cont. U. S.	5,068,196	2,587,079	425,587	410,117	1,645,413	3,561,513	1,533,859	501,487	447,574	752,429
New England	251,446	116,175	29,049	63,104	43,127	197,732	87,752	47,735	23,889	26,419
Maine	28,431	18,659	4,158	5,124	24,380	10,672	7,000	4,026	1,326	944
New Hampshire	5,878	9,277	1,761	—	5,160	13,523	5,834	4,433	2,034	944
Vermont	12,022	8,880	1,395	2,800	—	9,054	2,502	3,351	670	3,158
Massachusetts	141,573	37,327	15,322	60,295	28,719	97,931	52,641	22,740	9,286	9,565
Rhode Island	15,743	11,015	1,931	—	2,707	14,240	8,171	1,961	1,015	4,241
Connecticut	46,890	31,107	4,473	—	11,310	37,695	15,326	7,251	0,262	7,185
Middle Atlantic	1,299,152	408,174	53,608	101,657	730,715	771,149	390,357	68,692	157,467	70,359
New York ⁵	509,200	172,207	26,504	22,002	347,397	303,634	107,204	31,353	91,395	80,083
New Jersey	201,743	73,146	8,146	79,656	100,706	188,354	88,813	8,336	35,640	19,718
Pennsylvania	469,209	102,821	23,866	—	282,622	279,161	194,340	29,003	30,432	20,568
E. N. Central	643,999	451,938	67,074	1,468	133,519	502,737	146,211	77,550	38,812	213,686
Ohio	179,395	131,850	12,907	—	34,632	147,327	38,680	28,328	10,958	64,496
Indiana	74,571	66,601	6,354	—	1,626	69,178	23,715	0,216	3,319	29,245
Illinois	156,516	101,640	15,685	—	39,191	112,503	23,353	14,798	17,976	49,115
Michigan	115,871	92,513	11,959	—	11,899	105,687	34,405	15,272	4,532	47,601
Wisconsin	117,046	50,338	10,160	1,468	46,671	68,042	20,153	0,036	2,027	23,229
W. N. Central	437,921	253,487	66,682	—	117,752	324,919	126,696	52,957	32,104	104,621
Minnesota	107,177	61,733	10,714	—	37,730	65,243	30,473	10,777	4,525	17,198
Iowa	102,715	50,569	13,473	—	32,670	79,225	17,118	7,969	0,341	40,355
Missouri	81,383	39,688	11,765	—	29,932	62,942	26,106	11,538	12,512	1,047
North Dakota	24,491	10,653	6,497	—	7,341	21,836	10,354	3,247	2,107	5,484
South Dakota	23,023	12,041	6,465	—	4,619	20,236	7,833	4,807	747	7,019
Nebraska	40,170	32,362	7,231	—	4,577	36,077	13,072	6,242	1,833	14,140
Kansas	55,300	30,843	10,537	—	4,080	40,500	21,687	8,877	3,739	12,772
South Atlantic	916,259	404,578	52,172	186,958	272,551	602,672	317,562	97,331	67,559	56,945
Delaware	45,607	6,377	1,670	2,005	35,455	32,014	23,886	1,784	4,488	—
Maryland	144,284	42,028	4,118	25,027	72,511	83,879	51,482	6,284	6,280	18,608
Dist. of Columbia	15,275	11,840	1,235	—	2,200	10,979	—	—	—	9,039
Virginia	108,614	55,230	6,583	23,158	23,643	76,041	42,614	19,408	9,829	1,700
West Virginia	65,055	31,517	3,714	18,561	11,873	50,928	17,751	23,222	9,324	—
North Carolina	254,449	85,403	9,100	75,708	84,178	135,859	92,235	21,081	18,333	—
South Carolina	62,638	34,808	5,313	10,016	12,601	45,988	17,908	9,171	10,932	4,449
Georgia	87,055	57,163	15,811	—	14,681	73,547	30,706	6,176	2,849	10,511
Florida	132,122	70,552	4,028	32,403	15,449	93,437	40,980	10,205	5,524	12,548
E. S. Central	298,651	189,370	28,054	2,228	78,999	236,649	89,832	29,021	26,893	71,877
Kentucky	38,058	61,625	9,631	—	21,802	67,361	44,449	10,693	4,483	6,398
Tennessee	101,079	50,407	6,845	—	35,427	78,615	24,075	9,114	8,093	24,325
Alabama	62,092	45,234	4,922	—	12,536	48,807	0,276	4,759	5,788	25,312
Mississippi	51,222	33,104	0,650	2,228	9,234	41,866	11,432	4,455	8,529	15,872
W. S. Central	557,848	301,272	49,246	48,349	158,981	367,157	157,099	53,825	42,469	71,205
Arkansas	71,555	32,687	7,883	7,023	23,962	45,905	18,639	9,541	0,015	6,715
Louisiana	129,798	61,657	9,107	10,047	58,987	70,610	33,068	12,550	14,404	8,768
Oklahoma	126,075	68,852	9,466	31,279	29,478	72,735	22,735	9,687	4,856	28,905
Texas	227,420	158,070	22,790	—	46,554	177,511	82,057	27,041	14,006	26,877
Mountain	198,054	115,825	49,010	6,353	26,866	162,555	83,849	26,438	17,623	28,265
Montana	29,954	16,557	8,319	—	6,078	21,897	11,742	4,758	2,082	2,529
Idaho	20,701	13,064	4,606	—	2,521	18,076	8,436	3,453	932	5,653
Wyoming	17,939	7,705	5,780	—	4,448	14,103	8,265	3,329	681	1,640
Colorado	48,008	28,634	8,407	6,353	4,014	37,785	18,023	3,420	4,342	10,246
New Mexico	30,267	20,070	7,445	—	2,742	26,141	12,805	4,110	6,235	1,180
Arizona	24,320	15,372	4,614	—	4,343	16,691	10,438	2,728	1,218	4,676
Utah	17,270	10,063	5,209	—	1,995	15,069	7,837	2,937	1,247	2,134
Nevada	9,506	4,700	4,624	—	122	9,496	6,303	1,703	886	299
Pacific	464,866	346,269	35,703	—	82,903	395,940	134,501	42,938	40,758	108,992
Washington	85,587	59,707	11,061	—	14,819	77,524	22,427	9,950	5,497	20,444
Oregon	85,042	45,214	6,609	—	6,759	49,023	15,584	12,062	5,702	13,488
California	320,037	241,339	17,973	—	61,325	208,493	86,490	20,917	20,559	75,060

¹ Balances from 1949, totaling \$1,454,800,000; and miscellaneous revenues, totaling \$190,004,000.

² Includes disbursements not shown separately and not elsewhere included: For collection and administration of highway-user revenues, \$100,163,000; for nonhighway purposes, \$226,001,000.

³ Includes some administrative, equipment, and miscellaneous disbursements.

⁴ Disbursements for interest; retirement of debt; local debt assumed; highway police; and those for administration, engineering, and miscellaneous.

⁵ Includes transactions of Port of New York Authority.

⁶ Expenditures on county roads under State control included with those for State-administered highways.

Source: Department of Commerce, Bureau of Public Roads; *Highway Statistics*, 1950.

No. 594.—FEDERAL HIGHWAY PROJECTS, BY STATES: STATUS AS OF JUNE 30, 1951

[All figures except mileage data in thousands of dollars. Data include projects financed with Federal-aid and emergency funds]

STATE OR OTHER AREA	COMPLETED DURING FISCAL YEAR			UNDER CONSTRUCTION			APPROVED—NOT UNDER CONSTRUCTION			Federal-aid funds available for future projects
	Total cost	Federal funds	Miles	Total cost	Federal funds	Miles	Total cost	Federal funds	Miles	
Total	731,827	374,268	19,278.8	1,200,813	605,655	14,771.8	335,914	168,679	6,751.2	316,199
Alabama	9,235	4,939	414.4	17,365	8,417	408.5	7,345	3,714	162.7	15,739
Arizona	7,801	5,371	186.9	4,340	3,109	49.9	892	517	13.3	1,255
Arkansas	15,022	7,355	397.3	13,702	7,009	360.1	5,325	2,656	175.3	4,028
California	23,447	11,307	208.6	62,878	30,691	302.9	19,295	9,230	75.5	9,105
Colorado	15,409	8,888	385.4	13,629	7,409	273.1	4,507	2,495	121.5	3,586
Connecticut	7,588	4,126	12.4	8,637	4,618	8.1	2,805	1,588	7.2	3,236
Delaware	4,762	2,260	83.1	5,333	2,602	19.1	10	9	—	2,774
District of Columbia	1,071	531	3.6	1,175	780	—	2,965	1,482	3.2	3,521
Florida	9,756	4,763	291.0	20,045	9,861	417.9	7,763	4,081	117.2	4,710
Georgia	26,941	13,185	605.4	32,585	16,681	680.3	9,722	3,677	68.4	8,170
Idaho	6,565	3,972	216.6	8,490	4,879	279.8	2,308	1,416	87.8	5,431
Illinois	29,860	13,818	305.6	68,966	35,534	550.0	19,238	9,688	212.0	21,889
Indiana	9,515	5,055	49.5	17,437	8,851	96.3	8,869	4,306	181.9	11,887
Iowa	22,093	11,074	1,090.6	19,916	10,326	596.9	9,068	4,453	434.8	3,886
Kansas	20,531	10,405	1,547.9	13,028	6,498	517.2	6,130	3,074	306.9	7,542
Kentucky	13,909	6,933	309.4	17,055	8,463	275.9	3,904	2,193	72.1	2,830
Louisiana	17,340	9,170	225.7	18,023	9,163	201.7	8,505	3,994	65.5	6,214
Maine	5,186	2,560	76.8	7,977	4,260	70.2	817	367	5.9	3,089
Maryland	11,539	5,743	67.2	12,567	6,030	54.7	5,480	3,179	45.8	4,557
Massachusetts	8,866	4,571	19.9	70,316	35,005	59.3	5,845	2,241	1.0	2,477
Michigan	23,541	11,026	485.4	48,853	21,287	363.7	10,898	5,080	200.3	6,685
Minnesota	19,896	10,234	1,346.1	26,868	14,095	735.6	8,705	5,009	659.7	4,638
Mississippi	8,156	4,275	323.0	13,123	6,589	374.0	9,555	5,130	227.1	8,639
Missouri	16,208	8,644	753.5	33,925	17,816	553.1	15,498	7,870	401.9	10,286
Montana	11,435	6,962	474.4	13,617	8,188	262.6	5,194	3,014	152.2	5,163
Nebraska	10,428	5,740	248.9	16,827	8,758	525.0	5,068	2,480	98.7	9,234
Nevada	5,431	4,308	210.8	3,294	2,722	130.8	5,546	468	34.9	3,631
New Hampshire	3,328	1,633	28.7	5,676	2,819	49.9	418	185	5.7	2,887
New Jersey	14,845	7,020	27.2	15,459	7,302	23.6	9,607	4,739	3.0	4,937
New Mexico	10,505	6,786	409.9	10,729	6,959	230.1	2,520	1,005	46.0	3,249
New York	51,868	25,464	106.6	112,060	52,997	250.1	17,721	8,100	170.8	83,162
North Carolina	18,902	9,215	500.9	29,102	14,154	625.2	5,010	2,379	117.0	5,027
North Dakota	11,848	5,944	925.5	7,800	3,892	618.4	7,038	3,512	407.8	2,251
Ohio	21,515	10,472	215.1	82,058	41,980	342.5	5,333	2,719	163.4	14,650
Oklahoma	18,947	9,294	585.3	24,346	12,316	392.8	5,950	3,306	123.2	3,640
Oregon	12,367	6,748	187.2	16,388	9,146	217.9	4,064	2,230	96.8	1,238
Pennsylvania	39,486	18,152	98.9	86,629	42,704	232.0	15,487	7,739	52.8	14,619
Rhode Island	1,799	949	0.2	14,771	7,503	17.1	1,050	565	2.5	2,056
South Carolina	10,180	5,016	541.5	13,494	8,293	249.5	2,122	1,043	5.4	3,345
South Dakota	8,849	5,203	896.8	11,200	6,761	671.0	5,580	3,066	291.5	2,200
Tennessee	14,261	6,774	444.7	24,344	11,540	343.5	8,601	4,033	198.7	4,638
Texas	54,551	27,155	2,256.1	49,328	23,340	778.2	18,037	9,175	198.2	10,453
Utah	5,551	3,906	151.3	6,254	4,733	202.0	1,299	951	36.6	2,864
Vermont	1,969	970	30.9	4,660	2,290	32.5	843	427	6.2	1,122
Virginia	18,509	9,482	373.3	16,387	8,700	280.5	11,831	5,905	275.0	7,067
Washington	13,070	6,208	206.1	21,974	10,721	132.2	4,599	2,255	105.7	3,857
West Virginia	7,857	3,914	67.9	9,349	4,740	99.8	4,291	2,151	60.1	3,810
Wisconsin	18,446	9,155	515.9	19,750	9,752	482.4	11,178	5,261	203.2	7,835
Wyoming	6,214	4,029	303.0	9,363	5,877	276.2	1,976	1,287	60.3	1,204
Hawaii	2,537	1,244	21.9	9,441	3,547	23.7	1,157	378	.5	1,452
Puerto Rico	5,823	2,224	20.5	8,781	3,910	36.0	4,065	1,961	14.4	3,060

Source: Department of Commerce, Bureau of Public Roads; June 30 statements on status of Federal highway projects and balances of funds apportioned to all States for programmed projects.

No. 595.—PUBLIC ROAD FINANCES—COUNTY, LOCAL RURAL ROADS, CITY AND VILLAGE STREETS, FUNDS CONTRIBUTED AND DISBURSED: 1930 TO 1950

[In millions of dollars. Data are for varying fiscal years, as reported by individual States. Includes State disbursements. See also *Historical Statistics*, series K 205-224]

SOURCE OR PURPOSE	1930	1935	1940	1945 ¹	1947 ¹	1948 ¹	1949 ¹	1950 ¹
APPROXIMATE FUNDS CONTRIBUTED								
County and local rural roads, total	800	624	893	554	850	959	1,016	1,067
County and local rural revenue sources.....	509	235	243	257	321	348	367	396
Borrowings.....	95	50	08	² 22	² 104	² 87	² 87	² 104
State revenues.....	190	217	273	268	401	488	514	528
Federal funds.....		122	309	7	24	36	48	39
City and village streets, total	911	490	596	403	585	640	670	979
Revenue of—								
Counties and local rural agencies.....	(³)	12	12	8	11	11	10	26
Urban places.....	787	335	347	315	383	390	402	598
Borrowings.....	112	17	17	² 33	² 96	² 117	² 124	² 200
State highway-user imposts.....	12	23	53	47	93	118	131	154
Federal work-relief funds (mainly WPA).....		103	167					
Federal funds.....					2	4	3	1
DISBURSEMENTS								
County and local rural roads, total	813	605	997	525	822	941	1,012	1,113
Capital outlay.....	297	207	455	83	254	313	349	393
Maintenance and administration.....	321	212	265	333	458	519	555	607
Debt retirement.....	113	111	120	⁴ 77	⁴ 70	⁴ 78	⁴ 77	⁴ 85
Interest.....	82	75	58	32	31	31	31	28
City and village streets, total	799	461	567	411	623	685	718	980
Capital outlay.....	478	223	344	59	203	234	252	399
Maintenance and administration.....	230	170	162	224	207	328	344	447
Debt retirement.....	(³)	(³)	(³)	⁴ 84	⁴ 81	⁴ 81	⁴ 80	⁴ 90
Interest.....	91	68	61	44	42	42	42	44

¹ Preliminary estimate.

² Excludes refunding issues.

³ Not available.

⁴ Excludes retirement by refunding.

Source: Department of Commerce, Bureau of Public Roads.

No. 596.—MOTOR VEHICLES—ESTIMATE OF TRAVEL OF MOTOR VEHICLES: 1936 TO 1948

[In million vehicle miles. Excludes military-vehicle travel beginning 1942. See also *Historical Statistics*, series K 236-238b]

TYPE OF VEHICLE AND AREA	1936	1940	1944	1945	1946	1947	1948
All motor vehicles:							
Total travel.....	252,128	302,143	211,580	249,344	340,655	370,622	397,589
Urban travel.....	129,450	140,993	110,760	130,161	170,049	184,088	190,082
Rural travel.....	122,678	152,150	100,830	119,183	170,606	186,534	198,507
Passenger vehicles:							
Urban travel.....	110,419	130,269	93,679	111,323	148,497	158,770	170,331
Rural travel.....	100,602	121,947	76,193	92,034	136,012	145,763	153,411
Trucks and combinations:							
Urban travel.....	19,031	10,724	17,071	18,838	21,552	25,318	28,751
Rural travel.....	22,076	30,203	24,637	27,149	34,594	40,771	45,096

Source: Department of Commerce, Bureau of Public Roads; *Highway Statistics, 1948*, and previous annual statements on vehicle miles.

No. 597.—MOTOR VEHICLES—FACTORY SALES AND REGISTRATIONS: 1900 TO 1950

[For 1923 and subsequent years includes data for motor vehicles assembled in foreign countries from parts made in United States. Excludes motorcycles. See also *Historical Statistics*, series K 225-232]

YEAR	FACTORY SALES						REGISTRATIONS (IN THOUSANDS)		
	Number (in thousands)			Wholesale value ² (thousands of dollars)			Total (excl. publicly owned)	Passen- ger cars, and taxis ³	Motor trucks and busses ³
	Total	Passen- ger cars	Motor trucks ¹	Total	Passen- ger cars	Motor trucks ¹			
1900.....	4	4	—	4,899	4,899	—	8	8	—
1905.....	25	24	1	40,000	38,670	1,330	79	77	1
1910.....	187	181	6	225,000	215,340	9,660	469	458	10
1915.....	970	896	74	701,778	575,978	125,800	2,491	2,392	159
1920.....	2,227	1,906	322	2,232,420	1,809,171	423,249	9,230	8,132	1,108
1923.....	4,034	3,625	409	2,504,810	2,196,272	308,538	15,102	13,253	1,849
1924.....	3,603	3,186	417	2,288,677	1,970,007	318,681	17,613	15,436	2,177
1925.....	4,266	3,735	531	2,916,770	2,458,370	458,400	19,941	17,440	2,501
1926.....	4,301	3,784	517	3,092,188	2,640,065	452,123	22,053	19,221	2,832
1927.....	3,401	2,937	465	2,584,802	2,164,671	420,131	23,140	20,142	2,997
1928.....	4,359	3,815	543	3,013,622	2,576,490	437,132	24,612	21,308	3,204
1929.....	5,358	4,587	771	3,413,148	2,847,119	566,030	26,603	23,060	3,442
1930.....	3,356	2,785	571	2,034,835	1,645,399	389,437	26,632	22,973	3,559
1931.....	2,390	1,973	417	1,373,691	1,111,274	262,418	25,862	22,330	3,532
1932.....	1,371	1,135	235	754,485	618,291	136,193	24,133	20,832	3,300
1933.....	1,920	1,574	347	943,806	762,737	181,069	23,877	20,586	3,290
1934.....	2,763	2,178	575	1,407,260	1,147,116	320,144	24,954	21,472	3,482
1935.....	3,947	3,252	695	2,088,834	1,709,426	379,408	26,230	22,405	3,735
1936.....	4,454	3,670	785	2,478,407	2,015,646	462,820	28,172	24,108	4,004
1937.....	4,809	3,916	893	2,778,227	2,243,732	534,495	29,706	25,391	4,315
1938.....	2,489	2,001	488	1,570,950	1,236,802	334,148	29,443	25,107	4,276
1939.....	3,577	2,897	710	2,260,018	1,765,189	494,820	30,615	26,140	4,476
1940.....	4,472	3,717	755	2,938,474	2,370,654	567,820	32,035	27,372	4,663
1941.....	4,841	3,780	1,061	3,637,006	2,567,206	1,069,800	34,472	29,524	4,948
1942.....	1,042	223	810	1,591,270	103,814	1,427,457	32,579	27,869	4,710
1943.....	700	(⁴)	700	1,451,890	102	1,451,794	30,590	25,913	4,687
1944.....	738	1	738	1,701,376	447	1,700,929	30,088	25,400	4,620
1945.....	725	70	656	1,230,210	57,255	1,181,056	30,038	25,091	4,947
1946.....	3,090	2,149	941	3,023,028	1,979,781	1,043,247	33,916	28,100	5,816
1947.....	4,798	3,558	1,240	5,673,739	3,963,896	1,709,843	37,360	30,719	6,642
1948.....	5,285	3,909	1,376	6,711,612	4,853,402	1,858,210	40,542	33,201	7,341
1949.....	6,254	5,119	1,134	8,175,853	6,768,418	1,407,435	44,120	36,293	7,828
1950.....	8,003	6,066	1,937	10,380,752	8,633,272	1,747,480	48,567	40,185	8,382

¹ Includes busses. A substantial part of the trucks and busses reported comprises chassis without body; hence value of bodies for these chassis not included. Includes military trucks; total sales for the period Sept. 1, 1930, through 1946, amounted to 2,575,000, valued at \$5,257,588,000. Production for the period Jan. 1, 1940, through 1946 was 2,601,000.

² Prior to 1925, busses included with passenger cars.

³ Beginning 1937, represents standard equipment.

⁴ Less than 500.

Source: Factory sales—Automobile Manufacturers Association, Detroit, Mich.; *Automobile Facts and Figures*. Registrations—Department of Commerce, Bureau of Public Roads; *Highway Statistics, Summary to 1945*, and subsequent annual reports.

No. 598.—MOTOR FUEL CONSUMPTION: 1942 TO 1950

[In millions of gallons. Excludes exports and Federal purchases for military use. Data obtained chiefly from reports of State authorities. See also *Historical Statistics*, series K 233-235 for data on total highway and non-highway usage]

USE	1942	1943	1944	1945	1946	1947	1948	1949	1950
Total consumption.....	22,692	18,871	19,524	22,304	29,201	32,036	34,707	36,835	40,280
Total usage.....	22,439	18,643	19,292	22,047	28,877	31,691	34,329	36,440	39,831
Highway.....	19,940	16,004	16,430	19,149	25,640	28,216	30,461	32,431	35,053
Nonhighway.....	2,499	2,639	2,862	2,898	3,228	3,465	3,869	4,009	4,778
Private and commercial use, total.....	21,831	18,196	18,837	21,576	28,382	31,030	33,016	35,690	39,033
Highway.....	19,473	15,668	16,090	18,708	25,269	27,714	29,000	31,850	35,034
Nonhighway.....	2,358	2,528	2,748	2,773	3,113	3,315	3,707	3,840	3,999
Public use, total.....	608	447	455	471	495	561	713	750	798
Federal, highway.....	101	42	42	43	44	58	64	67	69
State, county, and municipal.....	507	405	412	428	450	503	640	683	729
Highway.....	366	294	298	308	336	443	488	514	550
Nonhighway.....	141	111	115	120	115	140	162	169	179
Losses allowed for evaporation, handling, etc.....	254	229	232	257	325	355	378	395	440

Source: Department of Commerce, Bureau of Public Roads; *Highway Statistics, Summary to 1945*, and subsequent annual reports.

No. 599.—MOTOR-VEHICLE REGISTRATIONS (COMBINED FIGURES FOR PASSENGER CARS, BUSES, AND MOTOR TRUCKS), BY STATES: 1915 TO 1950

[Excludes 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 reregistrations and non-resident registrations]

[In thousands]

DIVISION AND STATE	1915	1920	1925	1930	1935	1940	1945	1949	1950
Continental U. S.	2,491	9,239	19,941	26,532	26,230	32,035	30,638	44,140	48,567
New England	206	573	1,281	1,699	1,682	2,020	1,967	2,587	2,784
Maine	22	63	140	180	181	206	207	249	272
New Hampshire	13	35	81	112	117	135	128	164	160
Vermont	11	32	70	87	82	94	90	114	119
Massachusetts	103	274	637	846	786	904	859	1,167	1,266
Rhode Island	16	50	102	137	140	187	178	234	240
Connecticut	41	119	251	331	367	494	505	659	709
Middle Atlantic	497	1,474	3,537	4,921	4,964	5,976	5,311	7,546	8,235
New York	255	676	1,626	2,308	2,331	2,743	2,330	3,397	3,693
New Jersey	82	228	581	853	888	1,087	1,020	1,426	1,564
Pennsylvania	160	570	1,330	1,760	1,745	2,146	1,961	2,723	2,978
East North Central	667	2,229	4,917	6,383	6,085	7,298	6,884	9,581	10,419
Ohio	181	621	1,346	1,750	1,715	1,919	1,905	2,562	2,768
Indiana	97	333	725	875	861	1,000	984	1,330	1,424
Illinois	181	569	1,263	1,638	1,626	1,926	1,721	2,396	2,632
Michigan	115	413	989	1,328	1,239	1,552	1,454	2,181	2,409
Wisconsin	93	293	694	783	754	901	820	1,111	1,186
West North Central	500	1,782	2,942	3,682	3,494	3,960	3,663	5,093	5,437
Minnesota	93	324	570	733	727	871	750	1,058	1,158
Iowa	145	437	650	778	699	794	693	978	1,060
Missouri	76	297	604	762	766	922	854	1,186	1,252
North Dakota	25	91	145	183	164	182	181	257	273
South Dakota	29	120	168	205	179	166	179	269	287
Nebraska	59	219	339	426	406	412	406	538	563
Kansas	73	294	457	595	553	583	600	807	844
South Atlantic	161	806	1,920	2,518	2,687	3,408	3,453	5,185	5,822
Delaware	5	18	40	56	57	72	68	95	107
Maryland	31	103	234	322	346	444	459	611	679
District of Columbia	19	34	103	167	171	162	111	177	191
Virginia	21	115	283	376	386	500	548	809	906
West Virginia	13	81	218	266	248	303	284	431	475
North Carolina	21	141	340	453	463	592	606	903	1,035
South Carolina	15	94	168	218	236	337	336	519	570
Georgia	25	146	248	342	394	503	523	783	888
Florida	11	74	286	328	356	495	518	856	971
East South Central	68	358	879	1,215	1,129	1,513	1,517	2,440	2,768
Kentucky	20	113	262	331	346	464	435	684	774
Tennessee	26	102	245	308	352	450	460	738	842
Alabama	12	75	195	279	245	340	359	586	675
Mississippi	10	68	177	237	186	250	263	431	477
West South Central	84	773	1,794	2,411	2,360	2,891	2,767	4,310	4,918
Arkansas	8	59	184	220	207	257	275	427	471
Louisiana	11	73	207	275	269	365	404	603	699
Oklahoma	25	213	424	550	502	575	505	743	819
Texas	40	428	979	1,368	1,382	1,694	1,583	2,536	2,929
Mountain	81	371	677	964	959	1,239	1,193	1,835	2,039
Montana	15	61	95	135	150	191	187	240	259
Idaho	7	51	82	119	118	163	151	239	267
Wyoming	4	24	48	62	70	86	82	131	142
Colorado	29	129	240	309	285	352	342	502	556
New Mexico	7	18	49	84	92	125	118	200	233
Arizona	8	35	68	111	103	138	143	235	264
Utah	9	43	74	114	106	140	154	220	243
Nevada	2	10	21	30	35	44	46	67	75
Pacific	227	873	1,994	2,739	2,900	3,730	3,883	5,564	6,145
Washington	39	174	329	446	454	562	614	838	903
Oregon	24	115	217	252	294	394	414	621	678
California	104	584	1,448	2,041	2,152	2,774	2,855	4,104	4,564

Source: Department of Commerce, Bureau of Public Roads; *Highway Statistics, Summary to 1945*; and subsequent annual reports.

No. 600.—MOTOR-VEHICLE REGISTRATIONS AND REVENUES, BY STATES: 1950

DIVISION AND STATE	NUMBER OF MOTOR CARS						RECEIPTS FROM MOTOR-VEHICLE ADMINISTRATION	
	Total	Registered vehicles, private and commercial		Publicly owned vehicles, Federal, State, county, etc. ¹	Trailers, registered (including official) ²	Motor-cycles, registered (including official)	Total receipts ³	Registration, motor cars ⁴
		Passenger cars and taxis	Trucks and busses				Thousands of dollars	
Continental U. S.	49,161,691	40,185,146	8,381,838	594,707	2,427,990	453,874	904,271	725,928
New England.....	2,816,491	2,385,543	398,437	32,511	111,353	16,963	38,184	30,116
Maine.....	276,421	208,908	63,304	4,119	20,241	2,581	6,381	5,205
New Hampshire.....	172,339	136,624	32,164	3,551	9,557	1,832	4,175	3,579
Vermont.....	120,839	104,206	15,104	1,288	6,240	942	4,061	3,502
Massachusetts.....	1,280,329	1,098,770	167,471	14,088	50,339	5,863	8,031	6,630
Rhode Island.....	250,869	216,363	32,058	2,448	4,510	1,816	4,621	3,767
Connecticut.....	715,935	620,582	88,336	7,017	20,466	4,220	10,015	7,433
Middle Atlantic.....	8,324,114	7,116,382	1,118,578	89,154	225,315	62,919	169,633	135,500
New York.....	3,735,113	3,240,425	452,652	42,036	111,904	25,886	76,436	68,046
New Jersey.....	1,579,181	1,347,275	216,380	15,526	25,806	9,941	37,394	24,797
Pennsylvania.....	3,009,820	2,528,682	449,546	31,592	87,005	27,092	55,803	42,057
East North Central.....	10,514,798	8,972,407	1,446,776	95,615	638,926	103,389	182,961	154,935
Ohio.....	2,795,073	2,427,145	341,015	26,913	197,217	25,576	51,328	41,144
Indiana.....	1,434,885	1,187,809	236,586	10,490	130,492	20,766	24,794	20,056
Illinois.....	2,650,968	2,281,759	349,957	19,252	60,497	26,682	41,790	38,050
Michigan.....	2,432,684	2,114,572	294,230	23,873	234,776	19,851	42,405	34,029
Wisconsin.....	1,201,188	961,122	224,079	15,087	15,944	10,514	22,644	20,756
West North Central.....	5,491,663	4,326,405	1,110,897	54,361	402,247	47,561	97,837	88,649
Minnesota.....	1,168,887	962,629	195,475	10,783	92,330	11,765	22,929	21,404
Iowa.....	1,072,200	878,600	181,748	11,936	122,051	11,582	28,228	26,313
Missouri.....	1,261,420	990,204	261,007	9,549	78,112	8,172	18,144	15,012
North Dakota.....	276,027	191,137	82,202	2,598	2,776	1,060	5,199	4,686
South Dakota.....	290,080	215,485	71,083	3,512	32,703	1,999	4,252	3,806
Nebraska.....	509,497	441,641	121,920	6,036	58,575	4,870	8,401	7,203
Kansas.....	853,402	646,743	196,772	9,947	15,700	8,113	10,084	9,085
South Atlantic.....	5,905,464	4,709,060	1,112,342	84,062	261,606	65,096	104,280	74,058
Delaware.....	108,272	85,944	20,891	1,437	4,392	721	1,908	1,373
Maryland.....	684,748	573,482	105,578	5,688	15,400	6,387	18,067	8,412
District of Columbia.....	194,958	169,892	20,645	4,421	1,745	952	3,070	1,604
Virginia.....	917,744	734,362	171,144	12,238	35,502	11,320	13,301	10,332
West Virginia.....	482,275	361,586	113,280	7,409	10,765	3,088	13,302	8,953
North Carolina.....	1,056,309	830,526	204,557	21,226	75,446	11,831	20,005	17,268
South Carolina.....	578,802	462,357	107,729	8,716	9,267	5,699	5,178	3,795
Georgia.....	897,518	692,409	195,537	9,572	20,771	8,292	5,642	3,865
Florida.....	984,838	798,502	172,981	13,355	79,678	15,997	23,117	18,456
East South Central.....	2,812,021	2,110,662	656,712	44,647	33,114	24,643	43,631	32,641
Kentucky.....	783,724	602,933	171,009	9,092	9,19	7,547	13,408	5,809
Tennessee.....	858,111	690,215	172,278	16,618	10,104	7,770	12,324	10,960
Alabama.....	685,812	509,698	165,207	10,007	12,115	7,096	10,933	9,584
Mississippi.....	484,374	328,816	148,128	7,430	20,876	2,230	6,906	6,288
West South Central.....	4,983,509	3,794,906	1,122,750	65,853	207,421	43,486	103,588	71,909
Arkansas.....	477,265	319,008	151,395	6,862	24,775	2,374	8,902	7,596
Louisiana.....	706,733	548,202	150,940	7,591	32,156	6,182	6,812	5,010
Oklahoma.....	831,308	616,412	202,853	12,103	14,140	7,240	20,302	15,040
Texas.....	2,968,148	2,311,284	617,602	39,297	130,350	27,690	67,572	44,263
Mountain.....	2,079,886	1,540,782	499,420	39,684	116,649	18,151	26,121	20,053
Montana.....	264,892	180,307	78,976	5,600	7,128	1,223	4,803	3,882
Idaho.....	272,362	195,648	71,849	4,865	36,079	2,781	2,863	2,232
Wyoming.....	145,423	102,401	39,403	3,619	15,659	1,047	1,578	1,103
Colorado.....	564,210	430,306	125,722	8,182	22,365	4,629	5,200	3,593
New Mexico.....	237,741	172,005	61,251	4,485	6,499	2,574	4,813	4,058
Arizona.....	270,799	204,935	59,410	6,445	22,352	3,673	3,546	2,306
Utah.....	247,317	196,614	46,570	4,133	1,852	1,635	2,655	2,363
Nevada.....	77,142	58,566	16,230	2,346	4,715	589	603	516
Pacific.....	6,233,745	5,228,999	915,926	88,820	431,359	71,666	138,036	118,067
Washington.....	924,220	746,281	156,898	21,041	41,302	6,703	20,390	15,867
Oregon.....	689,447	545,959	132,231	11,257	23,046	7,748	13,386	11,898
California.....	4,620,078	3,936,759	626,797	55,522	367,011	57,215	104,260	90,302

¹ Excludes vehicles owned by military services.² As reported. State registration requirements differ widely.³ Includes registration fees, certificates of title, transfer or registration fees, permits, fines, etc.; excludes motor-fuel and motor-carrier taxes; for California, includes \$49,517,000 vehicle license fees and for Washington, \$7,339,000 motor vehicle excise taxes.⁴ Includes fees for registration of automobiles (including taxicabs), busses, and trucks and tractor trucks.⁵ Commercial full trailers included with trucks.⁶ Includes fees for registration of trailers.⁷ Data for trucks under 1,500 pounds capacity included with automobiles.⁸ Includes 1,224 automobiles of the diplomatic corps.⁹ Represents publicly owned only. Heavy semitrailers registered with tractors (as a unit). Automobile trailers not required to register.Source: Department of Commerce, Bureau of Public Roads; *Highway Statistics, 1950*.

MOTOR-VEHICLE ACCIDENT FATALITIES

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No. 601.—NUMBER OF MOTOR-VEHICLE ACCIDENT FATALITIES BY PLACE OF ACCIDENT, PLACE OF DEATH, AND PLACE OF RESIDENCE: REPORTING AREA AND EACH REPORTING STATE, 1949

[Based on special transcripts supplied through cooperation of State vital statistics offices and State traffic authorities in a reporting area which covered 47 States and the District of Columbia and represented 99.5 percent of population of United States. Reported fatalities represented about 99.8 percent of total motor-vehicle accident fatalities in United States in 1949]

STATE	FATALITIES FROM ACCIDENTS OCCURRING IN 1949 (BY PLACE OF ACCIDENT)			DEATHS OCCURRING IN 1949 (BY PLACE OF DEATH)			FATALITIES FROM ACCIDENTS OCCURRING IN 1949 (BY PLACE OF RESIDENCE)		
	Total	Traffic	Non-traffic	Total	Traffic	Non-traffic	Total	Traffic	Non-traffic
Reporting area.....	30,664	29,945	719	30,728	30,012	716	30,656	29,936	720
Alabama.....	689	674	15	682	667	15	706	690	16
Arizona.....	285	274	11	286	275	11	234	222	12
Arkansas.....	283	281	2	270	274	2	302	297	5
California.....	3,054	2,953	101	3,066	2,955	101	3,149	3,044	105
Colorado.....	328	314	14	327	314	13	316	302	14
Connecticut.....	214	206	8	219	212	7	212	204	8
Delaware.....	82	81	1	79	78	1	73	71	2
District of Columbia.....	62	62	—	86	86	—	118	118	—
Florida.....	680	660	20	678	658	20	642	622	20
Georgia.....	701	684	17	706	689	17	681	666	15
Idaho.....	171	167	4	173	160	4	160	156	4
Illinois.....	1,727	1,719	8	1,729	1,721	8	1,773	1,764	9
Indiana.....	1,124	1,108	16	1,131	1,114	17	1,074	1,058	16
Iowa.....	558	550	8	554	556	8	540	533	7
Kansas.....	504	492	12	503	491	12	497	485	12
Kentucky.....	651	644	7	646	639	7	655	647	8
Louisiana.....	473	466	7	475	468	7	466	460	6
Maine.....	102	155	7	161	154	7	161	154	7
Maryland.....	470	460	10	460	450	10	408	401	7
Massachusetts.....	434	427	7	446	439	7	469	452	7
Michigan.....	1,478	1,436	42	1,483	1,442	41	1,576	1,533	43
Minnesota.....	549	530	19	553	534	19	560	541	19
Mississippi.....	395	393	2	388	386	2	375	374	1
Missouri.....	822	801	21	822	801	21	835	813	22
Montana.....	165	162	3	162	159	3	152	148	4
Nebraska.....	250	255	4	254	250	4	267	263	4
Nevada.....	87	84	3	95	92	3	66	63	3
New Hampshire.....	71	69	2	71	69	2	70	68	2
New Jersey.....	607	587	20	613	592	21	618	601	17
New Mexico.....	288	283	5	280	285	4	212	207	5
New York.....	1,853	1,819	34	1,872	1,838	34	1,968	1,927	36
North Carolina.....	951	925	26	950	925	25	935	913	22
North Dakota.....	143	137	6	148	142	6	146	141	5
Ohio.....	1,738	1,710	28	1,748	1,720	28	1,747	1,718	29
Oklahoma.....	549	516	33	530	497	33	550	522	28
Oregon.....	353	350	3	358	355	3	352	349	3
Pennsylvania.....	1,662	1,631	31	1,640	1,619	30	1,718	1,684	34
Rhode Island.....	—	—	—	—	—	—	—	—	—
South Carolina.....	551	531	20	537	517	20	525	504	21
South Dakota.....	132	132	—	129	129	—	130	130	—
Tennessee.....	650	648	11	700	690	10	678	664	14
Texas.....	1,010	1,856	54	1,007	1,852	55	1,911	1,853	58
Utah.....	182	172	10	186	176	10	172	163	9
Vermont.....	52	52	—	53	53	—	52	52	—
Virginia.....	821	807	14	809	794	15	707	693	14
Washington.....	475	444	31	474	443	31	479	453	26
West Virginia.....	370	366	4	377	373	4	390	386	4
Wisconsin.....	750	734	16	749	733	16	719	703	16
Wyoming.....	140	138	2	139	137	2	116	115	1

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics: *Motor-Vehicle Accident Fatalities, 1949.*

No. 602.—NUMBER OF MOTOR-VEHICLE TRAFFIC ACCIDENT FATALITIES BY AGE, RACE, AND SEX, AND BY STATUS OF DECEDENT: REPORTING AREA, 1949

[See headnote, table 601]

AGE AND RACE	MALE					FEMALE				
	Total	Driver	Pas-senger	Pedes-trian	Other and not stated	Total	Driver	Pas-senger	Pedes-trian	Other and not stated
All ages.....	22,961	9,564	5,764	6,223	1,410	6,984	708	4,001	1,978	297
Under 1 year.....	96		91	2	3	88		80	6	2
1 to 4 years.....	625		223	395	7	432		194	233	5
5 to 14 years.....	1,416	45	378	724	260	639	3	238	361	37
15 to 19 years.....	2,121	895	904	138	184	641	43	509	56	33
20 to 24 years.....	3,205	1,851	1,014	160	180	562	77	430	34	21
25 to 34 years.....	3,992	2,352	1,000	337	243	907	183	504	86	44
35 to 44 years.....	2,854	1,602	640	478	134	766	144	451	131	40
45 to 54 years.....	2,524	1,101	575	706	142	782	109	462	182	20
55 to 64 years.....	2,509	917	420	1,052	120	875	109	469	202	35
65 to 74 years.....	2,187	566	271	1,266	84	805	34	364	375	32
75 years and over.....	1,356	217	158	941	40	473	6	199	251	17
Not stated.....	76	18	30	24	4	14		11	1	2
White.....	20,480	8,912	5,010	5,413	1,145	6,331	681	3,661	1,719	270
Under 1 year.....	84		82	2		82		75	5	2
1 to 4 years.....	548		207	336	5	385		181	199	5
5 to 14 years.....	1,238	44	339	619	236	564	2	222	305	35
15 to 19 years.....	1,946	855	818	117	150	598	41	476	49	32
20 to 24 years.....	2,905	1,731	886	129	150	491	74	372	24	21
25 to 34 years.....	3,474	2,146	889	249	190	788	175	514	62	37
35 to 44 years.....	2,437	1,442	515	377	103	679	138	401	103	37
45 to 54 years.....	2,184	1,026	485	573	100	689	105	418	141	25
55 to 64 years.....	2,307	888	367	958	94	822	108	446	237	31
65 to 74 years.....	2,021	551	248	1,155	67	766	32	354	353	27
75 years and over.....	1,274	215	147	878	34	456	6	193	240	17
Not stated.....	62	14	27	20	1	11		9	1	1
Nonwhite.....	2,481	652	754	810	265	653	27	340	259	27
Under 1 year.....	12		9		3	6		5	1	
1 to 4 years.....	77		16	59	2	47		13	34	
5 to 14 years.....	178	1	39	105	33	75	1	16	56	2
15 to 19 years.....	175	40	86	21	28	43	2	33	7	1
20 to 24 years.....	300	120	128	31	21	71	3	58	10	
25 to 34 years.....	518	206	171	88	53	119	8	80	24	7
35 to 44 years.....	417	160	125	101	31	87	6	50	28	3
45 to 54 years.....	340	75	90	133	42	93	4	44	41	4
55 to 64 years.....	202	20	53	94	26	53	1	23	25	4
65 to 74 years.....	166	15	23	111	17	39	2	10	22	6
75 years and over.....	82	2	11	63	6	17		6	11	
Not stated.....	14	4	3	4	3	3		2		1

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics; *Motor-Vehicle Accident Fatalities, 1949*.

MOTOR-VEHICLE ACCIDENT FATALITIES

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NO. 603.—NUMBER OF TRAFFIC ACCIDENT FATALITIES BY HOUR OF ACCIDENT AND PLACE OF ACCIDENT, URBAN AND RURAL: REPORTING AREA, 1949

[See headnote, table 601]

HOUR OF ACCIDENT	Total	Urban	Rural	HOUR OF ACCIDENT	Total	Urban	Rural
Total.....	29,945	7,938	22,007	12 m. to 12:59 p. m.	901	183	718
12 p. m. to 12:59 a. m.	1,359	321	1,038	1 p. m. to 1:59 p. m.	1,119	226	893
1 a. m. to 1:59 a. m.	1,099	299	800	2 p. m. to 2:59 p. m.	1,412	338	1,076
2 a. m. to 2:59 a. m.	607	142	525	3 p. m. to 3:59 p. m.	1,635	331	1,304
3 a. m. to 3:59 a. m.	441	94	347	4 p. m. to 4:59 p. m.	1,951	556	1,395
4 a. m. to 4:59 a. m.	488	101	387	5 p. m. to 5:59 p. m.	2,045	535	1,510
5 a. m. to 5:59 a. m.	509	129	440	6 p. m. to 6:59 p. m.	1,972	567	1,405
6 a. m. to 6:59 a. m.	615	131	484	7 p. m. to 7:59 p. m.	1,570	450	1,120
7 a. m. to 7:59 a. m.	640	114	526	8 p. m. to 8:59 p. m.	1,360	363	997
8 a. m. to 8:59 a. m.	729	140	589	9 p. m. to 9:59 p. m.	1,307	334	973
9 a. m. to 9:59 a. m.	823	171	652	10 p. m. to 10:59 p. m.	1,550	376	1,174
10 a. m. to 10:59 a. m.	904	211	693	11 p. m. to 11:59 p. m.	840	205	635
11 a. m. to 11:59 a. m.	1,313	331	982	Hour not stated.....	2,636	1,283	1,353

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics; *Motor-Vehicle Accident Fatalities, 1949.*

NO. 604.—NUMBER OF MOTOR-VEHICLE TRAFFIC ACCIDENT FATALITIES BY TYPE AND PLACE OF ACCIDENT, URBAN AND RURAL, BY MONTH OF ACCIDENT: REPORTING AREA, 1949

[See headnote, table 601]

TYPE AND PLACE OF ACCIDENT	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total.....	29,945	2,200	1,861	2,027	2,208	2,334	2,257	2,635	2,675	2,840	3,001	2,806	3,101
Collision.....	21,184	1,635	1,454	1,480	1,524	1,565	1,512	1,788	1,797	1,962	2,139	2,021	2,307
Pedestrian.....	8,034	752	594	611	610	591	500	529	621	658	798	801	969
Other motor vehicle.....	4,806	648	618	625	605	744	766	950	891	1,017	1,005	882	995
Other and not stated.....	3,344	235	242	244	249	220	246	309	285	287	336	338	343
Noncollision.....	8,322	530	388	513	647	736	721	803	837	834	819	745	759
Not stated.....	439	35	19	34	37	43	24	44	41	44	43	40	35
Urban.....	7,938	739	585	607	617	579	541	566	565	652	748	742	997
Collision.....	6,829	651	517	528	518	483	450	468	469	546	651	659	883
Pedestrian.....	4,379	451	345	350	321	327	272	264	301	322	404	435	587
Other motor vehicle.....	1,656	180	97	118	122	107	131	141	118	158	167	166	201
Other and not stated.....	704	70	75	60	75	49	53	63	50	66	80	58	95
Noncollision.....	972	74	63	64	89	83	76	81	82	99	90	69	102
Not stated.....	137	14	5	15	10	13	9	17	14	7	7	14	12
Rural.....	22,007	1,461	1,276	1,420	1,591	1,755	1,716	2,069	2,110	2,188	2,253	2,064	2,104
Collision.....	14,355	984	937	952	1,006	1,082	1,056	1,320	1,328	1,416	1,488	1,362	1,424
Pedestrian.....	3,655	301	249	261	289	264	228	265	330	336	394	366	382
Other motor vehicle.....	8,150	518	521	507	543	637	635	899	773	859	838	716	794
Other and not stated.....	2,550	165	167	184	174	181	193	246	235	221	256	280	248
Noncollision.....	7,350	456	325	449	558	643	645	722	755	735	729	676	657
Not stated.....	302	21	14	19	27	30	15	27	27	37	36	20	23

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics; *Motor-Vehicle Accident Fatalities, 1949.*

21. Transportation, Air and Land

(Sent to print April 10, 1952)

Steam railways.—Because of the long period in which it has been subject to close Federal regulation and the degree of its consolidation, there is an extensive coverage of important statistical items relating to the railway industry. The *Statistics of Railways in the United States*, published annually by the Interstate Commerce Commission since 1888, is the most important source for steam railway statistics. Various other periodical reports are also issued by the Interstate Commerce Commission. The Association of American Railroads supplements official railway statistics with various releases.

The term "steam railways" as used in this section includes electrified divisions operated by such carriers. The total steam railroad mileage of the United States comprises: (a) Regular interstate carriers (and their nonoperating subsidiaries) reporting to the Interstate Commerce Commission; (b) switching and terminal railroads, also reporting to the Commission; and (c) private railroads (defined by the Commission as "circular" because they report on brief circulars and as "unofficial"). Except in certain mileage data the circular and unofficial companies are not included in any of the statistics. The switching and terminal roads were formerly included with operating railways, but are now separated, and data for them do not appear in most of the tables.

Nonoperating subsidiaries include 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 railways are divided into three classes, according to the amount of their annual operating revenues, class I, having more than \$1,000,000 of such revenue; class II, from \$100,000 to \$1,000,000; and class III, less than \$100,000. During recent years more detailed reports are required from class I carriers than from smaller companies. The basis of the figures in each table is indicated by notes. Omission of class II and class III railroads affects very little the comparability of statistics with those of earlier years as regards most items, since the bulk of the business is done by class I.

The Interstate Commerce Commission divides railroads geographically into three districts and eight subsidiary regions. Each railroad is treated as a unit and placed wholly in some one district or region. Broadly speaking, the eastern district includes territory east of Chicago and north of the Ohio and Potomac Rivers; southern district, territory east of the Mississippi River and south of the Ohio and Potomac Rivers; and western district, the remainder of the country.

Electric railways.—The Interstate Commerce Commission issues annually an abstract of the annual reports of electric railways, chiefly interurban, which report to it. The American Transit Association publishes street railway statistics in its annual *Transit Fact Book*. The Bureau of the Census has published a quinquennial report on electric railways from 1902 to 1937. In the more recent years the report also covered affiliated trolley-bus and motor bus operations. The last Census of Electrical Industries was for the year 1937.

Motor carriers.—Statistics of class I for-hire carriers (those with \$100,000 or more of gross annual operating revenues) are compiled by the Interstate Commerce Commission from annual and quarterly reports submitted to it by these carriers. Beginning with reports for the year 1950, the Class I minimum became \$200,000. This series begins with 1939 data.

The annual review and statistical number of *Bus Transportation*, a McGraw-Hill publication, summarizes operations of common carriers and school busses.

Civil aeronautics.—Federal promotion and regulation of civil aviation are carried out by two bodies—the Civil Aeronautics Administration and the Civil Aeronautics Board. The Civil Aeronautics Board is an independent agency concerned primarily with the issuance of certificates of public necessity, economic regulation, the formula-

tion of safety regulations and the investigation of accidents to civil aircraft. The Civil Aeronautics Administration is an operating agency of the Department of Commerce. Its principal activities are the building and operation of air navigation aids, the enforcement of safety regulations and promotion of a national airport system.

The *Statistical Handbook of Civil Aviation* is published by the Civil Aeronautics Administration. This *Handbook* brings together all official statistical data on the development of civil aviation in the United States, including summaries of statistics published by the Civil Aeronautics Board in *Annual Airline Statistics*. The Civil Aeronautics Administration has also published a detailed historical record of America's aircraft production during the recent war. This publication is entitled *U. S. Military Aircraft Acceptances, 1940-45—Aircraft, Engine, and Propeller Production*.

Historical statistics.—See preface and historical appendix. Tabular headnotes (as "See also *Historical Statistics*, series K 28-33") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*.

No. 605.—STEAM RAILWAYS—MILEAGE OWNED AND MILEAGE OPERATED: 1925 TO 1950

[As of Dec. 31. See also *Historical Statistics*, series K 28-33]

ITEM	1925	1930	1935	1940	1945	1949	1950
Number of operating companies ¹	947	775	661	574	517	481	471
Road owned, first track (miles) ²	249,398	249,052	241,822	233,070	226,696	224,511	223,779
Miles operated: ³							
All railways, road, first track.....	261,871	262,215	254,347	246,739	240,156	237,798	236,999
Total, reporting railways ⁴	417,954	429,883	419,228	405,975	398,054	397,232	396,380
Road, first track.....	258,631	260,440	252,930	245,740	239,438	237,564	236,837
Other main tracks.....	40,962	42,742	41,913	41,373	41,106	40,639	40,456
Yard track and sidings.....	118,361	126,701	124,382	118,862	117,510	119,029	119,067
Class I railways, road, first track.....	236,848	242,391	237,491	232,524	227,877	226,583	226,101

CLASS OF COMPANIES	1949		1950			
	Com- panies	Miles of road		Com- panies	Miles of road	
		Owned ¹	Oper- ated ³		Owned ²	Oper- ated ³
Total	1,070	224,511	237,798	1,038	223,779	236,999
Class I line-haul operating.....	128	181,311	226,583	127	182,051	226,101
Lessors to Class I.....	188	27,480		179	26,705	
Class II line-haul operating.....	170	7,512	8,500	171	7,397	8,397
Lessors to Class II.....	6	183		6	183	
Class III line-haul operating.....	175	2,280	2,481	166	2,108	2,350
Lessors to Class III.....	8	58		9	70	
Switching and terminal.....	⁵ 252	(⁶)	(⁶)	⁵ 253	(⁶)	(⁶)
Proprietary ⁷	114	5,177		100	4,783	
Circular.....	22	350	137	18	281	108
Unofficial.....	7	160	97	9	111	34

¹ Classes I, II, III, circular, and unofficial.

² First track. Covers continental U. S. only, excluding all duplication.

³ Includes some duplication under trackage rights and some mileage in Canada operated by U. S. companies.

⁴ Excludes circular and unofficial, figures for which cover road, first track only.

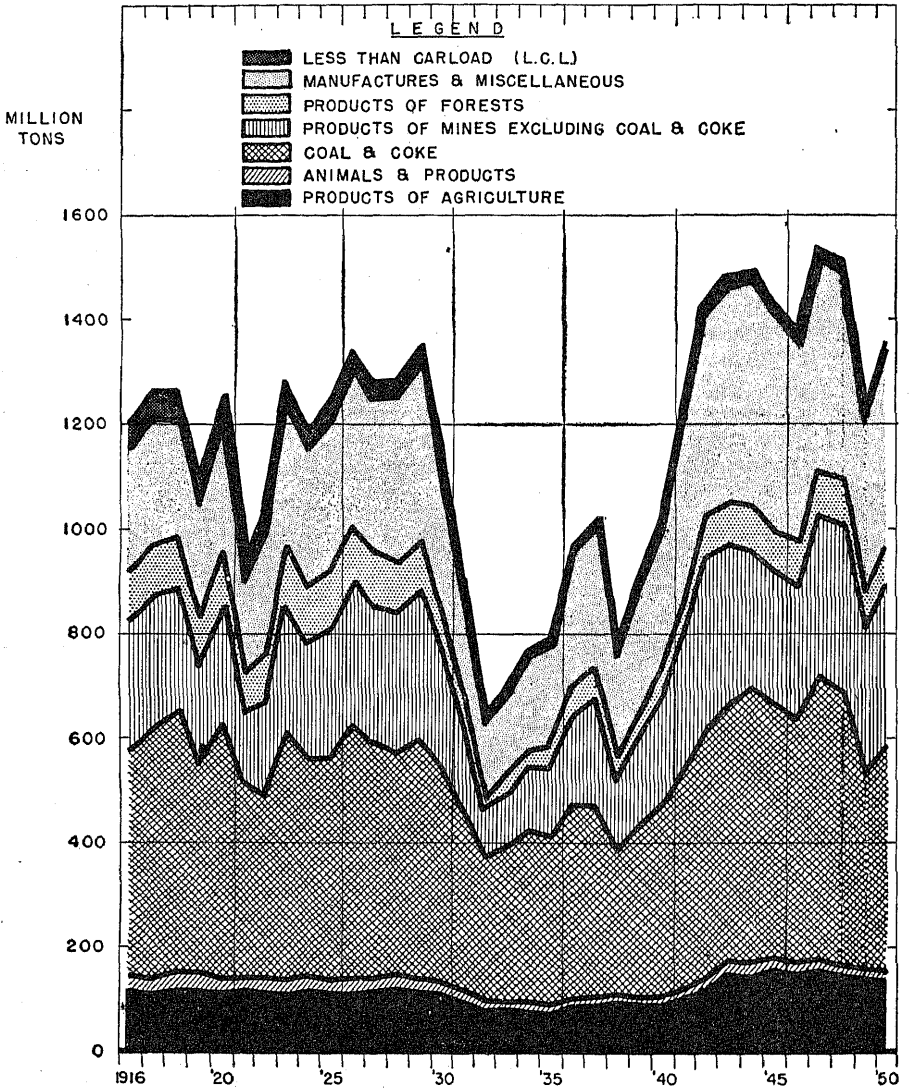
⁵ Includes 213 operating, 13 lessor, 15 proprietary, 9 circular, and 2 unofficial in 1949, and 215 operating, 13 lessor, 15 proprietary, 9 circular, and 1 unofficial in 1950.

⁶ Figures omitted as "miles of road" of switching and terminal companies is not comparable with that of line-haul companies.

⁷ Excludes proprietary companies in systems which file consolidated reports combining mileage, investment, and other items on a net system basis.

Source: Interstate Commerce Commission; annual report, *Statistics of Railways in the United States*.

FIG. XXIV.—REVENUE FREIGHT ORIGINATED, CLASS I RAILROADS: 1916 TO 1950
[See table 623]



Source: Association of American Railroads. Data are from Interstate Commerce Commission.

No. 606.—STEAM RAILWAYS—SUMMARY STATISTICS: 1890 TO 1950

[Includes intercorporate duplications. Unless otherwise noted, covers railways of Classes I, II, and III only, except that prior to 1908 returns for switching and terminal companies were included where applicable. See also *Historical Statistics*, series K 1-83]

YEAR	Number of operating rail-ways ¹	MILEAGE		EQUIPMENT ⁴				
		Road owned (first track) ²	Track operated (all track) ³	Locomotives		Cars in service		
				Num-ber in service	Aver- age trac- tive effort ⁵	Passen- ger cars	Freight- carrying cars	Average capacity of freight cars ⁶
June 30:	<i>Number</i>	<i>Miles</i>	<i>Miles</i>	<i>Number</i>	<i>Pounds</i>	<i>Number</i>	<i>Number</i>	<i>Tons</i>
1890.....	1,013	163,597	199,875	30,140	-----	26,820	918,491	-----
1895.....	1,104	180,657	233,275	35,690	-----	33,112	1,196,119	-----
1900.....	1,224	193,346	258,784	37,663	-----	34,713	1,365,531	-----
1905.....	1,380	218,101	306,797	48,357	23,666	40,713	1,731,409	30.8
1910.....	1,366	240,293	351,767	60,019	27,282	47,179	2,148,478	35.9
1915.....	1,260	253,789	391,141	66,502	31,501	55,810	2,341,567	39.7
Dec. 31:								
1920.....	1,085	262,845	406,579	68,942	36,365	56,102	2,388,424	42.4
1925.....	947	249,398	417,954	68,098	40,666	56,814	2,414,083	44.8
1930.....	775	249,052	420,883	60,189	45,225	53,584	2,322,207	46.9
1935.....	661	241,822	419,228	49,541	48,367	42,426	1,867,381	48.3
1940.....	574	233,670	405,975	44,333	50,905	38,308	1,684,171	50.0
1943.....	534	227,999	398,730	45,406	52,451	38,331	1,784,472	50.7
1944.....	524	227,335	398,437	46,305	52,822	38,217	1,797,012	50.8
1945.....	517	226,696	398,054	46,253	53,217	38,633	1,787,073	51.1
1946.....	513	226,438	398,037	45,511	53,735	38,697	1,768,400	51.3
1947.....	502	225,806	397,355	44,344	54,506	39,057	1,759,758	51.5
1948.....	485	225,149	397,203	44,474	55,170	39,406	1,785,067	51.9
1949.....	481	224,511	397,232	43,272	56,333	38,006	1,778,811	52.4
1950.....	471	223,779	396,380	42,951	57,075	37,359	1,745,778	52.6

YEAR	EMPLOYMENT AND WAGES		CAPITAL AND PROPERTY INVESTMENT (includes lessors)				
	Num-ber of em- ployees	Compen- sation of railroad employees	Road and equipment		Rail- way capital out- stand- ing ²	Net capital- ization	Stock pay- ing dividends
			Investment book value ¹	Deprecia- tion reserve ³			
June 30:	<i>1,000</i>	<i>\$1,000</i>	<i>\$1,000</i>	<i>\$1,000</i>	<i>\$1,000,-000</i>	<i>\$1,000,-000</i>	<i>\$1,000</i>
1890.....	749	-----	8,133,665	-----	8,984	7,577	1,598,132
1895.....	785	445,508	9,203,491	-----	10,347	8,900	1,485,618
1900.....	1,018	577,265	10,263,313	-----	11,491	9,548	2,668,970
1905.....	1,382	839,945	11,951,349	-----	13,805	11,167	4,119,087
1910.....	1,699	1,143,725	14,557,816	-----	18,417	14,376	5,412,578
1915.....	1,548	1,277,663	17,441,420	511,452	21,128	16,308	5,219,847
Dec. 31:							
1920.....	2,076	3,754,281	19,849,320	1,081,342	21,891	16,994	5,075,040
1925.....	1,786	2,916,193	23,217,209	1,681,291	23,644	18,191	6,278,532
1930.....	1,517	2,588,598	26,051,000	2,360,767	24,331	19,066	7,702,021
1935.....	1,014	1,666,229	25,500,465	2,771,404	24,247	18,342	3,412,968
1940.....	1,046	1,990,631	25,646,014	3,095,237	23,371	17,630	3,741,132
1943.....	1,375	3,556,189	26,145,458	3,939,562	22,149	16,755	5,466,566
1944.....	1,434	3,897,755	26,631,654	4,382,604	21,693	16,276	5,523,271
1945.....	1,439	3,900,928	26,967,765	5,549,720	20,891	15,667	5,383,158
1946.....	1,378	4,213,530	27,277,974	5,800,975	20,545	15,509	5,221,681
1947.....	1,371	4,399,296	27,686,103	6,037,033	20,173	15,301	5,184,182
1948.....	1,345	4,820,747	28,064,759	6,279,892	20,302	15,467	6,440,317
1949.....	1,209	4,468,545	29,519,832	6,438,177	20,427	15,609	5,924,295
1950.....	1,237	4,644,890	30,174,312	6,607,231	20,399	15,618	6,768,658

See footnotes at end of table.

No. 606.—STEAM RAILWAYS—SUMMARY STATISTICS: 1890 TO 1950—Continued

YEAR OR YEARLY AVERAGE	INCOME AND EXPENSES					INTEREST AND DIVIDENDS (includes lessors)	
	Operating revenue	Operating expenses	Railway operating income	Railway tax accruals	Net income (includes lessors)	Dividends declared	Interest accrued on funded debt
June 30:	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
1891-1895.....	1,127,531	759,588	-----	34,915	93,876	94,093	243,013
1896-1900.....	1,264,048	832,377	-----	41,970	151,550	104,295	249,548
1901-1905.....	1,854,682	1,226,737	-----	53,106	321,776	199,752	285,755
1906-1910.....	2,528,171	1,705,542	10 740,607	80,931	478,097	339,685	363,470
1911-1915.....	3,007,262	2,123,282	760,502	123,345	459,489	401,944	436,178
Dec. 31:							
1916-1920.....	4,870,468	3,971,453	672,380	227,680	562,892	350,789	430,053
1921-1925.....	6,003,699	4,684,135	988,751	328,822	562,314	400,389	558,375
1926-1930.....	6,139,269	4,502,029	1,249,408	386,372	807,103	543,007	582,701
1931-1935.....	3,473,819	2,622,222	585,346	265,137	20,932	225,072	580,677
1936-1940.....	4,071,163	2,998,447	719,380	353,335	132,951	198,307	532,413
1941-1945.....	8,122,360	5,507,771	1,349,035	1,265,554	746,475	298,997	512,508
1946-1950.....	8,909,102	6,989,656	1,008,253	911,192	598,275	310,937	374,957
1943.....	9,138,419	5,714,804	1,560,675	1,862,940	946,150	263,919	515,617
1944.....	9,524,628	6,345,035	1,317,941	1,861,652	733,461	292,248	488,877
1945.....	8,986,954	7,115,391	1,036,130	835,434	502,250	295,294	449,917
1946.....	7,709,171	6,422,494	806,197	506,480	334,966	283,171	406,147
1947.....	8,784,214	6,869,806	965,136	949,273	537,405	280,397	374,150
1948.....	9,784,332	7,552,630	1,188,666	1,043,036	767,949	335,313	361,879
1949.....	8,680,791	6,908,296	867,406	845,089	496,103	306,995	365,393
1950.....	9,587,000	7,135,055	1,239,861	1,212,084	854,951	348,811	367,218

YEAR OR YEARLY AVERAGE	PASSENGER SERVICE			FREIGHT SERVICE				
	Passenger revenue (rail line)	Passenger miles	Revenue per passenger mile	Freight revenue (rail line)	Revenue tons-originated	Tons carried 1 mile	Revenue ton miles per mile of road	Revenue per ton-mile
June 30:	\$1,000	1,000,000	Cents	\$1,000	Million tons	Million tons	Ton-miles	Cents
1891-1895.....	281,415	13,383	2.10	758,930	-----	85,693	506,800	0.886
1896-1900.....	279,900	13,863	2.02	879,837	1 543	113,062	611,128	.772
1901-1905.....	416,609	20,737	1.91	1,268,714	691	167,715	830,018	.774
1906-1910.....	568,815	28,683	1.98	1,744,525	930	228,936	1,006,849	.762
1911-1915.....	672,792	33,768	1.99	2,061,625	1,074	277,073	1,104,718	.740
Dec. 31:								
1916-1920.....	1,021,536	42,548	2.40	3,419,260	1,326	390,815	1,510,297	.875
1921-1925.....	1,112,634	36,869	3.02	4,377,618	1,231	375,468	1,455,589	1.166
1926-1930.....	908,341	31,846	2.85	4,690,122	1,305	430,310	1,667,434	1.090
1931-1935.....	392,869	13,375	2.14	2,763,061	798	270,192	1,051,083	1.023
1936-1940.....	419,760	23,068	1.82	3,313,398	986	341,321	1,370,519	.971
1941-1945.....	1,342,958	71,713	1.87	6,221,235	1,482	654,687	2,711,448	1.950
1946-1950.....	973,786	43,775	2.22	7,236,485	1,406	602,917	2,532,096	1.200
1943.....	1,655,814	87,925	1.88	6,865,754	1,557	730,132	3,032,199	.940
1944.....	1,763,322	95,663	1.88	7,087,033	1,565	740,586	3,084,195	.957
1945.....	1,719,316	91,826	1.87	6,617,213	1,493	684,148	2,852,615	.967
1946.....	1,261,416	64,754	1.95	5,866,351	1,432	594,943	2,488,499	.985
1947.....	965,005	45,972	2.10	7,140,381	1,613	657,878	2,752,915	1.085
1948.....	965,630	41,224	2.34	8,090,194	1,580	641,104	2,695,708	1.262
1949.....	862,139	35,133	2.45	7,151,237	1,284	529,111	2,229,430	1.352
1950.....	814,741	31,790	2.56	7,933,704	1,421	591,550	2,496,927	1.341

¹ Includes circular and unofficial companies. ² Includes lessors, proprietary, circular, and unofficial companies.

³ For railways reporting track by class. Excludes circular and unofficial, figures for which cover road, first track only.

⁴ Includes switching and terminal companies except as noted.

⁵ Since 1916 represents steam locomotives and freight cars of class I railways, excluding switching and terminal companies.

⁶ Includes lessor companies since 1921; for 1925 and subsequent years, also includes proprietary companies except those which are part of systems filing consolidated annual reports.

⁷ 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.

⁸ Includes depreciation on "Miscellaneous physical property" for years prior to 1920. Amortization of defense projects included subsequent to 1940.

⁹ Includes actually outstanding, nominally issued, and nominally outstanding securities, and equipment obligations. ¹⁰ Average for 1908-1910. ¹¹ Average for 1899 and 1900.

Source: Interstate Commerce Commission; annual report, *Statistics of Railways in the United States*.

No. 607.—STEAM RAILWAYS—MILES OF ROAD OWNED, BY STATES: 1860 to 1950

[Data are for actual length of line in each State without duplication. Figures relate to June 30 prior to 1920 and Dec. 31 thereafter; they include reporting circular, and unofficial railways, but beginning with 1910 exclude switching and terminal roads. See also *Historical Statistics*, series K 1, 2, and 29 for annual U. S. totals]

STATE	1860 ¹	1870 ¹	1880 ¹	1890	1900	1910 ²	1920	1930	1940	1950
United States ³	30,626	52,922	93,267	163,597	193,346	240,439	252,845	249,052	233,670	223,779
New England	3,660	4,494	5,982	6,718	7,521	7,921	7,942	7,596	6,677	6,396
Maine	472	786	1,005	1,338	1,915	2,248	2,295	2,193	1,882	1,830
New Hampshire	661	736	1,015	1,145	1,239	1,246	1,252	1,105	1,002	936
Vermont	554	614	914	921	1,012	1,100	1,077	1,056	919	889
Massachusetts	1,264	1,480	1,915	2,094	2,119	2,115	2,106	2,022	1,793	1,726
Rhode Island	108	136	210	213	212	212	211	191	194	185
Connecticut	601	742	923	1,007	1,024	1,000	1,001	999	887	830
Middle Atlantic	5,840	9,709	13,832	18,161	20,709	21,980	22,293	21,752	20,175	19,180
New York	2,082	3,928	5,957	7,661	8,121	8,450	8,390	8,312	7,739	7,493
New Jersey	500	1,125	1,684	2,047	2,357	2,260	2,352	2,299	2,108	1,992
Pennsylvania	2,598	4,656	6,191	8,453	10,331	11,290	11,551	11,141	10,328	9,695
South Atlantic	5,976	7,349	9,789	18,270	23,362	29,795	32,380	31,644	29,475	27,924
Delaware	127	197	275	323	347	335	335	325	295	295
Dist. of Columbia	(⁴)	(⁴)	(⁴)	30	32	36	36	36	36	34
Maryland	386	671	1,040	1,231	1,376	1,426	1,436	1,443	1,367	1,309
Virginia	1,379	1,486	1,893	3,160	3,779	4,535	4,703	4,516	4,261	4,073
West Virginia	352	387	661	1,328	2,228	3,601	3,996	4,046	3,831	3,719
North Carolina	937	1,178	1,486	3,001	3,831	4,932	5,522	5,161	4,668	4,435
South Carolina	973	1,139	1,427	2,194	2,818	3,442	3,814	3,780	3,466	3,223
Georgia	1,420	1,845	2,459	4,532	5,652	7,056	7,326	6,671	6,334	6,043
Florida	402	446	518	2,471	3,299	4,432	5,212	5,666	5,218	4,793
East North Central	9,533	14,701	25,109	36,924	41,007	44,928	44,904	43,770	41,281	39,851
Ohio	2,946	3,638	5,702	7,912	8,807	9,134	9,002	8,804	8,501	8,413
Indiana	2,163	3,177	4,373	5,971	6,471	7,420	7,426	7,106	6,589	6,652
Illinois	2,790	4,823	7,851	10,214	11,003	11,878	12,188	12,500	11,949	11,643
Michigan	779	1,638	3,938	7,243	8,195	9,021	8,734	8,072	7,303	6,803
Wisconsin	905	1,525	3,155	5,584	6,531	7,475	7,564	7,288	6,639	6,335
West North Central	1,472	8,046	19,094	38,354	42,988	49,730	52,180	51,400	48,293	47,108
Minnesota	—	1,092	3,151	5,466	6,943	8,669	9,114	8,779	8,421	8,333
Iowa	655	2,683	5,400	8,350	9,185	9,755	9,808	9,698	8,950	8,585
Missouri	817	2,900	3,965	6,004	6,875	8,083	8,117	7,897	7,042	6,735
North Dakota	—	665	1,225	1,941	2,731	4,201	5,311	5,275	5,266	5,256
South Dakota	—	(⁵)	(⁵)	2,486	2,850	3,948	4,276	4,238	4,006	3,958
Nebraska	—	705	1,953	5,295	5,685	6,067	6,166	6,174	6,044	5,800
Kansas	—	1,601	3,400	8,806	8,719	9,007	9,388	9,339	8,564	8,441
East South Central	3,392	4,656	6,343	11,144	13,343	17,074	17,754	17,452	16,179	15,574
Kentucky	534	1,017	1,530	2,746	3,080	3,526	3,929	4,054	3,691	3,641
Tennessee	1,253	1,492	1,843	2,752	3,137	3,816	4,078	3,940	3,573	3,471
Alabama	743	1,157	1,843	3,314	4,226	5,226	5,378	5,249	4,996	4,723
Mississippi	862	990	1,127	2,332	2,920	4,506	4,369	4,209	3,919	3,739
West South Central	680	1,417	5,044	13,782	18,221	31,122	32,972	33,227	31,497	29,771
Louisiana	335	450	652	1,750	2,824	5,554	5,223	4,654	4,357	4,079
Texas	307	711	3,244	8,613	9,886	14,282	16,125	17,069	16,356	15,611
Oklahoma	—	—	289	1,214	2,151	5,980	6,572	6,678	6,302	5,977
Arkansas	38	256	859	2,196	3,360	5,306	5,052	4,826	4,482	4,104
Mountain	—	1,466	5,082	12,676	15,808	22,956	25,170	24,973	23,518	22,101
Montana	—	—	106	2,181	3,010	4,207	5,072	5,228	5,149	5,059
Wyoming	—	459	612	942	1,229	1,645	1,931	2,036	2,008	1,925
Colorado	—	157	1,570	4,176	4,587	5,533	5,519	4,972	4,552	4,273
New Mexico	—	—	758	1,324	1,753	3,032	2,972	2,973	2,812	2,496
Arizona	—	—	349	1,097	1,512	2,097	2,478	2,494	2,228	2,197
Utah	—	257	842	1,090	1,547	1,986	2,161	2,198	2,082	1,788
Nevada	—	593	739	925	909	2,277	2,160	2,109	1,941	1,650
Idaho	—	—	206	941	1,261	2,179	2,877	2,905	2,746	2,713
Pacific	23	1,084	2,992	7,567	10,389	14,932	17,248	17,238	16,575	15,874
Washington	—	—	289	1,783	2,914	4,875	5,587	5,542	5,243	5,124
Oregon	—	159	608	1,428	1,724	2,285	3,305	3,456	3,385	3,217
California	23	925	2,195	4,356	5,751	7,772	8,556	8,240	7,947	7,533
Alaska Territory	—	—	—	—	22	390	246	790	536	567
Hawaii Territory	—	—	—	—	—	175	243	232	192	25

¹ Represents mileage operated.² Revised total 240,293 not distributed by States.³ Totals exclude Alaska and Hawaii.⁴ Included in returns for Maryland.⁵ Figures for Dakota.⁶ For total Dakota, see North Dakota.Source: Interstate Commerce Commission; annual report, *Statistics of Railways in the United States*.

No. 608.—STEAM RAILWAYS (ALL REPORTING COMPANIES)—EQUIPMENT IN SERVICE: 1925 TO 1950

["All reporting companies" include switching and terminal but not circular and unofficial lines. Data for tractive effort and capacity of cars exclude switching roads, also smaller roads during recent years; they would not be materially different if all carriers were included. Excludes the large number of cars owned by private car lines. See also *Historical Statistics*, series K 34-38]

YEAR ENDING DEC. 31—	LOCOMOTIVES								FREIGHT-CARRYING CARS ³			Passen- ger- train cars
	Total num- ber ¹	Steam			Elec- tric loco- mo- tive units	Diesel electric locomotive units			Total num- ber (1,000)	Capacity ²		
		Num- ber	Tractive effort ²			Num- ber	Tractive effort ²			Aggre- gate (1,000 tons)	Aver- age (tons)	
			Aggregate (1,000lb.)	Aver- age (lb.)			Aggregate (1,000lb.)	Average (lb.)				
1925	68,098	67,713	2,586,868	40,666	379	1	(4)	(4)	2,414	105,570	44.8	56,814
1930	60,189	59,406	2,526,940	45,225	663	130	(4)	(4)	2,322	106,180	46.9	53,584
1935	49,641	48,477	2,206,201	48,367	884	77	(4)	(4)	1,867	88,677	48.3	42,426
1939	45,172	43,604	2,072,110	50,596	879	639	(4)	(4)	1,681	82,002	49.7	38,977
1940	44,333	42,410	2,038,284	50,905	900	967	43,939	55,130	1,684	82,722	50.0	38,308
1941	44,375	41,911	2,029,425	51,217	895	1,517	69,347	54,733	1,733	85,682	50.3	38,334
1942	44,071	41,755	2,046,064	51,811	892	1,978	91,589	54,942	1,774	88,187	50.5	38,446
1943	45,406	41,983	2,083,618	52,451	907	2,476	117,300	55,200	1,784	88,968	50.7	38,331
1944	46,305	41,921	2,096,046	52,822	902	3,432	171,957	56,398	1,797	89,960	50.8	38,217
1945	46,253	41,018	2,067,639	53,217	885	4,301	213,193	55,898	1,787	89,872	51.1	38,633
1946	45,511	39,592	2,017,807	53,735	867	5,008	248,129	55,872	1,768	89,391	51.3	38,697
1947	44,344	36,942	1,913,593	54,506	864	6,495	326,255	56,524	1,760	89,225	51.5	39,057
1948	44,474	34,581	1,815,860	55,170	867	8,981	455,287	56,285	1,785	91,294	51.9	39,404
1949	43,272	30,344	1,631,633	56,333	856	12,025	617,506	56,714	1,779	91,961	52.4	38,006
1950	42,951	26,680	1,463,413	57,075	827	15,396	807,523	57,487	1,746	90,465	52.6	37,359

¹ Includes locomotives other than classes shown.

³ Excludes caboose cars.

² Class I roads.

⁴ Not available.

No. 609.—STEAM RAILWAYS—CARS IN SERVICE, BY CLASS: 1935 TO 1950

["All operating companies" include switching and terminal companies but not circular and unofficial lines. Excludes cars owned by private car lines, roughly equaling one-tenth of those owned by railway companies]

CLASS	ALL OPERATING COMPANIES					CLASS I, 1950			
	1935	1940	1945	1949	1950	Total	Eastern district	South- ern dis- trict	West- ern dis- trict
Freight train cars:									
Steel ¹	809,612	956,004	1,153,145	1,330,275	1,335,676	1,335,676	634,031	335,843	365,802
Steel underframe ¹	908,252	640,428	570,513	409,647	374,532	374,532	69,234	71,543	233,755
Freight carrying cars:	1,867,381	1,684,171	1,787,073	1,778,811	1,745,778	1,721,269	703,640	409,723	607,906
Box	812,776	708,682	745,901	722,926	718,150	714,568	267,409	132,454	314,705
Flat	83,405	65,752	71,092	66,578	67,712	64,886	8,901	16,200	39,776
Stock	68,455	54,674	54,484	48,486	46,381	46,334	6,612	3,623	36,099
Gondola and hopper (open and closed tops)	793,776	800,538	874,553	902,101	874,801	859,030	417,902	251,210	189,018
Tank	9,266	8,836	9,030	8,895	8,436	7,720	3	109	7,617
Refrigerator	26,703	21,772	21,001	19,680	19,083	19,076	920	925	17,231
Other	73,000	14,017	11,012	10,145	11,215	9,046	1,893	5,193	2,560
Caboose cars	24,994	22,216	25,198	24,743	24,205	23,356	8,941	4,990	9,425
Passenger-train cars:	42,426	38,308	38,633	38,006	37,359	37,146	19,693	5,529	11,924
Steel ¹	28,951	29,397	31,838	33,248	33,220	33,220	17,842	4,828	10,550
Steel underframe ¹	8,394	6,442	5,576	4,143	3,651	3,651	1,789	654	1,208
Coaches	(2)	17,470	17,668	16,806	16,488	16,421	9,951	2,175	4,295
Combination coach	(2)	3,207	2,748	2,482	2,331	2,233	1,214	343	676
Parlor and sleeping ²	(2)	422	731	568	437	437	141	47	249
Dining	(2)	1,535	1,552	1,803	1,836	1,835	701	334	800
Club, lounge, and ob- servation	(2)	370	278	411	430	430	68	59	303
Postal	(2)	1,829	1,701	1,756	1,770	1,770	904	259	607
Baggage, express, and other nonpassenger	(2)	13,087	13,671	13,919	13,817	13,786	6,662	2,280	4,844
Other passenger	(2)	105	26	18	20	18	6	12	-----
Other passenger-train	(2)	283	258	243	230	216	46	20	150
Heavy type company service equipment:	79,584	77,811	90,056	95,499	95,547	93,650	28,999	18,936	45,715
Motor cars and trailers	4,545	4,081	3,820	3,643	3,697	3,697	3,005	357	335

¹ Data represent class I roads only; figures exclude caboose cars.

² No comparable data available.

³ Excludes cars owned or leased by Pullman Co.

Source of tables 608 and 609: Interstate Commerce Commission; annual report, *Statistics of Railways in the United States*.

**No. 610.—STEAM RAILWAYS (CLASS I)—EQUIPMENT INSTALLED AND PERMANENTLY
WITHDRAWN FROM SERVICE: 1935 TO 1950**
[Includes owned and leased equipment]

YEAR	LOCOMOTIVES		FREIGHT-TRAIN CARS		PASSENGER-TRAIN CARS	
	New units in- stalled	Units perma- nently with- drawn ¹	New units in- stalled	Units perma- nently with- drawn ¹	New units in- stalled	Units perma- nently with- drawn ¹
1935	139	1,966	6,987	109,539	225	2,075
1936	98	1,644	37,554	113,582	159	988
1937	441	973	69,118	81,451	576	842
1938	252	1,129	15,213	60,827	275	1,009
1939	298	1,660	23,236	74,229	209	790
1940	421	1,260	60,455	54,846	154	754
1941	632	718	76,392	26,693	297	587
1942	716	579	58,595	15,257	273	364
1943	891	268	28,000	13,516	8	255
1944	1,245	519	38,970	24,589	104	223
1945	901	1,110	37,132	44,247	111	375
1946	712	1,424	38,823	52,713	481	521
1947	1,398	2,739	55,543	62,594	858	786
1948	2,350	2,377	95,979	69,363	951	803
1949	2,884	4,099	80,815	85,577	939	923
1950	3,215	3,495	40,032	72,669	1,078	1,188

¹ Permanently withdrawn for sale or demolition.

Source: Interstate Commerce Commission; annual report, *Statistics of Railways in the United States*.

**No. 611.—STEAM RAILWAYS (CLASS I)—FUEL CONSUMPTION AND RAIL AND TIE
REPLACEMENTS: 1925 TO 1950**

[Excludes rails and ties laid in new construction. Short ton is 2,000 pounds; long ton 2,240 pounds]

CLASS	ALL DISTRICTS						
	1925	1930	1935	1940	1945	1949	1950
Consumption of fuel by steam locomotives:							
Anthracite.....1,000 short tons..	2,174	1,140	508	286	139	51	41
Bituminous coal.....do.....	117,714	98,400	71,335	79,628	115,154	62,230	55,410
Fuel oil.....1,000 gallons..	2,457,827	2,366,569	1,998,176	2,502,868	4,413,072	2,543,207	2,277,220
Other fuel equivalent, 1,000 short tons..				34	32	28	39
Total, coal equivalent ¹, 1,000 short tons..	² 135,420	² 114,458	² 84,783	96,067	143,806	(³)	(³)
Rails laid in replacement and betterment:							
Total tonnage.....1,000 long tons..	3,485	2,674	1,159	1,912	2,956	2,209	2,191
Total charges ⁴.....1,000 dollars..	126,487	98,521	36,218	64,516	106,010	125,376	124,894
Ties laid in previously constructed tracks:							
Cross ties.....thousands..	82,717	63,354	44,326	43,621	43,912	30,285	30,494
Switch and bridge ties, 1,000 board feet..	² 282,630	235,315	156,536	145,553	130,520	107,793	98,400
Total charges ⁴.....1,000 dollars..	² 120,644	94,207	52,370	59,047	97,908	92,960	92,912

CLASS	1949			1950		
	Eastern district	Southern district	Western district	Eastern district	Southern district	Western district
Consumption of fuel by steam locomotives:						
Anthracite.....1,000 short tons..	51			41		
Bituminous.....do.....	28,714	16,606	16,910	26,315	15,148	13,947
Fuel oil.....1,000 gallons..	14,312	28,019	2,500,876	12,717	27,253	2,237,250
Other fuel equivalent.....1,000 short tons..	1		27	1		38
Total, coal equivalent ¹, 1,000 short tons..	(³)	(³)	(³)	(³)	(³)	(³)
Rails laid in replacement and betterment:						
Total tonnage.....1,000 long tons..	618	577	1,014	584	587	1,020
Total charges ⁴.....1,000 dollars..	34,032	32,023	59,321	32,862	33,011	59,021
Ties laid in previously constructed tracks:						
Cross ties.....thousands..	7,314	8,349	14,622	8,190	8,123	14,181
Switch and bridge ties.....1,000 board feet..	31,016	29,229	47,548	27,994	26,931	43,475
Total charges ⁴.....1,000 dollars..	25,617	25,267	42,076	28,066	24,216	40,630

¹ Ratio of fuel oil to coal left to experience of each road.

² Includes equivalent of a small amount of miscellaneous fuel.

³ Not available.

⁴ Excludes labor cost of applying rails or ties.

⁵ Excludes 1,435 linear feet of steel ties.

Source: Interstate Commerce Commission; annual report, *Statistics of Railways in the United States*.

No. 612.—STEAM RAILWAYS—STOCK OUTSTANDING, DIVIDENDS, AND INTEREST: 1891 to 1950

[For years ending June 30 prior to 1916, calendar years thereafter. Includes nonoperating as well as operating roads. Excludes switching and terminal roads beginning with 1908. Dividend figures throughout cover all classes of roads, but interest figure for 1913 excludes unimportant class III roads. Amount of stock shown in first column is exclusive of stock held by issuing company, but includes that held by other railway companies. See also *Historical Statistics*, series K 67, 80, and 81]

YEAR OR YEARLY AVERAGE	STOCK			DIVIDENDS			Interest accrued on funded debt (1,000 dol.)
	Actually outstanding (1,000 dol.)	Paying dividends (1,000 dol.)	Percent paying dividends	Amount declared (1,000 dol.)	Percent on stock paying dividends	Percent on all stock outstanding	
1891-1895.....	-----	1,737,048	-----	94,093	5.42	-----	243,013
1896-1900.....	-----	1,977,832	-----	104,295	5.27	-----	249,548
1901-1905.....	-----	3,505,694	-----	199,752	5.70	-----	285,755
1906-1910.....	-----	4,930,368	-----	339,635	6.89	-----	303,470
1911-1915.....	8,561,050	5,595,888	65.36	401,944	7.18	4.70	436,178
1916-1920.....	8,866,429	5,310,622	59.90	350,789	6.61	3.96	480,053
1921-1925.....	9,131,529	5,669,613	62.09	400,389	7.06	4.38	558,375
1926-1930.....	9,697,138	7,108,596	73.31	543,007	7.64	5.60	582,701
1931-1935.....	9,992,404	4,113,651	41.17	225,072	5.47	2.25	580,677
1936-1940.....	9,814,851	3,511,140	35.77	198,307	5.65	2.02	532,413
1941-1945.....	9,460,110	5,118,116	54.10	208,997	5.26	2.84	512,508
1946-1950.....	9,256,362	5,909,027	63.84	310,937	5.26	3.36	374,957
1945.....	9,423,342	5,383,158	57.13	295,294	5.49	3.13	449,917
1946.....	9,408,636	5,221,681	55.60	283,171	5.42	3.01	406,147
1947.....	9,225,219	5,184,182	56.20	280,397	5.41	3.04	374,150
1948.....	9,241,600	6,446,317	69.75	335,313	5.20	3.63	361,879
1949.....	9,222,322	5,924,295	64.24	306,995	5.18	3.33	365,393
1950.....	9,184,132	6,768,658	73.70	348,811	5.15	3.80	367,218

No. 613.—STEAM RAILWAYS—SECURITIES ACTUALLY OUTSTANDING: 1930 TO 1950

[All figures in thousands of dollars. Capital actually outstanding represents securities in hands of public or of railway companies other than those issuing same; excludes securities held by or for issuing company. Excludes switching and terminal companies]

SECURITY AND YEAR ENDING DEC. 31—	ALL RAILROADS				Class I	Class II	Class III	Non-operating sub-sidiaries
	All districts	Eastern district	Southern district	Western district				
Total:								
1930.....	22,782,889	9,128,919	3,658,575	9,995,395	10,006,276	349,079	64,814	3,362,720
1935.....	22,079,551	9,210,379	3,401,012	9,468,160	18,530,040	300,476	53,426	3,195,609
1940.....	21,047,280	8,910,221	3,344,555	8,792,504	17,761,161	237,786	44,147	3,004,186
1944.....	19,402,593	8,239,475	3,025,482	8,137,636	16,480,870	208,611	28,836	2,984,276
1945.....	18,681,292	8,074,078	2,839,008	7,768,206	16,030,795	207,822	27,088	2,415,587
1946.....	18,449,437	8,026,132	2,834,629	7,588,676	15,928,644	200,968	25,131	2,294,694
1947.....	18,050,122	7,855,370	2,953,752	7,241,000	15,583,640	196,580	23,338	2,246,564
1948.....	18,249,091	7,850,760	3,108,489	7,280,845	15,820,784	190,373	23,029	2,214,905
1949.....	18,342,568	7,872,303	3,148,435	7,321,830	15,906,875	187,496	22,505	2,255,702
1950.....	18,273,631	7,811,310	3,112,420	7,349,901	15,959,385	178,995	21,319	2,113,932
Stock:								
1930.....	10,011,538	4,290,108	1,461,628	4,259,802	8,267,129	207,556	45,068	1,491,785
1935.....	9,925,471	4,325,471	1,431,397	4,108,334	8,218,994	194,922	38,217	1,473,609
1940.....	9,769,974	4,364,337	1,441,969	3,993,668	8,159,960	162,730	31,765	1,415,529
1945.....	9,423,342	4,029,886	1,398,890	3,994,566	8,008,565	150,861	21,024	1,242,892
1949.....	9,222,322	3,767,685	1,457,940	3,996,697	7,880,154	140,244	19,184	1,182,740
1950.....	9,184,132	3,734,695	1,449,690	3,999,747	7,892,586	135,833	18,096	1,137,617
Funded debt:								
1930.....	12,771,351	4,838,811	2,196,947	5,735,593	10,739,147	141,523	19,746	1,870,935
1935.....	12,154,349	4,884,908	1,969,615	5,299,826	10,311,046	105,554	15,209	1,722,540
1940.....	11,277,306	4,645,884	1,902,586	4,828,836	9,601,201	75,066	12,382	1,588,657
1945.....	9,257,960	4,044,192	1,440,118	3,773,640	8,022,230	56,961	6,004	1,172,695
1949.....	9,120,246	4,104,618	1,690,495	3,325,133	8,026,721	47,242	3,321	1,042,962
1950.....	9,089,499	4,076,615	1,662,730	3,360,154	8,066,799	43,162	3,223	976,315
1950								
Common stock.....	7,207,462	3,199,829	1,217,396	2,790,237	6,034,912	125,070	17,788	1,029,692
Preferred stock.....	1,976,676	534,866	232,294	1,209,510	1,857,674	10,763	308	107,925
Mortgage bonds.....	7,135,120	3,194,607	1,294,870	2,645,649	6,152,435	35,569	3,104	944,018
Collateral trust bonds.....	204,027	128,693	17,290	58,044	196,325	1,322	-----	6,380
Unsecured bonds (debentures).....	304,080	79,385	42,924	181,771	296,729	1,319	-----	6,032
Miscellaneous obligations.....	24,062	16,353	7,243	466	16,793	2,792	61	4,416
Equipment obligations.....	1,422,204	657,877	300,403	464,224	1,404,617	2,160	58	15,469

Source of tables 612 and 613: Interstate Commerce Commission; annual report, *Statistics of Railways in the United States*.

No. 614.—STEAM RAILWAYS (ALL REPORTING COMPANIES)—CAPITALIZATION AND CAPITAL EXPENDITURES: 1890 TO 1950

[In millions of dollars, except as indicated. Excludes switching and terminal companies beginning with 1910; their total capitalization in 1950 was \$788,371,000. Includes both operating and nonoperating railways. Gross figures include considerable amounts of securities held by companies issuing them as well as larger amounts held by other railway companies. See also *Historical Statistics*, series K 62-66 and 68-70]

YEAR	TOTAL CAPITALIZATION				HELD BY RAILROADS		NET CAPITALIZATION		CAPITAL EXPENDITURES FOR ADDITIONS AND BETTERMENTS ¹	
	Total	Common stock	Preferred stock	Funded debt	Stock	Funded debt	Total	Per mile of road	Equipment	Roadway and structures
								Dollars	\$1,000	\$1,000
June 30:										
1890.....	8,984	3,803	606	4,575	964	443	7,577			
1900.....	11,491	4,522	1,323	5,646	1,470	473	9,548			
1910.....	18,417	6,710	1,403	10,304	2,555	1,486	14,376	62,819		
Dec. 31:										
1920.....	21,891	7,215	1,898	12,778	2,407	2,490	16,994	68,787		
1925.....	23,644	7,602	1,937	14,105	2,654	2,799	18,191	74,460	338,114	410,077
1930.....	24,331	8,009	2,074	14,248	2,897	2,368	19,066	77,843	328,269	544,339
1935.....	24,247	7,987	2,036	14,224	3,022	2,883	18,342	76,389	79,335	108,967
1938.....	23,855	8,040	2,049	13,766	3,067	2,800	17,988	76,449	115,408	111,629
1939.....	23,609	8,025	2,050	13,534	3,084	2,827	17,698	75,701	133,388	128,641
1940.....	23,371	8,005	2,064	13,302	3,048	2,693	17,630	75,839	271,906	157,241
1941.....	22,952	7,832	1,980	13,140	2,808	2,576	17,568	76,139	367,568	175,453
1942.....	22,742	7,882	1,959	12,901	2,880	2,547	17,315	75,974	349,374	185,523
1943.....	22,149	7,842	1,936	12,371	2,857	2,537	16,765	74,152	255,981	198,301
1944.....	21,693	7,790	2,023	11,880	2,849	2,568	16,276	72,037	328,231	231,881
1945.....	20,891	7,743	2,004	11,144	2,739	2,485	15,667	69,664	314,779	248,501
1946.....	20,545	7,733	1,980	10,832	2,699	2,337	15,509	68,982	319,017	242,940
1947.....	20,173	7,539	2,003	10,631	2,540	2,332	15,301	68,161	565,901	298,788
1948.....	20,302	7,543	2,016	10,743	2,644	2,191	15,467	68,930	917,449	356,035
1949.....	20,427	7,519	2,012	10,896	2,612	2,206	15,609	69,751	981,320	330,880
1950.....	20,399	7,492	2,002	10,905	2,514	2,267	15,618	69,984	779,399	286,443

¹ Class I railways.

Source: Capital expenditures through 1950: Association of American Railroads, Bureau of Railway Economics; *Railroad Transportation*. Other data: Interstate Commerce Commission; annual report, *Statistics of Railways in the United States*.

No. 615.—STEAM RAILWAYS—INVESTMENT, INCOME, AND DIVIDENDS: 1910 TO 1950

[All figures, except as indicated, in thousands of dollars. Excludes data for switching and terminal companies. Investment is as reported by carrier and should not be confused with tentative valuation fixed by Interstate Commerce Commission. See also *Historical Statistics*, series K 60, 61, and 77 for earlier data on investment and net operating income]

YEAR ENDING DEC. 31—	Investment book value ¹	Invest- ment per mile of road	Deprecia- tion reserve ²	Net rail- way oper- ating in- come	Return on in- vest- ment	Other in- come ³	Interest, rents, and other de- ductions ³	Dividends declared ³
		Dollars			Percent			
1910, June 30.....	4 14,557,816	64,382		805,097	5.53	222,915	511,417	351,202
1920.....	19,849,320	81,954	1,081,342	12,101	.06	(5)	640,516	275,348
1925.....	23,217,209	94,917	1,681,291	1,136,728	4.89	272,102	706,272	349,089
1930.....	26,051,000	105,661	2,360,767	874,154	3.36	361,166	716,730	511,269
1935.....	25,500,465	106,339	2,771,404	505,415	1.98	186,228	686,688	131,448
1939.....	25,538,157	109,331	3,102,779	595,961	2.33	162,599	665,054	129,386
1940.....	25,646,014	110,449	3,095,237	690,554	2.69	170,794	670,267	166,506
1941.....	25,668,984	111,352	3,240,145	1,009,592	3.93	178,066	683,002	189,750
1942.....	25,838,351	113,304	3,561,570	1,499,304	5.80	184,245	737,185	206,118
1943.....	26,145,458	115,288	3,939,562	1,370,568	5.24	202,969	667,257	220,822
1944.....	26,631,654	117,771	4,382,604	1,113,153	4.18	213,082	640,423	249,592
1945.....	26,967,756	119,664	5,549,720	858,864	3.18	206,993	589,073	249,581
1946.....	27,277,974	121,074	5,890,975	624,868	2.29	211,933	548,819	237,005
1947.....	27,686,103	123,215	6,037,033	790,534	2.86	230,980	536,442	240,733
1948.....	28,664,759	127,625	6,279,892	1,014,815	3.54	237,410	544,784	295,191
1949.....	29,519,832	131,784	6,438,177	698,957	2.35	255,934	508,408	257,192
1950.....	30,174,312	135,076	6,607,231	1,055,309	3.50	267,850	527,342	319,116

¹ Includes proprietary companies. 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.

² Amortization of defense projects included subsequent to 1940.

³ Excludes returns for lessor companies.

⁴ Investment originally published is increased by \$170,000,000, estimated reserve for accrued depreciation, to make figures comparable with those of other years.

⁵ Figure not comparable on account of Federal control accounting requirements.

⁶ Excludes returns for class II and class III companies.

Source: Interstate Commerce Commission; annual report, *Statistics of Railways in the United States*.

No. 616.—STEAM RAILWAYS—REVENUES, EXPENSES, AND INCOME: 1936 TO 1950

[Method of calculating net revenue and net operating income is more fully shown in table 618. Excludes switching and terminal companies; operating revenues of switching and terminal companies: 1947, \$188,560,000; 1948, \$217,306,000; 1949, \$203,884,000; 1950, \$233,092,000; operating expenses: 1947, \$138,057,000; 1948, \$154,442,000; 1949, \$148,288,000; 1950, \$158,995,000. See also *Historical Statistics*, series K 71-79]

ITEM	ALL ROADS						
	1936-40, average	1941-45, average	1946-50, average	1947	1948	1949	1950
Average miles of line (first track) operated.....	249,100	241,723	238,023	238,975	237,824	237,330	236,911
Income account items (\$1,000):							
Operating revenues.....	4,071,163	8,122,360	8,909,102	8,784,214	9,784,332	8,680,791	9,587,000
Per mile of line (dollars).....	16,343	33,602	37,430	36,758	41,141	36,577	40,467
Operating expenses.....	2,998,447	5,507,771	6,989,656	6,869,806	7,552,630	6,968,296	7,135,055
Percent of revenue.....	73.65	67.81	78.46	78.21	77.19	80.27	74.42
Net revenue from operations.....	1,072,716	2,614,589	1,919,445	1,914,408	2,231,702	1,712,495	2,451,945
Per mile of line (dollars).....	4,306	10,816	8,064	8,011	9,384	7,216	10,360
Tax accruals.....	353,335	1,265,554	911,192	949,273	1,043,036	845,089	1,212,084
Net railway operating income.....	687,364	1,170,308	835,897	790,534	1,014,815	693,957	1,055,309

ITEM	CLASS I							
	Total		Eastern district		Southern district		Western district	
	1949	1950	1949	1950	1949	1950	1949	1950
Average miles of line (first track) operated.....	226,546	226,296	53,458	53,333	46,026	46,084	127,062	126,879
Income account items (\$1,000):								
Operating revenues.....	8,580,142	9,473,093	3,320,372	3,639,383	1,659,643	1,861,900	3,600,127	3,971,720
Per mile of line (dollars).....	37,874	41,862	62,112	68,239	36,059	40,404	28,334	31,303
Operating expenses.....	6,891,819	7,059,276	2,755,135	2,889,551	1,315,603	1,333,180	2,821,081	2,836,545
Percent of revenue.....	80.32	74.62	82.98	79.40	79.27	71.60	78.36	71.42
Net revenue from operations.....	1,688,323	2,413,817	565,237	749,832	344,040	528,810	779,046	1,135,175
Per mile of line (dollars).....	7,452	10,667	10,573	14,059	7,475	11,475	6,131	8,947
Tax accruals.....	832,538	1,194,615	276,784	360,558	185,717	283,131	370,037	550,926
Net railway operating income.....	686,487	1,039,706	211,921	303,467	159,440	256,030	315,126	480,209

Source: Interstate Commerce Commission; annual report, *Statistics of Railways in the United States*.

No. 617.—STEAM RAILWAYS—RECEIVERSHIPS AND TRUSTEESHIPS: 1884 TO 1950

YEAR (CALENDAR, EXCEPT AS NOTED)	UNDER RE- CEIVERSHIP END OF YEAR ¹		PLACED UNDER RE- CEIVERSHIP			YEAR (CALENDAR, EXCEPT AS NOTED)	UNDER RE- CEIVERSHIP END OF YEAR ¹		PLACED UNDER RE- CEIVERSHIP		
	Num- ber	Mileage oper- ated	Num- ber	Miles	Stocks and long- term debt (1,000 dollars)		Num- ber	Mileage oper- ated	Num- ber	Miles	Stocks and long- term debt (1,000 dollars) ²
1884.....	-----	-----	37	11,038	714,755	1899 ³	108	77,013	3	734	78,860
1885.....	-----	-----	44	8,836	385,460	1940 ³	108	75,270	1	24	33
1890.....	-----	-----	26	2,993	105,007	1941 ³	91	69,859	1	425	250
1895.....	169	37,856	31	4,089	368,075	1942 ³	87	66,904	4	974	83,329
1900.....	52	4,178	16	1,165	78,234	1943 ³	82	64,768	2	414	5,523
1905.....	26	796	10	3,598	176,321	1944 ³	76	50,497	3	422	3,854
1910.....	39	5,257	7	735	54,428	1945 ³	72	39,714	1	496	7,012
1915.....	85	30,223	12	20,143	1,070,806	1946 ³	65	34,389	-----	-----	-----
1920.....	61	16,290	10	541	21,620	1947 ³	52	22,750	2	431	425
1925.....	53	18,687	6	11,368	680,422	1948 ³	46	13,283	4	429	7,078
1930.....	30	9,486	4	4,752	277,324	1949 ³	44	12,679	2	441	116,572
1935 ⁴	87	68,345	13	27,124	2,168,871	1950 ³	42	12,223	-----	-----	-----

¹ Data relate to June 30 prior to 1916, Dec. 31 thereafter.

² Beginning 1939, includes receivers and trustees certificates and nonnegotiable debt to affiliated companies.

³ Includes roads under trusteeship.

⁴ Owned mileage for recent years as follows: 1941, 25; 1942, 709; 1943, 171; 1944, 98; 1945, 118; 1947, 365; 1948, 163; 1949, 420; 1950, none.

Source: Interstate Commerce Commission; annual report, *Statistics of Railways in the United States* for first 2 columns and all data beginning with 1935; *The Railway Age*, Chicago, for other data.

**No. 618.—STEAM RAILWAYS (CLASS I)—INCOME ACCOUNT OF OPERATING ROADS:
1936 TO 1950**

[In thousands of dollars. Excludes switching and terminal companies.]

ITEM	1936-40, average	1941-45, average	1946-50, average	1947	1948	1949	1950
Revenues	4,015,180	8,041,257	8,807,505	8,684,918	9,671,722	8,580,142	9,473,093
Freight.....	3,266,554	6,141,351	7,133,906	7,041,185	7,976,285	7,048,240	7,817,263
Passenger.....	419,049	1,340,485	972,191	963,322	904,303	860,744	813,417
Mail.....	97,024	120,887	219,188	170,182	199,939	222,771	374,046
Express.....	55,433	113,958	97,444	115,836	117,631	79,524	81,465
All other transportation.....	83,002	118,078	140,231	135,815	154,035	139,169	149,303
All other.....	92,318	206,498	244,545	258,578	259,529	229,694	237,599
Expenses	2,956,063	5,451,293	6,915,562	6,797,264	7,472,035	6,891,819	7,059,276
Maintenance, way, etc.....	466,882	1,036,465	1,256,226	1,212,096	1,348,000	1,283,529	1,287,265
Maintenance, equipment.....	774,225	1,475,776	1,608,996	1,558,010	1,702,944	1,607,333	1,707,936
Traffic.....	104,492	127,962	184,158	176,311	193,821	194,351	191,556
Transportation.....	1,439,204	2,538,462	3,483,358	3,476,434	3,821,198	3,415,794	3,491,072
All other.....	171,260	272,628	382,824	374,413	406,072	390,812	381,447
Net revenue from railway operations	1,059,117	2,589,964	1,891,943	1,887,654	2,199,687	1,688,323	2,413,817
Deduct—							
Tax accruals.....	347,655	1,252,963	898,044	936,395	1,028,527	832,538	1,194,615
Equipment rents.....	95,338	134,979	128,930	128,664	131,264	131,032	140,358
Joint facility rents.....	35,847	41,819	39,166	41,901	37,885	38,266	30,138
Net railway operating income	580,277	1,160,203	825,803	780,694	1,002,011	686,487	1,039,706
Net income or deficit after charges	84,250	678,516	537,160	478,875	608,057	438,158	783,572

ITEM	EASTERN DISTRICT			SOUTHERN DISTRICT			WESTERN DISTRICT		
	1948	1949	1950	1948	1949	1950	1948	1949	1950
Revenues	3,823,663	3,320,372	3,639,383	1,902,010	1,659,643	1,861,990	3,946,049	3,600,127	3,971,720
Freight.....	3,035,317	2,601,052	2,874,913	1,627,800	1,412,782	1,597,858	3,313,168	3,034,406	3,344,492
Passenger.....	494,884	453,451	430,204	150,107	132,188	121,030	319,312	275,105	202,183
Mail.....	71,103	81,281	135,897	36,211	40,146	65,503	92,625	101,344	172,046
Express.....	38,277	21,413	26,278	20,027	14,135	14,200	59,327	43,976	40,987
All other transportation.....	67,829	60,198	63,765	20,140	18,604	20,775	66,066	60,277	64,763
All other.....	116,253	102,977	108,326	47,725	41,698	42,624	95,551	85,019	86,049
Expenses	3,063,407	2,755,135	2,889,551	1,447,817	1,315,603	1,333,180	2,960,811	2,821,081	2,836,545
Maintenance, way, etc.....	500,246	447,778	467,100	278,749	263,664	266,597	569,005	572,087	553,568
Maintenance, equipment.....	722,624	654,557	730,043	342,834	315,986	325,811	637,486	636,790	652,082
Traffic.....	66,928	66,208	64,734	42,000	40,743	40,191	84,893	87,400	86,631
Transportation.....	1,617,977	1,438,008	1,482,617	704,941	619,747	626,537	1,498,280	1,358,039	1,381,918
All other.....	155,632	148,584	145,057	79,293	75,463	74,044	171,147	166,765	162,346
Net revenue from railway operations	760,256	565,237	749,832	454,193	344,040	528,810	985,238	779,046	1,135,175
Deduct—									
Tax accruals.....	348,511	276,784	360,558	231,351	185,717	233,131	448,665	370,037	550,926
Equipment rents.....	59,228	58,075	67,673	16,711	6,093	16,191	88,747	79,890	88,876
Joint facility rents.....	18,037	18,457	18,134	5,501	5,816	5,840	14,347	13,993	15,164
Net railway operating income	334,480	211,921	303,467	234,052	159,440	256,030	433,479	315,126	480,209
Net income or deficit after charges	181,054	88,741	181,458	172,694	99,649	202,171	344,309	240,768	390,943

¹ Deficit.

Source: Interstate Commerce Commission; annual report, *Statistics of Railways in the United States*.

NO. 619.—STEAM RAILWAYS (CLASS I)—RAILWAY TAX ACCRUALS, BY STATES: 1930 TO 1950

[Excludes switching and terminal companies and includes nonoperating subsidiaries. Total railroad taxes, Federal and State in 1950, by classes, were as follows: Class I and subsidiaries, \$1,196,262,851 (including \$3,351,024 Canadian, \$1,297,674 Mexican, \$299 Cuban, and \$6 Great Britain taxes); Class II and subsidiaries, \$15,385,605; Class III and subsidiaries, \$2,105,321; switching and terminal companies, \$47,328,515; grand total, \$1,261,082,292]

STATE	AMOUNT (thousands of dollars)						PER MILE OF LINE (dollars)			
	1930	1935	1940	1945	1949	1950	1940	1945	1949	1950
Total.....	349,207	238,372	397,391	822,868	833,202	1,191,615	1,809	3,834	3,897	5,585
U. S. Government taxes.....	40,986	26,796	183,546	551,004	519,517	868,037	836	2,568	-----	-----
New England:										
Maine.....	1,908	1,232	1,161	1,795	2,132	1,909	636	1,001	1,217	1,090
New Hampshire.....	1,125	718	538	523	633	627	550	565	693	690
Vermont.....	407	413	258	286	308	310	361	402	428	430
Massachusetts.....	4,709	3,964	3,832	4,414	4,590	5,004	2,147	2,574	2,694	2,938
Rhode Island.....	687	664	635	798	843	770	3,567	4,585	4,817	4,402
Connecticut.....	1,672	711	946	1,416	1,169	1,288	1,071	1,626	1,403	1,559
Middle Atlantic:										
New York.....	27,378	23,685	24,156	29,878	33,234	34,594	3,276	4,070	4,602	4,801
New Jersey.....	20,442	17,520	19,793	30,901	16,070	16,162	10,395	16,767	8,815	8,930
Pennsylvania.....	12,440	9,342	10,754	9,378	11,797	12,539	1,098	986	1,266	1,350
South Atlantic:										
Delaware.....	166	151	150	154	177	179	509	522	601	607
Dist. of Columbia.....	144	138	224	253	351	304	6,410	7,429	10,326	10,711
Maryland.....	2,076	1,748	2,110	3,523	3,895	3,678	1,879	3,179	3,528	3,334
Virginia.....	7,318	5,192	5,500	7,811	10,106	9,383	1,358	1,999	2,012	2,430
West Virginia.....	8,109	8,229	8,096	7,870	9,982	10,291	2,288	2,273	2,855	2,040
North Carolina.....	5,392	3,096	4,110	4,907	4,363	5,091	1,131	1,362	1,215	1,351
South Carolina.....	3,489	2,396	1,937	2,548	2,094	2,421	629	845	694	816
Georgia.....	3,966	2,434	2,519	3,146	3,990	5,414	472	593	756	1,035
Florida.....	4,964	3,039	2,132	3,046	4,405	4,470	445	731	974	990
East North Central:										
Ohio.....	19,928	10,452	11,063	12,722	15,906	16,124	1,320	1,534	1,919	1,945
Indiana.....	13,852	6,520	6,278	7,488	10,181	10,416	946	1,141	1,552	1,588
Illinois.....	22,084	13,610	12,900	19,040	22,387	24,127	1,103	1,640	1,938	2,094
Michigan.....	10,816	5,346	5,035	5,538	6,459	5,751	742	853	1,000	891
Wisconsin.....	7,201	4,921	4,455	4,681	5,701	5,437	683	728	909	871
West North Central:										
Minnesota.....	6,778	4,291	6,529	9,871	11,412	12,209	815	1,210	1,400	1,498
Iowa.....	8,026	3,804	2,986	3,388	5,614	5,196	334	386	644	606
Missouri.....	4,284	3,336	2,757	2,900	4,464	5,262	399	424	603	785
North Dakota.....	4,110	2,114	2,559	2,954	4,771	4,903	499	568	920	945
South Dakota.....	2,696	2,191	1,063	1,115	1,645	1,665	267	282	416	421
Nebraska.....	4,622	3,060	2,793	3,689	5,219	5,519	493	634	900	952
Kansas.....	8,871	6,232	5,327	6,322	9,582	9,801	623	750	1,141	1,167
East South Central:										
Kentucky.....	5,373	3,552	5,048	5,380	7,053	7,336	1,411	1,553	1,998	2,080
Tennessee.....	3,629	2,558	2,841	5,784	6,796	6,600	844	1,767	2,079	2,020
Alabama.....	3,681	2,378	2,736	3,592	4,201	3,886	611	819	965	893
Mississippi.....	5,047	2,937	3,079	3,962	4,708	4,639	840	1,110	1,334	1,816
West South Central:										
Louisiana.....	5,098	4,087	3,854	4,318	4,803	5,093	1,001	1,169	1,314	1,394
Texas.....	7,614	5,487	5,250	5,562	6,942	7,174	359	388	485	501
Oklahoma.....	6,408	3,607	3,723	4,277	5,722	5,886	603	726	972	1,005
Arkansas.....	3,025	2,290	2,038	2,880	3,383	3,828	497	722	927	1,051
Mountain:										
Montana.....	5,178	4,460	4,068	4,058	6,262	6,380	809	815	1,257	1,281
Wyoming.....	1,970	1,671	1,715	1,970	2,831	2,834	925	1,110	1,694	1,596
Colorado.....	4,271	3,363	3,021	4,026	5,632	5,977	748	1,009	1,432	1,526
New Mexico.....	2,785	1,883	1,768	2,019	2,007	2,148	651	824	829	887
Arizona.....	3,100	3,055	2,597	3,154	4,306	5,228	1,276	1,554	2,127	2,538
Utah.....	2,404	2,243	2,309	2,956	3,200	3,083	1,135	1,605	1,789	1,733
Nevada.....	1,970	1,756	1,813	1,819	2,232	2,126	1,073	1,229	1,614	1,442
Idaho.....	3,244	2,516	2,524	2,949	4,043	4,027	942	1,111	1,627	1,521
Pacific:										
Washington.....	7,430	3,882	3,346	4,734	5,719	5,458	684	952	1,151	1,098
Oregon.....	3,064	2,413	2,297	2,673	4,863	5,187	767	901	1,652	1,773
California.....	13,210	6,229	7,047	13,496	15,512	15,783	1,018	2,023	2,252	2,296

Source: Interstate Commerce Commission; annual report, *Statistics of Railways in the United States*.

No. 620.—STEAM-RAILWAY FREIGHT SERVICE—SUMMARY STATISTICS: 1936 TO 1950

[Excludes switching and terminal roads except as noted. Tons of 2,000 pounds. See also *Historical Statistics*, series K 43-52]

ITEM	ALL ROADS						
	1936-1940, average	1941-1945, average	1946-1950, average	1947	1948	1949	1950
Freight revenue, rail line (\$1,000)-----	3,313,398	6,221,235	7,236,485	7,140,881	8,090,194	7,151,237	7,933,764
Per train-mile ¹ -----	\$6.95	\$9.29	\$12.72	\$11.43	\$13.64	\$14.14	\$15.18
Per loaded car-mile (cents) ¹ -----	23.6	27.9	35.7	32.9	38.6	39.5	39.8
Revenue tons originated (1,000)-----	986,094	1,481,798	1,466,130	1,613,148	1,580,480	1,284,197	1,420,891
Total revenue tons carried (1,000)-----	1,778,746	2,925,421	2,781,640	3,039,365	2,997,976	2,425,123	2,710,919
Tons carried 1 mile:-----							
Revenue freight (millions)-----	341,322	654,687	602,917	657,878	641,104	529,111	591,550
Revenue ton-miles per mile of road-----	1,370,519	2,711,448	2,532,696	2,752,915	2,695,708	2,229,430	2,490,927
Revenue per ton-mile (cents) ² -----	.971	.950	1.200	1.085	1.262	1.352	1.341
Freight-train miles (1,000)-----	478,402	666,694	569,388	625,104	593,448	506,407	522,816
Freight-train car-miles:-----							
Loaded (revenue and non-revenue) (1,000)-----	13,882,034	21,969,322	20,051,850	21,490,484	20,745,520	17,947,564	19,735,505
Empty (1,000)-----	8,371,016	11,938,016	10,427,275	10,860,301	10,858,378	10,205,987	10,195,410
Average miles per car per day ³ -----		46.2	42.8	45.7	44.1	39.3	42.5
Revenue ton-miles per train-mile-----	713	977	1,059	1,052	1,080	1,045	1,131
Ton miles per loaded car-mile ⁴ -----	24.6	29.7	30.1	30.6	30.9	29.5	30.0
Haul per ton:-----							
U. S. as a system (miles)-----	346.13	439.36	411.23	407.82	405.64	412.02	416.32
Individual railway (miles)-----	191.89	222.44	216.75	216.45	213.85	218.18	218.21
Revenue per ton:-----							
U. S. as a system-----	\$3.36	\$4.20	\$4.94	\$4.43	\$5.12	\$5.57	\$5.58
Individual railway-----	\$1.86	\$2.13	\$2.60	\$2.35	\$2.70	\$2.95	\$2.93

ITEM	CLASS I							
	Total		Eastern district		Southern district		Western district	
	1949	1950	1949	1950	1949	1950	1949	1950
Freight revenue, rail line (\$1,000)-----	7,048,240	7,817,263	2,601,052	2,874,913	1,412,782	1,597,858	3,034,406	3,344,492
Per train-mile-----	\$14.14	\$15.18	\$16.02	\$17.76	\$12.95	\$14.12	\$12.87	\$13.94
Per loaded car-mile (cents)-----	39.5	39.8	45.6	45.9	39.3	39.8	35.4	35.7
Revenue tons originated (1,000)-----	1,226,503	1,354,196	458,544	502,239	313,073	307,067	454,886	484,890
Total revenue tons carried (1,000)-----	2,303,080	2,570,153	1,028,445	1,148,872	519,356	603,779	755,279	817,502
Tons carried 1 mile:-----								
Revenue freight (millions)-----	526,500	588,578	176,291	198,354	117,900	135,094	232,309	255,130
Revenue and nonrevenue (millions)-----	558,987	619,945	184,671	206,397	125,165	142,436	249,151	271,112
Revenue ton-miles per mile of road-----	2,321,799	2,598,236	3,293,011	3,713,659	2,556,849	2,925,647	1,828,044	2,010,454
Revenue per ton-mile (cents) ² -----	1.339	1.329	1.477	1.451	1.198	1.183	1.306	1.311
Freight-train miles (1,000)-----	498,573	514,971	153,731	161,888	109,112	113,137	235,730	239,946
Freight-train car-miles:-----								
Loaded (revenue and nonrevenue) (1,000)-----	17,866,445	19,644,438	5,713,891	6,273,036	3,592,686	4,014,968	8,559,868	9,356,434
Empty (1,000)-----	10,155,389	10,139,511	3,301,905	3,207,412	2,178,097	2,250,717	4,675,387	4,681,382
Average miles per car per day ³ -----	39.3	42.5	29.9	31.6	38.8	45.2	50.4	53.4
Revenue ton-miles per train-mile-----	1,068	1,157	1,166	1,247	1,088	1,203	906	1,074
Ton miles per loaded car-mile ⁴ -----	31.3	31.6	32.3	32.9	34.8	35.6	29.1	29.1
Haul per ton:-----								
U. S. as a system (miles)-----	429.3	434.6	384.5	394.9	376.6	368.0	510.7	526.2
Individual railway (miles)-----	228.6	229.0	171.4	172.7	227.0	223.7	307.6	312.1
Revenue per ton:-----								
U. S. as a system-----	\$5.75	\$5.77	\$5.07	\$5.72	\$4.51	\$4.35	\$6.67	\$6.90
Individual railway-----	\$3.06	\$3.04	\$2.53	\$2.51	\$2.72	\$2.65	\$4.02	\$4.09

¹ Class I roads only.² Based on freight revenue from rail-line operations.³ Includes switching and terminal companies.⁴ Based on revenue ton miles; nonrevenue ton miles not available for all roads.⁵ Based on revenue and nonrevenue ton miles.Source: Interstate Commerce Commission; annual report, *Statistics of Railways in the United States*.

No. 621.—STEAM RAILWAYS—PASSENGERS CARRIED AND PASSENGER REVENUE: 1936 TO 1950

[Passenger service revenue per train-mile includes revenue from mail, express, etc., but average revenue per passenger-mile is computed only from revenue from passengers themselves. See also *Historical Statistics*, series K 39-42]

ITEM	ALL ROADS						
	1936-40, average	1941-45, average	1946-50, average	1947	1948	1949	1950
Passengers carried (thousands).....	471,362	772,393	638,334	706,551	645,535	556,741	488,019
Passengers carried 1 mile (millions)....	23,068	71,713	43,775	45,972	41,224	35,133	31,790
Average journey per passenger (miles).....	48.94	92.85	68.58	65.07	63.86	63.11	65.14
Passenger train-miles (thousands).....	403,715	463,217	403,855	417,500	409,371	382,213	359,055
Passenger train car-miles (thou- sands).....	2,992,350	4,167,194	3,791,382	3,818,297	3,790,476	3,572,525	3,450,642
Passenger revenue (\$1,000).....	419,760	1,342,958	973,786	965,005	965,630	862,139	814,741
Passenger service train revenue per train-mile.....	1.49	3.58	3.29	3.09	3.23	3.13	3.61
Revenue per passenger per mile (cents).....	1.82	1.87	2.22	2.10	2.34	2.45	2.56
Average passengers per train.....	57	158	109	110	101	92	89

ITEM	CLASS I							
	Total		Eastern district		Southern district		Western district	
	1949	1950	1949	1950	1949	1950	1949	1950
Passengers carried (thousands)...	554,430	486,194	403,610	348,523	64,749	58,026	86,071	79,645
Passengers carried 1 mile (mil- lions).....	35,095	31,760	17,352	15,199	5,370	4,925	12,373	11,636
Average journey per passenger (miles).....	63.30	65.32	42.99	43.61	82.93	84.87	143.75	146.10
Passenger train-miles (thou- sands).....	380,254	357,545	151,864	139,593	66,986	61,527	161,404	156,425
Passenger train car-miles (thou- sands).....	3,567,434	3,446,482	1,401,052	1,310,903	643,013	612,519	1,523,369	1,523,060
Passenger revenue (\$1,000).....	860,648	813,355	453,339	430,117	132,188	121,030	275,121	262,208
Passenger service train revenue per train-mile.....	3.13	3.61	3.76	4.34	2.82	3.31	2.66	3.09
Revenue per passenger per mile (cents).....	2.45	2.56	2.61	2.83	2.46	2.46	2.22	2.25
Average passengers per train.....	92	89	1.14	109	80	80	77	74

¹ Based on data for class I roads only.

Source: Interstate Commerce Commission; annual report, *Statistics of Railways in the United States*.

No. 622.—STEAM RAILWAYS (CLASS I)—OPERATING REVENUES, FREIGHT AND PASSENGER REVENUE, AND FREIGHT TON-MILES, BY MONTHS: 1925 TO 1951

[Except at times of general revisions in freight rates, changes in freight revenue closely parallel those of ton-mileage.
Excludes class I switching and terminal companies]

YEAR	Average	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
TOTAL OPERATING REVENUES (millions of dollars)													
1925.....	510.2	479.2	450.1	481.1	468.6	483.5	501.7	517.1	549.9	559.9	585.3	527.4	518.7
1930.....	440.1	446.3	423.2	447.7	445.9	457.6	439.7	451.8	461.0	462.2	478.0	394.3	373.9
1935.....	287.5	264.2	254.9	280.9	274.7	279.5	281.3	275.3	294.0	306.9	341.0	301.3	296.1
1940.....	358.2	345.6	313.6	327.1	321.6	343.5	345.0	366.2	331.5	332.7	413.7	375.5	381.9
1944.....	786.4	740.7	735.3	797.0	759.5	804.1	799.5	809.0	836.2	799.2	818.7	780.7	766.9
1945.....	741.6	750.9	712.8	812.9	778.6	822.6	819.9	795.7	754.9	678.9	697.0	601.2	613.7
1946.....	635.6	641.0	579.1	646.2	586.6	532.6	612.0	674.1	710.3	660.4	710.0	658.2	637.7
1947.....	724.0	685.6	636.2	718.7	690.3	725.4	697.8	706.0	746.0	727.1	794.8	755.9	804.3
1948.....	806.0	750.7	715.9	776.6	729.0	796.4	838.1	842.0	868.1	844.8	878.1	825.3	806.6
1949.....	714.4	730.7	675.8	739.1	747.3	741.1	735.5	700.7	742.8	695.3	649.2	704.8	710.8
1950.....	789.4	657.0	584.9	743.3	713.8	745.4	779.2	772.2	889.8	872.0	925.4	882.2	927.9
1951.....	865.9	848.7	715.8	875.5	851.4	883.7	855.8	816.8	909.9	855.9	965.6	903.9	902.7
FREIGHT REVENUE (millions of dollars)													
1930.....	340.3	338.0	327.0	345.2	345.6	354.1	331.4	347.1	354.5	363.3	385.5	310.9	280.7
1935.....	233.0	211.5	206.5	229.2	222.6	224.9	225.8	221.1	235.7	250.6	285.4	243.7	234.4
1940.....	294.8	283.1	257.7	266.7	265.3	284.7	280.7	300.7	310.7	316.1	348.2	315.2	308.4
1945.....	544.2	553.4	536.8	622.8	593.9	626.0	610.7	589.2	547.3	488.3	492.3	403.7	401.2
1949.....	586.8	594.8	559.2	616.1	620.3	615.9	599.5	562.8	606.0	569.8	635.2	587.1	575.7
1950.....	651.4	537.3	482.0	630.5	601.8	634.7	649.2	639.7	748.1	725.0	784.5	710.8	673.6
1951.....	719.5	709.7	600.2	741.0	722.0	752.6	710.7	674.0	758.8	716.4	816.2	743.3	689.3

No. 622.—STEAM RAILWAYS (CLASS I)—OPERATING REVENUES, FREIGHT AND PASSENGER REVENUE, AND FREIGHT TON-MILES, BY MONTHS—Continued

YEAR	Average	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
PASSENGER REVENUE (millions of dollars)													
1930.....	60.8	70.5	61.3	61.8	59.6	60.4	67.2	65.8	67.4	59.1	52.4	48.7	55.4
1935.....	29.8	30.5	27.3	27.7	27.2	27.1	31.0	31.6	33.9	30.8	28.6	27.8	34.4
1940.....	34.8	36.1	31.9	33.3	30.0	29.7	35.9	37.7	41.0	36.1	33.5	31.2	40.8
1945.....	143.0	139.2	125.9	133.6	129.2	138.9	152.2	150.7	153.3	140.1	146.5	145.6	161.1
1949.....	71.7	81.5	67.4	67.6	68.7	67.9	77.1	82.6	78.6	69.8	61.0	63.8	74.4
1950.....	67.8	69.7	57.8	59.6	60.6	56.8	71.7	75.0	78.2	71.6	60.3	65.9	79.3
1951.....	75.0	78.2	63.8	70.6	66.8	70.7	80.6	80.6	83.8	74.1	71.1	71.8	88.2
FREIGHT TON-MILES (millions) ¹													
1930.....	35,179	36,718	34,347	35,301	34,900	36,573	34,417	35,595	37,423	36,232	39,294	32,310	29,034
1935.....	26,031	24,967	24,124	27,508	23,340	24,672	25,951	23,174	25,938	27,731	31,218	27,482	26,179
1940.....	33,820	32,518	29,662	31,118	29,909	33,081	32,900	33,716	36,406	37,060	38,614	35,955	34,003
1945.....	60,504	60,676	58,924	68,224	65,215	68,631	66,558	64,696	60,487	56,078	53,230	53,453	49,844
1949.....	46,746	49,197	45,360	46,719	50,218	51,630	47,973	44,992	48,366	44,231	40,554	46,036	45,190
1950.....	51,883	41,793	36,383	50,937	49,687	51,155	51,865	51,982	59,415	57,941	61,980	54,817	54,608
1951.....	50,578	56,510	48,367	50,069	56,908	58,764	56,643	53,284	60,017	58,131	61,838	56,740	52,664

¹ Revenue and nonrevenue.

Source: Interstate Commerce Commission; monthly reports, *Operating Revenues and Operating Expenses of Class I Steam Railways* and *Operating Statistics of Class I Steam Railways*.

No. 623.—STEAM RAILWAYS (CLASS I)—REVENUE FREIGHT ORIGINATED, BY COMMODITY GROUPS: 1930 TO 1950

[In thousands of tons of 2,000 pounds. Excludes switching and terminal roads. Excludes nonrevenue freight; this is a large item in the case of a few commodities, notably coal. See also *Historical Statistics*, series K 52-59]

ITEM	1930	1935	1940	1945	1947	1948	1949	1950
Total.....	1,153,197	789,627	1,009,421	1,424,913	1,537,546	1,506,878	1,226,503	1,354,196
Products of agriculture.....	110,728	76,338	88,821	159,571	158,168	145,176	140,383	129,175
Animals and their products.....	23,129	15,125	15,456	23,748	19,716	16,865	15,284	14,321
Products of mines:								
Coal and coke.....	407,937	320,628	372,603	485,109	543,012	527,162	376,914	439,365
Other.....	234,600	124,508	197,557	247,832	304,795	318,478	279,845	307,443
Products of forests.....	69,371	42,483	58,221	75,604	87,027	86,104	69,257	78,860
Manufactures and miscellaneous.....	277,765	190,509	262,010	412,216	402,267	394,827	335,228	374,144
All less than carload.....	29,667	14,030	14,093	20,833	22,501	18,266	12,592	10,888

ITEM	EASTERN DISTRICT		SOUTHERN DISTRICT		WESTERN DISTRICT	
	1949	1950	1949	1950	1949	1950
Total.....	458,544	502,239	313,073	367,067	454,886	484,890
Products of agriculture.....	27,535	23,699	17,326	16,105	95,522	89,371
Animals and their products.....	3,387	3,377	1,719	1,614	10,179	9,330
Products of mines:						
Coal and coke.....	190,357	213,368	148,147	183,858	38,409	42,139
Other.....	58,253	64,642	58,618	66,936	159,974	175,865
Products of forests.....	3,639	3,980	27,172	32,134	38,446	42,746
Manufactures and miscellaneous.....	169,319	188,024	67,274	63,941	108,635	122,179
All less than carload.....	6,064	5,149	2,817	2,479	3,721	3,260

Source: Interstate Commerce Commission; annual report, *Statistics of Railways in the United States*.

No. 624.—STEAM RAILWAYS (CLASS I)—NUMBER OF CARS OF REVENUE FREIGHT LOADED, BY PRINCIPAL COMMODITIES: 1925 TO 1951

[In thousands. Figures are 52-week totals]

YEAR	Total	Grain and grain products	Live-stock	Coal	Coke	Forest products	Ore	Miscellaneous	Mdse., less than carload
1925	51,224	2,306	1,636	8,905	623	3,737	2,012	18,813	13,193
1930	45,878	2,265	1,285	7,027	488	2,369	1,662	17,681	12,201
1933	29,220	1,660	887	5,095	298	1,101	743	10,390	8,446
1934	30,846	1,646	1,074	6,135	333	1,149	793	11,474	8,241
1935	31,504	1,577	714	6,145	340	1,384	1,036	12,227	8,081
1936	36,109	1,805	759	6,937	480	1,683	1,623	14,546	8,276
1937	37,070	1,789	722	6,977	508	1,828	2,208	15,174	8,466
1938	30,457	1,967	703	5,541	275	1,418	846	12,026	7,682
1939	33,911	1,940	694	6,083	414	1,584	1,615	13,751	7,831
1940	36,358	1,835	685	6,820	540	1,800	2,148	14,842	7,079
1941	42,352	2,028	651	7,606	679	2,190	2,683	18,476	8,040
1942	42,771	2,185	745	8,356	732	2,445	3,016	19,755	5,637
1943	42,440	2,648	838	8,507	752	2,229	2,816	19,571	5,080
1944	43,408	2,521	892	8,890	751	2,271	2,649	20,007	5,428
1945	41,918	2,734	894	8,296	695	2,039	2,474	20,258	5,620
1946	41,341	2,497	925	8,004	587	2,263	1,996	18,744	6,325
1947	44,502	2,726	770	9,088	732	2,415	2,651	20,049	6,071
1948	42,719	2,408	630	8,690	739	2,348	2,701	19,686	5,457
1949	35,911	2,583	551	6,218	588	1,952	2,210	17,220	4,580
1950	38,903	2,466	491	7,240	727	2,226	2,529	18,955	4,209
1951	40,497	2,588	497	7,603	837	2,364	3,004	19,838	3,866

Source: Association of American Railroads, Car Service Division, Washington, D. C.; annual summary, *Cars of Revenue Freight Loaded*. Weekly reports are published currently.

No. 625.—STEAM RAILWAYS—NUMBER AND COMPENSATION OF EMPLOYEES: 1920 TO 1950

[Excludes switching and terminal companies. See also *Historical Statistics*, series K 82-83]

YEAR	ALL OPERATING CARRIERS		CLASS I CARRIERS					
	Average number of employees	Total yearly compensation (1,000 dollars)	Average number of employees	Total hours (thousands)	Total yearly compensation (1,000 dollars)	Average hours per employee	Average compensation	
							Per hour ¹	Per year
1920	2,075,886	3,754,281	2,022,832	5,446,741	3,681,801	2,602.6	\$0.676	\$1,820
1925	1,786,411	2,916,193	1,744,311	4,531,361	2,800,600	2,597.8	.631	1,740
1930	1,517,043	2,588,598	1,487,839	3,759,772	2,550,789	2,527.0	.678	1,614
1933	990,839	1,424,392	971,196	2,233,045	1,403,841	2,299.3	.629	1,445
1934	1,027,426	1,541,313	1,007,702	2,393,899	1,519,352	2,375.6	.635	1,508
1935	1,013,654	1,606,229	994,371	2,397,353	1,643,879	2,410.9	.686	1,653
1936	1,086,405	1,873,819	1,065,624	2,675,345	1,848,636	2,510.6	.691	1,735
1937	1,136,912	2,015,677	1,114,063	2,799,539	1,985,447	2,511.6	.700	1,781
1938	958,280	1,771,085	939,171	2,329,006	1,746,141	2,480.5	.750	1,589
1939	1,006,711	1,889,130	987,075	2,488,635	1,863,334	2,519.7	.749	1,837
1940	1,045,738	1,990,631	1,026,848	2,615,905	1,904,125	2,547.5	.751	1,913
1941	1,150,025	2,360,269	1,139,925	2,980,788	2,331,650	2,622.8	.780	2,045
1942	1,290,818	2,966,062	1,270,687	3,440,957	2,932,070	2,708.0	.852	2,307
1943	1,374,518	3,556,189	1,355,114	3,816,420	3,520,926	2,816.3	.923	2,538
1944	1,434,167	3,897,755	1,414,777	3,906,873	3,857,957	2,825.1	.965	2,627
1945	1,438,545	3,900,928	1,419,505	3,979,637	3,862,001	2,803.5	.970	2,721
1946	1,377,700	4,213,830	1,359,263	3,632,338	4,170,767	2,672.3	1.148	3,068
1947	1,370,510	4,399,296	1,351,863	3,613,206	4,352,047	2,672.3	1.204	3,219
1948	1,345,076	4,820,747	1,326,597	3,545,081	4,708,828	2,672.3	1.345	3,595
1949	1,209,102	4,498,545	1,192,019	3,018,736	4,418,790	2,532.5	1.464	3,707
1950	1,236,879	4,644,890	1,220,401	2,876,591	4,594,423	2,357.1	1.597	3,765

¹ Calculated for all classes of employees, including those not paid on an hourly basis.

Source: Interstate Commerce Commission; annual report, *Statistics of Railways in the United States*.

**No. 626.—STEAM RAILWAYS (CLASS I)—NUMBER AND COMPENSATION OF EMPLOYEES,
BY DISTRICTS AND BY CLASS: 1949 AND 1950**

[For years ending Dec. 31. Includes class I switching and terminal companies]

DISTRICT OR CLASS	AVERAGE NUMBER OF EMPLOYEES		TOTAL COMPENSATION (1,000 dollars)		AVERAGE PER DAY OR HOUR, STRAIGHT TIME		AVERAGE PER MONTH, TOTAL COM- PENSATION	
	1949	1950	1949	1950	1949	1950	1949	1950
DISTRICT								
All employees, all districts.....	1,236,825	1,267,815	4,592,481	4,778,876				
Daily basis.....	97,042	96,872	486,896	490,894	\$16.00	\$17.46	\$418	\$422
Hourly basis.....	1,139,783	1,170,943	4,105,585	4,287,982	1.381	1.512	300	305
Eastern district.....	506,451	523,205	1,885,352	1,999,913				
Daily basis.....	41,577	41,685	203,416	204,921	15.81	17.44	408	410
Hourly basis.....	464,874	481,520	1,681,936	1,794,992	1.407	1.538	302	311
Southern district.....	234,403	234,971	844,068	866,803				
Daily basis.....	18,351	18,025	96,111	96,674	16.37	17.54	436	447
Hourly basis.....	216,052	216,946	747,957	770,129	1.346	1.474	288	296
Western district.....	495,971	509,639	1,863,061	1,912,160				
Daily basis.....	37,114	37,162	187,369	189,299	16.01	17.44	421	424
Hourly basis.....	458,857	472,477	1,675,692	1,722,861	1.370	1.503	304	304
CLASS								
Executives, officials, and staff assistants.....	16,009	15,845	129,865	130,085				
Daily basis.....	16,009	15,845	129,865	130,085	26.05	27.89	676	684
Professional, clerical, and general.....	214,267	212,425	766,425	769,565				
Daily basis.....	41,959	41,447	183,980	183,436	14.60	16.20	365	369
Hourly basis.....	172,308	170,978	582,445	586,129	1.390	1.566	282	286
Maintenance of way and structures.....	240,504	243,389	691,632	711,390				
Daily basis.....	4,740	4,845	23,521	24,399	15.76	16.86	414	420
Hourly basis.....	235,764	238,544	668,111	686,991	1.197	1.353	236	240
Maintenance of equipment and stores.....	331,701	359,040	1,159,997	1,252,323				
Daily basis.....	11,424	11,415	58,639	60,252	15.71	17.30	428	440
Hourly basis.....	320,277	347,625	1,101,358	1,192,071	1.387	1.555	287	286
Transportation (other than train service, engine, and yard).....	155,170	156,468	529,663	548,247				
Daily basis.....	16,486	16,688	55,159	55,606	9.96	11.01	279	278
Hourly basis.....	138,684	139,780	474,504	492,641	1.317	1.477	285	294
Transportation (yardmasters, switch tenders, and hostlers).....	17,103	16,951	81,522	81,799				
Daily basis.....	6,424	6,632	35,732	37,116	15.65	16.08	464	465
Hourly basis.....	10,679	10,319	45,790	44,683	1.409	1.415	357	361
Transportation (train and engine service).....	262,071	263,697	1,233,377	1,285,467				
Hourly basis.....	262,071	263,697	1,233,377	1,285,467	1.578	1.582	392	406

Source: Interstate Commerce Commission; annual report, *Wage Statistics of Class I Steam Railways in the United States*.

No. 627.—STEAM-RAILWAY ACCIDENTS—NUMBER OF PERSONS KILLED AND INJURED, BY STATUS: 1891 TO 1950

[For various reasons, including fact that returns were required under different acts, statistics are not strictly comparable. Prior to 1921, train accidents were those causing damage to railway property in excess of \$150 or any damage and a resulting casualty. From 1921 to 1947 they were considered as such when damage exceeded \$150 with or without a casualty; for 1948, accidents causing damages in excess of \$250, with or without a casualty, were classified as train accidents; and, beginning January 1, 1949, the damage incurred was raised to \$275, or more. Where damage was less than the amounts specified and there was a reportable casualty it was classified as a train-service accident. Figures for years 1911-15 include industrial and other nontrain accidents to employees only, and for years 1908-10 exclude switching and terminal roads. Otherwise, data cover all reportable accidents, including those due to suicide, mental derangement, and attempting to escape custody. See also *Historical Statistics*, series K 84-93]

YEARLY AVERAGE OR YEAR ENDING—	TOTAL		PASSENGERS ¹		EMPLOYEES ²		OTHER PERSONS		TRESPASSERS	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
June 30:										
1891-1895.....	6, 821	35, 313	292	2, 967	2, 315	27, 051	595	1, 283	3, 618	4, 011
1896-1900.....	6, 946	42, 248	222	3, 237	2, 054	32, 793	634	1, 547	4, 036	4, 672
1901-1905.....	9, 326	72, 943	392	7, 894	3, 240	57, 209	891	2, 793	4, 795	5, 047
1906-1910.....	10, 210	105, 617	385	11, 625	3, 572	83, 502	994	4, 830	5, 258	5, 660
1911-1915.....	10, 174	174, 941	273	13, 382	3, 273	148, 640	1, 262	6, 836	5, 366	6, 083
Dec. 31:										
1916-1920.....	8, 662	176, 693	304	7, 419	2, 855	157, 523	2, 074	8, 460	3, 429	3, 291
1921-1925.....	6, 618	141, 688	173	5, 578	1, 654	123, 790	2, 225	9, 420	2, 566	2, 901
1926-1930.....	6, 623	89, 543	101	3, 667	1, 395	73, 522	2, 606	9, 822	2, 521	2, 532
1931-1935.....	5, 127	29, 834	38	1, 995	589	18, 222	1, 811	6, 529	2, 088	3, 087
1936-1940.....	4, 987	31, 292	56	2, 533	613	19, 765	1, 866	6, 883	2, 452	2, 111
1941-1945.....	5, 060	53, 813	174	4, 274	989	41, 223	2, 050	7, 038	1, 838	1, 278
1946-1950.....	3, 918	41, 868	97	3, 706	598	30, 778	1, 777	6, 243	1, 446	1, 141
1942.....	5, 337	48, 123	122	3, 501	1, 005	36, 032	2, 197	7, 237	2, 013	1, 353
1943.....	5, 051	60, 348	278	5, 166	1, 072	46, 971	1, 946	7, 076	1, 755	1, 135
1944.....	4, 908	61, 251	267	4, 854	1, 087	48, 613	1, 958	6, 632	1, 596	1, 152
1945.....	4, 812	61, 515	156	4, 840	972	48, 632	2, 052	6, 870	1, 632	1, 173
1946.....	4, 508	52, 026	128	4, 714	738	39, 472	1, 971	6, 870	1, 671	1, 170
1947.....	4, 285	48, 819	79	4, 246	791	36, 881	1, 903	6, 802	1, 512	1, 101
1948.....	3, 883	43, 107	59	3, 607	622	31, 961	1, 726	6, 499	1, 476	1, 130
1949.....	3, 426	32, 123	37	2, 545	450	22, 693	1, 614	5, 806	1, 325	1, 079
1950.....	3, 486	33, 267	180	3, 419	392	22, 586	1, 669	6, 129	1, 245	1, 133

¹ Data cover passengers on trains and travelers not on trains. Casualties sustained in nontrain accidents included with "other persons."

² Prior to 1921 casualties sustained by employees not on duty in nontrain accidents included with "other persons."

Source: Interstate Commerce Commission, annual report, *Accident Bulletin—Steam Railways*.

No. 628.—ACCIDENTS AT HIGHWAY GRADE CROSSINGS (ALL STEAM RAILWAYS)— AUTOMOBILE AND TOTAL CASUALTIES: 1936 TO 1950

[Excludes casualties due to suicide, mental derangement, and attempting to escape custody. See also headnote table 627]

YEAR	Number of acci- dents	ALL PERSONS		ACCIDENTS WHICH INVOLVED AUTOMOBILES		Total cas- ualties per 10,000 auto- mobiles registered
		Number killed	Number injured	Persons killed	Persons injured	
1936.....	4, 277	1, 786	4, 930	1, 519	4, 662	2.19
1937.....	4, 489	1, 875	5, 136	1, 607	4, 904	2.19
1938.....	3, 494	1, 517	4, 018	1, 307	3, 783	1.73
1939.....	3, 476	1, 398	3, 999	1, 190	3, 744	1.61
1940.....	4, 104	1, 808	4, 632	1, 576	4, 430	1.88
1941.....	4, 320	1, 931	4, 885	1, 679	4, 667	1.85
1942.....	4, 150	1, 970	4, 616	1, 621	4, 386	1.84
1943.....	3, 781	1, 732	4, 217	1, 378	3, 944	1.74
1944.....	3, 811	1, 840	4, 216	1, 512	3, 983	1.83
1945.....	4, 100	1, 903	4, 446	1, 577	4, 126	1.86
1946.....	4, 001	1, 851	4, 397	1, 558	4, 137	1.68
1947.....	4, 015	1, 790	4, 251	1, 521	4, 055	1.49
1948.....	3, 964	1, 612	4, 255	1, 355	4, 054	1.33
1949.....	3, 523	1, 507	3, 774	1, 307	3, 607	1.11
1950.....	4, 000	1, 576	4, 368	1, 393	4, 206	1.15

Source: Interstate Commerce Commission, annual report, *Accident Bulletin—Steam Railways*.

NO. 629.—THE ALASKA RAILROAD—SUMMARY OF PASSENGER AND FREIGHT SERVICES:
YEARS ENDING JUNE 30, 1950 AND 1951

ITEM	1950	1951	ITEM	1950	1951
Road mileage operated— monthly average.....	536	536	FREIGHT TRAFFIC		
PASSENGER TRAFFIC			Freight-train miles.....	454,334	532,839
Passenger-train miles ¹	255,103	234,482	Loaded cars, 1 mile, freight and mixed trains.....	6,770,000	8,430,000
Passenger-car miles, passenger trains ¹	681,801	820,181	Empty cars, 1 mile, freight and mixed trains.....	4,806,000	5,913,000
Total revenue passengers carried.....	104,300	112,080	All cars, 1 mile.....	11,576,000	14,343,000
Revenue passengers carried 1 mile.....	11,334,667	14,438,713	Tons of revenue freight car- ried:		
Total passenger revenue.....	\$527,291	\$638,004	Coal.....	355,341	314,361
Average revenue per passenger per mile.....	\$0.04650	\$0.04420	Miscellaneous.....	520,220	779,365
			Tons of revenue freight car- ried 1 mile.....	141,261,000	176,983,000
			Total freight revenue.....	\$9,347,529	\$12,487,587
			Average revenue per ton per mile.....	\$0.06617	\$0.06977

¹ Including motor miles.

Source: Department of the Interior, The Alaska Railroad.

NO. 630.—ELECTRIC RAILWAYS—SUMMARY: 1890 TO 1937

[The census of street railways, which was first taken in 1890, and which has been taken at quinquennial intervals through 1937 beginning with the inquiry for 1902, covers (1) all street railways, without regard to kind of motive power, and (2) all interurban railways using other than steam as motive power. The nonelectric railroads included are those operated principally by cable and gasoline engines. Operations of electrified divisions of steam-railway companies are not included. Figures in this table do not include data for motorbus and trolley-bus operations of electric street railways. (For motorbus and trolley-bus statistics from census reports, see source)]

ITEM	1890	1902	1912	1922	1927	1932	¹ 1937
Number of companies.....	789	987	1,200	² 1,200	² 963	² 706	² 478
Miles of line operated ³	5,783	16,045	30,438	31,264	27,948	20,110	14,214
Miles of all track operated ³	8,123	22,577	41,066	43,932	40,722	31,548	23,770
Value of road and equipment (thou- sand dollars).....	389,357	2,167,634	4,596,563	5,058,762	(⁴)	4,143,381	4,399,768
Number of employees ⁵	70,764	140,769	282,461	300,119	264,575	⁶ 182,165	152,476
Number of passenger cars.....	32,505	60,290	76,162	77,301	70,309	59,692	44,864
Revenue passengers, including pay- transfer (thousands).....	2,023,010	4,774,212	9,545,555	12,666,558	12,174,592	⁷ 7,955,981	7,485,290
Operating revenues (thousand dol- lars) ⁸	90,617	247,554	507,512	1,016,719	927,774	566,290	513,129
Operating expenses (thousand dol- lars) ⁸	62,011	142,313	332,896	727,795	694,460	442,607	406,119
Operating ratio (percent).....	68.4	57.5	68.7	71.6	74.9	78.2	79.1

¹ Excludes data for 22 companies, operating on a part-year basis. These companies reported 36,810,221 passen-
gers; 9,108,069 car-miles; 1,042,866 car-hours; \$2,388,295, operating revenue; and \$2,412,010, operating expense.

² Includes certain companies in Pennsylvania which maintained separate organizations, though controlled
through stock ownership by other companies. For 1912 these companies were treated as merged and not included
in the number reported.

³ Includes small mileage of track lying outside United States.

⁴ Data incomplete. Some of the companies engaged in both light-and-power and electric-railway operations
were unable to report separately the values of plant and equipment assignable to their railway activities.

⁵ Number reported as of June 30, for 1890, 1922, 1927, and 1932; for 1902, average for the year; for 1912, as of Sept.
16. Figures for 1937 represent an average of numbers reported on June 30 and Dec. 31.

⁶ Includes 334 trolley-bus operators.

⁷ Includes 29,721,000 trolley-bus passengers.

⁸ Includes auxiliary operating revenues of \$8,905,000 for 1927 and \$91,242,000 for 1922; auxiliary expenses, \$7,822,000
for 1927, and \$49,232,000 for 1922. Data for operating revenues and operating expenses of auxiliary operations
excluded so far as possible for earlier years.

Source: Department of Commerce, Bureau of the Census; Census of Electrical Industries, report on Street
Railways and Trolley-Bus and Motorbus Operations. Survey discontinued.

No. 631.—EXPRESS COMPANIES—INCOME ACCOUNT: 1921 TO 1950

[In thousands of dollars. Mileage operated by Railway Express Agency, Inc., 1950: Total, 318,466; steam road, 188,988; electric line, 1,372; steamboat line, 13,412; motor carrier, 15,352; airplane, 99,342]

CALENDAR YEAR	Receipts for transportation	Paid for express privileges	Total operating revenues ¹	Operating expenses	Net operating revenues	Express taxes	Operating income ²	Other income	Net income ³
American Railway Express Co.:									
1921.....	294,064	113,491	184,897	182,265	2,631	2,095	508	2,074	2,309
1925.....	290,303	143,832	149,715	146,433	3,282	2,059	1,195	1,088	2,184
1929 ⁴	41,104	18,554	23,083	22,560	523	327	193	193	381
Railway Express Agency, Inc.:									
1929 ⁵	242,216	127,591	117,628	115,535	2,093	1,343	734	687	20
1935.....	138,751	53,170	88,068	84,899	3,169	1,548	1,603	148	4
1938.....	155,590	50,478	107,640	98,827	8,813	6,401	2,394	173	731
1939.....	167,179	57,803	111,976	104,158	7,818	6,967	831	192	2
1940.....	176,521	59,063	119,957	111,478	8,479	7,539	907	178	4
1941.....	195,696	63,117	135,262	125,638	9,624	8,488	1,106	225	188
1942.....	260,259	107,708	155,306	144,448	10,858	9,785	1,055	320	191
1943.....	350,215	146,042	207,545	193,590	13,955	13,074	861	433	66
1944.....	400,865	150,088	254,734	238,017	16,717	15,618	1,172	349	219
1945.....	437,139	157,075	284,428	266,900	17,468	16,724	712	372	228
1946.....	427,341	106,814	326,230	305,483	20,747	19,841	876	411	57
1947.....	436,683	129,315	312,981	288,136	24,845	24,187	623	451	329
1948.....	410,973	130,254	294,833	276,557	18,270	17,858	379	1,178	55
1949.....	335,295	89,525	250,667	234,584	16,083	15,824	213	1,185	123
1950.....	314,808	97,178	222,661	207,054	15,607	14,137	1,437	1,047	70
Southeastern Express Co.:									
1921 ⁷	4,374	1,649	2,781	2,719	61	25	37	10	47
1925.....	8,041	3,912	4,241	4,086	155	86	67	20	87
1929.....	8,007	3,900	4,244	4,098	146	110	35	38	73
1935.....	5,520	2,234	3,406	3,250	156	96	57	3	60
1938 ⁸	3,122	746	2,436	2,270	166	158	6	1	7

¹ Includes revenues from sources other than transportation.

² Deducting, besides taxes, a small amount of uncollectible revenue.

³ Sum of 2 preceding columns less deductions.

⁴ Result of operations for 2 months ended Feb. 28, 1929, when taken over by Railway Express Agency, Inc.

⁵ Result of operations for 10 months ended Dec. 31, 1929. ⁶ Deficit.

⁷ Result of operations for 8 months ended Dec. 31, 1921.

⁸ Result of operations for 7 months ended July 31, 1938, when taken over by Railway Express Agency, Inc.

No. 632.—PULLMAN COMPANY—SUMMARY OF OPERATIONS: 1910 TO 1950

[All money figures in thousands of dollars]

YEAR ENDING—	Total revenues, car operations	Association and contract revenues, debit ¹	EXPENSES, CAR OPERATIONS		Net revenues, car operation	Operating income	REVENUE PASSENGERS CARRIED	
			Total	Conducting car operations			Thousands	Number per car-day
June 30:								
1910.....	35,334	959	23,962	(²)	11,372	13,151	20,203	14
1915.....	38,723	2,421	26,633	11,716	12,090	10,816	24,252	12
Dec. 31:								
1920.....	72,124	13,155	61,031	30,805	11,093	9,304	39,255	16
1925.....	80,198	8,873	63,513	32,247	16,685	12,546	35,526	12
1930.....	76,234	5,534	68,960	35,379	7,274	4,937	29,360	9
1935.....	48,428	2,683	49,077	19,720	³ 6,619	³ 1,647	15,479	9
1940.....	57,962	2,131	51,942	21,940	6,020	2,266	14,765	8
1942.....	95,875	13,570	72,531	36,169	23,344	9,151	26,063	11
1943.....	120,629	26,888	92,706	50,107	27,763	5,553	32,632	13
1944.....	147,288	19,080	107,998	60,922	33,290	10,721	35,835	13
1945.....	142,578	13,647	117,855	60,361	24,693	9,045	31,454	12
1946.....	131,692	2,360	118,694	62,841	12,998	4,780	25,948	11
1947.....	110,260	3,680	104,946	51,611	5,314	³ 1,003	21,012	13
1948.....	110,272	5,364	99,438	51,669	10,834	3,734	18,650	12
1949.....	101,951	3,346	92,003	50,573	9,948	4,030	16,022	11
1950.....	106,721	1,219	93,636	52,836	13,085	6,873	15,606	11

¹ Amounts due other carriers under provisions of definite contracts. ² Not separated. ³ Deficit.

Source of tables 631 and 632: Interstate Commerce Commission; annual report, *Statistics of Railways in the United States*.

No. 633.—TRANSIT INDUSTRY—SUMMARY: 1930 TO 1950

[Represents entire transit industry comprising all organized local passenger transportation agencies except taxicabs and suburban railroads. Based on financial and statistical reports received by American Transit Association from transit companies representing 85 to 96 percent of the industry]

ITEM	1930	1935	1940	1945	1947	1948	1949	1950
Miles of route operated (Dec. 31):								
Electric railway—miles of single track.....	35,400	26,700	19,602	17,702	14,976	12,964	11,931	10,813
Surface.....	34,320	25,470	18,360	16,480	13,750	11,740	10,700	9,590
Subway and elevated.....	1,080	1,230	1,242	1,222	1,226	1,224	1,231	1,223
Trolley coach—miles of negative overhead wire.....	140	548	1,925	2,313	2,699	2,905	3,318	3,482
Motorbus—miles of route round trip.....	60,900	58,100	78,000	90,400	95,300	96,500	96,400	98,000
Passenger vehicles owned (Dec. 31), total.....	86,263	74,844	75,464	90,278	92,601	91,261	88,775	86,867
Electric railway cars.....	64,790	50,466	37,062	36,897	30,977	27,034	25,374	23,543
Surface.....	55,150	40,050	26,030	26,080	21,607	17,578	15,595	13,800
Subway and elevated.....	9,640	10,416	11,032	10,217	9,370	9,456	9,899	9,743
Trolley coaches.....	173	578	2,802	3,711	4,707	5,687	6,366	6,504
Motorbusses.....	21,300	23,800	35,000	49,670	56,917	58,540	57,035	56,820
Investment (Dec. 31), total (millions).....	(1)	(1)	\$4,066	\$4,262	\$4,077	\$3,900	\$3,940	\$3,918
Electric railway.....	(1)	(1)	3,588	3,620	3,330	3,111	3,110	3,060
Surface.....	(1)	(1)	1,574	1,570	1,279	1,060	998	913
Subway and elevated.....	(1)	(1)	2,014	2,050	2,051	2,051	2,112	2,147
Trolley coach.....	(1)	(1)	68	76	96	118	137	144
Motorbus.....	(1)	(1)	460	566	651	671	693	714
Operating revenues, total (millions).....	\$963	\$681	\$737	\$1,380	\$1,391	\$1,489	\$1,491	\$1,452
Electric railway.....	803	520	456	709	607	666	621	578
Surface.....	649	388	328	500	510	474	403	362
Subway and elevated.....	154	132	128	149	157	192	218	216
Trolley coach.....	2	5	25	68	77	91	112	122
Motorbus.....	158	156	256	603	647	732	758	752
Vehicle miles operated, total (millions).....	2,707	2,327	2,596	3,254	3,342	3,311	3,183	3,007
Electric railway.....	1,995	1,544	1,316	1,398	1,301	1,187	1,015	906
Surface.....	1,540	1,007	845	940	839	699	555	463
Subway and elevated.....	455	447	471	458	462	458	460	443
Trolley coach.....	6	10	80	133	155	178	200	206
Motorbus.....	706	764	1,194	1,723	1,886	1,976	1,908	1,895
Passengers carried, total (millions).....	15,567	12,226	13,098	23,254	22,540	21,368	19,008	17,246
Electric railway.....	13,072	9,512	8,325	12,124	10,852	9,112	7,185	6,168
Surface.....	10,513	7,270	5,943	9,426	8,096	6,506	4,839	3,904
Subway and elevated.....	2,559	2,239	2,382	2,698	2,756	2,606	2,346	2,264
Trolley coach.....	16	60	554	1,244	1,355	1,528	1,661	1,658
Motorbus.....	2,479	2,618	4,239	9,886	10,332	10,728	10,162	9,420
Revenue passengers carried, total (millions).....	12,528	9,782	10,504	18,982	18,287	17,312	15,251	13,845
Electric railway.....	10,346	7,408	6,465	9,636	8,589	7,213	5,683	4,903
Surface.....	7,782	5,166	4,183	7,081	5,980	4,740	3,480	2,790
Subway and elevated.....	2,564	2,252	2,282	2,555	2,609	2,473	2,203	2,113
Trolley coach.....	13	77	419	1,001	1,073	1,203	1,268	1,261
Motorbus.....	2,169	2,297	3,620	8,345	8,625	8,893	8,300	7,681
Number of employees (average), total.....	276,444	209,200	202,400	242,000	266,000	261,000	253,000	240,000
Electric railway.....	247,244	164,400	122,500	129,200	121,000	109,000	98,000	90,900
Trolley coach.....	400	1,300	6,400	8,500	11,000	14,000	15,000	15,400
Motorbus.....	28,800	43,500	73,500	104,300	134,000	138,000	140,000	133,700
Pay roll, total (millions).....	\$479	\$321	\$360	\$632	\$790	\$829	\$841	\$835

1 Not available.

Source: American Transit Association, New York, N. Y.; annual report, *Transit Fact Book*.

No. 634.—CLASS I INTERCITY MOTOR CARRIERS OF PROPERTY—SUMMARY OF FINANCIAL AND OPERATING STATISTICS: 1945 TO 1949

[All money figures, except average revenue and expense per vehicle-mile, in thousands of dollars. Covers common and contract carriers with average annual operating revenues of \$100,000 or more engaged wholly or preponderantly in intercity service subject to general jurisdiction of I. C. C.]

ITEM	1945	1946	1947	1948	1949
Number of carriers reporting.....	1, 445	1, 516	1, 603	1, 825	2, 012
Investment in carrier operating property.....	258, 578	314, 561	398, 769	516, 303	615, 449
Less reserve for depreciation and amortization.....	134, 905	143, 703	163, 039	215, 458	270, 706
Net investment in carrier operating property.....	123, 673	170, 858	230, 130	300, 845	344, 743
Income statement:					
Operating revenue, total.....	746, 394	883, 806	1, 232, 546	1, 662, 882	1, 894, 588
Common carrier.....	675, 678	805, 457	1, 123, 814	1, 518, 283	1, 722, 744
Contract carrier.....	53, 992	59, 489	78, 164	105, 688	126, 735
Other operating revenue.....	16, 724	18, 860	30, 568	38, 911	45, 109
Expenses, total.....	745, 002	852, 292	1, 174, 211	1, 552, 772	1, 793, 814
Operation and maintenance expenses.....	588, 140	666, 741	1, 032, 719	1, 379, 114	1, 589, 049
Equipment maintenance and garage.....	130, 557	132, 337	148, 638	194, 045	205, 597
Transportation.....	102, 345	217, 618	437, 503	764, 702	890, 078
Terminal.....	133, 801	168, 851	255, 095	171, 214	197, 762
Traffic.....	18, 538	21, 938	28, 075	37, 353	47, 261
Insurance and safety.....	43, 222	51, 057	71, 116	97, 915	108, 131
Administrative and general.....	69, 677	74, 940	92, 292	113, 885	131, 220
Depreciation and amortization ¹	28, 348	31, 873	44, 701	60, 815	74, 207
Operating taxes and licenses ²	49, 901	54, 489	64, 116	73, 167	83, 317
Operating rents, net.....	78, 613	99, 189	32, 615	39, 676	47, 241
Operating ratio (percent expenses of operating revenue).....	90. 8	96. 4	95. 3	93. 4	94. 7
Net operating revenue.....	1, 392	31, 514	58, 335	110, 109	100, 774
Lease of distinct operating unit—Net.....	285	282	577	749	480
Other income, less income deductions.....	499	1, 184	3, 589	1, 935	2, 704
Net income before income taxes.....	1, 656	30, 048	54, 420	107, 425	97, 640
Net income after income taxes.....	2, 227	21, 020	37, 012	72, 184	63, 572
Dividend appropriations and withdrawals ³	10, 473	9, 491	12, 590	18, 047	21, 029
Number and compensation of employees:					
All employees:					
Number ⁴	132, 904	145, 942	157, 590	141, 421	153, 802
Compensation ⁴	335, 403	391, 544	474, 403	465, 119	533, 229
Equipment maintenance and garage:					
Number.....	11, 873	12, 423	13, 626	11, 205	11, 840
Compensation.....	31, 765	34, 723	41, 792	37, 190	41, 298
Transportation:					
Drivers and helpers: ⁵					
Number.....	48, 193	53, 316	51, 120	64, 423	70, 354
Compensation.....	125, 525	146, 104	161, 308	220, 588	253, 817
Others:					
Number.....	3, 069	3, 063	3, 406	2, 741	3, 017
Compensation.....	10, 319	10, 802	13, 007	11, 267	13, 191
Terminal:					
Number.....	6 51, 496	6 58, 819	6 68, 914	45, 209	48, 946
Compensation.....	6 112, 923	6 140, 413	6 185, 238	127, 981	146, 242
Sales, tariff, and advertising:					
Number.....	3, 087	3, 351	3, 825	4, 085	5, 070
Compensation.....	9, 808	11, 093	14, 537	10, 566	21, 125
Administrative and general:					
General officers:					
Number.....	2, 723	2, 799	3, 063	2, 319	2, 457
Compensation.....	20, 760	22, 334	26, 792	23, 524	26, 006
Others, including insurance and safety:					
Number.....	12, 463	12, 171	13, 636	11, 439	12, 118
Compensation.....	24, 294	25, 475	31, 072	28, 023	31, 550
Operating statistics and averages:					
Owned revenue vehicles, total.....	100, 165	112, 300	127, 912	151, 027	169, 409
Trucks.....	19, 610	20, 727	22, 233	25, 232	28, 038
Truck-tractors.....	33, 534	36, 308	41, 582	48, 935	54, 202
Semitrailers.....	44, 081	52, 274	60, 804	72, 764	82, 732
Full trailers.....	2, 940	2, 991	3, 293	4, 096	4, 497
Intercity vehicle-miles (millions).....	2, 165	2, 407	3, 059	3, 810	4, 338
Tons of intercity revenue freight carried ⁷ (thousands).....	108, 017	112, 298	135, 426	165, 828	176, 452
Miles per owned vehicle.....	43, 385	46, 147	47, 401	40, 863	48, 053
Revenue per vehicle-mile (intercity).....	\$0. 337	\$0. 359	\$0. 393	\$0. 420	\$0. 420
Expense per vehicle-mile (intercity) ⁸	\$0. 344	\$0. 354	\$0. 384	\$0. 408	\$0. 414

¹ Amortization represents a very small part of this total.

² Does not include Federal or State income taxes.

³ Withdrawals of sole proprietors and partners.

⁴ Beginning 1948, excludes employees of Common Carriers of other than general freight and contract carriers as follows: 1948, 40, 606, compensation \$138,759,000; 1949, 45,603, compensation \$165,600,000.

⁵ Does not include drivers of equipment engaged by these carriers to perform "purchased transportation."

⁶ Includes collection and delivery employees (subsequently included with drivers, etc.) as follows: 1945, 21,444, compensation, \$51,441,000; 1946, 24,630, compensation, \$63,353,000; 1947, 29,000, compensation, \$83,370,000.

⁷ Includes duplications on account of tonnage received from connecting motor carriers.

⁸ Basic figures include expenses of operating vehicles in local services not available separately.

Sources: Interstate Commerce Commission; annual report, *Statistics of Class I Motor Carriers*.

No. 635.—CLASS I INTERCITY MOTOR CARRIERS OF PROPERTY—SELECTED OPERATING STATISTICS, BY REGIONS: 1944 TO 1949

[See headnote, table 634. 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 ¹				Vehicle-miles, total intercity service (1,000)	EMPLOYEES ²	
				Trucks	Truck-tractors	Semi-trailers	Full trailers		Average number	Compensation (\$1,000)
Total:										
1944	1,337	710,910	695,820	19,930	33,124	41,901	2,774	2,132,121	130,495	319,042
1945	1,445	746,394	745,002	19,610	33,534	44,081	2,940	2,164,808	132,904	335,403
1946	1,516	833,806	852,292	20,727	36,308	52,274	2,991	2,406,622	145,922	391,544
1947	1,603	1,232,546	1,174,211	22,233	41,582	60,804	3,293	3,050,474	167,580	474,403
1948	1,825	1,662,882	1,552,772	25,232	48,935	72,704	4,096	3,809,696	182,037	603,878
1949	2,012	1,894,588	1,793,814	28,038	54,202	82,732	4,497	4,338,273	199,405	698,829
1. New England:										
1944	132	50,765	49,841	2,127	2,489	3,201	4	117,833	9,385	25,577
1945	141	54,594	54,110	2,047	2,588	3,399	7	122,697	9,763	27,539
1946	150	65,270	62,057	2,139	2,921	4,330	28	132,828	11,006	32,201
1947	167	81,243	77,688	2,218	3,494	5,064	33	151,220	12,192	37,996
1948	181	92,684	89,994	2,343	3,762	5,522	36	161,095	13,206	44,150
1949	203	100,791	97,496	2,534	4,127	6,068	62	172,503	13,792	48,339
2. Middle Atlantic:										
1944	332	145,477	142,424	3,728	7,304	9,277	28	369,650	26,572	67,268
1945	357	150,177	149,500	3,611	7,539	9,701	45	377,021	26,935	69,256
1946	393	179,472	174,043	4,073	8,478	11,466	29	419,274	30,711	82,074
1947	397	243,466	231,553	4,303	9,807	13,295	39	513,177	32,740	99,457
1948	446	317,472	297,866	4,623	11,200	15,762	159	636,238	37,468	123,086
1949	487	357,983	339,303	5,073	12,016	17,691	202	711,578	40,910	142,044
3. Central:										
1944	324	218,116	212,809	3,388	10,525	14,522	872	606,778	38,836	98,106
1945	348	223,515	222,408	3,387	10,326	14,787	783	701,878	39,278	101,852
1946	346	272,203	259,840	3,265	10,919	17,948	665	822,264	42,979	118,121
1947	392	410,216	399,751	3,532	12,346	20,288	700	1,142,961	46,052	144,125
1948	456	580,075	540,076	4,073	14,764	24,479	963	1,452,140	53,008	186,298
1949	483	645,573	611,947	4,300	16,795	26,830	1,151	1,610,454	57,103	210,489
4. Southern:										
1944	143	79,465	78,559	2,238	4,152	4,583	17	284,626	15,963	32,087
1945	152	83,473	84,285	1,973	4,086	4,776	17	277,428	15,803	33,588
1946	167	91,554	88,731	2,052	4,186	5,520	37	279,141	15,910	37,048
1947	173	116,098	110,723	2,203	4,629	6,347	36	329,802	16,145	41,304
1948	191	163,859	151,048	2,538	5,278	7,580	44	421,051	18,583	54,225
1949	216	203,293	190,643	3,038	6,233	9,384	70	514,292	22,103	68,490
5. Northwestern:										
1944	64	33,025	32,495	949	1,775	2,021	4	105,108	6,778	16,000
1945	69	34,893	34,816	955	1,834	2,133	4	104,281	6,990	16,708
1946	67	42,911	41,934	1,080	2,073	2,684	4	118,560	8,000	21,086
1947	68	58,060	56,346	1,136	2,244	2,955	1	133,047	8,917	21,204
1948	73	74,990	70,559	1,244	2,540	3,370	2	156,511	9,793	32,067
1949	85	79,560	76,991	1,341	2,808	3,701	25	176,495	9,926	34,800
6. Midwestern:										
1944	73	37,476	37,531	1,002	1,734	1,975	32	137,704	6,845	16,282
1945	77	37,600	38,043	1,017	1,782	2,078	26	123,284	6,861	16,103
1946	89	49,052	47,057	1,192	2,167	2,804	61	152,630	8,213	20,732
1947	95	70,058	66,977	1,248	2,595	3,322	57	191,731	9,450	26,808
1948	109	93,593	87,808	1,437	3,057	3,979	94	244,041	10,791	33,575
1949	125	120,190	120,777	1,959	3,787	5,430	48	310,171	13,767	40,843
7. Southwestern:										
1944	109	58,733	56,482	2,495	3,149	3,841	18	194,778	12,564	25,042
1945	124	64,988	64,354	2,387	3,106	3,755	82	212,069	13,330	28,280
1946	122	72,814	70,270	2,537	3,184	4,284	80	220,947	13,705	32,237
1947	112	90,643	84,443	2,590	3,337	4,488	78	244,687	13,705	36,070
1948	129	122,913	113,135	3,066	4,271	5,429	102	310,171	16,055	47,364
1949	142	140,419	130,254	3,285	4,758	6,272	67	354,612	17,538	54,934
8. Rocky Mountain:										
1944	20	14,870	14,655	534	336	415	162	47,541	2,498	6,042
1945	31	16,890	16,893	554	316	518	185	49,204	2,564	6,675
1946	36	22,200	21,609	667	438	664	273	62,736	3,280	8,881
1947	44	44,651	40,939	909	929	1,377	221	112,635	5,021	15,677
1948	55	55,621	50,314	1,055	1,022	1,516	249	126,032	5,638	19,440
1949	61	67,888	61,854	1,188	1,284	1,809	269	157,045	6,638	23,876
9. Pacific:										
1944	131	72,983	70,964	2,469	1,660	2,365	1,637	178,108	11,054	32,638
1945	146	80,264	80,593	3,679	1,957	2,884	1,791	191,946	11,373	35,402
1946	146	88,330	86,745	3,722	1,942	3,174	1,814	198,242	12,077	39,164
1947	155	117,511	111,791	4,064	2,231	3,668	2,068	239,924	13,368	46,753
1948	185	162,275	151,372	4,808	3,051	5,137	2,447	302,418	16,885	63,703
1949	210	172,891	164,489	5,320	3,394	5,547	2,603	330,623	17,628	69,014

¹ Excludes equipment used under lease, including operations conducted under "purchased transportation arrangements."

² Excludes drivers of equipment engaged by these carriers to perform "purchased transportation" service.

Source: Interstate Commerce Commission; annual report, *Statistics of Class I Motor Carriers*.

No. 636.—CLASS I INTERCITY MOTOR CARRIERS OF PASSENGERS—SUMMARY OF FINANCIAL AND OPERATING STATISTICS: 1945 TO 1949

[All money figures, except average fare and average revenue and expense per vehicle-mile, in thousands of dollars. Covers carriers with average annual operating revenues of \$100,000 or more engaged wholly or preponderantly in intercity service subject to jurisdiction of Interstate Commerce Commission. This table does not include carriers subject to the Commission's jurisdiction engaged wholly or preponderantly in local or suburban service or carriers engaged in transportation of both property and passengers]

ITEM	1945	1946	1947	1948	1949
Number of carriers reporting.....	231	254	253	260	262
Investment in carrier operating property	153,477	174,455	226,368	283,833	293,029
Less reserve for depreciation and amortization.....	81,103	91,209	99,643	113,269	133,087
Net investment in carrier operating property.....	72,374	83,246	126,725	170,564	159,933
Income statement:					
Operating revenue, total.....	377,933	380,627	367,424	401,337	379,751
Passenger revenue ¹	364,769	365,103	348,707	377,504	354,214
Special bus revenue.....	5,381	6,641	8,404	10,696	11,470
Other operating revenue.....	7,783	8,883	10,313	13,133	14,067
Expenses, total.....	264,034	299,217	312,517	350,632	345,585
Operation and maintenance expenses.....	214,224	246,992	257,756	286,921	279,205
Depreciation and amortization ²	17,336	17,720	19,853	26,794	30,906
Operating taxes and licenses ³	26,846	28,574	29,272	31,764	30,501
Operating rents, net.....	6,528	5,931	5,636	5,153	4,973
Operating ratio (percent expenses of operating revenue).....	70.1	78.6	85.1	87.4	91.0
Net operating revenue.....	112,999	81,410	54,907	50,701	34,166
Lease of carrier property, net.....	559	484	272	109	105
Other income, less income deductions.....	2,076	1,678	130	562	967
Net income before income taxes.....	110,364	82,604	54,765	50,230	33,094
Net income after income taxes.....	32,246	50,414	33,494	31,172	19,974
Dividend appropriations and withdrawals ⁴	18,599	31,795	21,250	20,611	15,362
Number of employees and compensation:					
All employees:					
Number.....	42,394	46,587	45,820	47,868	45,961
Compensation.....	108,394	129,185	136,123	151,474	151,261
Equipment maintenance and garage:					
Number.....	10,467	12,028	11,630	12,230	11,502
Compensation.....	25,752	31,316	31,065	35,548	31,945
Transportation:					
Drivers of passenger revenue vehicles: Number.....	17,560	19,298	19,494	20,909	20,509
Compensation.....	49,065	59,333	65,065	74,446	74,454
Others: Number.....	1,698	1,820	1,816	1,869	1,861
Compensation.....	5,503	6,225	6,520	6,880	7,263
Station:					
Number.....	7,163	7,581	7,079	6,993	6,526
Compensation.....	12,560	15,005	15,243	16,055	16,035
Traffic, solicitation, and advertising:					
Number.....	642	761	777	822	803
Compensation.....	1,934	2,383	2,629	2,850	2,935
Administrative and general:					
General officers: Number.....	516	566	574	566	569
Compensation.....	5,483	5,654	5,332	5,306	5,180
Others, including insurance and safety: Number.....	4,348	4,524	4,441	4,479	4,191
Compensation.....	8,097	9,269	9,669	10,389	10,449
Operating statistics and averages:					
Passenger vehicles owned ⁵	12,865	13,108	14,149	15,200	14,863
Vehicle-miles of owned and leased passenger vehicles: ⁶					
Regular route intercity service (thousands).....	860,485	964,227	978,364	1,051,056	987,512
Special, charter, and sightseeing service (thousands).....	15,113	17,620	22,274	27,987	29,410
Local and suburban service ⁷ (thousands).....	54,963	60,798	55,732	50,760	48,760
Number of revenue passengers carried:					
Regular route intercity service (thousands).....	434,614	433,730	412,332	420,758	367,074
Special, charter, and sightseeing service (thousands).....	7,036	7,216	8,667	9,716	9,634
Local service (thousands).....	122,794	121,014	108,454	106,293	92,714
Miles per vehicle ⁸	71,429	77,677	76,655	72,533	66,088
Average fare per passenger, per carrier, intercity service.....	\$0.793	\$0.798	\$0.802	\$0.852	\$0.912
Passenger revenue per vehicle-mile:					
Regular route intercity.....	.401	.359	.338	.341	.339
Special, charter, and sightseeing services.....	.356	.377	.377	.382	.390
Local service.....	.366	.315	.323	.376	.399
Expense per vehicle-mile.....	.285	.287	.296	.310	.324

¹ Regular route intercity and local revenue.

² Amortization represents a very small part of this total.

³ Excludes Federal or State income taxes.

⁴ Withdrawals, small in amount, of sole proprietors and partners.

⁵ Total vehicles owned at close of year.

⁶ Includes bus-miles of vehicles operated under "purchased transportation arrangements."

⁷ Includes only service on local and suburban runs of preponderantly intercity carriers.

⁸ Averages for owned and leased vehicles.

No. 637.—CLASS I INTERCITY MOTOR CARRIERS OF PASSENGERS—SELECTED OPERATING STATISTICS, BY REGIONS: 1944 TO 1949

[See headnote, table 636; for description of regions, see headnote, table 635]

REGION AND YEAR	Number of carriers reporting	Operating revenue (\$1,000)	Total expenses (\$1,000)	PASSENGER VEHICLES		REGULAR-ROUTE INTERCITY			EMPLOYEES	
				Inter-city ¹	Total ²	Vehicle-miles (1,000)	Revenue passengers carried (1,000)	Average fare per passenger, per carrier	Average number	Total compensation (\$1,000)
Total:										
1944.....	194	374,667	245,403	11,808	12,895	833,851	429,917	\$0.798	40,092	100,933
1945.....	231	377,933	264,934	12,281	13,393	860,485	434,614	.793	42,394	108,394
1946.....	254	380,627	299,217	12,558	13,636	904,227	433,730	.798	46,587	129,185
1947.....	253	367,424	312,517	12,915	14,040	978,364	412,332	.802	45,820	136,123
1948.....	260	401,350	330,632	14,622	15,831	1,051,056	420,758	.852	47,868	151,474
1949.....	262	379,751	345,585	14,988	16,115	987,512	367,074	.912	45,961	151,261
1. New England:										
1944.....	16	12,768	10,510	587	626	29,039	26,856	.421	1,743	4,449
1945.....	18	11,412	10,255	559	584	26,097	23,132	.450	1,601	4,493
1946.....	18	10,274	9,682	495	513	26,801	20,647	.445	1,647	4,545
1947.....	19	10,542	10,282	512	558	27,779	19,395	.473	1,684	4,973
1948.....	21	12,295	12,240	647	679	31,290	21,404	.499	1,783	5,653
1949.....	21	12,257	12,157	638	680	30,743	18,557	.573	1,786	5,748
2. Middle Atlantic:										
1944.....	34	38,428	29,701	1,540	1,663	89,899	66,806	.541	4,498	11,413
1945.....	34	39,985	32,507	1,556	1,772	87,191	64,620	.546	4,874	12,615
1946.....	41	45,322	38,638	1,749	2,001	102,498	67,469	.581	5,565	15,606
1947.....	44	44,596	40,374	1,767	1,904	104,648	65,074	.594	5,479	16,621
1948.....	42	48,731	44,958	1,999	2,240	107,760	67,732	.605	6,024	19,001
1949.....	43	39,167	37,962	1,743	1,965	84,593	54,654	.578	4,775	15,921
3. Central:										
1944.....	35	58,013	41,442	1,769	2,044	123,670	65,420	.777	6,659	17,884
1945.....	46	59,516	44,467	1,876	2,124	131,498	69,215	.753	7,129	19,115
1946.....	46	64,643	52,085	2,007	2,268	157,616	70,182	.809	8,019	23,058
1947.....	47	64,044	55,879	2,122	2,422	157,083	66,499	.828	7,870	24,639
1948.....	44	68,330	61,391	2,283	2,623	164,600	67,625	.880	7,906	26,394
1949.....	43	71,898	67,426	2,581	2,920	172,027	64,209	.968	8,683	29,520
4. Southern:										
1944.....	44	109,852	72,535	3,688	3,906	257,591	137,577	.759	11,875	27,366
1945.....	53	113,114	78,789	3,926	4,133	274,011	148,686	.724	12,405	30,113
1946.....	59	108,029	83,905	3,954	4,122	295,673	147,936	.692	13,206	33,851
1947.....	60	101,529	85,290	3,916	4,162	296,437	140,139	.678	12,941	35,228
1948.....	62	106,249	90,435	4,133	4,388	298,502	134,290	.735	12,745	36,640
1949.....	59	101,001	88,087	4,221	4,412	276,404	114,004	.819	11,900	36,090
5. Northwestern:										
1944.....	5	12,594	7,355	336	336	29,340	11,218	1.057	1,120	3,257
1945.....	6	13,355	8,299	367	367	32,029	11,657	1.097	1,169	3,233
1946.....	9	14,835	10,031	426	430	37,099	12,001	1.105	1,400	4,060
1947.....	10	14,802	11,729	476	481	41,252	12,935	1.090	1,604	5,050
1948.....	12	16,872	14,568	635	639	47,364	14,784	1.062	1,770	5,976
1949.....	14	11,529	12,244	504	504	35,801	10,344	1.027	1,509	5,044
6. Midwestern:										
1944.....	8	16,628	9,788	469	469	39,533	10,794	1.483	1,626	4,507
1945.....	12	18,383	11,391	529	529	44,966	12,929	1.374	1,909	5,168
1946.....	14	18,910	13,097	548	548	49,793	13,133	1.389	2,109	6,093
1947.....	14	23,631	19,187	704	704	65,723	14,543	1.535	2,603	8,632
1948.....	16	25,121	20,955	840	840	69,405	15,535	1.510	2,792	9,275
1949.....	16	22,509	19,575	826	826	60,461	12,860	1.611	2,725	9,292
7. Southwestern:										
1944.....	33	63,941	36,937	2,048	2,122	149,035	64,001	.940	6,425	15,639
1945.....	31	61,214	40,506	2,044	2,105	148,409	61,487	.940	6,954	16,062
1946.....	41	59,176	44,543	1,898	1,912	158,478	60,151	.936	7,201	19,065
1947.....	34	49,754	41,155	1,821	1,830	143,010	50,571	.941	6,262	17,590
1948.....	34	63,244	54,141	2,315	2,324	183,811	56,835	1.049	7,374	23,124
1949.....	36	63,302	50,508	2,553	2,559	187,752	52,399	1.125	7,588	24,739
8. Rocky Mountain:										
1944.....	5	4,185	2,567	118	165	9,166	3,007	1.236	424	1,054
1945.....	9	5,201	3,359	178	225	11,938	3,899	1.177	551	1,457
1946.....	10	4,831	3,496	172	210	12,532	2,882	1.452	574	1,619
1947.....	11	4,562	3,641	173	195	12,495	2,393	1.078	522	1,652
1948.....	11	4,868	4,029	200	224	13,185	2,714	1.542	615	1,826
1949.....	11	4,516	3,983	201	229	13,110	2,586	1.497	528	1,762
9. Pacific:										
1944.....	14	58,258	34,568	1,253	1,564	106,578	44,238	1.098	5,713	15,364
1945.....	15	55,663	35,301	1,246	1,554	104,346	39,089	1.178	5,772	15,538
1946.....	16	54,907	43,740	1,309	1,632	123,737	38,729	1.182	6,716	19,998
1947.....	17	53,964	45,010	1,364	1,664	129,337	40,793	1.099	6,765	21,738
1948.....	18	55,623	47,885	1,570	1,874	135,049	39,839	1.142	6,859	23,585
1949.....	19	53,572	47,643	1,661	1,960	126,615	37,061	1.144	6,398	23,136

¹ Includes vehicles owned, leased, and operated under "purchased transportation arrangements," operated in intercity revenue service.

² Includes average number operated in intercity service during year and number owned in local operations at close of year.

Source: Interstate Commerce Commission; annual report, *Statistics of Class I Motor Carriers*.

**NO. 638.—MOTORBUS LINES—SUMMARY OF OPERATIONS OF COMMON CARRIERS
AND SCHOOL BUSES: 1949 TO 1951**

ITEM	1949	1950	1951 (prel.)
COMMON CARRIER BUS OPERATIONS			
Number of operating companies (Dec. 31):			
City and city suburban	1,740	1,638	1,676
Intercity	3,060	2,858	2,914
Number of busses (Dec. 31):			
City and city suburban	57,800	57,570	58,364
Intercity	30,200	28,711	29,266
Miles of highway covered (Dec. 31): ¹			
City and city suburban	54,000	53,310	59,680
Intercity	416,500	400,284	438,447
Total bus miles (1,000):			
City and city suburban	1,786,611	1,881,843	1,819,460
Intercity	1,598,033	1,500,420	1,554,715
Revenue passengers, line service (1,000):			
City and city suburban ²	8,502,055	8,433,559	7,857,608
Intercity	854,981	815,172	844,375
Operating revenue (\$1,000):			
City and city suburban	786,351	798,933	820,432
Intercity	537,575	510,815	533,667
Taxes assignable to operations (\$1,000): ³			
City and city suburban	56,556	62,025	62,257
Intercity	42,880	42,508	43,456
Net operating revenue (\$1,000):			
City and city suburban	—5,908	8,540	—1,757
Intercity	39,912	37,962	48,641
Investment in plant and equipment (Dec. 31) (\$1,000):			
City and city suburban	830,825	855,492	(⁶)
Intercity	459,532	483,842	(⁶)
Number of employees (Dec. 31): ⁴			
City and city suburban	125,096	129,043	131,169
Intercity	66,749	66,570	67,155
Wages and salaries (\$1,000):			
City and city suburban	424,593	458,492	(⁶)
Intercity ⁵	215,085	224,949	(⁶)
SCHOOL BUS OPERATIONS			
Number of schools using busses	45,300	43,813	43,649
Number of busses	97,600	104,179	105,594
Total bus-miles (1,000)			689,593
Children carried daily (1,000)	5,720	6,204	6,410
Cost of service annually (\$1,000)	177,532	180,133	207,718

¹ Includes duplication between carriers. ² Includes revenue transfer passengers. ³ Excludes income taxes.

⁴ Operating companies only. ⁵ Not available. ⁶ Line service only.

**NO. 639.—TROLLEY BUS AND STREET CAR LINES—SUMMARY OF OPERATIONS:
1949 TO 1951**

ITEM	1949	1950	1951 (prel.)
TROLLEY BUS LINES			
Number of operating companies (Dec. 31)	42	42	42
Number of busses owned (Dec. 31)	6,355	6,497	7,059
Miles of highway covered (Dec. 31)	1,425	1,457	1,496
Total bus-miles (millions)	176	182	189
Revenue passengers (millions) ¹	1,149	1,169	1,113
Operating revenue (\$1,000)	102,724	108,960	118,746
Taxes assignable to operations (\$1,000) ²	4,581	4,912	5,343
Net operating revenue (\$1,000)	11,372	18,225	16,174
Number of employees on payroll	15,570	16,105	16,319
STREET CAR LINES			
Number of operating companies	101	88	82
Number of cars owned	15,505	13,800	12,300
Miles of single track	10,700	9,590	8,700
Miles of first main track	5,707	5,110	4,650
Operating revenue (\$1,000)	410,500	361,700	325,000
Number of passengers (millions)	3,480	2,790	2,208
Revenue-miles operated (millions)	555	463	371

¹ Includes revenue transfer passengers. ² Does not include income taxes.

Source of tables 638 and 639: *Bus Transportation*, Annual Review of Industry Progress Number; published by McGraw-Hill Publishing Co., Inc., New York, N. Y.

No. 640.—CIVIL AERONAUTICS—SUMMARY OF CIVIL FLYING: 1934 TO 1951

[As of Dec. 31 or for year ending Dec. 31. See also *Historical Statistics*, series K 246-273]

ITEM	1934	1940	1945	1949	1950	1951
Miles of controlled civil airways.....	19,081	32,100	43,285	61,392	70,253	74,424
Total civil aircraft.....	8,322	17,928	37,789	1 92,622	1 92,809	1 88,545
Hours in civil flying (1,000).....	846	3,200	(2)	3 11,031	(2)	(2)
Certificated airplane pilots.....	13,949	69,829	296,895	525,174	(2)	(2)
Miles flown, other than scheduled air carrier (thousands).....	75,602	264,000	(2)	4 1,128,092	(2)	(2)
Instructional.....	17,360	126,264	(2)	378,660	(2)	(2)
Commercial 5.....	20,980	31,961	(2)	166,138	(2)	(2)
Business.....	11,697	25,910	(2)	309,062	(2)	(2)
Pleasure.....	25,565	79,865	(2)	289,892	(2)	(2)
Fuel consumed (1,000 gallons):						
Gasoline.....	28,556	88,075	(2)	507,050	(2)	(2)
Oil.....	1,018	1,764	(2)	7,631	(2)	(2)
Radio range stations, total 6.....	112	292	360	748	749	760
Low/medium frequency.....	112	290	344	378	378	375
Very high frequency.....	—	2	16	370	371	385
Nondirectional radio beacons 6.....	73	48	88	120	141	152
Airport traffic control towers, federally operated 6.....	—	—	107	162	172	157
Airway traffic control centers, federally operated 6.....	—	11	29	30	31	31
Combined tower stations.....	—	—	—	—	—	19
Interstate airways communications stations.....	205	365	438	464	451	427
Airports in operation, as recorded by CAA, total.....	2,297	2,331	4,026	6,484	6,403	6 237
Municipal 7.....	980	1,031	1,220	2,200	2,272	2,316
Commercial 8.....	372	860	1,509	2,585	2,329	2,042
CAA intermediate 9.....	259	289	216	139	76	57
All others 10.....	186	161	1,081	1,560	1,726	1,822
Total accidents in non-air-carrier flying operations.....	1,491	3,471	4,652	5,459	4,505	(2)

1 Includes gliders. 2 Not available. 3 Includes 48,000 hours not classified as to type of flying.

4 Includes 5,240,000 miles not classified as to type of flying.

5 Includes noncertificated irregular air carrier and noncertificated cargo-carrier operations (for which no comparable classification existed for 1934 and 1940), as well as contract, charter, and other revenue-producing operations.

6 Data include continental United States, and Territories and possessions wherever applicable.

7 Public use and public services, public control. 8 Public use and public services, private control.

9 No public services, CAA control.

10 Includes military (no public services, military control); no public services, private control; no public services, Federal Government control (Forest Service, etc.).

Source: Department of Commerce, Civil Aeronautics Administration and Civil Aeronautics Board. Published in *CAA Statistical Handbook of Civil Aviation*.

No. 641.—CIVIL AERONAUTICS—SCHEDULED AIR CARRIER OPERATING REVENUES AND EXPENSES: 1940 TO 1950

[In thousands of dollars]

ITEM	DOMESTIC AIR CARRIERS				INTERNATIONAL AIR CARRIERS			
	1940	1945	1949	1950	1940	1945	1949	1950
Net operating income.....	5,967	34,117	24,301	63,240	1,256	7,346	21,292	11,808
Operating revenues, total.....	76,864	214,743	486,034	557,162	26,922	69,111	274,155	261,514
Passenger.....	63,308	166,520	388,930	443,852	8,812	38,859	158,480	160,673
Mail.....	20,090	33,693	59,333	63,772	13,439	12,246	75,197	55,689
Express and freight.....	2,078	10,835	27,987	35,109	893	7,315	22,127	21,664
Excess baggage.....	551	2,298	4,452	5,068	306	1,570	4,178	3,244
Other.....	836	1,396	5,331	9,360	3,472	9,121	14,173	20,244
Operating expenses, total.....	170,897	180,626	461,733	493,922	25,666	61,765	252,863	249,706
Aircraft.....	35,178	69,223	223,193	240,871	(2)	22,918	122,384	123,707
Flying operations.....	22,093	43,421	127,398	141,740	(2)	15,298	72,347	71,522
Direct maintenance flight equipment.....	7,496	16,393	54,028	57,792	(2)	5,199	26,311	26,324
Depreciation flight equipment.....	5,500	9,409	41,767	41,340	(2)	2,422	23,676	25,861
Ground and indirect expense.....	35,028	111,404	238,540	253,051	(2)	38,847	130,529	125,998

1 Includes total operating expenses for Colonial; distribution by type not available.

2 Not available.

Source: Department of Commerce, Civil Aeronautics Administration, and Civil Aeronautics Board. Published in *CAA Statistical Handbook of Civil Aviation*.

No. 642.—CIVIL AERONAUTICS—SUMMARY OF SCHEDULED AIR CARRIER OPERATIONS: 1934 TO 1951

[As of Dec. 31 or for year ending Dec. 31. See also *Historical Statistics*, series K 246-273]

ITEM	1934	1940	1945	1949	1950	1951 (prel.)
Number of operators:						
Domestic.....	24	19	20	37	38	39
International.....	2	3	4	13	12	12
Route miles in operation.....	50,801	95,079	87,401	181,678	183,841	187,820
Domestic ¹	28,609	42,757	48,516	72,667	77,440	79,057
International ²	22,192	52,322	38,885	109,011	106,401	108,763
Airplanes in service.....	522	437	518	1,090	1,120	1,121
Domestic.....	423	369	421	913	960	981
International.....	99	68	97	177	160	140
Average available seats: ³						
Domestic.....	8.86	16.54	19.68	35.03	37.47	39.55
International.....	(⁴)	18.28	18.91	36.60	40.96	46.38
Average speed (miles per hour):						
Domestic.....	(⁴)	(⁴)	155.4	179.0	181.2	184.0
International.....	(⁴)	(⁴)	150.7	207.1	218.4	223.5
Fuel consumed (1,000 gal.):						
Gasoline.....	25,136	74,535	159,911	518,098	572,246	(⁴)
Domestic.....	18,925	65,675	134,824	375,284	418,442	(⁴)
International.....	6,211	8,860	25,087	142,814	153,804	(⁴)
Oil.....	839	1,288	2,025	6,365	6,675	(⁴)
Domestic.....	669	1,104	1,710	4,703	5,007	(⁴)
International.....	170	184	316	1,663	1,668	(⁴)
Total personnel employed.....	6,477	22,051	68,281	80,994	82,786	(⁴)
Domestic.....	4,201	15,984	50,313	59,886	61,903	(⁴)
International.....	2,276	6,067	17,968	21,108	20,883	(⁴)
Revenue miles flown (all services) (thousands).....	49,065	119,753	241,578	456,171	458,087	503,034
Domestic.....	41,526	110,101	208,969	351,645	364,256	406,105
International.....	7,539	9,652	32,609	104,526	93,831	97,520
Revenue passengers carried.....	⁵ 572,265	⁵ 2,965,398	7,051,810	16,600,771	19,022,420	24,668,950
Domestic.....	⁵ 475,461	⁵ 2,802,781	6,576,252	15,080,704	17,346,943	22,635,838
International.....	⁶ 96,804	162,617	475,558	1,520,067	1,675,477	2,033,121
Revenue passenger miles flown, domestic (thousands).....	⁷ 189,806	1,052,156	3,362,455	6,752,622	8,002,825	10,566,139
Average passenger-mile rate, domestic.....	\$0.059	\$0.0507	\$0.0495	\$0.0576	\$0.0555	(⁴)
Express and freight, ton-miles flown.....	(⁴)	(⁴)	30,914,363	179,160,196	211,913,648	214,376,496
Domestic.....	⁸ 597,293	3,476,224	22,190,852	123,001,652	151,351,080	143,624,865
International.....	(⁴)	(⁴)	8,717,511	56,158,544	60,562,568	70,751,631
Mail, ton-miles flown, domestic.....	⁹ 2,237,175	10,117,858	¹⁰ 65,092,921	¹⁰ 41,418,293	¹⁰ 47,008,947	¹⁰ 63,948,335
Accidents, domestic: ¹¹						
Number of accidents.....	71	30	40	¹² 35	¹² 37	45
Revenue miles flown per accident.....	584,869	3,683,789	5,234,222	¹² 10,199,315	¹² 10,398,433	(⁴)
Total fatalities.....	29	45	88	¹² 113	¹² 109	170
Fatalities per 1,000,000 revenue miles flown.....	0.70	0.41	0.42	¹² 0.32	¹² 0.28	(⁴)
Accidents, international: ¹¹						
Number of accidents.....	2	6	5	9	6	10
Revenue miles flown per accident.....	3,760,553	1,608,622	6,521,741	11,726,715	16,204,920	(⁴)
Total fatalities.....	9	—	27	—	56	40
Fatalities per 1,000,000 revenue miles flown.....	1.19	—	0.83	—	0.58	(⁴)

¹ 1934 as of Dec. 31; 1940 and 1945, averages for December; and 1949-51, based on fourth quarter.² 1934 and 1940, as of Dec. 31; 1945, average for December; and 1949-51, based on fourth quarter.³ Obtained by dividing passenger seat miles by revenue miles flown in passenger service.⁴ Not available.⁵ Data for domestic passengers include duplication.⁶ Includes nonrevenue passengers.⁷ Includes nonrevenue miles.⁸ Excludes Colonial Airlines, Inc., and Hawaiian Airlines, Ltd.⁹ Excludes 224,236 ton-miles flown by U. S. Army.¹⁰ Excludes regular mail carried under special contract.¹¹ Revenue operations accidents.¹² Includes scheduled cargo carriers. (Includes nonscheduled operations.)Source: Department of Commerce, Civil Aeronautics Administration, and Civil Aeronautics Board. Published in *CAA Statistical Handbook of Civil Aviation*.

No. 643.—CIVIL AIRPLANE OUTPUT, BY POWER AND TYPES: 1946 TO 1951

ITEM	1946	1947	1948	1949	1950	1951
Airplanes produced, number.....	35,001	15,617	7,302	3,545	3,520	2,477
Under 3,000 lbs. airframe weight.....	34,568	15,339	7,039	3,379	3,391	2,279
3,000 lbs. airframe weight and over.....	433	278	263	166	129	198
Airplanes produced, by size:						
1- and 2-place.....	30,766	7,273	3,302	996	1,029	} 2,275
3- to 5-place.....	3,802	8,066	3,737	2,383	2,362	
Over 5-place.....	433	278	263	166	129	
Airplanes produced, by horsepower: ¹						
1-74.....	20,659	2,372	} 2,990	930	597	} 2,273
75-99.....	9,122	4,690				
100-399.....	4,736	8,246				
400-3,999.....	345	129	} 286	174	134	204
4,000 and over.....	139	180				

¹ Total rated horsepower of all engines.Source: Department of Commerce, Civil Aeronautics Administration and Bureau of Census. Published in *CAA Statistical Handbook of Civil Aviation*.

No. 644.—CIVIL AERONAUTICS—DOMESTIC SCHEDULED AIR CARRIER PERSONNEL: 1934 TO 1950

TYPE OF PERSONNEL	1934	1940	1945	1948	1949	1950
Total	4,201	15,984	50,313	60,416	59,886	61,903
Pilots and copilots.....	667	1,939	4,967	5,307	5,257	5,785
Other flight personnel.....		18	108	312	642	776
Purser, stewards, stewardesses.....		914	2,075	3,038	3,199	3,372
Meteorologists and dispatchers.....		193	2,613	2,612	2,497	2,450
Mechanics.....	1,650	4,054	10,844	16,428	15,674	15,788
Other hangar and field personnel.....	923	1,880	7,012	9,222	9,336	9,822
Office employees.....	961	5,855	19,241	21,396	21,136	21,894
All others.....		1,131	3,453	2,101	2,145	2,016

Source: Department of Commerce, 1934 and 1940, Civil Aeronautics Administration; 1945-50, Civil Aeronautics Board. Published in *CAA Statistical Handbook of Civil Aviation*.

No. 645.—EMPLOYMENT, HOURS, AND EARNINGS IN AIRCRAFT INDUSTRIES (ANNUAL AVERAGES): 1947 TO 1951

ITEM	1947	1948	1949	1950	1951
EMPLOYMENT ¹ (Prime contracting plants)					
All plants, number of employees.....	(2)	194,176	216,791	231,342	(2)
Airframe plants.....	151,242	151,163	167,695	180,187	300,363
Engine plants.....	33,830	35,101	40,703	42,584	66,340
Propeller plants.....	(2)	7,912	8,433	8,571	(2)
HOURS AND EARNINGS					
Average weekly earnings:					
Aircraft industries.....	\$53.99	\$60.21	\$62.69	\$67.15	(2)
Aircraft engines and parts industries.....	\$56.30	\$63.40	\$65.24	\$71.40	(2)
Average hourly earnings:					
Aircraft industries.....	\$1.360	\$1.465	\$1.548	\$1.622	(2)
Aircraft engines and parts industries.....	\$1.411	\$1.550	\$1.603	\$1.696	(2)
Average weekly hours:					
Aircraft industries.....	39.7	41.1	40.5	41.4	(2)
Aircraft engines and parts industries.....	39.9	40.9	40.7	42.1	(2)

¹ Data for week ending nearest middle of month.² Not available.Source: Department of Labor, Bureau of Labor Statistics, and Department of Commerce, Civil Aeronautics Administration, and Bureau of Census. Published in *CAA Statistical Handbook of Civil Aviation*.

No. 646.—AIRPORTS, AND AIRFIELDS, BY CLASS AND BY TYPE, BY STATES: JAN. 1, 1952

[Data cover existing airports and airfields recorded with Civil Aeronautics Administration. See also *Historical Statistics*, series K 257-258 for total and lighted airports]

STATE	Total	CLASS						TYPE ²					
		I (incl. Sub I) (¹)	II	III	IV	V	VI and over	Commer- cial	Muni- cipal	CAA inter- mediate	Military	Mis- cella- neous gov- ernment	Pri- vate
Total.....	6,237	3,871	993	573	453	180	167	2,042	2,316	57	346	145	1,331
Alabama.....	84	40	17	14	10	1	2	20	39	—	16	2	7
Arizona.....	175	71	43	31	14	13	3	25	44	1	26	27	52
Arkansas.....	85	55	11	10	9	—	—	23	34	—	—	—	28
California.....	510	285	77	53	38	33	24	151	161	4	46	10	138
Colorado.....	105	51	25	22	1	—	6	29	54	2	2	—	18
Connecticut.....	25	16	1	2	5	1	—	13	8	—	—	—	4
Delaware.....	19	12	3	1	1	—	2	9	2	—	1	—	7
Dist. of Columbia.....	3	—	—	—	1	1	—	—	1	—	2	—	—
Florida.....	176	43	24	38	41	11	19	37	82	2	50	—	5
Georgia.....	114	44	18	21	23	2	6	12	58	1	10	—	33
Idaho.....	151	123	16	7	2	—	3	11	82	—	1	27	30
Illinois.....	169	100	43	13	9	4	—	104	42	—	4	—	19
Indiana.....	132	84	28	10	8	2	—	84	36	—	4	—	8
Iowa.....	166	137	15	5	8	—	1	42	57	1	2	—	64
Kansas.....	184	122	26	14	5	9	8	37	98	—	9	—	40
Kentucky.....	51	38	3	5	4	—	1	19	14	—	2	—	16
Louisiana.....	86	47	14	12	8	2	3	13	37	—	4	—	32
Maine.....	64	39	6	12	2	2	3	19	25	—	4	—	16
Maryland.....	49	23	12	4	6	—	4	23	7	—	6	1	12
Massachusetts.....	74	44	11	9	7	—	3	42	23	—	5	—	4
Michigan.....	249	177	42	13	13	1	3	78	125	—	5	2	39
Minnesota.....	117	72	34	5	4	1	1	31	84	—	1	1	—
Mississippi.....	86	48	12	16	8	1	1	27	32	1	8	—	18
Missouri.....	104	69	17	10	5	3	—	40	49	1	1	—	13
Montana.....	118	85	15	6	6	2	4	15	81	1	1	15	5
Nebraska.....	134	102	12	5	2	2	11	34	70	1	1	1	27
Nevada.....	71	38	4	10	9	9	1	13	13	5	5	24	11
New Hampshire.....	34	24	4	3	2	—	1	16	12	—	1	—	6
New Jersey.....	78	52	12	7	5	1	1	61	8	—	4	—	5
New Mexico.....	94	45	18	7	10	7	7	16	29	8	4	4	33
New York.....	243	179	29	12	16	5	2	114	47	—	9	—	73
North Carolina.....	136	82	19	18	11	2	4	69	36	—	11	2	18
North Dakota.....	130	107	13	2	8	—	—	34	64	4	—	1	27
Ohio.....	232	170	39	9	9	2	3	147	41	2	4	1	37
Oklahoma.....	147	90	21	13	13	7	3	34	84	—	5	—	24
Oregon.....	123	84	9	11	13	4	2	31	45	2	1	12	32
Pennsylvania.....	208	158	28	14	7	1	—	139	40	1	6	—	16
Rhode Island.....	10	5	1	1	1	2	—	5	3	—	2	—	—
South Carolina.....	64	28	13	3	11	6	3	16	36	1	5	1	6
South Dakota.....	73	50	10	6	3	2	2	17	48	—	1	—	7
Tennessee.....	63	39	13	3	5	3	—	23	26	1	3	—	10
Texas.....	637	372	126	53	46	26	14	123	169	4	44	2	295
Utah.....	59	23	14	13	3	5	1	8	37	6	3	1	4
Vermont.....	21	17	—	3	1	—	—	10	10	—	1	—	—
Virginia.....	131	88	19	9	11	2	2	63	29	1	14	2	22
Washington.....	176	111	25	11	17	3	9	47	73	1	11	8	36
West Virginia.....	55	41	8	2	3	1	—	25	14	2	—	—	14
Wisconsin.....	169	118	33	13	3	—	2	84	66	2	1	—	16
Wyoming.....	53	23	10	12	6	1	1	9	35	2	—	1	6

¹ Sub I facilities are those which do not come up to Class I standards.² Airport and airfield type definitions: Commercial—Public use and public services, private control. Municipal—Public use and public services, public control. CAA intermediate—No public services, CAA control. Military—No public services, military control. Private—No public services, private control. Miscellaneous government—No public services, Federal government control (Forest Service, etc.).Source: Department of Commerce, Civil Aeronautics Administration; *Statistical Handbook of Civil Aviation*.

22. Waterways, Water Traffic, and Shipping

(Sent to print May 7, 1952)

Data in this section vary as to area coverage, the variation depending upon the source of compilation. The data from Corps of Engineers, Department of Army, are for continental United States and territories and possessions; data from Bureau of Census, and Bureau of Customs are for United States customs area which includes Alaska, Hawaii, and Puerto Rico and from 1935 through 1939, Virgin Islands; data from Maritime Administration and War Shipping Administration are for continental United States.

Units of measurement.—"Cargo tonnage" represents weight of cargo in long tons (2,240 pounds) or short tons (2,000 pounds). All other tonnage figures refer to capacity of vessels. The terms gross and net tonnage refer to space measurement, 100 cubic feet being called 1 ton. Gross tonnage is the capacity of the entire 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 exemptions. Net or registered tonnage is what remains after deducting from the gross tonnage 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 recorded as "entered with cargo" may bear little relation to actual 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. Displacement tonnage (naval vessels) has reference to weight of the vessel itself with its normal equipment, fuel, etc.

Types of vessel shipments.—Shipments by dry cargo vessels include shipments on all types of watercraft except tanker vessels, and shipments by tanker vessels include all types of cargo both liquid and dry carried by tanker vessels.

Vessel entrances and clearances.—The tables on vessel entrances and clearances show the number and net registered tonnage of American and foreign dry cargo and tanker vessels with cargo and in ballast entering and clearing the United States customs area in the foreign trade and indicate the customs districts at which these vessels first entered and from which they last cleared. With minor exceptions, all types of watercraft engaged in the foreign trade which are required to make formal entrance and clearance under United States customs regulations are included in the statistics. Army and Navy vessels entering or clearing without commercial cargo are not included in the figures. The tons shown in tables 661-666 are net tons of 100 cubic feet carrying capacity of the vessels (as defined in Part 16 of Title 46, "Code of Federal Regulations, Measurements of Vessels") and do not represent the actual weight of cargo carried.

A vessel is reported as entered at the first port in the United States at which entry is made, 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.

Vessels touching at a United States port in distress, or for other temporary causes without discharging cargo are not included in the figures.

Historical statistics.—See preface and historical appendix. Tabular headnotes (as "See also *Historical Statistics*, series K 132-145") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*.

No. 647.—WATER-BORNE COMMERCE OF THE UNITED STATES—CARGO TONNAGE, FOREIGN AND DOMESTIC: 1945 TO 1950

[In thousands of short tons of 2,000 pounds. See also *Historical Statistics*, series K 132-145]

CLASS	1945	1946	1947 ¹	1948 ¹	1949 ¹	1950 ¹
Foreign commerce, total	172,094	148,877	188,256	162,971	165,358	169,225
Imports, through seaports.....	44,526	47,948	57,366	68,078	77,153	96,299
Exports, through seaports.....	100,333	76,589	101,906	65,404	65,740	43,040
Imports, Great Lakes ports.....	6,511	4,163	4,796	4,219	4,839	5,083
Exports, Great Lakes ports.....	20,724	20,177	24,098	25,270	17,626	23,003
Domestic commerce, unadjusted total	698,188	729,926	(1)	(1)	(1)	(1)
Coastwise, between ports.....	30,705	37,000	153,068	174,081	161,431	182,544
Great Lakes, between ports.....	137,900	138,617	163,180	172,491	145,592	169,881
Local traffic of seaports and Great Lakes ports.....	97,822	91,225	112,698	113,959	102,637	106,906
Traffic between ports and river points ²	87,073	81,668	149,615	169,608	165,703	190,780
Traffic between ports of territories and possessions of the United States ³						1,239
Traffic on rivers, canals, and connecting channels ⁴	261,688	280,807				
Foreign and domestic, unadjusted total	870,282	878,803	(1)	(1)	(1)	(1)
Deductions of duplications:						
Traffic between seaports and river points.....	87,073	81,668	(1)	(1)	(1)	(1)
Other duplications (canals, etc.) ⁵	104,363	180,103	(1)	(1)	(1)	(1)
Net total, foreign and domestic	618,906	617,032	766,817	793,200	740,721	820,584
Approximate net total, domestic	746,812	746,155	578,561	630,229	575,363	651,359

¹ Figures are net for each type of traffic; no adjustments required to arrive at net totals.

² Represents traffic local to seaports, Great Lakes ports, and communities on inland waterways.

³ Represents traffic among ports and communities utilizing inland waterways exclusively.

⁴ Included in other types of domestic traffic prior to 1950.

⁵ Excluding St. Marys Falls Canal traffic and additional Detroit River traffic, data for which are already included in figures for Great Lakes traffic; also excluding duplications relating to rivers and canals themselves.

⁶ Principally coastwise and lake traffic passing through canals and connecting channels other than the St. Marys Falls Canal and Detroit River.

⁷ Estimated from figures in this table on assumption that all deductions represent duplications in domestic traffic; includes some minor duplications in figures for foreign traffic.

Source: Department of the Army, Corps of Engineers, *Annual Report of Chief of Engineers*, Part II, except for 1950 data, which are preliminary.

No. 648.—ESTIMATED EMPLOYMENT ON AMERICAN FLAG MERCHANT VESSELS: 1929 TO 1951

[Represents personnel employed on active steam and motor merchant vessels of 1,000 gross tons and over, engaged in deep-sea trades (overseas foreign, nearby foreign, intercoastal, and coastwise). Includes only freight, combination passenger and freight, and tanker vessels]

YEAR	Average monthly employment ¹	YEAR	Average monthly employment ¹	Date	Number employed ¹
1929.....	63,825	1938.....	50,905	Dec. 31, 1947.....	118,500
1930.....	62,360	1939.....	52,445	June 30, 1948.....	94,900
1931.....	57,180	1940.....	60,976	Dec. 31, 1948.....	78,200
1932.....	52,600	1941.....	60,225	June 30, 1949.....	78,200
1933.....	54,620	1942.....	47,650	Dec. 31, 1949.....	65,650
1934.....	56,295	1943.....	76,800	June 30, 1950.....	61,550
1935.....	56,575	1944.....	125,755	Dec. 31, 1950.....	68,050
1936.....	53,025	1945.....	168,755	June 30, 1951.....	84,300
1937.....	57,170	1946.....	127,175	Dec. 31, 1951.....	97,630

¹ Includes masters of vessels; excludes personnel employed on vessels under bareboat charter, or vessels owned by Army or Navy.

Source: Department of Commerce, Maritime Administration; records.

No. 649.—WATER-BORNE IMPORTS AND EXPORTS—CARGO TONNAGE, BY FLAG OF CARRIER VESSEL, 1921 TO 1951, AND BY COASTAL DISTRICTS, 1945 TO 1951

[In cargo tons of 2,240 pounds. Excludes cargoes (small in aggregate) carried by ships of less than 100 tons gross capacity prior to 1946]

YEAR AND DISTRICT	IMPORTS BY FLAGS OF CARRIER VESSELS			EXPORTS BY FLAGS OF CARRIER VESSELS		
	Total	American	Foreign	Total	American	Foreign
Total:						
1921.....	33,184,790	23,454,831	9,729,959	48,640,044	18,557,464	30,082,580
1925.....	43,135,154	21,214,626	21,920,528	49,666,499	15,716,692	33,949,807
1930.....	47,562,416	24,822,560	22,739,856	49,730,870	14,913,598	34,817,272
1931.....	35,864,286	17,114,174	18,750,112	40,049,246	11,068,284	28,980,962
1932.....	28,710,280	13,324,302	15,385,978	31,844,566	8,147,086	23,697,480
1933.....	26,566,967	11,017,462	15,549,505	32,385,550	8,354,909	24,030,641
1934.....	29,813,903	12,767,083	17,046,820	37,821,061	9,435,147	28,385,914
1935.....	33,965,678	14,125,363	19,840,315	38,145,865	8,740,017	29,405,848
1936.....	38,395,748	13,196,753	25,198,995	39,714,046	8,615,976	31,098,070
1937.....	42,062,821	13,363,422	28,699,399	54,557,725	10,882,780	43,674,945
1938.....	32,818,162	12,077,522	20,740,640	55,612,107	10,358,773	45,253,334
1939.....	37,548,452	11,124,084	26,424,368	55,086,843	9,425,952	45,660,891
1940.....	39,881,161	15,465,891	24,415,270	54,401,306	11,553,124	42,848,182
1942 ¹	24,458,000	15,535,000	8,923,000	37,205,000	14,488,000	22,717,000
1943 ¹	27,668,000	22,089,000	5,579,000	42,047,000	22,591,000	20,056,000
1944 ¹	20,750,000	23,401,000	6,349,000	49,299,000	30,359,000	18,940,000
1945 ¹	35,202,000	28,049,000	7,153,000	55,003,000	33,687,000	21,316,000
1946 ²	43,014,094	28,874,571	15,039,523	77,716,542	44,403,070	33,313,472
1947 ²	52,860,000	33,645,000	19,215,000	110,997,000	54,520,000	56,477,000
1948 ²	60,192,997	36,185,690	24,007,407	73,849,620	30,804,647	48,044,973
1949 ²	69,081,139	36,932,206	32,148,933	64,164,776	23,335,624	40,829,152
1950 ²	86,342,305	37,739,650	48,602,655	55,969,164	18,195,757	37,773,407
1951 ²	89,769,101	38,224,894	51,544,207	103,253,075	(³)	(³)
Dry cargoes:						
1945.....	19,389,000	15,226,000	4,163,000	30,935,000	24,707,000	12,228,000
1946 ²	22,606,662	12,730,414	9,876,248	64,160,404	39,050,784	25,109,620
1947 ²	28,634,000	15,492,000	13,142,000	97,635,000	49,772,000	47,863,000
1948 ²	32,732,094	15,359,212	17,372,882	67,792,862	27,233,247	40,419,615
1949 ²	35,023,498	12,672,760	22,350,748	55,019,687	19,942,857	35,076,830
1950 ²	41,616,924	13,234,760	28,382,164	47,837,917	14,669,123	33,168,794
1951 ²	44,658,792	15,880,643	28,778,149	90,412,033	(³)	(³)
Tanker cargoes:						
1945.....	15,813,000	12,823,000	2,990,000	18,068,000	8,980,000	9,088,000
1946 ²	21,307,432	10,144,157	5,103,275	13,556,138	5,412,286	8,143,852
1947 ²	24,226,000	18,153,000	6,073,000	13,592,000	4,748,000	8,614,000
1948 ²	27,460,903	20,826,378	6,634,525	11,146,758	3,521,899	7,025,359
1949 ²	34,057,641	24,259,456	9,798,185	9,145,089	3,392,767	5,752,322
1950 ²	44,725,381	24,504,380	20,220,491	8,131,247	3,520,634	4,604,613
1951 ²	45,110,309	22,344,251	22,766,058	12,841,043	(³)	(³)
Atlantic ports:						
1945.....	27,454,000	21,887,000	5,567,000	35,365,000	20,661,000	14,704,000
1946 ²	34,353,241	23,792,915	10,560,326	33,574,089	22,412,865	11,161,224
1947 ²	40,704,000	(³)	(³)	57,031,000	(³)	(³)
1948 ²	46,743,960	(³)	(³)	32,225,600	(³)	(³)
1949 ²	52,052,017	(³)	(³)	25,373,754	(³)	(³)
1950 ²	67,912,822	(³)	(³)	13,596,490	(³)	(³)
1951 ²	69,766,081	(³)	(³)	48,830,700	(³)	(³)
Gulf ports:						
1945.....	5,067,000	4,124,000	943,000	13,158,000	9,137,000	4,021,000
1946 ²	3,915,955	2,763,806	1,152,149	20,073,599	12,552,943	7,520,656
1947 ²	6,239,000	(³)	(³)	23,922,000	(³)	(³)
1948 ²	7,319,084	(³)	(³)	18,061,724	(³)	(³)
1949 ²	9,463,434	(³)	(³)	16,996,765	(³)	(³)
1950 ²	9,759,324	(³)	(³)	15,016,177	(³)	(³)
1951 ²	9,725,225	(³)	(³)	19,983,671	(³)	(³)
Pacific ports:						
1945.....	2,681,000	2,038,000	643,000	6,480,000	3,889,000	2,591,000
1946 ²	2,140,427	1,489,510	650,917	6,490,909	4,223,500	2,237,409
1947 ²	2,189,000	(³)	(³)	9,297,000	(³)	(³)
1948 ²	2,628,805	(³)	(³)	6,222,034	(³)	(³)
1949 ²	3,252,244	(³)	(³)	6,071,153	(³)	(³)
1950 ²	3,656,037	(³)	(³)	6,490,791	(³)	(³)
1951 ²	4,220,375	(³)	(³)	13,334,199	(³)	(³)
Great Lakes ports:						
1948 ²	3,500,547	(³)	(³)	22,340,262	(³)	(³)
1949 ²	4,313,444	(³)	(³)	15,723,104	(³)	(³)
1950 ²	5,014,122	(³)	(³)	20,855,706	(³)	(³)
1951 ²	6,057,419	(³)	(³)	21,104,506	(³)	(³)

¹ Excludes U. S. Army, Navy cargo, and Great Lakes.

² Excludes U. S. Army and Navy cargo. Includes Alaska, Hawaii, and Puerto Rico. Beginning July 1950, excludes commodities classified for security reasons as "special category." 1947-51 data subject to revision.

³ Not available.

Source: Prior to 1936, Department of Commerce, U. S. Shipping Board Bureau; 1936-40, U. S. Maritime Commission; 1940 figures published in Report No. 2610. 1942-45, War Shipping Administration. 1946-51, Department of Commerce, Bureau of the Census; annual report, *Foreign Commerce and Navigation of the United States*, and records.

NO. 650.—WATER-BORNE IMPORTS—SHIPPING WEIGHT ON DRY CARGO AND TANKER VESSELS, BY TRADE AREA: 1948, 1949, AND 1950

[In millions of pounds. Represents general imports. Totals represent sums of unrounded figures; may vary from sums of rounded amounts. See 1951 Abstract, table 641, for latest data available by countries]

TRADE AREA	1948 ¹			1949 ¹			1950 ¹		
	Total	On American vessels	Percent American	Total	On American vessels	Percent American	Total	On American vessels	Percent American
DRY CARGO									
Trade area, total.....	73,319.6	34,404.6	46.9	78,452.6	28,387.7	36.2	93,221.9	29,645.9	31.8
Foreign except Canadian.....	56,081.5	30,852.3	55.0	58,947.0	24,471.7	41.5	68,842.5	26,403.7	38.3
Caribbean.....	15,659.4	7,827.9	50.0	15,271.9	3,990.5	26.1	15,578.7	3,583.5	23.0
East Coast South America.....	4,523.6	2,450.3	54.2	4,436.7	1,958.4	44.1	5,220.0	1,893.6	36.2
West Coast South America.....	9,603.6	8,150.8	84.9	9,550.4	7,537.0	78.9	9,259.4	7,844.9	84.7
West Coast Central America and Mexico.....	1,416.1	1,057.7	74.7	1,611.7	1,228.1	76.2	1,768.4	1,221.0	69.0
Gulf Coast Mexico.....	559.5	140.9	25.2	572.6	107.5	18.8	785.7	231.7	29.4
United Kingdom and Eire.....	1,035.2	369.6	35.7	875.2	296.6	33.9	1,700.6	627.0	36.8
Baltic, Scandinavia, Iceland and Greenland.....	5,325.1	1,486.0	27.9	6,174.8	1,498.0	24.3	7,138.1	1,505.4	21.0
Bayonne-Hamburg Range.....	1,920.6	771.3	40.2	3,016.0	624.6	20.7	6,389.9	1,684.6	26.3
Portugal and Spanish Atlantic.....	523.4	194.6	37.2	384.2	118.7	30.9	547.5	190.3	34.7
Azores, Mediterranean, and Black Sea.....	4,302.5	1,785.7	40.7	3,109.1	884.5	28.4	4,100.8	1,023.8	24.9
West Coast Africa.....	1,144.9	354.8	31.0	1,635.7	365.8	22.4	2,115.9	478.8	22.6
South and East Africa.....	1,719.9	1,551.6	90.2	2,000.0	1,376.1	68.8	2,820.2	1,854.9	65.8
Australasia.....	645.2	413.3	64.1	566.5	215.4	38.0	940.1	224.0	23.9
India, Persian Gulf, and Red Sea.....	2,279.6	1,195.3	52.4	2,863.6	1,004.4	35.1	3,302.4	991.4	30.0
Straits Settlements and Netherlands East Indies.....	2,021.8	1,373.5	67.9	2,475.7	1,350.3	54.5	2,436.1	1,306.7	53.6
South China, Formosa, and Philippines.....	2,866.4	1,455.9	50.8	3,672.3	1,676.1	45.6	3,800.4	1,633.5	42.9
North China including Shanghai and Japan.....	444.8	273.1	61.4	730.6	179.5	24.6	1,162.2	608.6	52.3
Canadian.....	17,238.0	3,552.3	20.6	19,505.6	3,915.2	20.1	24,379.4	3,242.1	13.2
Pacific Canada.....	2,492.6	1,142.0	45.8	2,948.6	1,128.5	38.3	4,733.2	1,279.3	27.0
Great Lakes Canada.....	6,817.1	1,120.8	16.4	8,925.3	2,091.3	23.4	9,884.1	1,436.0	14.5
Atlantic Canada and Newfoundland.....	7,928.4	1,289.6	16.3	7,631.8	695.4	9.1	9,762.2	526.8	5.3
TANKER CARGO									
Trade area, total.....	61,512.3	46,651.1	75.8	76,289.1	54,341.2	71.2	100,184.9	54,891.0	54.7
Foreign except Canadian.....	61,431.6	46,586.8	75.8	76,128.4	54,223.5	71.2	100,158.3	54,875.7	54.7
Caribbean.....	52,030.2	39,979.5	76.8	61,013.7	45,838.0	75.1	80,851.4	48,391.8	59.8
East Coast South America.....	8.8	-----	-----	-----	-----	-----	(²)	(²)	100.0
West Coast South America.....	25.0	-----	-----	296.0	241.6	81.6	4.1	-----	-----
West Coast Central America and Mexico.....	17.0	-----	-----	8.4	-----	-----	22.8	15.6	68.0
Gulf Coast Mexico.....	2,152.7	1,606.4	74.6	3,093.6	1,856.9	60.0	5,094.5	3,703.0	72.7
United Kingdom and Eire.....	307.4	79.5	25.8	203.2	62.4	30.7	276.2	67.4	24.3
Baltic, Scandinavia, Iceland, and Greenland.....	28.0	-----	-----	34.8	-----	-----	140.3	20.9	14.9
Bayonne-Hamburg Range.....	87.1	4.8	5.5	81.0	7.5	9.3	297.1	129.7	43.6
Portugal and Spanish Atlantic.....	-----	-----	-----	(²)	-----	-----	2.9	-----	-----
Azores, Mediterranean, and Black Sea.....	179.1	86.5	48.3	347.5	197.0	56.7	333.0	-----	-----
West Coast Africa.....	-----	-----	-----	1.6	(²)	2.7	-----	-----	-----
South and East Africa.....	-----	-----	-----	-----	-----	-----	-----	-----	-----
Australasia.....	4.0	4.0	100.0	(²)	-----	-----	-----	-----	-----
India, Persian Gulf, and Red Sea.....	6,600.2	4,826.2	73.1	11,048.5	6,020.0	54.5	12,232.6	2,534.6	20.7
Straits Settlements, Netherlands East Indies.....	-----	-----	-----	.1	.1	100.0	(²)	(²)	100.0
South China, Formosa, and Philippines.....	(²)	-----	-----	(²)	(²)	100.0	-----	-----	-----
North China including Shanghai and Japan.....	-----	-----	-----	(²)	-----	-----	3.5	3.5	99.0
Canadian.....	80.8	64.3	79.6	160.7	117.7	73.2	26.6	15.3	57.3
Pacific Canada.....	(²)	-----	-----	13.4	2.0	14.9	5.0	4.9	98.0
Great Lakes Canada.....	73.9	64.3	87.0	139.9	115.7	82.7	8.1	8.1	100.0
Atlantic Canada and Newfoundland.....	6.9	-----	-----	7.4	(²)	(²)	13.5	2.3	16.6

¹ Preliminary. ² Less than 50,000 pounds. ³ Less than 0.05 percent

Source: Department of Commerce, Bureau of the Census; current summary reports, FT 973, U. S. Water-Borne Trade by Trade Area.

No. 651.—WATER-BORNE EXPORTS—SHIPPING WEIGHT ON DRY CARGO AND TANKER VESSELS, BY TRADE AREA: 1948, 1949, AND 1950

[In millions of pounds. Covers domestic and foreign merchandise. Totals represent sums of unrounded figures may vary from sums of rounded amounts. See 1951 Abstract, table 641, for latest data available by countries]

TRADE AREA	1948 ¹			1949 ¹			1950 ¹		
	Total	On American vessels	Percent American	Total	On American vessels	Percent American	Total	On American vessels	Percent American
DRY CARGO									
Trade area, total.....	151,654.4	61,114.5	40.3	123,244.1	44,672.0	36.2	107,156.9	32,858.8	30.7
Foreign except Canadian.....	102,838.0	47,736.0	46.4	88,773.3	34,700.4	39.1	61,277.3	22,018.5	35.9
Caribbean.....	9,069.6	5,530.7	61.0	8,796.7	4,095.7	46.6	8,127.9	3,255.8	40.1
East Coast South America.....	8,316.5	2,549.0	30.6	3,997.5	1,104.5	27.6	4,971.7	1,101.1	22.1
West Coast South America.....	1,811.0	1,061.6	58.6	2,192.0	1,049.6	47.9	1,779.8	698.8	39.3
West Coast Central America and Mexico.....	276.0	157.4	57.0	235.8	131.0	55.6	246.6	129.2	52.4
Gulf Coast Mexico.....	620.2	197.4	31.8	539.9	187.7	34.8	929.2	282.4	30.4
United Kingdom and Eire.....	4,102.6	1,192.4	29.1	5,692.3	1,793.9	31.5	5,786.4	2,122.7	36.7
Baltic, Scandinavia, Iceland, and Greenland.....	3,658.7	747.9	20.4	4,430.4	1,189.2	26.8	2,675.8	696.1	26.0
Bayonne-Hamburg Range.....	35,370.4	17,548.6	49.6	23,880.8	7,952.0	33.3	14,132.6	5,319.5	37.6
Portugal and Spanish Atlantic.....	1,440.0	83.5	5.8	1,240.0	28.8	2.3	877.5	258.1	29.4
Azores, Mediterranean, and Black Sea.....	21,790.3	11,049.8	50.7	18,523.6	10,237.5	55.3	8,503.2	2,907.2	34.2
West Coast Africa.....	1,277.7	379.8	29.7	1,307.6	396.5	30.3	783.0	222.8	28.4
South and East Africa.....	2,732.4	1,578.1	57.8	2,307.1	907.0	39.3	1,207.4	496.2	41.1
Australasia.....	1,314.6	319.3	24.3	1,824.5	366.4	20.1	1,207.5	253.1	21.0
India, Persian Gulf, and Red Sea.....	4,475.5	1,861.4	41.6	4,143.5	1,389.4	33.5	3,059.6	752.5	24.6
Straits Settlements, and Netherlands East Indies.....	929.1	344.2	37.0	1,025.0	412.1	40.2	574.2	253.2	44.1
South China, Formosa, and Philippines.....	2,902.1	1,655.7	57.1	3,824.4	2,113.0	55.3	2,742.7	1,400.9	51.1
North China, incl. Shanghai and Japan.....	2,751.2	1,479.2	53.8	4,812.3	1,346.3	28.0	3,672.1	1,868.9	50.9
Canadian.....	48,816.5	13,378.5	27.4	34,470.8	9,971.6	28.9	45,879.7	10,840.4	23.6
Pacific Canada.....	363.2	137.2	37.8	482.2	187.5	38.9	533.4	195.8	36.7
Great Lakes Canada.....	45,245.2	13,109.0	29.0	31,865.5	9,772.1	30.7	42,429.1	10,643.3	25.1
Atlantic Canada and Newfoundland.....	3,208.1	132.2	4.1	2,123.1	12.0	.6	2,917.2	1.3	(²)
TANKER CARGO									
Trade area, total.....	24,968.8	7,887.9	31.6	20,485.0	7,599.8	37.1	18,214.0	7,899.7	43.4
Foreign except Canadian.....	14,848.7	3,710.6	25.0	12,226.8	4,245.5	34.7	9,682.3	4,022.4	41.5
Caribbean.....	2,619.6	1,154.2	44.1	2,560.4	1,320.8	51.6	2,320.2	1,533.2	66.1
East Coast South America.....	831.1	445.0	53.5	454.4	173.8	38.2	310.1	87.4	28.2
West Coast South America.....	118.0	58.5	49.6	438.9	68.4	15.6	757.3	246.4	32.5
West Coast Central America and Mexico.....	932.4	454.8	48.8	724.9	255.9	35.3	1,423.3	380.5	26.6
Gulf Coast Mexico.....	6.4	2.6	40.6	59.4	15.7	26.4	34.6	11.9	34.4
United Kingdom and Eire.....	4,567.5	570.6	12.5	3,650.6	1,125.6	30.8	2,088.7	438.6	20.8
Baltic, Scandinavia, Iceland, and Greenland.....	1,404.5	116.5	8.3	1,196.9	241.2	20.2	543.4	267.7	49.3
Bayonne-Hamburg Range.....	2,242.9	448.8	20.0	1,452.6	673.6	46.4	987.6	564.1	57.1
Portugal and Spanish Atlantic.....	156.8	26.2	16.7	122.1	-----	-----	46.4	-----	-----
Azores, Mediterranean, and Black Sea.....	483.8	157.3	32.5	561.4	214.7	38.2	739.3	361.1	48.8
West Coast Africa.....	213.5	67.8	31.8	196.7	20.1	10.2	92.0	71.7	78.0
South and East Africa.....	(²)	-----	-----	(²)	(²)	100.0	100.4	32.0	31.8
Australasia.....	486.1	67.8	13.9	371.8	135.3	36.4	28.5	2.5	10.6
India, Persian Gulf, and Red Sea.....	.7	(²)	(²)	30.2	.2	.7	.1	.1	75.2
Straits Settlements, Netherlands East Indies.....	-----	-----	-----	31.9	-----	-----	(²)	-----	-----
South China, Formosa, and Philippines.....	395.7	90.7	22.9	249.7	-----	-----	46.3	-----	-----
North China, incl. Shanghai and Japan.....	389.7	49.9	12.8	124.7	.2	.2	164.2	30.1	18.3
Canadian.....	10,120.1	4,177.4	41.3	8,258.2	3,354.3	40.6	8,531.7	3,877.3	45.4
Pacific Canada.....	3,879.8	1,700.6	43.8	3,635.5	1,690.9	46.5	4,221.7	2,111.8	50.0
Great Lakes Canada.....	5,223.7	1,842.0	35.3	3,733.5	933.8	25.0	3,845.6	1,382.3	35.9
Atlantic Canada and Newfoundland.....	1,016.6	634.8	62.4	889.3	729.6	82.0	464.3	383.2	82.5

¹ Preliminary. ² Less than 50,000 pounds. ³ Less than 0.05 percent.

Source: Department of Commerce, Bureau of the Census; current summary reports, FT 973, U. S. Water-Borne Trade by Trade Area.

No. 652.—COMMERCE OF PRINCIPAL UNITED STATES OCEAN PORTS: 1950

[In thousands of short tons of 2,000 pounds. In addition to commerce here shown, many ports have (1) commerce with ports on internal rivers and canals; (2) purely local port traffic, including, for New York and San Francisco, what is called intraport traffic between parts of a harbor for which separate statistics are maintained. These forms of traffic, although aggregate tonnage is large, are of much less economic importance than foreign and coastwise traffic.]

PORT	Im-ports	Ex-ports	COASTWISE		PORT	Im-ports	Ex-ports	COASTWISE	
			Re-ceipts	Ship-ments				Re-ceipts	Ship-ments
Total	96,299	43,640	182,470	182,517	GULF PORTS—continued				
ATLANTIC PORTS					Terrebonne Bay, La.				1,578
Searsport Harbor, Maine.	159	225	300	2	Beaumont, Tex. (Neches River)	9	591	2,227	14,967
Portland Harbor, Maine.	4,610	100	2,598	471	Port Arthur, Tex.	58	1,056	2,598	12,479
Portsmouth Harbor, N. H.	121		657	1	Galveston, Tex.	308	4,132	63	1,432
Salem Harbor, Mass.			256		Texas City, Tex.	41	56	794	6,763
Lynn Harbor, Mass.	1		111	18	Houston, Tex.	2,105	4,078	1,691	10,904
Boston, Mass.	5,299	239	11,099	1,008	Freeport, Tex.	143	57		876
New Bedford and Fairhaven Harbor, Mass.	6	1	412	38	Port Aransas, Tex.		107		9,402
Fall River Harbor, Mass.	243		1,304	114	Corpus Christi, Tex.	239	268	23	7,619
Providence River and Harbor, R. I.	828		6,124	513	Brazos Island Harbor, Tex.	302	231	22	465
New London, Conn.	257		236	148	PACIFIC PORTS				
New Haven Harbor, Conn.	715		3,547	747	Los Angeles Harbor, Calif.	902	1,567	4,728	12,085
Bridgeport Harbor, Conn.	219		1,724	318	Long Beach Harbor, Calif.	396	1,403	935	2,270
Norwalk Harbor, Conn.			238		San Diego, Calif.	15	1	940	27
Stamford Harbor, Conn.			589	43	El Segundo, Calif.		75	187	2,500
New York Harbor, N. Y.	25,481	7,001	45,392	8,729	Santa Monica Bay, Calif.		54	13	1,094
Hempstead Harbor, N. Y.			917	2,449	Ventura Harbor, Calif.	1		33	393
Huntington Harbor, N. Y.			113	1,335	Ellwood, Calif.		113	146	3,351
Port Jefferson Harbor, N. Y.			274	247	San Luis Obispo Harbor, Calif.		796		3,165
Albany, N. Y.	222	388	2,092	14	Estero Bay, Calif.	1,041	1,742	11,739	9,576
Northport Bay and Harbor, N. Y.			13	2,285	San Francisco Bay, Calif.		5	177	41
Delaware River and tributaries.	23,587	1,564	21,109	7,184	Humboldt Harbor and Bay, Calif.			258	
Baltimore Harbor and Channels, Md.	12,144	2,915	7,478	1,765	Moss Landing Harbor, Calif.	3	200	21	177
Hampton Roads, Va.	1,837	2,637	4,481	11,137	Stockton, Calif.		157	125	645
Morehead City, N. C.	123		176		Coos Bay, Oreg.	78	722	6,078	521
Wilmington, N. C.	187	22	2,809	4	Portland, Oreg.	14	135	135	7
Charleston Harbor, S. C.	885	139	1,788	168	Astoria, Oreg.		190	35	110
Savannah Harbor, Ga.	1,410	248	1,578	53	Vancouver, Wash.	15	260	147	209
Jacksonville, Fla.	677	128	2,337	153	Longview, Wash.		37	228	210
Palm Beach Harbor, Fla.	153	261	80		Grays Harbor and Chehalis River, Wash.	490	309	822	325
Port Everglades, Fla.	311	127	1,117	66	Tacoma Harbor, Wash.	352	488	5,295	733
Miami Harbor, Fla.	348	39	431	3	Seattle Harbor, Wash.	274	16	31	25
San Juan Harbor, P. R.	457	148	1,230	536	Bellingham Bay and Harbor, Wash.	97	14	124	105
Mayaguez Harbor, P. R.	50	43	151	188	Port Angeles, Wash.	215	2	32	17
Ponce Harbor, P. R.	116	233	179	142	Port Townsend Harbor, Wash.	110	14	173	33
GULF PORTS					Everett Harbor, Wash.			292	3
Charlotte Harbor, Fla.		136		788	Whittier, Alaska			215	96
Tampa Harbor, Fla.	293	1,665	3,034	1,512	Ketchikan Harbor, Alaska			389	40
Port St. Joe Harbor, Fla.	14	3	1,787		Seward Harbor, Alaska	78	10	1,739	984
Panama City Harbor, Fla.	57	43	334	92	Honolulu Harbor, T. H.	14	2	290	462
Mobile, Ala.	2,189	406	454	859	Hilo Harbor, T. H.	9		170	451
Gulfport Harbor, Miss.	821	18	20	3	Kahului Harbor, Maui, T. H.	8		69	175
New Orleans, La.	3,619	4,620	1,440	8,109	Port Allen Harbor, T. H.				
Baton Rouge, La.	687	489	328	4,001	Pearl Harbor, Oahu, T. H.	17		372	10
Lake Charles, La. ²	23	532	11	6,477					

¹ Includes data for ports not shown separately.

² Including Calcasieu River and Pass.

Source: Department of the Army, Corps of Engineers; *Annual Report of Chief of Engineers*, Part II. Data are preliminary.

No. 653.—COMMERCE OF PRINCIPAL GREAT LAKES PORTS: 1947 TO 1950

[In thousands of short tons of 2,000 pounds. Foreign imports and exports, lakewise receipts and shipments, and coastwise receipts and shipments only are included]

PORT	RECEIPTS				SHIPMENTS			
	1947	1948	1949	1950	1947	1948	1949	1950
Total	167, 989	176, 741	150, 471	175, 637	187, 280	197, 767	163, 244	193, 511
Agate Bay (Two Harbors), Minn.....	212	217	177	216	18, 811	20, 787	16, 369	18, 948
Alabaster, Mich.....					423	539	535	638
Alpena Harbor, Mich.....	285	364	400	442	2, 064	2, 049	2, 082	2, 352
Ashland Harbor, Wis.....	830	840	515	685	5, 825	5, 871	4, 728	5, 422
Ashtabula, Ohio.....	10, 275	11, 622	8, 995	10, 447	4, 719	4, 897	2, 437	3, 302
Buffalo, N. Y.....	16, 760	16, 094	16, 122	16, 458	1, 661	1, 804	2, 229	2, 417
Buffington, Ind.....	825	993	1, 020	1, 019	99	108	91	121
Calcutt, Mich.....	136	132	89	150	12, 065	13, 099	11, 856	14, 018
Chicago, Ill. ¹	14, 613	14, 771	12, 570	15, 813	3, 430	3, 032	3, 427	4, 093
Cleveland, Ohio.....	16, 777	17, 062	15, 323	17, 375	2, 202	1, 611	698	382
Conneaut Harbor, Ohio.....	12, 311	12, 937	10, 870	9, 562	3, 221	3, 081	1, 909	2, 522
Detour, Mich.....	526	501	382	523	597			
Detroit, Mich.....	16, 907	18, 040	16, 067	21, 090	727	751	1, 314	1, 298
Drummond Island, Mich.....	(²)	7	8	8	(²)	972	1, 452	1, 615
Duluth-Superior, Minn. and Wis.....	10, 939	11, 319	6, 694	10, 117	53, 452	57, 866	49, 951	53, 009
Erie Harbor, Ohio.....	5, 563	4, 705	4, 393	4, 340	1, 673	2, 047	1, 718	2, 276
Escanaba Harbor, Mich.....	364	431	205	372	4, 591	5, 270	4, 233	5, 561
Fairport, Ohio.....	1, 265	1, 254	975	972	1, 290	1, 767	1, 082	1, 297
Frankfort Harbor, Mich.....	1, 228	1, 207	896	1, 071	623	668	587	832
Gary Harbor, Ind.....	8, 636	8, 297	8, 406	9, 182	143	160	97	171
Grand Haven Harbor and Grand River, Mich.....	128	125	156	135	771	911	921	798
Great Sodus Bay, N. Y.....					2, 022	2, 111	1, 383	2, 151
Green Bay, Wis.....	3, 218	3, 451	2, 517	3, 244	5	4	4	8
Holland, Mich.....	194	205	221	231				
Huron Harbor, Ohio.....	1, 226	1, 925	1, 042	1, 408	1, 303	1, 614	1, 106	1, 810
Indiana Harbor, Ind.....	9, 092	9, 483	8, 779	10, 355	3, 965	4, 299	5, 168	5, 182
Keweenaw Harbor, Wis.....	379	389	354	455	633	624	549	571
Lorain Harbor, Ohio.....	8, 003	9, 137	7, 086	8, 153	3, 037	3, 671	2, 518	3, 264
Ludington, Mich.....	1, 814	1, 862	1, 054	1, 081	1, 387	1, 561	1, 206	1, 726
Manistee Harbor, Mich.....	240	224	192	209	689	590	682	819
Manistique Harbor, Mich.....	95	110	72	136	274	277	184	233
Manitowoc Harbor, Wis.....	1, 132	1, 241	1, 063	1, 498	968	953	825	944
Marblehead, Ohio.....					1, 156	1, 107	1, 020	1, 091
Marquette Harbor, Mich.....	218	222	136	214	580	466	513	688
Marystown, Mich.....	722	793	758	919	18	9	27	16
Menominee Harbor and River, Mich. and Wis.....	784	848	491	881	192	88	76	82
Milwaukee Harbor, Wis.....	6, 690	7, 021	5, 538	7, 357	1, 803	1, 564	1, 522	1, 421
Muskegon Harbor, Mich.....	1, 446	1, 023	1, 727	2, 124	1, 046	1, 028	985	1, 220
Ogdensburg, N. Y.....	247	263	218	368	278	270	179	249
Oswego, N. Y.....	1, 075	1, 487	1, 370	1, 267	984	903	346	809
Port Huron, Mich.....	505	568	524	554		5	4	10
Port Inland Harbor, Mich.....	2	1		2	3, 863	3, 993	4, 135	4, 523
Port Washington Harbor, Wis.....	525	677	733	968				
Presque Isle Harbor, Mich.....			1		4, 681	4, 029	3, 818	3, 850
Racine Harbor, Wis.....	383	357	225	145			13	9
Rochester, N. Y.....	243	270	170	20	1, 615	1, 473	891	1, 218
Rockport, Mich.....	7	8			1, 197	1, 033		
Saginaw River, Mich., and ports.....	2, 903	3, 433	2, 993	4, 019	48	37	118	54
St. Joseph Harbor, Mich.....	327	348	337	314				
Sandusky Harbor, Ohio.....	7	2	2	1	11, 692	11, 820	6, 165	9, 822
Sault Ste. Marie, Mich.....	445	456	487	502		9	2	2
Sheboygan Harbor, Wis.....	526	658	432	641				
Toledo Harbor, Ohio.....	4, 497	4, 608	4, 203	4, 640	25, 001	25, 844	21, 115	29, 307
Tonawanda, N. Y.....	439	403	267	402		3	4	31
All other.....	2, 125	2, 880	2, 007	2, 883	546	1, 082	970	1, 279

¹ Includes Chicago Harbor and River, Calumet Harbor and River, Lake Calumet, Calumet-Sag Channel, and Chicago Sanitary and Ship Canal to Sag Junction.

² Drummond Island, Mich., included with Detour, Mich.

Source: Department of the Army, Corps of Engineers; *Annual Report of Chief of Engineers*, Part II, except for 1950 data which are preliminary.

NO. 654.—COMMERCE ON PRINCIPAL RIVERS, CANALS, AND CONNECTING CHANNELS OF THE UNITED STATES: 1945 TO 1950

[In thousands of short tons of 2,000 pounds. Excludes general ferry traffic, non-regulated car ferry traffic, and cargoes in transit]

WATERWAY	1945	1946	1947	1948	1949	1950
RIVERS						
Connecticut River below Hartford, Conn.	1,116	1,400	1,604	1,864	1,802	1,983
Hudson River, N. Y. (Mouth of Spuyten Duyvil Creek to Waterford, N. Y.)	5,747	9,181	10,849	12,716	13,593	14,574
Delaware River, Philadelphia, Pa., to Trenton, N. J.	4,261	5,093	5,332	7,218	5,901	7,086
Delaware River, Philadelphia, Pa., to the sea	29,558	37,151	41,927	42,375	39,638	69,283
Potomac River below Washington, D. C.	1,936	1,971	2,041	2,450	2,290	2,402
James River, Va.	1,469	2,214	2,506	3,101	3,255	3,610
Wilmington Harbor, N. C. ¹	1,160	2,103	2,345	2,951	3,107	4,022
Mobile River, Ala., tributaries	2,382	2,576	3,274	3,179		
Black Warrior, Warrior, and Tombigbee Rivers, Ala.	1,492	1,872	1,848	2,059	2,190	2,603
Bayou Teche, La.	532	610	614	799	906	1,241
Lake Pontchartrain, La.	390	508	447	597	616	1,390
Mormontau River, Bayou Nezpique, and Bayou Des Canes, La.	596	813	1,189	1,505	1,549	1,763
Bayou Lafourche, La.	685	849	879	1,381	1,831	2,182
Bayou Terrebonne, La.	632	486	750	1,046	1,221	1,507
Petit Anse, Tigre, and Carlin Bayous, La.	1,019	1,104	1,382	1,518	1,784	1,916
San Joaquin River, Calif.	1,220	1,024	730	1,003	1,227	1,495
Sacramento River, Calif.	956	1,078	1,380	1,542	1,610	1,501
Columbia and Lower Willamette Rivers below Vancouver, Wash., and Portland, Oreg.	16,635	14,232	15,938	15,692	18,369	18,578
Columbia River from Vancouver, Wash., to The Dalles, Oreg.	1,417	1,826	2,005	2,684	3,034	2,845
Willamette River above Portland and Yamhill River, Oreg.	2,877	3,979	4,942	4,170	4,149	3,948
Snohomish River, Wash.	1,778	1,783	1,882	1,637	1,699	1,657
Illinois Waterway, Ill.	6,591	6,914	10,165	12,273	12,895	16,421
Mississippi River, Minneapolis, Minn., to the Passes.	43,969	41,308	51,427	57,148	59,323	66,923
Missouri River		751	621	797	917	763
Kansas City to the mouth	478					
Kansas City to Sioux City	386	276	377	811	800	869
Sioux City to Fort Benton	7	26	14	15	4	235
Allegheny River, Pa.	2,416	2,565	2,734	3,270	3,013	3,594
Monongahela River, Pa. and W. Va.	26,556	25,429	31,742	30,015	25,246	28,510
Kanawha River, W. Va.	4,499	4,524	5,367	5,911	4,956	6,388
Ohio River, Pittsburgh to mouth ²	33,868	35,851	41,397	42,792	41,300	48,698
Cumberland River, Tenn., and Ky.	814	1,027	1,206	1,352	1,479	1,647
Tennessee River, Tenn., Ala., and Ky.	2,163	2,399	2,792	2,963	2,767	3,051
FEDERAL CANALS AND CONNECTING CHANNELS						
Cape Cod Canal, Mass.	14,684	10,656	11,925	13,113	11,619	13,025
Inland Waterway from Delaware River to Chesapeake Bay, Del. and Md.	3,690	3,698	5,385	5,597	6,362	7,298
Lake Charles Deep Water Channel, La.	10,288	6,854	8,494	10,840	11,382	12,164
Gulf Intracoastal Waterway, Plaquemine to Morgan City, alternate route	1,693	1,533	1,878	2,158	2,191	1,819
Gulf Intracoastal Waterway, Apalachee Bay, Fla., to the Mexican border	23,045	20,457	22,801	27,866	28,291	31,520
Sabine-Neches Waterway, Tex.	20,318	43,595	47,644	55,595	51,063	48,385
Port Aransas (Aransas Pass) Corpus Christi Waterway, Tex.	13,074	19,885	22,242	22,862	19,290	21,132
Detroit River, Mich.	127,045	110,804	127,440	133,794	108,464	127,292
St. Marys Falls Canal, Mich. ³	112,983	91,587	110,732	115,414	95,832	106,140
Grays Reef Passage, Mich.	4,905	5,217	6,885	6,353	5,370	6,045
Multnomah Channel, Oreg.	2,303	1,406	1,589	1,639	1,536	997
Canals and locks at Willamette Falls, Oreg.	1,619	2,078	1,996	1,977	1,806	1,684
Lake Washington Ship Canal, Wash.	2,183	2,167	2,015	2,115	2,012	2,056
STATE AND PRIVATE CANALS						
New York State Barge Canal ⁴	2,969	2,821	3,790	4,514	3,950	4,616
Innerharbor Navigation Canal, La.	1,430	1,276	2,044	2,123	2,322	2,338

¹ Reported as "Cape Fear River at and below Wilmington, N. C." prior to 1949.

² See also table 659.

³ See also table 658.

⁴ See also table 660.

Source: Department of the Army, Corps of Engineers; *Annual Report of Chief of Engineers*, Part II, except for 1950 data which are preliminary.

No. 655.—COMMERCIAL TRAFFIC THROUGH THE PANAMA CANAL, TOTAL, 1915 TO 1950, AND BY NATIONALITY OF VESSEL, 1950

[See general note, p. 533. Figures cover ocean-going commercial traffic which includes only tolls-paying vessels of 300 net tons and over, Panama Canal measurement, and vessels paying tolls on displacement tons of 500 displacement tons and over. Foreign naval vessels such as colliers, transports, supply ships, etc., with a measurement of 300 net tons or more and foreign naval vessels such as battleships, cruisers, destroyers, submarines, etc., with a displacement of 500 tons or more, classified as ocean-going commercial vessels]

YEAR ENDING JUNE 30	Number of transits	Net ton- nage (thou- sands) ¹	Tolls (thou- sands of dol- lars)	Tons of cargo (thou- sands of long tons)	NATIONALITY OF VESSELS (year ending June 30, 1950)	Number of transits	Net ton- nage (thou- sands)	Tolls (thou- sands of dol- lars)	Tons of cargo (thou- sands of long tons)
Total	145, 451	659, 865	619, 456	705, 799	British	876	5, 154	4, 593	5, 556
1915 ²	1, 058	3, 507	4, 367	4, 888	Chilean	54	287	287	247
1916 ³	724	2, 212	2, 403	3, 093	Chinese	1	5	5	9
1917	1, 738	5, 357	5, 621	7, 055	Colombian	104	172	154	109
1918	1, 939	6, 072	6, 429	7, 526	Danish	157	718	642	572
1919	1, 948	5, 658	6, 164	6, 910	Ecuadorian	81	142	126	56
1920	2, 393	7, 898	8, 508	9, 372	Egyptian	3	15	13	5
1921	2, 791	10, 550	11, 269	11, 596	French	101	546	485	532
1922	2, 665	10, 556	11, 102	10, 883	Greek	104	516	457	795
1923	3, 908	17, 206	17, 504	19, 566	Guatemalan	2	4	4	1
1924	5, 158	24, 181	24, 285	26, 993	Honduran	372	882	740	588
1925	4, 592	21, 134	21, 394	23, 957	Irish	1	5	4	—
1926	5, 087	22, 906	22, 920	26, 030	Italian	68	389	349	331
1927	5, 293	24, 245	24, 212	27, 734	Mexican	13	64	54	75
1928	6, 253	27, 229	26, 922	28, 616	Netherlands	119	508	450	386
1929	6, 289	27, 585	27, 111	30, 648	Nicaraguan	3	5	4	2
1930	6, 027	27, 716	27, 060	30, 018	Norwegian	452	2, 085	1, 800	1, 582
1931	5, 370	25, 690	24, 625	25, 065	Panamanian	194	902	769	1, 085
1932	4, 362	21, 842	20, 695	19, 790	Peruvian	29	72	66	99
1933	4, 162	21, 094	19, 601	18, 161	Philippine	21	100	89	76
1934	5, 234	26, 410	24, 047	24, 704	Portuguese	2	10	9	16
1935	5, 180	25, 720	23, 307	25, 310	Soviet	1	5	4	6
1936	5, 382	25, 923	23, 479	26, 506	Spanish	48	179	148	192
1937	5, 387	25, 430	23, 102	28, 108	Swedish	153	704	625	570
1938	5, 524	25, 950	23, 170	27, 386	Turkish	3	17	14	13
1939	5, 903	27, 170	23, 661	27, 867	United States	2, 452	14, 422	12, 465	15, 906
1940	5, 370	24, 144	21, 145	27, 299	Uruguayan	4	18	16	27
1941	4, 727	20, 643	18, 158	24, 951	Venezuelan	30	76	68	35
1942	2, 688	11, 010	9, 752	13, 607					
1943	1, 822	8, 234	7, 357	10, 600					
1944	1, 562	6, 073	5, 456	7, 003					
1945	1, 939	8, 381	7, 244	8, 604					
1946	3, 747	17, 517	14, 774	14, 978					
1947	4, 260	20, 233	17, 597	21, 671					
1948	4, 678	22, 902	19, 957	24, 118					
1949	4, 793	23, 473	20, 541	25, 305					
1950	5, 448	28, 013	24, 430	28, 872					

¹ Panama Canal net tonnages prior to 1939 are estimates, based on revised measurement rules, effective Mar. 1, 1938. ² Canal opened to traffic Aug. 15, 1914.

³ Canal closed to traffic approximately 7 months of fiscal year due to slides.

**No. 656.—COMMERCIAL TRAFFIC THROUGH THE PANAMA CANAL—SUMMARY,
YEARS ENDING JUNE 30: 1942 TO 1950**

[See general note, p. 533]

ITEM	1942	1943	1944	1945	1946	1947	1948	1949	1950
Number of transits	2, 688	1, 822	1, 562	1, 939	3, 747	4, 260	4, 678	4, 793	5, 448
Measurement tonnage registered:									
Gross (thousands)	14, 759	10, 874	8, 048	11, 427	23, 926	27, 539	31, 035	31, 726	37, 291
Net (thousands)	8, 742	6, 578	4, 862	6, 923	14, 338	16, 456	18, 563	18, 844	22, 267
Panama Canal, net (thou- sands)	11, 010	8, 234	6, 073	8, 381	17, 517	20, 233	22, 902	23, 473	28, 013
Tons of cargo, total (thousands of long tons)	13, 607	10, 600	7, 003	8, 604	14, 978	21, 671	24, 118	25, 305	28, 872
Atlantic to Pacific	4, 685	4, 945	3, 354	4, 235	6, 118	8, 295	8, 679	9, 899	9, 484
Pacific to Atlantic	8, 923	5, 655	3, 649	4, 369	8, 860	13, 376	15, 439	15, 406	19, 388

Source of tables 655 and 656: The Panama Canal, *Annual Report of the Governor*.

No. 657.—PANAMA CANAL—REVENUES, EXPENSES, AND COMPUTED SURPLUS:
1914 TO 1950

[In thousands of dollars]

YEAR ENDING JUNE 30	Tolls ¹	Civil revenues	Business profits	Total revenues	Net appropriation expenses ²	Net revenues ³	Capital interest, 3 per cent ⁴	Computed surplus ⁵
Total	619,932	7,659	28,493	656,084	379,258	276,827	456,739	179,912
1914 to 1931, total.....	271,864	4,178	8,748	284,790	138,903	145,886	165,558	19,672
1932.....	20,707	327	557	21,591	10,239	11,352	14,944	3,592
1933.....	19,621	310	1,136	21,067	9,556	11,511	14,908	3,397
1934.....	24,065	97	1,367	25,528	7,931	17,597	15,039	2,558
1935.....	23,339	82	1,021	24,442	9,481	14,961	15,124	163
1936.....	23,507	120	920	24,547	9,675	14,872	15,160	288
1937.....	23,147	99	917	24,164	10,290	13,874	15,205	1,331
1938.....	23,215	90	825	24,130	9,576	14,555	15,230	675
1939.....	23,699	107	681	24,488	10,145	14,342	15,250	908
1940.....	21,177	118	1,034	22,330	10,042	12,288	15,243	2,956
1941.....	18,190	276	1,009	19,475	9,614	9,861	15,275	5,414
1942.....	9,772	⁶ 219	734	10,726	9,407	1,319	15,302	13,983
1943.....	7,369	⁶ 55	1,493	8,916	11,269	⁷ 2,352	15,432	17,785
1944.....	5,474	239	1,553	7,267	12,634	⁸ 5,368	15,484	20,851
1945.....	7,223	239	1,469	8,931	13,905	⁹ 4,975	15,476	20,450
1946.....	14,792	268	⁷ 208	⁷ 15,267	15,214	⁷ 53	15,427	⁷ 15,374
1947.....	17,642	110	1,726	19,478	18,074	1,404	15,478	14,073
1948.....	20,004	294	⁸ 1,582	21,881	⁹ 19,527	2,354	15,490	13,136
1949.....	20,612	133	¹⁰ 845	21,590	21,217	373	15,089	15,316
1950.....	24,512	299	667	25,478	22,558	2,920	16,024	13,105

¹ Adjusted for overcharges and undercollections.² After deduction of canal earnings repaid to appropriations.³ Italics denote deficit.⁴ No interest charge against the Canal is actually made by the Treasury. In order to present the net results of operation of the Canal, interest on capital invested is computed at a rate considered reasonable for Government borrowings over an indefinite period. Computed interest prior to July 12, 1920, is included in capital investment account.⁵ Includes adjustment of \$15,000 in postal surplus.⁶ Includes adjustment of \$44,000 in postal surplus.⁷ Actual business profits of \$877,000 adjusted by \$669,000 for write-off of reimbursable capital expenditures, public works, Republic of Panama.⁸ Includes \$23,000 for prior fiscal years.⁹ Includes \$292,000 for judgments rendered by Court of Claims for overtime compensation in prior years.¹⁰ Adjusted by a net reduction of \$162,000 for prior fiscal years.Source: The Panama Canal, *Annual Report of the Governor*.

No. 658.—FREIGHT AND PASSENGER TRAFFIC ON ST. MARYS FALLS CANAL (SAULT STE. MARIE): 1890 TO 1950

[Includes both American and Canadian canals and traffic to and from Canadian as well as American ports. Average distances, ton-miles, freight charges, etc., based on total haul from port of origin to port of destination in process of performance by vessels passing through canals]

SEASON	FREIGHT CARRIED (1,000 SHORT TONS OF 2,000 POUNDS)					Total ton- miles (mil- lions)	FREIGHT CHARGES	
	Total	East- bound	West- bound	By Ameri- can vessels	By Canadi- an and other foreign vessels		Amount (1,000 dollars)	Average per ton per mile (mills)
1890	9,041	6,429	2,612	8,679	362	7,207	9,472	1.30
1895	15,063	12,030	3,033	14,497	566	12,503	14,239	1.14
1900	25,643	20,632	5,111	24,896	747	21,179	24,953	1.18
1905	44,271	36,779	7,492	42,061	2,210	36,893	31,421	.85
1910	62,363	47,134	15,229	58,569	3,794	52,406	38,711	.74
1915	71,290	56,360	14,921	66,877	4,413	59,317	41,984	.71
1920	79,282	63,464	15,818	74,866	4,416	64,702	35,742	1.33
1925	81,875	67,305	14,570	75,764	6,111	65,577	71,093	1.08
1930	72,898	57,067	15,831	67,560	5,338	59,058	61,159	1.04
1935	48,293	37,192	11,101	41,532	6,761	39,141	41,783	1.07
1938	40,043	29,053	10,990	37,775	2,268	32,922	36,314	1.10
1939	69,850	58,483	11,367	60,045	9,805	56,539	66,054	1.17
1940	89,360	76,635	12,725	79,116	10,244	71,807	74,118	1.03
1941	110,708	95,774	14,994	97,387	13,381	88,946	102,792	1.15
1942	120,119	104,139	15,980	105,255	14,864	95,903	111,470	1.16
1943	115,578	97,380	18,198	102,404	13,174	92,069	110,377	1.20
1944	116,985	98,480	18,505	103,579	13,406	93,424	122,786	1.31
1945	112,983	96,729	16,254	98,858	14,125	90,390	(¹)	(¹)
1946	91,587	72,614	18,973	89,648	1,939	(¹)	(¹)	(¹)
1947	110,732	91,784	18,948	96,971	13,761	(¹)	(¹)	(¹)
1948	115,414	95,346	20,068	100,536	14,878	(¹)	(¹)	(¹)
1949	95,832	83,670	12,162	82,020	13,812	(¹)	(¹)	(¹)
1950	106,140	89,191	16,949	91,038	15,102	(¹)	(¹)	(¹)

COMMODITY	1920	1925	1930	1935	1940	1945	1949	1950
Passengers carried.....number.....	68,451	56,956	45,303	32,937	53,129	46,044	113,009	63,366
Freight, east-bound.....1,000 tons ²	63,464	67,305	57,067	37,192	76,635	96,729	83,670	89,191
Flour.....do.....	748	929	853	684	480	108	73	63
Wheat.....do.....	4,304	3,785	7,318	5,383	6,660	14,436	7,971	5,714
Other grain.....do.....	1,236	3,103	1,204	876	1,087	3,031	3,022	2,462
Lumber.....do.....	358	367	303	72	47	2		
Pulpwood.....do.....				239	692	619	492	444
Iron ore.....do.....	56,643	53,821	40,990	29,277	65,842	77,710	71,527	79,962
All other.....do.....	175	240	399	656	1,827	814	585	546
Freight, west-bound.....1,000 tons ²	15,818	14,570	15,831	11,101	12,725	16,254	12,162	16,949
Coal.....do.....	14,156	12,874	14,059	9,162	10,174	13,837	8,906	13,464
All other.....do.....	1,662	1,696	1,772	1,939	2,551	2,417	3,256	3,485

¹ Not available.

² Short tons of 2,000 pounds.

No. 659.—FREIGHT AND PASSENGER TRAFFIC ON OHIO RIVER: 1940 TO 1950

YEAR	Short tons	Ton-miles	Passengers carried ¹	YEAR	Short tons
	Thousands	Thousands	Number		Thousands
1940	29,549	3,852,508	1,957,308	1949—Total	41,300
1941	36,557	5,197,440	1,554,319	Up ²	9,150
1942	38,281	5,299,847	1,034,190	Down ²	9,887
1943	36,610	5,996,347	1,191,350	Inbound	17,091
1944	37,801	7,004,056	1,148,294	Outbound	5,172
1945	33,868	6,064,699	1,145,626		
1946	35,851	4,999,560	1,053,511	1950—Total ³	48,598
1947	41,397	5,740,076	1,534,856	Up ²	11,279
1948	42,792	6,585,854	2,611,130	Down ²	11,154
1949	41,300	6,904,147	78,267	Inbound	19,046
1950 ³	48,598	8,800,451	95,631	Outbound	6,219

¹ No data included for ferry traffic.

² Largest excursion boat destroyed by fire in September 1947.

³ Preliminary.

⁴ Includes through traffic.

Source of tables 658 and 659: Department of the Army, Corps of Engineers; *Annual Report of Chief of Engineers*, Part II, and records.

No. 660.—FREIGHT TRAFFIC ON NEW YORK STATE CANALS—TONNAGE MOVED: 1837 TO 1951

[In short tons of 2,000 pounds. Excludes tonnage handled over State terminals but not moved through any portion of canal channel. East-bound tonnage is that moving toward Albany; west-bound is that moving away from Albany. See also *Historical Statistics*, series K 170]

YEARLY AVERAGE	TONS	YEARLY AVERAGE	TONS	YEARLY AVERAGE OR YEAR	TONS
1837-1840.....	1,339, 016	1886-1890.....	5,281, 441	1936-1940.....	4,838, 271
1841-1845.....	1,613, 317	1891-1895.....	4,112, 061	1941-1945.....	3,266, 368
1846-1850.....	2,781, 410	1896-1900.....	3,544, 951	1946-1950.....	3,937, 952
1851-1855.....	3,976, 501	1901-1905.....	3,335, 210	1945.....	2,968, 682
1856-1860.....	3,911, 407	1906-1910.....	3,238, 129	1946.....	2,820, 541
1861-1865.....	5,049, 341	1911-1915.....	2,448, 837	1947.....	3,790, 050
1866-1870.....	5,987, 724	1916-1920.....	1,348, 365	1948.....	4,513, 817
1871-1875.....	5,974, 097	1921-1925.....	1,005, 291	1949.....	3,949, 739
1876-1880.....	5,219, 888	1926-1930.....	2,904, 575	1950.....	4,615, 613
1881-1885.....	5,210, 389	1931-1935.....	4,014, 269	1951.....	5,211, 472

COMMODITY	1935	1940	1945	1949	1950	1951
Freight, east-bound, tons.....	1,488,315	1,924,834	1,812,554	1,138,047	709,951	1,159,842
Petroleum and its products.....	33,170	313,654	764,717	210,036	179,491	158,914
Grain.....	614,855	656,472	604,105	644,983	228,051	683,376
Pulpwood.....	8,450	33,450	104,705	12,180	79,520	118,953
Other.....	831,840	921,258	339,027	270,848	222,889	198,599
Freight, west-bound, tons.....	3,000,857	2,843,326	1,156,128	2,811,692	3,905,662	4,051,630
Petroleum and its products.....	1,772,627	1,788,346	818,945	2,487,136	3,472,462	3,778,596
Other.....	1,228,230	1,054,980	337,183	324,556	433,200	273,034

Source: State of New York, Department of Public Works; annual statements on canal tonnages.

No. 661.—VESSELS ENTERED AND CLEARED IN FOREIGN TRADE—NET REGISTERED TONNAGE: 1840 TO 1951

[In thousands of net tons. Excludes domestic trade. For definition of net registered tonnage and vessel entrances and clearances, see general note, p. 533. Figures cover years ending June 30 to and including 1918, calendar years thereafter. Seaports include all ports except northern border ports; see table 602. See also *Historical Statistics*, series K 146-157]

YEARLY AVERAGE OR YEAR	ENTERED		CLEARED		YEARLY AVERAGE OR YEAR	ENTERED		CLEARED	
	Sea- ports	Other ports	Sea- ports	Other ports		Sea- ports	Other ports	Sea- ports	Other ports
1840 ¹	1,788	501	1,861	492	1931-1935.....	54,928	10,462	55,214	10,351
1850.....	3,169	1,179	3,167	1,194	1936-1940.....	55,521	11,595	56,967	11,575
1860.....	5,000	3,275	5,257	3,533	1941-1945.....	52,620	15,374	56,304	15,489
1870.....	6,270	2,886	6,362	2,807	1946-1950.....	75,094	12,369	74,889	12,301
1871-1875.....	8,462	2,997	8,514	2,994	1940.....	45,393	13,151	48,096	13,176
1876-1880.....	12,134	2,792	12,197	2,807	1941.....	42,616	16,445	46,142	16,454
1881-1885.....	13,604	2,931	13,781	2,917	1942.....	28,258	15,684	31,976	15,730
1886-1890.....	13,479	2,602	13,655	2,593	1943.....	44,739	16,345	50,232	16,484
1891-1895.....	16,801	2,816	16,965	2,876	1944.....	60,305	15,555	71,717	15,668
1896-1900.....	20,951	3,989	21,077	4,007	1945.....	81,182	12,839	81,452	13,197
1901-1905.....	24,551	5,939	24,633	5,918	1946.....	69,520	10,738	66,376	10,849
1906-1910.....	29,651	8,072	29,156	8,036	1947 ²	80,889	12,907	84,508	12,652
1911-1915.....	36,085	11,879	35,954	12,061	1948 ²	76,910	14,023	75,714	13,735
1915-1920 ²	38,071	13,440	40,137	13,511	1949 ²	74,701	10,999	73,063	11,223
1921-1925.....	52,959	13,334	53,578	13,075	1950 ²	73,451	13,178	74,785	13,044
1926-1930.....	63,768	15,293	64,441	15,319	1951 ²	93,674	14,412	(³)	(⁴)

¹ Year ending Sept. 30.

² Average for period July 1, 1915, to Dec. 31, 1920.

³ Preliminary data, subject to revision.

⁴ Data not available.

Source: Department of Commerce, Bureau of the Census; annual report, *Foreign Commerce and Navigation of the United States*, and records.

No. 662.—VESSELS ENTERED AND CLEARED IN FOREIGN TRADE—NET REGISTERED TONNAGE BY REGIONS, 1911 TO 1951, AND BY CUSTOMS DISTRICTS, 1948 TO 1951

[In thousands of net tons. See headnote, table 661]

CUSTOMS DISTRICT	1948 ¹		1949 ¹		1950 ¹		1951 ¹	
	Entered	Cleared	Entered	Cleared	Entered	Cleared	Entered	Cleared
Grand total	90,927	89,449	85,700	84,286	86,629	87,829	108,086	(?)
Seaports, total	76,910	75,714	74,701	73,063	73,451	74,785	93,674	(?)
North Atlantic coast, total	33,454	32,425	34,669	33,711	38,683	38,067	41,935	(?)
Maine, New Hampshire.....	1,786	1,647	1,851	1,518	2,195	1,987	3,124	(?)
Massachusetts.....	8,043	1,695	3,391	2,195	4,170	2,814	3,840	(?)
Rhode Island.....	389	458	301	420	307	425	343	(?)
Connecticut.....	147	213	153	374	405	408	434	(?)
New York.....	21,795	24,184	21,454	23,657	22,489	25,301	24,472	(?)
Philadelphia.....	6,296	4,320	7,519	5,547	9,117	7,132	9,722	(?)
South Atlantic coast, total	16,059	16,072	12,977	13,195	9,278	9,863	20,031	(?)
Maryland.....	6,147	5,197	5,879	4,738	4,667	4,188	6,877	(?)
Virginia.....	6,691	7,969	4,495	5,859	1,352	2,420	9,603	(?)
North Carolina.....	106	119	96	84	157	85	129	(?)
South Carolina.....	1,170	734	703	497	765	551	1,046	(?)
Georgia.....	755	544	567	516	610	728	687	(?)
Puerto Rico.....	717	1,104	894	1,120	1,367	1,490	1,244	(?)
Virgin Islands ²	473	397	343	381	360	401	354	(?)
Gulf coast, total	16,501	16,516	15,719	14,860	13,385	14,206	15,733	(?)
Florida.....	2,228	2,229	2,224	2,328	2,851	2,941	3,208	(?)
Mobile.....	2,611	1,505	2,243	1,019	2,049	924	1,949	(?)
New Orleans.....	5,367	5,926	4,709	5,560	4,486	5,411	4,938	(?)
Sabine.....	1,505	1,736	1,890	1,301	770	962	951	(?)
Galveston.....	4,793	5,115	4,653	4,652	3,229	3,968	4,686	(?)
Mexican border, Laredo	388	312	343	340	368	420	430	(?)
Pacific coast, total	10,493	10,380	10,993	10,957	11,737	12,229	15,545	(?)
Washington.....	2,678	2,348	2,739	2,453	194	103	3,275	(?)
Oregon.....	935	785	1,490	1,237	3,993	3,820	1,904	(?)
San Francisco.....	2,487	2,905	1,021	2,814	2,242	3,205	3,627	(?)
Los Angeles.....	3,122	2,876	3,360	3,101	1,153	975	5,260	(?)
Alaska.....	375	332	343	400	3,064	2,966	304	(?)
Hawaii.....	817	989	928	915	315	348	911	(?)
San Diego.....	181	28	203	37	776	812	165	(?)
Northern border, total	14,023	13,735	10,999	11,223	13,178	13,044	14,412	(?)
St. Lawrence.....	150	33	80	48	159	60	156	(?)
Rochester.....	1,648	1,580	951	933	1,643	1,557	1,828	(?)
Buffalo.....	640	265	688	444	872	453	1,134	(?)
Ohio.....	5,849	7,620	4,367	6,005	2,052	1,108	5,487	(?)
Michigan.....	1,987	1,817	1,943	1,677	270	218	1,858	(?)
Chicago.....	313	954	507	827	1,853	1,569	524	(?)
Wisconsin.....	262	237	266	192	454	685	304	(?)
Duluth and Superior.....	3,178	1,211	2,197	1,097	5,875	7,494	3,119	(?)

YEARLY AVERAGE OR YEAR	ATLANTIC COAST		GULF COAST		PACIFIC COAST		Mexican border, total	NORTHERN BORDER	
	Total	With cargo	Total	With cargo	Total	With cargo		Total	With cargo
Entrances:									
1911-1915.....	24,293	20,708	6,635	3,377	5,055	3,649	52	11,879	4,564
1915-1920 ⁴	24,581	16,094	7,939	4,646	5,487	4,329	04	13,440	5,646
1921-1925.....	30,979	27,133	12,390	8,243	9,562	6,070	28	13,334	6,475
1926-1930.....	36,884	33,003	11,634	7,415	15,100	8,247	150	15,293	7,700
1931-1935.....	31,721	28,668	8,058	4,858	14,968	9,230	180	10,462	4,997
1936-1940.....	30,634	26,925	10,115	5,593	14,108	9,368	603	11,595	5,187
1941-1945.....	34,914	18,397	6,454	4,463	11,211	6,153	40	15,374	5,060
1946.....	44,046	25,362	14,684	5,494	10,536	5,317	254	10,738	2,325
1947 ¹	52,904	30,857	16,089	7,269	10,881	5,423	414	12,908	2,579
1948 ¹	49,513	36,198	16,501	8,273	10,493	6,227	388	14,023	2,900
1949 ¹	47,646	39,408	15,719	9,193	10,993	7,495	343	10,999	2,957
1950 ¹	47,961	18,797	13,885	3,937	11,737	3,785	368	13,178	3,021
1951 ¹	61,966	47,997	15,733	9,730	15,645	8,848	430	14,412	3,412
Clearances:									
1911-1915.....	23,608	21,765	7,193	6,414	5,104	4,643	50	12,061	8,567
1915-1920 ⁴	25,921	23,168	8,528	6,915	5,626	4,762	62	13,511	9,637
1921-1925.....	30,837	24,284	12,533	9,589	9,880	8,360	28	13,375	9,236
1926-1930.....	36,361	28,696	12,326	10,641	15,658	13,148	95	15,019	10,504
1931-1935.....	30,658	23,653	9,018	8,079	15,411	13,220	127	10,351	7,309
1936-1940.....	30,472	22,459	11,064	9,601	14,752	13,394	677	11,575	9,412
1941-1945.....	35,545	27,351	7,636	6,494	13,082	11,288	40	15,849	12,657
1946.....	41,282	27,048	15,080	13,066	9,779	7,629	233	10,849	9,548
1947 ¹	54,214	40,508	18,125	16,149	11,813	10,045	355	12,652	11,234
1948 ¹	48,497	32,595	16,516	14,169	10,380	9,169	312	13,735	12,339
1949 ¹	46,906	30,230	14,860	12,536	10,957	9,840	340	11,223	9,382
1950 ¹	47,930	10,488	14,206	4,702	12,229	6,259	420	13,044	11,540
1951 ¹	(?)	(?)	(?)	(?)	(?)	(?)	(?)	(?)	(?)

¹ Preliminary data, subject to revision. ² Data not available.

³ Reported as a foreign country prior to Jan. 1, 1935.

⁴ July 1, 1915, to Dec. 31, 1920.

Source: Department of Commerce, Bureau of the Census; annual report, *Foreign Commerce and Navigation of the United States*, and records.

No. 663.—VESSELS ENTERED IN FOREIGN TRADE—NET REGISTERED TONNAGE, BY CLASSES: 1881 TO 1951

[All figures except number of vessels and percentages in thousands of net tons. See headnote, table 661. Totals represent sums of unrounded figures; may vary from sum of rounded amounts. See also *Historical Statistics*, series K 146-151]

YEARLY AVERAGE OR YEAR	Number of vessels, all ports	ALL PORTS				SEAPORTS				
		Total	American vessels	Foreign vessels	Percent American	All vessels	Sailing vessels	Steam vessels	With cargo	In ballast
1881-1890.....	32,038	16,308	3,395	12,913	20.8	13,542	5,251	8,291	11,560	1,982
1891-1900.....	31,781	22,269	4,978	17,291	22.4	18,866	3,816	15,050	14,184	4,682
1901-1905.....	34,040	30,490	6,802	23,688	22.3	24,551	2,006	21,945	19,205	5,346
1906-1910.....	34,375	37,722	8,372	29,350	22.2	29,651	1,816	27,834	23,621	6,029
1911-1915.....	38,951	47,914	12,205	35,709	25.5	36,035	1,374	34,461	27,778	8,257
1915-1920 ¹	42,713	51,511	21,999	29,512	42.7	38,071	1,899	36,173	25,128	12,943
1921-1925.....	41,546	66,293	29,645	36,648	44.7	52,959	1,004	51,955	41,471	11,488
1926-1930.....	45,846	79,062	30,314	48,748	38.3	63,768	472	63,296	48,710	15,058
1931-1935.....	31,338	65,390	23,847	41,543	36.5	54,928	227	54,701	42,835	12,093
1936-1940.....	33,954	67,117	19,243	47,873	28.7	55,521	102	55,419	41,951	13,570
1941-1945.....	38,997	67,994	34,658	33,336	51.0	52,620	37	52,583	28,995	23,625
1946-1950 ²	48,813	87,462	46,205	41,257	52.8	75,094	(³)	(³)	50,288	24,806
1939.....	35,310	68,992	17,769	51,223	25.8	57,973	34	57,939	41,940	16,033
1940.....	33,636	58,544	19,220	39,324	32.8	45,393	60	45,333	34,008	11,385
1941.....	37,835	50,061	20,940	38,121	35.5	42,616	40	42,576	32,819	9,797
1942.....	31,358	43,942	13,611	30,331	31.0	28,257	32	28,225	18,077	10,181
1943.....	36,640	61,084	26,292	31,792	48.0	44,739	37	44,702	28,792	20,947
1944.....	40,834	81,860	48,071	33,789	58.7	66,305	30	66,275	32,207	34,068
1945.....	48,318	94,021	61,375	32,646	65.3	81,182	44	81,138	37,592	43,590
1946.....	48,082	80,258	53,045	27,213	66.1	69,520	24	69,496	36,348	33,172
1947 ²	50,449	93,796	53,627	40,170	57.2	80,889	12	80,877	43,872	37,016
1948 ²	50,238	90,927	47,726	43,199	52.5	76,910	(³)	(³)	51,044	25,866
1949 ²	48,368	85,700	41,251	44,451	48.1	74,701	(³)	(³)	56,403	18,299
1950 ²	46,926	86,629	35,376	51,251	40.8	73,451	(³)	(³)	63,771	9,679
1951 ²	48,466	108,086	44,571	63,515	41.2	93,674	(³)	(³)	66,868	26,806

YEARLY AVERAGE OR YEAR	SEAPORTS—continued				Percent American	NORTHERN BORDER PORTS			
	American vessels		Foreign vessels			Total	American vessels	Foreign vessels	With cargo
	Total	With cargo	Total	With cargo					
1881-1890.....	2,933	2,559	10,609	9,001	21.7	2,766	462	2,304	1,976
1891-1900.....	3,619	2,956	15,247	11,228	19.2	3,403	1,359	2,044	1,589
1901-1905.....	3,962	3,246	20,589	15,960	16.1	5,939	2,840	3,099	2,602
1906-1910.....	4,175	3,471	25,475	20,150	14.1	8,072	4,197	3,875	3,207
1911-1915.....	5,276	4,200	30,759	23,578	14.6	11,879	6,929	4,950	4,564
1915-1920 ¹	14,508	11,375	23,563	13,753	38.1	13,440	7,490	5,950	5,046
1921-1925.....	22,826	18,404	30,433	23,068	42.5	13,334	7,119	6,215	6,475
1926-1930.....	28,182	18,809	40,586	29,901	36.4	15,293	7,132	8,162	7,700
1931-1935.....	19,854	16,870	35,074	25,965	36.1	10,462	3,993	6,469	4,997
1936-1940.....	16,090	13,865	39,432	28,086	29.0	11,595	3,154	8,441	5,187
1941-1945.....	30,059	16,877	22,560	12,118	57.1	15,374	4,699	10,775	5,060
1946-1950 ²	42,188	26,318	32,926	23,970	56.2	12,369	4,037	8,332	2,750
1939.....	14,553	12,258	43,421	29,681	25.1	11,019	3,217	7,802	5,311
1940.....	15,740	13,965	29,652	20,043	34.7	13,151	3,480	9,671	4,953
1941.....	16,767	15,658	25,849	17,161	39.3	16,445	4,174	12,271	5,593
1942.....	10,326	8,004	17,931	10,073	36.5	15,084	3,285	12,400	5,105
1943.....	24,508	14,135	20,231	9,657	54.8	16,345	4,784	11,561	5,834
1944.....	42,196	20,509	24,109	11,788	63.6	15,555	5,875	9,680	5,049
1945.....	56,499	26,080	24,682	11,912	69.6	12,839	4,876	7,963	3,781
1946.....	49,143	23,437	20,378	12,911	70.7	10,738	3,902	6,835	2,324
1947 ²	49,044	26,029	31,844	17,843	60.6	12,908	4,582	8,326	2,579
1948 ²	43,270	28,107	33,640	22,937	56.3	14,023	4,457	9,568	2,900
1949 ²	37,626	27,479	37,076	28,924	50.4	10,999	3,625	7,375	2,857
1950 ²	31,757	26,536	41,693	37,235	43.2	13,178	3,619	9,558	3,021
1951 ²	40,482	28,005	53,192	38,863	43.2	14,412	4,089	10,323	3,412

¹ Average for period July 1, 1915, to Dec. 31, 1920.

² Preliminary data, subject to revision.

³ Not available.

Source: Department of Commerce, Bureau of the Census; annual report, *Foreign Commerce and Navigation of the United States*, and records.

No. 664.—VESSELS CLEARED IN FOREIGN TRADE—NET REGISTERED TONNAGE, BY CLASSES: 1881 TO 1950

[All figures except number of vessels and percentages in thousands of net tons. See headnote, table 661. Totals represent sums of unrounded figures; may vary from sum of rounded amounts. See also *Historical Statistics*, series K 152-157]

YEARLY AVERAGE OR YEAR	Num-ber of vessels, all ports	ALL PORTS				SEAPORTS				
		Total	Ameri-can vessels	For-eign vessels	Per-cent Ameri-can	All vessels	Sailing vessels	Steam vessels	With cargo	In ballast
1881-1890.....	32, 159	16, 473	3, 450	13, 023	20.9	13, 719	5, 363	8, 356	12, 795	924
1891-1900.....	31, 902	22, 463	5, 038	17, 425	22.4	19, 021	3, 818	15, 203	17, 514	1, 507
1901-1905.....	33, 863	30, 551	6, 812	23, 739	22.3	24, 633	2, 621	22, 012	22, 460	2, 173
1906-1910.....	33, 897	37, 192	8, 282	28, 910	22.3	29, 156	1, 850	27, 306	26, 768	2, 388
1911-1915.....	38, 790	48, 015	12, 512	35, 503	26.1	35, 954	1, 654	34, 301	32, 827	3, 128
1916-1920 ¹	42, 687	53, 647	23, 005	30, 643	42.9	40, 137	2, 087	38, 050	34, 851	5, 285
1921-1925.....	40, 120	66, 653	29, 554	37, 099	44.3	53, 578	984	52, 594	42, 233	11, 345
1926-1930.....	44, 082	79, 760	30, 709	49, 051	38.5	64, 441	467	63, 973	52, 581	11, 860
1931-1935.....	30, 520	65, 565	23, 616	41, 949	36.0	55, 214	221	54, 993	44, 990	10, 224
1936-1940.....	32, 706	68, 541	19, 448	49, 093	28.4	56, 967	102	56, 864	46, 126	10, 841
1941-1945.....	38, 195	71, 792	37, 283	34, 509	51.9	56, 304	41	56, 262	45, 147	17, 157
1946-1950 ²	45, 135	87, 190	44, 942	42, 244	51.5	74, 880	(³)	(³)	54, 584	20, 302
1939.....	34, 192	70, 306	18, 156	52, 150	25.8	59, 218	33	59, 185	48, 170	11, 048
1940.....	33, 417	62, 171	20, 248	41, 923	32.6	48, 996	52	48, 943	38, 154	10, 842
1941.....	38, 024	62, 596	21, 869	40, 726	34.9	46, 142	44	46, 098	32, 714	13, 428
1942.....	30, 506	47, 705	16, 354	31, 352	34.3	31, 975	32	31, 943	26, 464	5, 511
1943.....	35, 915	66, 716	33, 682	33, 034	50.5	50, 232	37	50, 195	42, 470	7, 762
1944.....	40, 321	87, 385	53, 050	34, 335	60.7	71, 717	52	71, 665	60, 095	11, 622
1945.....	46, 210	94, 559	61, 460	33, 099	65.0	81, 452	42	81, 410	63, 992	17, 461
1946.....	44, 464	77, 225	49, 124	28, 101	63.6	66, 376	33	66, 343	47, 828	18, 547
1947 ²	48, 374	97, 160	54, 088	43, 072	55.7	84, 508	14	84, 494	67, 483	17, 024
1948 ²	46, 067	80, 449	45, 775	43, 667	51.2	75, 714	(³)	(³)	56, 154	19, 552
1949 ²	43, 503	84, 286	39, 081	44, 604	47.1	73, 063	(³)	(³)	52, 759	20, 304
1950 ²	43, 268	87, 829	36, 043	51, 778	41.0	74, 785	(³)	(³)	48, 095	26, 084

YEARLY AVERAGE OR YEAR	SEAPORTS—continued					NORTHERN BORDER PORTS			
	American vessels		Foreign vessels		Per-cent American	Total	American vessels	Foreign vessels	With cargo
	Total	With cargo	Total	With cargo					
1881-1890.....	2, 978	2, 541	10, 741	10, 254	21. 7	2, 754	472	2, 282	1, 778
1891-1900.....	3, 644	2, 914	15, 377	14, 600	19. 2	3, 442	1, 394	2, 048	2, 129
1901-1905.....	4, 000	3, 284	20, 633	19, 176	16. 2	5, 918	2, 812	3, 106	3, 825
1906-1910.....	4, 084	3, 498	25, 072	23, 270	14. 0	8, 036	4, 198	3, 838	5, 673
1911-1915.....	5, 361	4, 522	30, 594	28, 305	14. 9	12, 061	7, 151	4, 909	8, 567
1915-1920 ¹	15, 455	11, 505	24, 681	23, 346	38. 5	13, 511	7, 550	5, 962	9, 637
1921-1925.....	22, 556	14, 974	31, 022	27, 259	42. 1	13, 075	6, 998	6, 077	9, 236
1926-1930.....	23, 338	17, 071	41, 102	35, 510	36. 2	15, 319	7, 371	7, 948	10, 504
1931-1935.....	19, 653	15, 729	35, 561	29, 261	35. 0	10, 351	3, 062	6, 388	7, 309
1936-1940.....	16, 302	13, 116	40, 065	33, 009	28. 6	11, 575	3, 146	8, 429	9, 412
1941-1945.....	32, 585	26, 877	23, 718	18, 770	57. 9	15, 489	4, 698	10, 789	12, 657
1946-1950 ²	40, 933	29, 510	33, 953	25, 073	54. 7	12, 301	4, 010	8, 291	10, 819
1939.....	14, 903	12, 130	44, 316	36, 040	25. 2	11, 088	3, 253	7, 835	8, 880
1940.....	16, 766	12, 904	32, 230	25, 249	34. 2	13, 176	3, 483	9, 693	11, 401
1941.....	17, 701	12, 251	28, 441	20, 462	38. 4	16, 454	4, 169	12, 285	13, 824
1942.....	13, 149	10, 827	18, 826	15, 637	41. 1	15, 730	3, 205	12, 525	13, 782
1943.....	28, 820	24, 140	21, 406	18, 330	57. 0	16, 484	4, 856	11, 628	13, 698
1944.....	46, 919	39, 960	24, 798	20, 134	65. 4	15, 668	6, 131	9, 538	12, 016
1945.....	56, 332	44, 705	25, 120	19, 286	69. 2	13, 107	5, 129	7, 979	10, 027
1946.....	45, 113	31, 963	21, 263	15, 865	68. 0	10, 849	4, 012	6, 837	9, 548
1947 ²	49, 558	38, 783	34, 949	28, 700	58. 6	12, 652	4, 530	8, 122	11, 284
1948 ²	41, 348	29, 840	34, 558	26, 314	54. 0	13, 735	4, 428	9, 309	12, 339
1949 ²	36, 136	25, 446	36, 927	27, 313	49. 5	11, 223	3, 545	7, 677	9, 382
1950 ²	32, 510	21, 520	42, 269	27, 175	43. 5	13, 044	3, 533	9, 509	11, 540

¹ Average for period July 1, 1915, to Dec. 31, 1920.

² Preliminary data, subject to revision.

³ Not available.

Source: Department of Commerce, Bureau of the Census; annual report, *Foreign Commerce and Navigation of the United States*, and records.

NO. 665.—VESSELS ENTERED AND CLEARED AT SEAPORTS IN FOREIGN TRADE—NET REGISTERED TONNAGE, BY COUNTRIES OF ORIGIN AND DESTINATION: 1921 TO 1947

[In thousands of net tons. Only traffic by sea is included. For definition of net tonnage, see general note, p. 533]

COUNTRY	1921- 1925, average	1926- 1930, average	1931- 1935, average	1936- 1940, average	1941- 1945, average	1945	1946	1947 (prel.)
Total by sea:								
Entered.....	52,959	63,768	54,928	55,521	52,620	81,182	69,520	80,889
Cleared.....	53,578	64,441	55,214	56,967	56,304	81,452	66,376	84,508
Belgium:								
Entered.....	1,231	1,560	1,068	940	929	4,630	2,914	4,220
Cleared.....	1,190	1,280	1,013	892	348	1,739	2,317	4,057
Denmark:								
Entered.....	372	532	451	251	23	114	809	1,234
Cleared.....	450	686	402	167	21	107	681	1,223
France:								
Entered.....	1,953	2,321	2,027	2,093	1,721	7,531	6,209	6,435
Cleared.....	2,260	2,475	2,582	2,395	1,016	5,008	6,500	8,427
Germany:								
Entered.....	2,908	3,813	3,806	2,530	48	241	2,826	3,091
Cleared.....	3,165	3,714	3,235	2,119	50	251	2,132	2,750
Italy:								
Entered.....	1,707	2,101	1,909	1,638	1,706	4,139	4,593	4,829
Cleared.....	1,986	2,023	1,869	1,727	603	2,085	5,080	6,154
Netherlands:								
Entered.....	1,654	2,081	1,389	1,804	100	493	1,758	3,161
Cleared.....	1,464	1,499	1,050	1,358	107	529	1,595	2,172
Norway:								
Entered.....	384	360	379	554	52	261	627	996
Cleared.....	412	361	269	365	54	270	705	798
Spain:								
Entered.....	608	850	674	361	210	306	454	378
Cleared.....	463	612	597	250	139	157	283	281
Sweden:								
Entered.....	504	681	695	834	132	537	1,006	1,806
Cleared.....	353	498	412	604	93	297	1,049	2,046
United Kingdom:								
Entered.....	9,378	10,614	6,087	6,422	13,274	15,611	8,026	8,700
Cleared.....	8,047	10,577	6,147	5,871	11,912	11,715	5,397	6,862
Canada:								
Atlantic coast— ¹								
Entered.....	1,201	1,607	2,265	2,033	1,110	891	1,351	1,803
Cleared.....	1,331	1,709	2,267	2,408	4,775	5,002	1,325	1,721
British Columbia, Yukon—								
Entered.....	4,571	6,619	6,682	6,551	2,670	2,026	2,039	2,818
Cleared.....	4,573	6,556	6,878	7,272	3,092	2,228	2,529	3,347
Central America:²								
Entered.....	1,734	2,391	2,368	3,307	2,191	3,990	3,516	3,279
Cleared.....	1,640	2,692	2,801	4,211	2,535	3,721	2,837	3,377
Mexico:								
Entered.....	8,160	2,840	1,548	1,932	705	704	1,199	1,756
Cleared.....	8,391	2,892	1,755	2,028	780	744	1,173	1,725
British West Indies, Bermuda, and British Honduras:								
Entered.....	1,351	1,975	3,210	2,684	897	651	649	737
Cleared.....	1,435	2,216	3,400	3,172	1,334	1,140	1,119	1,315
Cuba:								
Entered.....	4,769	5,875	5,435	4,988	3,133	2,630	2,506	4,134
Cleared.....	4,659	5,832	5,292	4,832	3,012	2,517	2,895	4,413
Dominican Republic:								
Entered.....	380	713	688	499	283	154	212	380
Cleared.....	449	920	903	589	342	272	398	502
Haiti:								
Entered.....	105	220	176	251	128	108	169	198
Cleared.....	230	204	188	262	135	102	204	261
Argentina:								
Entered.....	1,006	966	499	828	534	434	657	915
Cleared.....	707	997	358	494	244	205	685	1,199
Brazil:								
Entered.....	552	918	803	637	707	792	721	873
Cleared.....	913	1,252	924	1,241	882	859	1,565	1,745
Chile:								
Entered.....	975	1,387	545	1,039	747	841	898	1,108
Cleared.....	793	1,058	507	734	511	610	604	623
Colombia:								
Entered.....	144	958	1,056	599	633	935	871	1,106
Cleared.....	226	966	1,015	1,030	592	571	1,167	1,645
British India, British Malaya, and Ceylon:								
Entered.....	57	833	704	691	877	997	1,231	1,245
Cleared.....	330	428	289	279	1,245	1,829	569	799

¹ Beginning 1939 includes maritime provinces only.

² Not including British Honduras.

No. 665.—VESSELS ENTERED AND CLEARED AT SEAPORTS IN FOREIGN TRADE—
NET REGISTERED TONNAGE, BY COUNTRIES, ETC.—Continued

COUNTRY	1921- 1925, average	1926- 1930, average	1931- 1935, average	1936- 1940, average	1941- 1945, average	1945	1946	1947 (prel.)
China, Hong Kong, and Kwantung:								
Entered.....	959	1,044	827	805	96	106	1,224	1,232
Cleared.....	963	894	562	359	96	194	1,556	1,077
Japan:								
Entered.....	1,607	2,320	2,169	2,853	733	2,294	2,691	2,687
Cleared.....	2,106	3,284	3,815	4,631	623	1,308	2,122	3,046
Philippine Islands:								
Entered.....	408	611	1,012	986	1,110	4,534	1,970	1,403
Cleared.....	359	503	466	663	454	1,472	1,168	1,514
Oceania:								
Entered.....	509	931	778	693	4,651	8,242	1,318	815
Cleared.....	946	1,396	831	714	2,077	5,071	1,022	1,001
All other countries:								
Entered.....	3,165	6,649	5,677	6,717	13,220	16,990	17,076	19,460
Cleared.....	3,149	6,913	5,388	6,299	18,631	30,849	17,609	20,427

No. 666.—VESSELS ENTERED AND CLEARED AT SEAPORTS IN FOREIGN TRADE—
NET REGISTERED TONNAGE, BY NATIONALITY OF VESSEL: 1921 TO 1947

[In thousands of net tons. Includes only traffic by sea and to and from foreign countries. The large trade with Canada on the Great Lakes and the St. Lawrence is handled primarily by vessels of the United States and of the British (Canadian) flag. British (Canadian) flag vessels predominate in this trade. See tables 663 and 664 in which the columns for northern border represent trade with Quebec and Ontario]

NATIONALITY	1921- 1925, average	1926- 1930, average	1931- 1935, average	1936- 1940, average	1941- 1945, average	1945	1946	1947 (prel.)
Total by sea:								
Entered.....	52,959	63,768	54,928	55,521	52,620	81,182	69,520	80,889
Cleared.....	53,578	64,441	55,214	56,967	56,304	81,452	66,376	84,508
American:								
Entered.....	22,526	23,182	19,855	16,090	30,059	56,499	49,143	49,045
Cleared.....	22,556	23,338	19,653	16,302	32,585	56,332	45,113	49,558
Total foreign:								
Entered.....	30,433	40,586	35,074	39,432	22,561	24,682	20,378	31,844
Cleared.....	31,022	41,102	35,561	40,665	23,718	25,120	21,263	34,049
Belgian:								
Entered.....	332	374	274	332	143	173	280	254
Cleared.....	343	370	269	329	158	180	263	287
British:								
Entered.....	16,807	20,189	15,270	14,506	10,012	11,016	7,585	10,880
Cleared.....	17,064	20,291	15,373	14,889	10,749	11,149	7,346	10,887
Danish:								
Entered.....	929	1,136	917	1,040	40	109	544	874
Cleared.....	928	1,168	902	1,054	41	190	575	982
Dutch:								
Entered.....	1,300	1,798	1,634	2,322	1,212	1,326	880	1,456
Cleared.....	1,292	1,809	1,627	2,352	1,235	1,298	1,057	1,696
French:								
Entered.....	1,492	1,870	1,652	1,852	222	438	631	907
Cleared.....	1,513	1,905	1,694	1,859	227	502	699	1,218
German:							3	
Entered.....	847	2,654	3,260	2,488				
Cleared.....	870	2,736	3,280	2,414				
Italian:								
Entered.....	1,490	2,175	1,798	1,690	30	29	198	1,509
Cleared.....	1,569	2,150	1,800	1,704	33	62	210	2,000
Japanese:								
Entered.....	2,059	2,618	2,473	3,014	357			
Cleared.....	2,235	2,741	2,682	3,428	400			
Norwegian:								
Entered.....	2,817	4,026	4,072	6,672	3,932	4,562	3,489	3,970
Cleared.....	2,784	4,136	4,178	6,839	3,989	4,686	3,530	4,227
Spanish:								
Entered.....	480	571	459	185	198	251	383	403
Cleared.....	487	586	457	188	197	235	406	426
Swedish:								
Entered.....	564	985	1,013	1,206	542	818	1,192	1,340
Cleared.....	566	1,005	1,017	1,233	541	766	1,245	1,348
All other foreign:								
Entered.....	1,317	2,190	2,252	4,125	5,872	5,870	5,193	10,251
Cleared.....	1,360	2,206	2,281	4,377	6,148	6,068	5,932	11,869

Source of tables 665 and 666: Department of Commerce, Bureau of the Census; annual report, *Foreign Commerce and Navigation of the United States*, and records.

No. 667.—UNITED STATES FLAG STEAM AND MOTOR MERCHANT VESSELS: 1941 TO 1951

[Dead weight tonnage in thousands. 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]

DATE AND TYPE OF VESSEL	ALL VESSELS		ACTIVE VESSELS										INACTIVE VESSELS		SPECIAL SERVICE		
	Num-ber	Dead weight tons	Total		Foreign trade		Domestic trade						Num-ber	Dead weight tons			
			Num-ber	Dead weight tons	Num-ber	Dead weight tons	Coastwise		Intercoastal		Noncontiguous						
							Num-ber	Dead weight tons	Num-ber	Dead weight tons	Num-ber	Dead weight tons				Num-ber	Dead weight tons
1941, June 30.....	1,168	10,096	1,134	9,888	471	4,052	663	5,836	488	4,261	94	947	81	628	31	177	3
Combination.....	94	541	87	513	43	348	333	44	34	118	---	---	10	47	6	15	1
Cargo.....	716	5,472	691	5,306	338	2,966	333	286	179	3,240	90	890	64	512	23	148	2
Tankers.....	358	4,063	356	4,070	70	739	286	3,351	275	3,205	4	56	7	69	2	13	---
1946, Sept. 30.....	4,422	46,540	2,332	25,400	1,890	20,593	442	4,807	297	3,483	54	563	91	761	2,090	21,140	---
Combination.....	86	555	25	166	15	128	10	38	---	---	---	---	38	61	31	389	---
Cargo.....	3,442	33,380	1,833	18,111	1,607	16,201	226	1,910	101	730	53	561	72	619	1,609	15,269	---
Tankers.....	894	12,605	474	7,123	268	4,264	206	2,859	196	2,753	1	2	9	104	420	5,482	---
1947, Dec. 31.....	3,696	38,882	2,114	23,651	1,603	17,298	511	6,413	381	5,104	68	742	62	567	1,582	15,231	---
Combination.....	95	742	38	254	32	259	6	25	82	659	63	692	47	431	1,349	12,645	---
Cargo.....	2,977	29,206	1,628	16,561	1,434	14,779	194	1,782	299	4,445	3	50	9	111	176	2,128	---
Tankers.....	624	8,934	448	6,806	137	2,200	311	4,606	327	4,329	66	721	84	735	1,767	17,222	---
1948, June 30.....	3,490	36,774	1,723	19,552	1,246	13,767	477	5,785	327	4,329	66	721	84	735	1,767	17,222	---
Combination.....	77	601	48	385	41	357	7	28	68	569	62	667	68	596	1,666	16,250	---
Cargo.....	2,887	28,674	1,221	12,424	1,023	10,592	198	1,832	259	3,760	4	54	9	111	72	756	---
Tankers.....	526	7,499	454	6,743	182	2,818	272	3,925	262	3,437	62	700	58	491	1,993	20,184	---
1949, June 30.....	3,379	36,228	1,386	16,044	1,004	11,416	382	4,628	262	3,437	62	700	58	491	1,993	20,184	---
Combination.....	79	609	47	388	43	375	4	13	53	416	59	657	44	364	1,830	18,379	---
Cargo.....	2,709	28,442	989	10,063	813	8,626	156	1,437	209	3,021	3	43	10	114	1,354	---	---
Tankers.....	501	7,177	370	5,593	148	2,222	222	3,178	279	3,716	87	1,131	68	626	2,263	22,698	---
1950, June 30.....	3,408	36,526	1,145	13,828	711	8,353	434	5,474	279	3,716	87	1,131	68	626	2,263	22,698	---
Combination.....	83	639	51	417	45	389	6	28	66	559	58	649	53	500	2,164	21,851	---
Cargo.....	2,846	28,927	682	7,075	505	5,367	177	1,708	213	3,157	29	482	9	98	67	624	---
Tankers.....	479	6,959	412	6,335	161	2,597	251	3,737	287	3,924	58	667	81	741	1,732	17,653	---
1951, June 30.....	3,386	36,336	1,414	16,761	988	11,425	426	5,333	287	3,924	58	667	81	741	1,732	17,653	---
Combination ¹	206	2,067	51	428	46	404	5	24	55	484	55	625	66	611	1,506	15,361	---
Cargo.....	2,650	27,376	919	9,614	743	7,892	176	1,721	232	3,440	3	41	10	105	23	162	---
Tankers.....	470	6,893	444	6,718	199	3,129	245	3,587	256	3,440	3	41	10	105	23	162	---

¹ Comprised of 57 combination ships of 467,000 deadweight tons, 26 transports, hospital ships, etc. of 175,000 deadweight tons carried in this classification in previous years, and 183 cargo ships of 1,426,000 deadweight tons originally constructed as cargo ships but converted to transports, hospital ships, etc., and included in the cargo classification of previous years.

Source: Department of Commerce, Maritime Administration; records.

No. 668.—MERCHANT VESSELS COMPLETED BY U. S. SHIPYARDS: 1914 TO 1951

[Represents self-propelled steel vessels of 2,000 gross tons and over. For explanation of gross-tons and dead-weight tons, see text p. 533]

YEAR	Number	Gross tons	PASSENGER-CARGO/ TRANSPORT			CARGO			TANKER		
			Number	Gross tons	Dead-weight tons	Number	Gross tons	Dead-weight tons	Number	Gross tons	Dead-weight tons
1914-----	26	135,164	1	2,662	800	17	87,585	130,278	8	44,917	67,222
1915-----	24	128,337	3	19,987	12,600	17	88,202	131,388	4	20,088	29,862
1916-----	74	369,955	1	6,063	7,480	49	200,824	299,623	24	163,068	246,953
1917-----	125	642,120	1	10,206	9,940	92	413,602	627,002	32	218,312	314,225
1918-----	414	1,769,629	5	29,736	24,297	375	1,508,003	2,282,585	34	231,890	339,368
1919-----	723	3,369,884	2	10,285	10,650	679	3,086,207	4,680,321	42	273,392	394,713
1920-----	467	2,395,545	12	99,911	111,000	375	1,758,086	2,695,753	80	537,548	778,027
1921-----	183	1,359,426	22	256,436	243,380	57	316,909	485,418	104	786,081	1,158,053
1922-----	19	168,024	3	41,293	34,384	10	78,442	155,680	6	48,289	70,663
1923-----	18	117,042	7	33,947	26,110	9	67,582	110,410	2	15,513	23,420
1924-----	12	84,302	7	43,740	19,758	4	34,016	48,450	1	6,546	10,544
1925-----	12	83,916	3	18,850	11,470	9	65,066	92,200			
1926-----	8	54,043	5	28,789	15,880	2	16,302	25,625	1	8,952	15,262
1927-----	19	154,700	7	51,294	27,459	9	72,936	104,300	3	30,470	49,752
1928-----	7	71,916	3	44,190	37,400				4	27,726	44,086
1929-----	8	65,313	2	23,614	19,800	5	32,603	49,200	1	9,096	15,180
1930-----	18	163,500	5	50,311	39,269	2	15,824	24,000	11	97,365	161,219
1931-----	14	150,949	9	108,968	85,413				5	41,981	69,528
1932-----	15	145,470	13	129,348	82,572	2	16,122	21,800			
1933-----	4	49,527	4	49,527	32,367						
1934-----	2	9,544				2	9,544	15,180			
1935-----	2	19,022							2	19,022	29,760
1936-----	8	63,428							8	63,428	104,860
1937-----	15	121,852							15	121,852	191,929
1938-----	24	181,366				6	39,196	56,100	18	142,170	227,982
1939-----	28	241,052	3	30,063	20,436	14	91,560	128,484	11	119,429	193,112
1940-----	53	444,727	6	68,943	61,222	31	227,275	334,660	16	148,509	238,352
1941-----	95	749,108	6	58,107	56,515	61	423,022	597,943	28	267,079	434,039
1942-----	724	5,392,848	11	101,847	81,290	652	4,678,880	6,842,689	61	612,121	982,381
1943-----	1,661	12,485,629	20	219,760	180,047	1,410	10,103,245	14,921,082	231	2,162,624	3,420,405
1944-----	1,463	11,403,163	48	461,291	330,311	1,175	8,455,475	11,857,797	240	2,486,397	3,954,957
1945-----	1,041	7,614,898	46	509,163	311,046	807	5,336,152	7,206,201	188	1,769,593	2,787,397
1946-----	83	645,706	9	76,719	84,667	66	487,354	728,583	8	81,633	120,900
1947-----	39	247,327	8	73,664	68,225	28	154,402	223,657	3	19,261	36,166
1948-----	24	158,915	1	15,359	10,513	17	92,049	158,863	6	51,507	87,693
1949-----	33	540,559							33	540,559	863,292
1950-----	26	404,617				3	26,864	43,500	23	377,763	608,593
1951-----	10	147,569	2	47,438	23,580	4	28,993	42,994	4	71,138	116,468

Source: American Bureau of Shipping, New York, N. Y.; published annually in *The Bulletin*.

No. 669.—UNITED STATES MERCHANT MARINE—SUMMARY: 1789 TO 1951

[For definition of "gross ton" see general note, p. 533. See also *Historical Statistics*, series K 94-98]

JUNE 30 (EXCEPT AS INDICATED)	NUMBER OF VESSELS			GROSS TONNAGE OF VESSELS (THOUSANDS)			
	Total	Steam and motor	All other	Total	Steam and motor	Sailing ¹	Canal boats and barges ¹
1789 (Dec. 31).....	-----	-----	-----	202	-----	202	-----
1800 (Dec. 31).....	-----	-----	-----	972	-----	972	-----
1810 (Dec. 31).....	-----	-----	-----	1,425	1	1,424	-----
1820 (Dec. 31) ²	-----	-----	-----	1,280	22	1,258	-----
1830 (Dec. 31) ²	-----	-----	-----	1,192	64	1,127	-----
1840 (Sept. 30).....	-----	-----	-----	2,181	202	1,978	-----
1850.....	-----	-----	-----	3,535	520	3,010	-----
1860.....	-----	-----	-----	5,354	868	4,486	-----
1870.....	23,998	3,524	25,474	4,247	1,075	2,363	808
1880.....	24,712	4,717	19,995	4,068	1,212	2,366	490
1890.....	23,467	5,965	17,502	4,424	1,859	2,109	456
1900.....	23,353	7,053	16,280	5,165	2,658	1,885	622
1910.....	25,740	12,452	13,288	7,508	4,900	1,655	952
1915.....	26,701	15,948	10,753	8,389	5,944	1,384	1,061
1920.....	28,183	18,814	9,369	16,324	13,823	1,272	1,228
1925.....	26,367	18,637	7,730	17,406	14,976	1,125	1,304
1930.....	25,214	18,211	7,003	16,068	13,757	757	1,554
1935.....	24,919	18,495	6,424	14,654	12,535	441	1,677
1939.....	27,470	19,606	7,864	14,632	11,952	221	2,459
1940.....	27,212	19,504	7,708	14,018	11,353	200	2,466
1941 (Jan. 1).....	27,075	19,382	7,693	13,722	11,047	182	2,493
1942 (Jan. 1).....	27,325	19,471	7,854	13,860	11,072	166	2,621
1943 (Jan. 1).....	27,612	19,974	7,638	16,762	14,052	142	2,568
1944 (Jan. 1).....	28,690	21,511	7,179	25,795	23,217	129	2,449
1945 (Jan. 1).....	29,797	22,772	7,025	32,813	30,247	115	2,452
1946 (Jan. 1).....	31,386	24,355	7,031	38,501	35,928	98	2,475
1947 (Jan. 1).....	32,760	25,532	7,228	37,832	35,149	95	2,588
1948 (Jan. 1).....	33,843	26,633	7,210	33,167	30,469	87	2,611
1949 (Jan. 1).....	35,264	27,802	7,462	32,182	29,323	87	2,771
1950 (Jan. 1).....	36,083	28,793	7,290	31,215	28,327	82	2,806
1951 (Jan. 1).....	36,745	29,429	7,316	30,341	27,424	71	2,846

CLASSES	NUMBER OF VESSELS					GROSS TONNAGE OF VESSELS (THOUSANDS)				
	1941	1948	1949	1950	1951	1941	1948	1949	1950	1951
Total.....	27,075	33,843	35,264	36,083	36,745	13,722	33,167	32,182	31,215	30,341
By location:										
Atlantic and Gulf ³	16,627	20,212	21,071	21,623	22,069	9,812	20,116	20,318	20,420	19,908
Pacific ⁴	6,727	9,462	9,801	10,066	10,203	1,964	10,367	9,088	8,446	8,072
Northern lakes.....	2,023	1,920	1,964	2,026	2,043	1,641	2,079	2,076	1,628	1,565
Western rivers.....	1,698	2,249	2,428	2,368	2,430	305	603	698	721	736
By rig:										
Steam.....	3,796	5,279	5,020	4,795	4,551	9,814	28,401	27,225	26,272	25,390
Motor.....	15,586	21,354	22,842	23,998	24,878	1,233	2,067	2,099	2,055	2,033
Sailing.....	517	319	303	290	268	182	87	87	82	71
Unrigged.....	7,176	6,891	7,099	7,000	7,048	2,493	2,611	2,771	2,806	2,846

¹ Canal boats and barges included with sailing prior to 1868.² Decrease of tonnage arises principally from registered tonnage having been corrected in 1818, 1829, and 1830 by omitting all vessels with registers granted prior to 1815, which were presumed to have been lost at sea, captured, etc.³ Including Puerto Rico and Virgin Islands.⁴ Including Hawaii and Alaska.Source: Prior to 1942, Department of Commerce, Bureau of Marine Inspection and Navigation; thereafter, Treasury Department, Bureau of Customs; annual report, *Merchant Marine Statistics*.

No. 670.—U. S. MERCHANT MARINE—NUMBER AND GROSS TONNAGE OF VESSELS
ON JAN. 1, 1951, BY YEAR OF BUILD

YEAR OF BUILD	Number	Gross tons	YEAR OF BUILD	Number	Gross tons	YEAR OF BUILD	Number	Gross tons
Total	36,745	30,340,701	1887	32	4,287	1919	542	239,066
Unknown	1,032	128,483	1888	47	6,498	1920	498	251,141
1849	1	19	1889	29	4,109	1921	310	245,343
1851	1	14	1890	37	5,978	1922	358	112,977
1852	1	14	1891	70	13,598	1923	463	126,721
1857	3	191	1892	56	10,228	1924	613	148,688
1862	1	36	1893	43	4,040	1925	650	140,338
		1,386	1894	35	3,303			
1863	2		1895	37	6,490	1926	722	145,063
1864	1	225	1896	68	43,610	1927	802	216,645
1865	4	121	1897	67	29,532	1928	825	187,825
1866	5	1,196	1898	99	43,604	1929	865	170,708
1867	5	138	1899	108	46,700	1930	769	157,174
1868	6	1,647	1900	157	80,615	1931	548	125,414
1869	5	294	1901	182	62,462	1932	384	129,134
1870	2	3,706	1902	170	86,034	1933	319	52,148
						1934	412	38,587
1871	9	487	1903	173	76,946	1935	598	64,345
1872	8	461	1904	178	55,670	1936	791	148,559
1873	7	310	1905	231	195,836	1937	867	216,945
1874	7	884	1906	263	270,974	1938	760	170,224
1875	9	778	1907	265	78,982	1939	764	195,022
1876	8	447	1908	282	203,413	1940	901	385,690
1877	7	3,159	1909	251	137,225	1941	950	526,956
1878	11	3,661	1910	278	158,493	1942	1,609	3,440,552
						1943	2,245	7,395,988
1879	11	2,059	1911	349	108,752	1944	2,257	5,951,051
1880	11	2,761	1912	392	98,140	1945	1,691	4,786,720
1881	31	3,062	1913	415	128,798	1946	1,523	602,225
1882	34	2,134	1914	371	92,673	1947	1,443	279,608
1883	30	1,527	1915	375	73,854	1948	1,292	234,712
1884	36	3,327	1916	372	149,135	1949	1,168	236,047
1885	29	3,114	1917	554	214,070	1950	861	194,370
1886	29	2,012	1918	513	152,012			

Source: Treasury Department, Bureau of Customs; annual report, *Merchant Marine Statistics*.

No. 671.—U. S. MERCHANT MARINE—NUMBER AND GROSS TONNAGE OF VESSELS
ON JAN. 1, 1951, BY TONNAGE GROUPINGS

TONNAGE GROUPINGS	TOTAL		STEAM VESSELS		MOTOR VESSELS		SAILING VESSELS		UNRIGGED VESSELS	
	Num-ber	Gross tons (1,000)	Num-ber	Gross tons (1,000)	Num-ber	Gross tons (1,000)	Num-ber	Gross tons (1,000)	Num-ber	Gross tons (1,000)
Total	36,745	30,341	4,551	25,390	24,878	2,033	268	71	7,048	2,846
5 to 49 tons	21,342	383	81	2	20,350	357	203	3	708	20
50 to 99 tons	2,658	188	201	16	2,102	146	16	1	339	25
100 to 499 tons	6,941	1,884	653	152	1,982	387	14	3	4,292	1,342
500 to 999 tons	1,677	1,099	152	106	155	102	12	10	1,358	881
1,000 to 2,499 tons	593	835	149	234	120	152	17	30	307	419
2,500 to 4,999 tons	340	1,290	180	707	113	416	6	23	41	143
5,000 to 9,999 tons	2,835	20,689	2,788	20,330	44	342			3	16
10,000 to 19,999 tons	353	3,833	341	3,706	12	132				
20,000 tons and over	6	135	6	135						

Source: Treasury Department, Bureau of Customs; annual report, *Merchant Marine Statistics*.

No. 672.—MERCHANT VESSELS LAUNCHED IN THE WORLD AND IN THE UNITED STATES: 1910 TO 1951

[Vessels of 100 gross tons and over. For definition of "gross ton" see general note, p. 533. Beginning 1941 sailing ships and nonpropelled craft are included for Great Britain and N. Ireland only. For 1939-1945, figures exclude information from enemy and enemy-occupied countries and Russia; for 1946-1949, figures exclude Germany and Russia. Figures for 1950 and 1951 include Germany, but exclude Russia, Poland, and China]

CALENDAR YEAR	WORLD				UNITED STATES	
	Total		Steam and motor		Number	Gross tons
	Number	Gross tons	Number	Gross tons		
1910-1914, average.....	1,533	2,739,079	1,180	2,631,770	162	252,804
1915-1920, average 1.....	1,488	4,046,860	1,296	3,918,746	518	1,877,382
1921-1925, average.....	942	2,581,653	830	2,531,592	99	315,114
1926-1930, average.....	873	2,468,515	808	2,427,929	74	158,788
1931-1935, average.....	484	1,020,444	461	1,010,567	25	83,485
1936-1940, average.....	931	2,427,144	841	2,376,050	127	310,796
1941-1945, average.....	1,442	8,520,091	1,390	8,510,700	963	6,718,446
1946-1950, average.....	934	2,645,026	858	2,630,349	67	372,579
1938.....	1,119	3,033,593	1,029	2,975,942	105	201,251
1939.....	941	2,530,424	821	2,474,312	170	421,089
1940.....	495	1,754,198	399	1,707,028	167	579,410
1941.....	564	2,498,061	510	2,491,173	187	1,035,239
1942.....	1,359	7,828,705	1,300	7,815,369	861	5,670,820
1943.....	2,122	13,893,978	2,078	13,884,776	1,625	11,579,622
1944.....	1,822	11,182,310	1,738	11,169,509	1,261	9,389,067
1945.....	1,344	7,197,402	1,326	7,192,073	830	5,967,581
1946.....	747	2,127,421	690	2,114,702	96	501,294
1947.....	837	2,111,886	787	2,102,621	70	104,843
1948.....	997	2,332,604	872	2,309,743	49	126,418
1949.....	1,012	3,146,145	926	3,131,805	66	633,306
1950.....	1,075	3,507,073	1,013	3,492,870	52	437,031
1951.....	1,101	3,658,485	1,022	3,642,564	64	165,883

1 Figures covering war period are for allied and neutral countries.

Source: Lloyd's Register of Shipping, London; *Annual Summary of Mercantile Shipbuilding of the World*.

No. 673.—MERCHANT MARINE OF THE WORLD AND OF THE UNITED STATES

[Vessels of 100 tons and over. Prior to 1919 tonnage figures are gross for steamers and net for sailing vessels, thereafter gross for both. Wooden vessels on Great Lakes and vessels on Caspian Sea excluded. Japanese sailing vessels and most sailing vessels belonging to Greece, Turkey, and southern Russia excluded. Figures for Philippine Islands included with United States, 1910-39. See general note, p. 533. Data not compiled during last war period]

YEAR	World total	United States	YEAR	World total	United States	YEAR	World total	United States
	1,000 tons	1,000 tons		1,000 tons	1,000 tons		1,000 tons	1,000 tons
1895.....	25,086	2,165	1920.....	37,314	16,049	1947.....	84,366	32,891
1900.....	28,967	2,750	1925.....	64,041	15,377	1948.....	81,074	29,602
1905.....	35,998	3,966	1930.....	69,008	14,040	1949.....	83,346	28,224
1910.....	41,815	5,059	1935.....	64,886	12,852	1950.....	85,303	27,898
1915.....	49,262	5,893	1939.....	69,440	12,003	1951.....	87,961	27,702

ITEM	NUMBER					THOUSANDS OF TONS (SEE HEADNOTE)					
	1920	1930	1939	1950	1951	1914	1920	1930	1939	1950	1951
World total.....	31,595	32,713	31,186	31,732	32,112	49,090	57,314	69,608	69,440	85,303	87,961
Steam and motor.....	26,513	29,996	29,763	30,852	31,226	45,404	53,905	63,024	68,509	84,583	87,245
Steel and iron.....	23,382	27,595	27,507	27,922	28,374	44,934	51,661	67,304	68,007	83,996	86,678
Wood and composite.....	3,131	2,401	2,256	2,930	2,852	470	2,244	720	508	587	567
Sailing and nonpropelled.....	5,082	2,717	1,423	880	886	3,686	3,409	1,584	930	720	719
Steel and iron.....	1,314	742	743	611	648	2,095	1,524	654	572	557	578
Wood and composite.....	3,768	1,975	680	269	243	1,590	1,885	930	358	163	138
United States.....	5,457	4,223	3,375	5,213	5,160	5,368	16,049	14,046	12,003	27,898	27,702
Steam and motor.....	4,110	3,517	2,958	4,953	4,909	4,330	14,574	13,202	11,490	27,513	27,331
Steel and iron.....	3,242	3,001	2,500	4,531	4,484	4,120	13,341	12,914	11,342	27,404	27,225
Wood and composite.....	868	516	398	422	425	210	1,234	288	148	109	106
Sailing and nonpropelled.....	1,847	706	417	260	251	1,038	1,475	844	513	385	371
Steel and iron.....	154	147	187	154	160	236	304	288	272	260	270
Wood and composite.....	1,193	559	230	106	91	803	1,171	556	241	125	101

Source: Lloyd's Register of Shipping, London; Appendix to *Lloyd's Register Book*.

23. Irrigation, Drainage, and Soil Conservation

(Sent to print May 7, 1952)

Irrigation.—The 17 Western States and Arkansas, Louisiana, and Florida are the States in which most of the irrigated land in the Nation is located. In these States a special census of irrigation was made as part of the 1950 Census of Agriculture. Information on acres irrigated, irrigation works, capital investment, and a number of other items was obtained from the irrigation companies, districts, and other organizations, and from farms that operate their own irrigation supply works. For the remaining eastern and midwestern States information on irrigation was limited to that reported in the farm census.

The definition of irrigated land in the 1950 Census was the net acreage of farm land to which irrigation water was actually applied during 1949. It did not include land that could be irrigated or that usually is irrigated, but that was not irrigated during 1949. Land in irrigated farms that was used for purposes such as roads and farmsteads, to which irrigation water was not applied, was excluded. Also excluded was irrigated land used for purposes other than farming, such as that in rural residential areas, cemeteries, parks, and golf courses.

Drainage.—Drainage works for farm lands are constructed primarily for three purposes, namely, (1) the reclamation or improvement of the land, (2) protection of the land against overflow, and (3) to rid the land of seepage from irrigation ditches or for control or prevention of alkali formation. Ninety percent of all drainage enterprises were organized for reclamation and improvement of land.

The farmers in the Eastern United States need drainage to take surplus rainfall off some of their lands. Most of this is gravity drainage, although pumps are sometimes used. In the Western States drainage is mainly for the purpose of taking seepage water off irrigated lands and to carry off alkali salts.

In the 1950 National Census of Drainage, in general, only those organized enterprises with 500 acres or more of drained farm land were included in the enumeration. A few irrigation enterprises of smaller size which had their own drainage works were also included. In previous Censuses (1910–1940) all organized enterprises draining farm lands were included in the enumeration regardless of size. Privately drained lands of less than 500 acres have not been enumerated in any of the four Drainage Censuses. The change in census procedure for 1950 materially reduced the number of enterprises enumerated, but affected very little the amount of drained land enumerated.

In taking the 1950 Census, differences in form of organization and management of drainage enterprises made it necessary for the Bureau of the Census to divide somewhat arbitrarily the 40 States with drainage enterprises into two groups: the 10 "county-drain" States and the 30 "drainage-district" States. The eight States with no drainage enterprises are the six New England States, Pennsylvania, and West Virginia. In the 10 "county-drain" States (Delaware, Indiana, Iowa, Kentucky, Michigan, Minnesota, North Dakota, Ohio, Oklahoma, South Dakota), statistics were gathered for the county as a unit, rather than for each separate enterprise as for the 30 "drainage-district" States. In most of the "county-drain" States, the management of drainage enterprises is under the county government. Generally, the maintenance work on existing ditches has been done by reorganizing the land of an earlier enterprise into a new project. Since the number of enterprises for "county-drain" States would be meaningless, the number was not obtained for these 10 States.

In the Western States most of the drained land is located in irrigation enterprises which were chartered to do both irrigation and drainage work under one organization. In the case of irrigation enterprises having their own drainage, the cost of construction and operation and maintenance of the irrigation works is usually far greater than that for drainage. Separate records are seldom kept for expenditures for drainage and irrigation. Data were not included in the 1950 Census of Drainage for cost, collections, and indebtedness of irrigation enterprises having their own drainage. Therefore, the data for 1950 are not fully comparable with those for earlier years.

Historical statistics.—See preface and historical appendix. Tabular headnotes (as "See also *Historical Statistics*, series F 56–59") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789–1945*.

No. 674.—IRRIGATION ENTERPRISES—SUMMARY: 1910 TO 1950

[Data are for the 17 Western States, Arkansas, Louisiana, and, for 1950, Florida. Tables 674 and 676-679 relate to irrigation enterprises of all types, including those operated by individual farmers. They are based on reports of management of enterprises. An enterprise is defined as "an independent irrigation establishment owning or operating works for supplying water to agricultural land." 1950 data are preliminary. See also *Historical Statistics*, series F 56-59]

ITEM	CENSUS OF—				
	1910	1920	1930	1940	1950 ¹
Approximate land area.....1,000 acres.....	1,224,063	1,223,989	1,223,989	1,225,057	1,258,972
Farms (irrigated and nonirrigated) ².....number.....	1,776,046	1,916,391	2,062,813	1,897,845	1,669,447
Land in all farms ³.....1,000 acres.....	416,463	505,441	568,694	620,050	734,577
Irrigation enterprises:					
Enterprises.....number.....	56,858	63,298	75,517	91,637	123,927
Area irrigated.....1,000 acres.....	14,433	19,192	19,548	21,004	26,249
Investment in irrigation enterprises.....1,000 dollars.....	321,454	697,657	892,756	1,052,049	1,887,070
Increase over preceding census.....percent.....	359.2	117.0	28.0	17.8	79.4
Average per acre irrigated.....dollars.....	22.27	36.35	45.07	50.09	71.89
Increase over preceding census.....percent.....	-----	63.2	25.6	9.7	43.5
Average annual cost per acre irrigated for maintenance and operation of irrigation works.....dollars.....	⁴ 1.07	2.43	2.77	2.28	4.89

¹ Includes Florida; see headnote.

² Represents redeterminations and therefore differs from figures shown for earlier years.

³ From Census of Agriculture.

⁴ Excludes cost of operation and maintenance for rice-growing districts in Gulf States; consequently figure is not comparable with those for later years.

Source: Department of Commerce, Bureau of Census; Sixteenth Census Reports, *Irrigation of Agricultural Lands*, and preliminary data from 1950 Census of Agriculture.

No. 675.—FARM DRAINAGE—ANNUAL COST AND FUNDS COLLECTED, FOR ALL DRAINAGE STATES: 1940 TO 1949

[See table 681 for States included. Data are preliminary]

FINANCIAL ITEMS	All drainage States, amount	30 STATES ¹		10 States, amount ²
		Number of enterprises reporting	Amount	
Cost of construction and operation and maintenance, 1940 to 1949.....	\$179,033,770	3,426	\$110,231,690	\$68,802,080
1940.....	11,118,467	1,513	6,196,439	4,922,028
1941.....	11,858,842	1,519	6,658,374	5,200,468
1942.....	11,622,551	1,518	6,723,109	4,899,442
1943.....	11,680,225	1,577	7,043,661	4,636,564
1944.....	13,754,850	1,582	8,135,637	5,610,213
1945.....	15,874,399	1,671	9,077,448	6,796,951
1946.....	18,868,027	1,853	11,645,339	7,222,688
1947.....	23,635,739	2,022	15,224,054	8,411,685
1948.....	29,103,462	2,133	19,222,181	9,881,281
1949.....	31,517,208	2,214	20,305,448	11,211,760
Cost of new drainage works, 1940 to 1949.....	23,872,422	983	16,288,346	7,584,076
1940.....	292,905	28	211,662	81,243
1941.....	595,553	36	456,885	138,668
1942.....	668,304	38	485,030	183,334
1943.....	761,825	55	552,887	208,938
1944.....	847,874	58	585,754	262,120
1945.....	1,841,360	106	1,209,478	631,882
1946.....	2,656,197	175	1,845,545	810,652
1947.....	3,982,765	285	2,675,951	1,306,814
1948.....	5,480,198	334	3,811,674	1,668,524
1949.....	6,745,381	399	4,453,480	2,291,901
Funds collected for drainage, 1940 to 1949.....	209,319,061	3,471	144,415,544	65,593,517
1940.....	14,826,778	1,544	9,876,982	4,949,796
1941.....	16,059,107	1,516	10,964,089	5,095,018
1942.....	16,434,045	1,534	11,257,936	5,176,709
1943.....	16,604,412	1,549	11,745,320	4,859,093
1944.....	17,857,447	1,574	12,352,386	5,505,061
1945.....	19,893,508	1,650	13,748,625	6,144,883
1946.....	24,077,324	1,792	16,740,225	7,337,099
1947.....	25,669,339	1,968	18,062,647	7,606,692
1948.....	28,090,532	2,072	19,851,283	8,539,249
1949.....	30,405,968	2,107	20,116,051	10,289,917

¹ Largely States with organized drainage districts and other corporate and private enterprises.

² Largely county-drain States. See text, p. 555.

Source: Department of Commerce, Bureau of the Census; 1950 Census of Agriculture, preliminary report, *Drainage of Agricultural Lands*.

No. 676.—IRRIGATION ENTERPRISES—AREA IRRIGATED, 1939 AND 1949, AND CAPITAL INVESTED, 1940 AND 1950, BY STATES

[Data are for the 17 Western States and Arkansas, Florida, and Louisiana. Minus sign (—) denotes decrease. 1950 data are preliminary]

STATE	AREA IRRIGATED				CAPITAL INVESTED			
	1939	1949		In-crease 1939-49	1940	1950		In-crease 1940-50
		Total	Proportion of total			Total	Proportion of total	
	<i>Acres</i>	<i>Acres</i>	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Percent</i>	<i>Percent</i>
Total for 20 States	21,136,101	26,248,508	100.0	24.2	1,059,105,122	1,887,070,003	100.0	78.2
Arizona.....	653,263	979,014	3.7	49.9	83,526,608	137,575,193	7.3	64.7
Arkansas.....	161,601	418,644	1.6	159.1	5,706,895	14,365,151	8.8	149.1
California.....	5,069,568	6,618,595	25.2	30.6	318,889,218	640,061,505	33.9	100.7
Colorado.....	3,220,685	2,940,502	11.2	—8.7	106,849,343	161,396,063	8.6	51.1
Florida.....	132,362	362,909	1.4	174.2	7,055,921	19,489,139	1.0	176.2
Idaho.....	2,277,857	2,168,323	8.3	—4.8	102,585,798	129,973,554	6.9	26.7
Kansas.....	99,980	140,992	.5	41.0	2,153,886	5,882,265	.3	173.1
Louisiana.....	447,095	598,056	2.3	33.8	11,565,513	21,857,050	1.2	89.0
Montana.....	1,711,409	1,809,908	6.9	5.8	67,352,505	82,000,490	4.3	21.7
Nebraska.....	610,379	887,505	3.4	45.4	39,056,207	50,458,781	3.0	44.6
Nevada.....	739,863	722,896	2.8	—2.3	16,906,790	20,249,426	1.1	19.8
New Mexico.....	554,039	691,429	2.6	65.4	32,735,997	61,580,009	3.3	88.1
North Dakota.....	21,615	35,769	.1	24.8	1,755,489	2,957,703	.2	68.5
Oklahoma.....	4,180	44,189	.2	962.2	272,186	13,076,010	3.9	704.1
Oregon.....	1,049,176	1,338,226	5.1	27.6	50,901,251	74,360,976	3.9	45.9
South Dakota.....	60,198	84,356	.3	40.1	5,395,610	6,617,914	.7	22.7
Texas.....	1,045,224	3,148,115	12.0	201.2	66,441,376	144,545,556	7.7	117.6
Utah.....	1,176,110	1,166,659	4.4	—8	41,896,532	56,539,430	3.0	35.0
Washington.....	165,013	617,362	2.4	—4	56,415,196	178,476,464	9.5	216.4
Wyoming.....	1,456,498	1,475,069	5.6	—8	41,522,801	50,600,358	3.2	43.5

Source: Department of Commerce, Bureau of the Census; 1950 Census of Agriculture, preliminary report, *Irrigation of Agricultural Lands*.

No. 677.—IRRIGATION ENTERPRISES—AREA IRRIGATED, 1929 AND 1939, AND CAPITAL INVESTED, 1930 AND 1940, BY PRINCIPAL DRAINAGE BASINS

[Data are for 17 Western States and Arkansas and Louisiana. Minus sign (—) denotes decrease]

PRINCIPAL DRAINAGE BASIN	AREA IRRIGATED				CAPITAL INVESTED			
	1929	1939		In-crease 1929-39	1930	1940		In-crease 1930-40
		Total	Proportion of total			Total	Proportion of total	
	<i>Acres</i>	<i>Acres</i>	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Percent</i>	<i>Percent</i>
Total for 19 States	19,547,544	21,003,739	100.0	7.4	892,755,790	1,052,049,201	100.0	17.8
Red River (of the North).....	2,099	4,493	(¹)	114.1	20,925	130,566	(¹)	524.0
Missouri River.....	4,185,180	4,410,385	21.0	5.4	136,506,721	179,750,238	17.1	31.7
Mississippi River, exclusive of Missouri River.....	902,560	927,594	4.4	2.8	31,831,673	37,101,932	3.5	16.6
Gulf of Mexico streams other than Mississippi River and Rio Grande.....	662,958	902,392	4.3	36.1	28,578,193	30,498,361	2.9	6.7
Rio Grande.....	1,564,725	1,521,578	7.2	—2.8	53,748,608	80,563,998	7.7	49.9
Colorado River.....	2,537,124	2,638,120	12.6	4.0	132,350,247	155,800,882	14.8	17.7
Whitewater Draw and Vamori Wash. ²	3,301	8,498	(¹)	157.4	230,606	226,627	(¹)	—1.7
Great Basin Drainage.....	2,036,033	2,073,727	9.9	1.9	67,579,074	59,698,865	5.7	—11.7
Columbia River.....	3,393,640	3,819,738	18.2	12.6	157,355,114	206,523,302	19.6	31.2
Klamath River.....	187,991	271,038	1.3	44.2	9,430,566	10,430,941	1.0	10.6
Sacramento-San Joaquin Delta and tributary streams.....	3,157,132	3,393,882	16.2	7.5	164,628,093	171,004,939	16.3	3.9
Pacific Ocean streams, other than Colorado, Columbia, and Klamath Rivers and Sacra- mento-San Joaquin Delta and tributary streams.....	914,801	1,032,294	4.9	12.8	110,495,970	120,318,550	11.4	8.9

¹ Less than 1/10 of 1 percent.

² Data for 1930 census are for Whitewater Draw and unidentified tributaries, and exclude the independent basin, Vamori Wash.

Source: Department of Commerce, Bureau of the Census; *Sixteenth Census Reports, Irrigation of Agricultural Lands*.

NO. 678.—IRRIGATION ENTERPRISES—DAMS, RESERVOIRS, CANALS, PIPE LINES, AND WELLS, BY STATES: 1950

[Data are for the 17 Western States and Arkansas, Florida and Louisiana. Data are preliminary]

STATE	Diver- sion dams	Reser- voirs	RESERVOIRS WITH CAPACITY REPORTED		Canals	Pipe lines	WELLS	
			Reser- voirs	Total capacity			Flow- ing	Pumped
	Num- ber 50,101	Num- ber 7,738	Num- ber 6,998	Acre-feet 42,548,583	Miles 137,147	Miles 15,402	Num- ber 10,978	Number 130,713
Total (20 States).....								
Arizona.....	562	269	237	3,625,629	4,898	316	245	4,361
Arkansas.....	108	86	74	40,431	684	19	27	3,662
California.....	4,706	1,687	1,507	8,711,658	20,188	10,091	572	72,163
Colorado.....	7,713	1,182	1,105	2,021,343	18,833	251	1,451	4,988
Florida.....	355	180	168	3,343	692	485	4,181	3,381
Idaho.....	5,108	366	313	5,124,969	15,321	437	490	887
Kansas.....	127	52	42	25,505	546	14	12	1,340
Louisiana.....	319	61	56	31,249	3,675	61	844	7,590
Montana.....	8,134	629	577	1,598,898	15,498	109	100	142
Nebraska.....	488	117	96	133,934	4,628	90	100	7,176
Nevada.....	4,046	202	176	687,179	3,390	124	293	254
New Mexico.....	1,286	476	448	3,186,401	5,769	167	106	3,832
North Dakota.....	15	11	6	1,101	92	7	-----	4
Oklahoma.....	20	29	27	148,945	355	20	-----	160
Oregon.....	6,218	528	470	2,369,138	8,395	573	148	2,770
South Dakota.....	281	100	94	204,693	968	7	14	27
Texas.....	439	570	508	1,402,689	9,892	758	163	15,065
Utah.....	3,080	511	474	2,424,093	9,622	299	1,920	565
Washington.....	1,859	224	205	6,436,541	3,977	1,515	87	2,098
Wyoming.....	5,237	458	415	4,370,844	9,724	59	225	248

Source: Department of Commerce, Bureau of the Census; 1950 Census of Agriculture, preliminary report, *Irrigation of Agricultural Lands*.

NO. 679.—IRRIGATION ENTERPRISES—DAMS, RESERVOIRS, CANALS, PIPE LINES, AND FLOWING WELLS, BY PRINCIPAL DRAINAGE BASINS: 1940

[Data are for the 17 Western States and Arkansas and Louisiana]

PRINCIPAL DRAINAGE BASIN,	DAMS		RESERVOIRS		CANALS		Pipe lines	WELLS FLOWING	
	Diver- sion	Stor- age	Total	Capacity	Length	Capa- city at main head- ing		Total	Yield
	Num- ber 34,544	Num- ber 4,607	Num- ber 7,709	Acre-feet 33,787,382	Miles 127,533.7	Sec- feet 612,021	Miles 28,584.9	Num- ber 4,641	Gals. per min. 555,073
Total for 19 States.....									
Red River (of the North).....	5	2	2	720	23.9	365	1.9	-----	-----
Missouri River.....	8,897	1,237	1,332	6,715,271	31,131.1	148,255	400.6	79	9,915
Mississippi River, exclusive of Mis- souri River.....	959	360	425	1,608,164	4,838.6	49,858	174.5	47	4,263
Gulf of Mexico streams other than Mississippi River and Rio Grande..	196	204	436	334,176	4,569.8	18,860	221.0	576	43,504
Rio Grande.....	1,450	162	567	3,864,857	8,702.9	43,851	774.3	1,136	240,308
Colorado River.....	4,391	840	1,030	5,717,080	20,894.1	81,033	910.0	463	48,584
Whitewater Draw and Vamori Wash.....	158	6	18	74	26.0	484	4.9	6	765
Great Basin Drainage.....	4,263	462	766	3,781,538	10,757.6	57,949	984.7	1,698	118,499
Columbia River.....	11,208	590	614	7,517,123	27,535.0	121,457	3,181.4	374	65,579
Klamath River.....	670	52	60	1,165,143	1,904.3	9,179	52.8	3	42
Sacramento-San Joaquin Delta and tributary streams.....	1,497	358	1,310	2,681,435	15,202.8	72,735	7,437.1	47	3,403
Pacific Ocean streams, other than the Colorado, Columbia, and Klamath Rivers and Sacramento- San Joaquin Delta and tributary streams.....	850	334	1,149	401,801	1,947.6	7,995	14,432.7	212	20,211

Source: Department of Commerce, Bureau of the Census; *Sixteenth Census Reports, Irrigation of Agricultural Lands*.

IRRIGATED FARM LAND

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No. 680.—IRRIGATED LAND IN FARMS, BY STATES: 1939, 1944 AND 1949

[In 1940, the schedule called for land from which irrigated crops were harvested in 1939, and for land irrigated in 1939 and used for grazing or pasture; in 1945 and 1950, for total land in farms irrigated in 1944 and 1949. 1950 data are preliminary]

DIVISION AND STATE	FARMS REPORTING			ACRES IRRIGATED			BY SPRINKLER, 1949	
	1939	1944	1949	1939	1944	1949	Farms report- ing	Acres irri- gated
United States.....	299,604	288,195	305,060	17,982,830	20,539,470	25,775,845	25,049	639,987
The North.....	13,656	12,448	18,348	667,820	861,979	1,258,321	5,272	110,320
The South.....	32,639	29,008	30,086	1,601,384	2,372,296	4,550,831	3,098	137,894
The West.....	253,309	246,739	247,626	15,713,626	17,305,195	19,966,693	16,679	391,773
New England.....	338	922	1,581	2,846	12,153	31,450	933	18,783
Maine.....	33	3	123	143	100	2,299	111	2,131
New Hampshire.....	7	10	51	25	63	622	38	556
Vermont.....		2	22		6	303	14	259
Massachusetts.....	231	874	1,053	2,049	11,355	18,507	483	6,706
Rhode Island.....	10	9	52	109	133	1,631	42	1,462
Connecticut.....	57	24	280	520	496	8,088	245	7,669
Middle Atlantic.....	1,446	1,415	2,208	17,260	30,792	54,616	1,783	42,030
New York.....	567	646	888	5,948	10,316	19,248	732	16,361
New Jersey.....	580	675	1,033	7,956	11,712	28,117	811	19,058
Pennsylvania.....	299	94	287	3,356	8,764	7,251	240	6,611
East North Central.....	1,491	1,206	2,110	10,833	12,795	36,237	1,883	31,205
Ohio.....	658	463	458	4,536	4,178	5,706	431	5,134
Indiana.....	136	123	164	685	830	5,339	160	5,285
Illinois.....	72	47	139	307	368	1,510	119	1,400
Michigan.....	462	347	995	2,860	2,850	13,901	898	11,894
Wisconsin.....	163	226	354	2,345	4,569	9,781	275	7,492
West North Central.....	10,331	8,905	12,449	636,881	806,239	1,136,018	673	18,302
Minnesota.....	216	27	274	2,968	210	4,235	248	4,097
Iowa.....	88	54	76	2,258	1,197	1,880	54	1,149
Missouri.....	140	118	142	960	1,113	2,089	121	931
North Dakota.....	479	206	304	19,975	22,814	35,294	9	318
South Dakota.....	967	708	807	54,073	52,895	78,069	12	391
Nebraska.....	6,913	7,156	9,680	473,775	631,762	876,259	153	8,295
Kansas.....	1,578	636	1,166	82,872	96,248	138,086	76	3,121
South Atlantic.....	4,119	4,199	6,516	128,037	224,446	381,044	2,410	89,777
Delaware.....	2	3	10	7	22	404	10	404
Maryland.....	17	8	30	67	287	697	20	568
District of Columbia.....		16	2		45	13	2	13
Virginia.....	53	31	71	687	1,419	2,817	64	2,762
West Virginia.....	23	11	9	270	42	40	3	14
North Carolina.....	37	19	96	246	229	2,083	82	1,883
South Carolina.....	14	5	84	411	62	6,408	53	1,793
Georgia.....	26	14	139	158	423	3,161	92	2,249
Florida.....	3,947	4,092	6,075	126,191	221,917	365,421	2,084	80,091
East South Central.....	111	211	180	891	1,113	6,950	121	1,794
Kentucky.....	46	34	67	205	230	485	48	346
Tennessee.....	21	21	35	311	393	1,012	29	971
Alabama.....	37	153	34	281	487	367	31	300
Mississippi.....	7	3	44	94	3	5,086	13	177
West South Central.....	28,409	24,598	32,390	1,472,456	2,146,737	4,162,837	567	46,323
Arkansas.....	1,529	2,229	3,060	159,412	288,665	422,107	40	1,676
Louisiana.....	7,037	7,185	7,437	413,969	535,619	576,775	36	1,067
Oklahoma.....		275	466	4,437	2,237	34,071	76	2,072
Texas.....	19,568	15,110	21,427	894,638	1,320,216	3,129,884	415	41,508
Mountain.....	135,414	127,963	122,280	9,912,862	10,703,164	11,642,524	976	43,324
Montana.....	15,087	12,997	13,457	1,587,602	1,555,480	1,716,792	250	15,520
Idaho.....	29,898	28,571	29,413	1,895,048	2,026,280	2,137,237	344	9,995
Wyoming.....	8,637	7,793	7,831	1,284,027	1,353,873	1,431,767	14	581
Colorado.....	29,766	28,054	27,121	2,467,548	2,698,579	2,872,388	183	8,194
New Mexico.....	15,811	14,299	12,691	436,402	534,640	655,287	53	1,822
Arizona.....	10,339	9,634	7,822	575,464	736,027	963,560	41	4,011
Utah.....	22,612	23,543	21,126	911,135	1,124,081	1,137,995	48	1,706
Nevada.....	3,264	3,072	2,819	755,636	674,204	727,498	33	1,435
Pacific.....	117,895	118,776	125,346	5,800,764	6,602,031	8,324,169	15,703	348,449
Washington.....	17,426	15,974	16,928	493,982	520,153	589,035	3,411	67,852
Oregon.....	16,159	15,597	17,663	1,030,228	1,129,059	1,306,810	4,140	98,769
California.....	84,310	87,205	90,755	4,276,554	4,952,819	6,428,324	8,152	181,828

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, special release on irrigated land in farms, and preliminary data from 1950 Census of Agriculture.

No. 681.—NUMBER OF DRAINAGE ENTERPRISES, LAND IN ENTERPRISES, AND FINANCIAL DATA, BY STATES: 1920 TO 1950

[1950 data are preliminary]

STATE	Approximate land area in 1950 (acres)	NUMBER OF DRAINAGE ENTERPRISES ¹		LAND IN DRAINAGE ENTERPRISES, TOTAL ACRES (NET) ¹				FUNDS COLLECTED JAN. 1, 1940 TO DEC. 31, 1949 ²	
		1940	1950	1920	1930	1940	1950	Number of enterprises reporting	Amount (\$1,000)
Total 40 States	1,819,883,520	(3)	(3)	65,495,038	84,408,093	86,967,039	102,672,507	(3)	209,919
Total 30 States ⁴	1,481,769,600	9,336	13,846	22,281,273	36,687,719	39,872,238	50,648,852	3,471	144,416
Alabama.....	32,689,920	1	10	—	—	28,045	76,671	7	72
Arizona.....	72,688,000	21	25	39,640	318,931	298,633	197,268	2	22
Arkansas.....	33,712,000	346	848	3,479,591	4,631,155	4,592,738	4,701,341	129	10,213
California.....	100,313,600	1,056	2,070	1,103,319	2,233,714	2,667,194	2,553,459	152	25,129
Colorado.....	66,510,080	294	638	171,656	366,719	468,322	624,252	47	1,196
Florida.....	34,727,680	948	1,890	1,637,073	5,954,934	5,699,022	6,075,530	217	25,500
Georgia.....	37,429,120	52	55	65,452	84,255	84,374	96,250	22	132
Idaho.....	52,972,160	250	380	64,642	375,464	659,136	435,887	44	1,698
Illinois.....	35,798,400	1,695	1,433	3,909,049	5,032,082	5,091,364	5,370,825	872	17,869
Kansas.....	52,549,120	132	422	93,856	257,169	253,113	356,993	60	1,040
Louisiana.....	28,903,680	1,128	714	2,266,328	3,655,483	4,219,624	12,161,940	408	15,072
Maryland.....	6,327,680	126	93	—	—	183,337	323,815	30	139
Mississippi.....	30,348,800	273	441	1,601,444	2,988,496	2,890,618	3,023,744	367	9,218
Missouri.....	44,394,640	286	318	2,596,204	3,150,022	3,087,093	3,147,484	223	14,046
Montana.....	93,361,920	239	407	168,682	107,629	372,601	201,225	25	482
Nebraska.....	49,064,320	195	475	607,730	879,459	916,181	821,097	77	1,924
Nevada.....	70,264,960	44	85	15,940	102,980	153,373	251,154	5	194
New Jersey.....	4,814,080	—	5	—	—	—	11,206	5	30
New Mexico.....	77,767,040	169	224	140,219	176,292	305,885	245,121	5	393
New York.....	30,684,160	—	14	—	—	—	50,405	13	480
North Carolina.....	31,422,080	246	413	542,828	679,236	825,576	1,128,509	251	1,416
Oregon.....	61,641,000	338	1,095	4,000	211,182	348,825	418,373	50	1,983
South Carolina.....	19,580,160	24	45	140,031	208,249	204,366	249,011	37	383
Tennessee.....	26,855,040	155	151	363,071	593,566	601,592	615,838	48	437
Texas.....	168,648,320	180	467	2,166,128	2,883,356	4,218,850	5,794,786	96	11,688
Utah.....	52,701,440	240	471	113,823	156,052	202,058	303,052	29	919
Virginia.....	25,531,520	2	30	—	15,042	15,714	45,400	28	111
Washington.....	42,743,040	375	531	94,924	367,242	405,709	431,291	120	1,416
Wisconsin.....	35,011,200	396	206	794,569	892,713	761,203	514,700	83	605
Wyoming.....	62,403,840	175	196	95,474	245,703	312,662	325,596	19	582
Total 10 States ⁴	338,113,920	(3)	(3)	43,213,765	47,720,374	47,094,801	52,023,655	(3)	65,504
Delaware.....	1,265,920	(3)	(3)	—	—	395,014	352,547	—	120
Indiana.....	23,171,200	(3)	(3)	9,087,183	10,214,014	10,121,952	11,017,709	(3)	6,733
Iowa.....	35,830,400	(3)	(3)	5,224,478	6,137,649	6,164,344	6,734,863	(3)	13,704
Kentucky.....	25,669,760	(3)	(3)	358,480	585,625	465,270	959,892	(3)	802
Michigan.....	36,494,080	(3)	(3)	9,729,171	9,180,851	8,978,386	10,194,439	(3)	21,325
Minnesota.....	51,205,760	(3)	(3)	9,232,709	11,474,683	10,990,409	11,269,962	(3)	15,992
North Dakota.....	44,834,560	(3)	(3)	1,240,328	1,094,142	1,376,041	1,565,055	(3)	994
Ohio.....	26,818,080	(3)	(3)	8,107,204	8,165,494	7,729,267	8,923,362	(3)	5,117
Oklahoma.....	44,341,120	(3)	(3)	12,150	170,153	197,646	298,853	(3)	276
South Dakota.....	48,983,040	(3)	(3)	222,062	697,758	676,472	706,973	(3)	471

See footnotes at end of table.

No. 681.—NUMBER OF DRAINAGE ENTERPRISES, LAND IN ENTERPRISES, AND FINANCIAL DATA, BY STATES: 1920 TO 1950—Continued

STATE	CAPITAL INVESTED PRIOR TO DATE OF CENSUS (\$1,000)			COST OF CONSTRUCTION AND OPERATION AND MAINTENANCE, JAN. 1, 1940, TO DEC. 31, 1949 ¹				OUTSTANDING INDEBTEDNESS DEC. 31 OF YEAR PRECEDING CENSUS ²			
	1920	1930	1940	Total		Cost of new works (for lands not previously drained)		1940		1950	
				Number of enterprises reporting	Amount (\$1,000)	Number of enterprises reporting	Amount (\$1,000)	Number of enterprises reporting	Amount (\$1,000)	Number of enterprises reporting	Amount (\$1,000)
Total 40 States	372,274	680,250	691,725	(³)	179,034	(³)	23,872	4,038	137,745	(³)	63,423
Total 30 States⁴	188,850	394,682	411,479	3,426	110,232	983	16,288	1,664	126,542	696	52,893
Alabama	414	1,875	410	8	70	7	59	1	41	1	8
Arizona	14,147	37,533	39,451	127	5,540	28	392	139	13,235	49	3,806
Arkansas	47,687	66,452	70,144	159	15,927	16	135	90	17,123	39	3,808
California	1,082	4,359	4,890	47	773	5	23	38	1,853	13	217
Colorado	13,847	45,488	43,357	207	18,603	63	2,707	94	32,296	51	12,760
Florida	795	1,019	2,065	22	132	22	107	52	410	14	332
Georgia	1,609	5,112	7,567	44	906	12	133	33	1,906	19	563
Idaho	43,595	74,566	72,567	892	16,860	103	1,217	158	6,974	80	2,859
Illinois	937	2,701	3,734	60	1,117	10	279	20	1,806	14	325
Kansas	9,022	20,753	23,362	392	16,652	142	5,316	140	10,798	80	8,685
Louisiana	7,076	23,601	23,260	345	5,703	156	441	233	6,688	92	3,052
Maryland	20,723	47,340	49,050	225	8,282	9	114	169	8,174	70	2,658
Mississippi	665	1,879	2,828	25	462	9	168	17	1,503	8	139
Missouri	4,589	6,847	7,579	75	1,533	27	758	36	1,279	6	204
Montana	118	1,350	1,338	5	194	2	62	5	649	1	4
Nebraska	1,711	3,279	5,722	5	39	5	34	13	3,901	3	77
Nevada	12	177	7	12	177	7	75	13	3,901	3	77
New Jersey	3,624	4,719	5,468	250	1,439	158	738	33	687	8	151
New Mexico	200	4,166	5,482	50	2,176	17	477	30	1,782	19	841
New York	582	1,265	1,241	33	319	27	207	24	636	7	40
North Carolina	2,926	6,367	6,502	26	271	23	256	133	1,898	3	3
Oregon	5,701	12,003	14,047	89	9,534	32	1,822	64	4,574	24	10,872
South Carolina	1,005	4,772	4,869	30	837	13	29	18	2,769	4	31
Tennessee	242	201	201	28	111	27	96	2	129	—	—
Texas	1,397	4,638	5,333	131	1,541	24	204	54	490	44	195
Utah	4,163	6,207	4,255	92	611	15	296	39	392	16	85
Virginia	1,176	5,251	5,595	14	163	2	12	26	4,455	16	1,069
Washington	183,424	285,568	280,245	(³)	68,802	(³)	7,584	2,374	11,203	(³)	10,529
Wisconsin	31,148	54,111	47,540	(³)	8,206	(³)	786	266	429	(³)	221
Wyoming	49,627	77,479	75,374	(³)	13,303	(³)	2,143	277	1,287	(³)	2,499
Delaware	1,522	5,358	4,948	(³)	711	(³)	45	33	759	(³)	58
Indiana	24,684	37,677	40,412	(³)	20,236	(³)	2,556	673	810	(³)	2,477
Iowa	42,017	64,140	65,576	(³)	18,311	(³)	1,595	768	6,035	(³)	3,774
Kentucky	2,208	3,149	3,673	(³)	890	(³)	245	5	184	(³)	183
Michigan	30,680	36,836	35,216	(³)	6,189	(³)	148	313	303	(³)	399
Minnesota	76	2,284	1,971	(³)	299	(³)	62	13	262	(³)	197
Missouri	1,461	4,635	5,079	(³)	483	(³)	—	20	1,133	(³)	722
Nebraska	—	—	—	(³)	—	(³)	—	—	—	(³)	—
Nevada	—	—	—	(³)	—	(³)	—	—	—	(³)	—
New Jersey	—	—	—	(³)	—	(³)	—	—	—	(³)	—
New Mexico	—	—	—	(³)	—	(³)	—	—	—	(³)	—
New York	—	—	—	(³)	—	(³)	—	—	—	(³)	—
North Carolina	—	—	—	(³)	—	(³)	—	—	—	(³)	—
South Carolina	—	—	—	(³)	—	(³)	—	—	—	(³)	—
Tennessee	—	—	—	(³)	—	(³)	—	—	—	(³)	—
Texas	—	—	—	(³)	—	(³)	—	—	—	(³)	—
Utah	—	—	—	(³)	—	(³)	—	—	—	(³)	—
Virginia	—	—	—	(³)	—	(³)	—	—	—	(³)	—
Washington	—	—	—	(³)	—	(³)	—	—	—	(³)	—
Wisconsin	—	—	—	(³)	—	(³)	—	—	—	(³)	—
Wyoming	—	—	—	(³)	—	(³)	—	—	—	(³)	—

¹ Including irrigation enterprises having their own drainage.² Data for irrigation enterprises not included in 1950.³ Not available.⁴ Largely States with organized drainage districts and other corporate and private enterprises.⁵ Largely county-drain States. See text, p. 555.Source: Department of Commerce, Bureau of the Census; 1950 Census of Agriculture, preliminary report, *Drainage of Agricultural Lands*.

No. 682.—NUMBER AND AREA OF DRAINAGE ENTERPRISES CLASSIFIED BY SIZE: 1920 TO 1950

[1950 data are preliminary]

SIZE GROUP	Number of enterprises, 1950	AREA OF ENTERPRISES (ACRES) ¹													
		All drainage States			30 States ²										
		1920	1930	1940	1920	1930	1940	1950.							
Total	13, 846	95, 629, 291	128, 495, 078	132, 828, 451	23, 657, 216	41, 644, 155	45, 207, 287	54, 611, 368							
Under 100 acres.....	8, 053	{	1,152,025	{ 324, 157	525, 455	{ 12, 395	{ 2, 727	4, 383	{ 605, 333						
100 to 199 acres.....			1, 040, 664	1, 440, 870	19, 496										
200 to 499 acres.....			5, 984, 023	7, 093, 485	220, 974										
500 to 999 acres.....	1, 584	9, 091, 516	11, 130, 096	11, 234, 727	368, 736	910, 371	953, 935	1, 096, 249							
1,000 to 1,999 acres.....	1, 396	{	29,522,536	34, 074, 009	{14, 558, 019	{ 3, 183, 867	4, 998, 968	{1, 726, 342	1, 960, 005						
2,000 to 4,999 acres.....	1, 316		13, 357, 936	15, 865, 002	16, 387, 515		2, 820, 328	4, 484, 862	4, 542, 720	4, 538, 729					
5,000 to 9,999 acres.....	651		23,826,149	35, 075, 951	16, 964, 180		9, 423, 712	14, 768, 991	6, 041, 949	6, 033, 424					
10,000 to 19,999 acres.....	433	{	{	{	{	{	{	{	{						
20,000 to 49,999 acres.....	270														
50,000 to 99,999 acres.....	88									8, 605, 536	11, 403, 982	10, 760, 472	4, 880, 449	6, 816, 045	6, 125, 174
100,000 to 199,999 acres.....	24	{	{	{	{	{	{	{	{						
200,000 to 499,999 acres.....	19									4, 850, 978	10, 218, 995	5, 925, 431	2, 868, 617	3, 794, 141	3, 304, 555
500,000 acres and over.....	12									3, 878, 199	4, 123, 882	3, 155, 493	10,014,219	2, 954, 853	6, 575, 535

¹ The sum of the areas in the individual enterprises without deduction for area in more than one enterprise (overlapped).

² Largely States with organized drainage districts and other corporate and private enterprises. See text, p. 555.

Source: Department of Commerce, Bureau of the Census; 1950 Census of Agriculture, preliminary report, *Drainage of Agricultural Lands*.

No. 683.—FEDERAL RECLAMATION IRRIGATION PROJECTS—ACREAGE AND CROP VALUE: 1939 TO 1950

[Acreage in thousands and value in thousands of dollars. Includes projects constructed by United States and those for which supplemental water is furnished from storage works built by United States. Net area in cultivation and value exclude data for lands on Government projects cropped without irrigation]

YEAR	ENTIRE AREA				WARREN ACT LAND ¹			REGULAR AND SUPPLEMENTAL WATER PROJECTS			
	Irrigable acreage	Irrigated acreage	Net area in cultivation	Crop value	Irrigable acreage	Net area in cultivation	Crop value	Irrigable acreage	Irrigated acreage	Net area in cultivation	Crop value
1939.....	3, 890	3, 141	3, 078	114, 083	1, 218	1, 175	40, 313	2, 493	1, 923	1, 903	73, 770
1940.....	4, 180	3, 391	3, 316	117, 789	1, 238	1, 177	37, 690	2, 709	2, 153	2, 139	80, 098
1941.....	4, 946	3, 339	3, 380	159, 886	1, 140	1, 202	49, 486	2, 850	2, 199	2, 178	110, 400
1942.....	4, 849	3, 881	3, 822	272, 049	1, 603	1, 562	116, 429	3, 392	2, 278	2, 260	155, 620
1943.....	4, 854	4, 055	4, 014	388, 671	1, 633	1, 615	170, 607	2, 882	2, 422	2, 399	218, 064
1944.....	4, 940	4, 164	4, 139	411, 226	1, 695	1, 664	186, 543	2, 916	2, 469	2, 475	224, 683
1945.....	5, 030	4, 163	4, 196	435, 184	1, 746	1, 731	202, 639	2, 958	2, 417	2, 465	232, 545
1946.....	5, 151	4, 322	4, 397	530, 624	1, 808	1, 830	250, 913	3, 038	2, 514	2, 567	279, 711
1947.....	5, 167	4, 462	4, 554	555, 420	1, 832	1, 871	254, 946	3, 092	2, 630	2, 683	300, 475
1948.....	5, 380	4, 559	4, 700	534, 624	1, 894	1, 939	257, 463	3, 221	2, 665	2, 760	277, 161
1949.....	5, 679	4, 821	4, 916	516, 329	2, 028	2, 067	238, 981	3, 296	2, 792	2, 849	277, 348
1950.....	6, 025	5, 077	5, 189	578, 238	2, 220	2, 271	290, 554	3, 398	2, 857	2, 918	287, 684

¹ Warren Act contracts are those which provide for sale of excess water to irrigation districts, i. e., water over and above project requirements. Lands served are usually located outside project proper. The act also provides for joint construction and financing of irrigation works by Federal Government and irrigation districts.

Source: Department of the Interior, Bureau of Reclamation; *Annual Report of Secretary* and official records.

No. 684.—FEDERAL RECLAMATION IRRIGATION PROJECTS—CHARGES AND RENTALS,
BY PROJECT, TO JUNE 30, 1951

[In thousands of dollars. Cumulative from inception of program; data by project for current fiscal year only]

STATE AND PROJECT	CONSTRUCTION WATER-RIGHT CHARGES ¹			OPERATION AND MAINTENANCE CHARGES			RENTALS OF IRRIGATION WATER		
	Amount due	Amount repaid ²	Due and unpaid	Amount due	Amount repaid	Due and unpaid	Amount due	Amount repaid	Due and unpaid
Total	94,426	93,095	1,331	56,283	56,122	161	22,203	22,109	94
Arizona: Gila							76	64	12
Salt River	133	133							
Arizona-California:									
Yuma and Yuma Auxiliary	101	113	3	150	135	15	4	4	
California: Central Valley							804	804	
Orland	54	56	7	93	90	3	1	1	
Colorado:									
Colorado-Big Thompson							(?)	(?)	
Fruitgrowers Dam	3	3							
Grand Valley	65	71					23	23	
Manitou				6	6				
Pine River	23	19	34	5	5				
Uncompahgre	30	30					1	(?)	(?)
Idaho: Boise	876	830	79	37	37	(?)	140	73	73
Boise Anderson Ranch	32	32	(?)						
Minidoka	389	308	21	128	128		58	58	
Rathdrum Prairie-Post Falls	5	5		3	3				
Montana: Bitter Root	18	18							
Frenchtown	5	5	5						
Hunley	35	35							
Milk River	148	87	319	81	81	(?)			
Missoula Valley				2	2				
Missouri River Basin				6	3	3			
Sun River	99	99		8	8				
Montana-North Dakota:									
Lower Yellowstone	85	85							
Nebraska: Miraga Flats							1		
Missouri River Basin							13	13	
Nebraska-Wyoming:									
North Platte	519	475	153	79	79	(?)			
Nevada: Humboldt	34	34							
Newlands	86	86	(?)						
Truckee Storage	25	25							
New Mexico: Carlsbad	64	64		13	13				
Tucumcari							103	103	
New Mexico-Texas:									
Rio Grande	223	223		900	900				
Oklahoma: W. C. Austin	72	60	12	87	87				
Oregon: Baker	6	6							
Burnt River	22	15	7						
Deschutes	13	13					194	194	
Umatilla	32	7	461				12	12	
Vale	74	74		6	6				
Oregon-California:									
Klamath	131	127	8	315	312	3	210	203	7
Oregon-Idaho: Owyhee	420	218	210	561	424	137			
South Dakota:									
Belle Fourche	72	72		4	4				
Rapid Valley	25	25		5	5				
Texas: Balmorhea	3	3		6	6				
Utah: Hyrum	13	16							
Moon Lake	40	40							
Newton	9	9							
Ogden River	64	74							
Provo River				9	9		50	50	
Salt River Basin	88	88							
Sanpete	9	11							
Scofield	5	5							
Strawberry Valley	68	68							
Washington:									
Columbia Basin							15	15	
Okanogan	13	10	6						
Yakima	375	379	2	338	338	(?)			
Wyoming: Kendrick							14	14	
Riverton	80	80					30	29	
Shoshone	129	128	(?)	2	2		43	43	(?)
Total, prior years	80,611	88,685	(4)	53,439	53,439		20,345	20,345	

¹ Construction water-right charges equal amount for amortization of allocated construction charges.

² Includes charges maturing in prior years, but paid during fiscal year 1951.

³ Less than \$500.

⁴ Charges due and unpaid on June 30, 1950 (\$926,000) included with current fiscal year data distributed by project.

Source: Department of the Interior, Bureau of Reclamation; official records.

No. 685.—FEDERAL RECLAMATION IRRIGATION PROJECTS—ACREAGE AND CROP VALUE,
BY PROJECT: 1950

STATE AND PROJECT	PROJECTS ENTIRELY CON- STRUCTED BY BUREAU			PROJECTS FURNISHED SUPPLEMENTAL WATER FROM WORKS CON- STRUCTED BY BUREAU			ALL SPECIAL AND WARREN ACT CONTRACTORS RE- CEIVING WATER FROM BUREAU WORKS		
	Irrig- able acreage	Acreage in cul- tivation	Crop value (1,000)	Irrig- able acreage	Acreage in cul- tivation	Crop value (1,000)	Irrig- able acreage	Acreage in cul- tivation	Crop value (1,000)
Total	2,753,288	2,275,696	\$250,289	603,755	536,426	\$31,649	2,626,342	2,271,358	\$290,554
Arizona: Gila.....	27,538	12,804	1,371						
Salt River.....	239,802	225,152	36,999				1,056	1,041	126
Arizona-California: Yuma.....	71,159	58,040	11,347				96,651	84,802	23,701
California:									
All-American Canal; Imperial I. D. Coachella Division ²	48,000	31,000	13,438				517,000	440,000	56,931
Central Valley.....							697,569	504,962	108,014
Orland.....	19,307	17,075	1,793						
Colorado: Fruitgrowers Dam.....				2,662	2,177	251			
Grand Valley ³	40,471	29,462	3,010				7,950	7,649	1,450
Maneas ⁴				7,872	6,970	280			
Pine River.....				33,715	31,679	781	614	610	9
Uncompahgre.....	70,828	58,244	8,301				15,488	15,183	423
Idaho: Boise.....	223,480	189,744	14,710				125,803	116,900	11,035
Lewiston Orchards ⁵	3,508	2,770	657						
Minidoka.....	218,795	193,630	13,089	112,000	107,660	5,852	707,870	685,876	44,960
Preston Bench ⁵				4,324	4,150	303			
Rathdrum Prairie; Hayden Lake ⁵				1,087	514	31			
Post Falls ^{4,5}	3,109	2,108	132						
Montana: Bitter Root ⁵	16,665	16,492	548						
Buffalo Rapids ⁴	24,620	21,345	1,069						
Dodson Pumping Unit ⁴	1,173	1,173	64						
Frenchtown.....	4,935	3,510	139						
Huntley.....	32,508	16,774	1,136						
Intake ⁴	881	435	24						
Milk River.....	123,379	61,971	3,271						
Missoula Valley ⁴				977	636	17			
Missouri River Basin; Yellowstone Div. Sav- age Unit.....	2,216	2,016	50						
Sun River.....	97,248	85,953	2,143						
Montana-North Dakota:									
Lower Yellowstone.....	57,200	49,114	2,776						
Nebraska: Mirage Flats ⁴	11,598	11,092	676						
Nebr.-Wyo.: N. Platte.....	235,872	180,945	10,184				139,864	133,904	8,463
Nevada: Humboldt.....				40,012	25,414	1,575			
Newlands.....	69,781	52,376	2,054						
Truckee Storage.....				28,793	23,213	1,564			
New Mexico: Carlsbad.....	25,055	19,007	3,282						
Tucumcari.....	42,321	31,563	1,110						
N. Mex.-Tex.: Rio Grande.....	155,000	149,112	42,805				17,970	17,382	5,081
N. Dak.: Buford Trenton ⁴	7,915	7,625	373						
Oklahoma: W. C. Austin.....	47,810	46,856	3,461						
Oregon: Baker.....				7,312	7,255	212			
Burnt River.....				15,291	15,260	457			
Deschutes.....	50,000	46,523	5,224	46,713	42,784	3,925			
Umatilla.....	18,531	12,066	459	14,030	10,179	669	1,057	906	66
Vale.....	32,000	31,150	1,840						
Oregon-California: Klamath.....	85,429	74,654	8,701				86,694	79,974	6,082
Oregon-Idaho: Owyhee.....	105,154	96,936	9,597				13,800	13,110	1,969
S. Dak.: Belle Fourche.....	59,129	54,493	1,982						
Rapid Valley ⁴				8,916	8,406	202			
Texas: Balmorhea ⁴				10,191	6,938	1,090			
Utah: Hyrum.....				6,460	5,760	341			
Moon Lake.....				72,608	60,044	1,298			
Newton ⁴				2,225	1,884	125			
Ogden River.....				22,841	15,929	1,253			
Provo River.....				46,009	42,158	2,895			
Sanpete.....				12,717	11,546	319			
Scotfield ⁴				15,609	15,009	818			
Strawberry Valley.....	41,340	38,132	2,356				3,837	3,782	236
Weber River.....				90,791	90,861	7,391			
Wash.: Columbia Basin.....	7,025	4,353	527						
Okanogan.....	5,342	3,955	1,172						
Yakima.....	261,962	211,772	37,986				191,573	163,633	26,936
Wyoming: Kendrick.....	11,633	6,772	135						
Riverton.....	54,864	47,065	2,015				2,046	1,994	72
Shoshone.....	98,405	71,437	3,283						

¹ In addition, the Bureau is prepared to supply water to 41,125 acres for which no crop details were reported. Excludes 105,983 acres of temporarily suspended, other leased and water rental lands (crop value \$5,744,967).

² Includes 16,306 acres irrigated from privately constructed facilities.

³ Orchard Mesa Irrigation District is a private project reconstructed with Government funds.

⁴ Water conservation and utilization project. ⁵ Private project reconstructed with Government funds.

Source: Department of the Interior, Bureau of Reclamation; 1950 Crop Summary and Related Data, Federal Reclamation Projects.

No. 686.—HYDROELECTRIC PLANTS ON RECLAMATION PROJECTS, OPERATING AND UNDER CONSTRUCTION, AS OF DECEMBER 31, 1951

STATE AND PROJECT	Plant	Year of initial operation	Present name-plate capacity (kw.)	Ultimate name-plate capacity (kw.)
Total			4,237,027	17,648,477
Constructed by Bureau of Reclamation:				
Operated by Bureau, total.....			4,048,700	4,359,700
Arizona-Nevada: Boulder Canyon.....	Hoover ²	1936	1,034,800	1,332,300
Davis Dam.....	Davis.....	1951	225,000	225,000
Arizona-California: Parker.....	Parker.....	1942	120,000	120,000
California: Central Valley.....	Keswick.....	1949	75,000	75,000
Yuma.....	Shasta.....	1944	379,000	379,000
Colorado: Colorado-Big Thompson.....	Siphon Drop.....	1926	1,600	1,600
Green Mountain.....	Estes.....	1950	45,000	45,000
Marys Lake.....	Green Mountain.....	1943	21,600	21,600
Idaho: Boise.....	Anderson Ranch.....	1951	8,100	8,100
Black Canyon.....	Black Canyon.....	1925	8,000	8,000
Boise Diversion.....	Boise Diversion.....	1912	1,500	1,500
Minidoka.....	Minidoka.....	1909	13,400	13,400
New Mexico: Rio Grande.....	Elephant Butte.....	1940	24,300	24,300
South Dakota: Missouri River Basin.....	Angostura.....	1951	1,200	1,200
Washington: Columbia Basin.....	Grand Coulee ⁴	1941	1,974,000	1,974,000
Yakima.....	Prosser ⁵	1932	2,400	2,400
Wyoming: North Platte.....	Guernsey.....	1927	4,800	4,800
Lingle.....	Lingle.....	1919	1,400	1,400
Kendrick.....	Seminole.....	1939	32,400	32,400
Missouri River Basin.....	Kortes.....	1950	36,000	36,000
Riverton.....	Pilot Butte.....	1925	1,600	1,600
Shoshone.....	Heart Mountain.....	1948	5,000	5,000
Shoshone.....	Shoshone.....	1922	5,600	5,600
Operated by others, total.....			30,827	30,827
Arizona: Salt River.....	Arizona Falls ⁶	1913	850	850
Cross Cut ⁶	Cross Cut ⁶	1914	5,100	5,100
Roosevelt.....	Roosevelt.....	1909	15,400	15,400
S. Consolidated ⁶	S. Consolidated ⁶	1912	1,600	1,600
Colorado: Grand Valley.....	Palisades.....	1932	3,000	3,000
Nevada: Newlands.....	Lahontan.....	1911	1,640	1,640
Oregon: Deschutes.....	Cove ⁷	1946	1,500	1,500
Utah: Strawberry Valley.....	Spanish Fork ⁸	1908	1,550	1,550
Washington: Yakima.....	Rocky Ford.....	1916	187	187
Constructed and operated by water users organizations, total.....			72,500	77,300
Arizona: Salt River.....	Chandler ⁹	1919	800	600
Horse Mesa ⁹	Horse Mesa ⁹	1927	30,000	30,000
Mormon Flat ⁹	Mormon Flat ⁹	1926	7,000	7,000
Stewart Mountain ⁹	Stewart Mountain ⁹	1930	10,400	10,400
California: All-American.....	Drop No. 3 ¹⁰	1941	4,800	9,600
Drop No. 4 ¹⁰	Drop No. 4 ¹⁰	1941	19,200	19,200
"O" Canal Drop ¹¹	"O" Canal Drop ¹¹	1938	500	500
Oregon: Klamath.....			85,000	185,000
Constructed and operated by Army Engineers, total ¹²			85,000	185,000
Montana: Fort Peck.....	Fort Peck.....	1943		807,750
Under construction by Bureau of Reclamation, total.....				30,000
Alaska: Eklutna.....	Eklutna.....	1954		162,000
California: Central Valley.....	Folsom.....	1954		13,500
Nimbus.....	Nimbus.....	1954		89,000
Colorado: Colorado-Big Thompson.....	Flatiron.....	1953		33,250
Polehill.....	Polehill.....	1953		114,000
Idaho: Palisades.....	Palisades.....	1957		50,000
Montana: Missouri River Basin.....	Canyon Ferry.....	1953		285,000
Hungry Horse.....	Hungry Horse.....	1952		36,000
Wyoming: Kendrick.....	Alcova.....	1954		15,000
Missouri River Basin.....	Boysen.....	1952		1,245,000
Under construction by Army Engineers, total ¹²				400,000
North Dakota: Missouri River Basin.....	Garrison.....	1955		320,000
South Dakota: Missouri River Basin.....	Ft. Randall.....	1953		100,000
Gavins Point.....	Gavins Point.....	1956		425,000
Oahe.....	Oahe.....			

¹ Includes 942,900 kilowatt capacity of 24 additional plants authorized but not under construction.

² Power plant units operated by power allottees under agency contract. ³ Only 27,000 kilowatts authorized.

⁴ Power marketed by Bonneville Power Adm. Continuous operating capacity 12,000 kilowatts additional.

⁵ Prosser will be removed when Chandler is constructed.

⁶ Power plant constructed by Bureau of Reclamation with Salt River Valley Water Users' Association funds.

⁷ Unit No. 3 installed in Pacific Power and Light Company's Cove No. 2 plant.

⁸ Three plants: (a) Spanish Fork (upper), (b) Spanish Fork (lower), (c) Payson.

⁹ Salt Water Valley Water Users, Association's plant. ¹⁰ Imperial Irrigation District's plant.

¹¹ Enterprise Irrigation District's plant. ¹² Power marketed by Bureau of Reclamation.

Source: Department of the Interior, Bureau of Reclamation; official records.

No. 687.—GROWTH OF CONSERVATION DISTRICTS, BY FISCAL YEARS, TO JUNE 30, 1951

[Basic soil conservation district legislation has now been enacted in all of the 48 States and 4 of the Territories and possessions. Each of these laws contains an effective date after which soil conservation districts could be organized by local farmers and operators. A soil conservation district is a political subdivision of State which is determined by petition and referendum of farmers residing in area, and approved by State Soil Conservation Committee. Districts, in most cases, have authority to solicit Federal, State, county, and private assistance in carrying on their soil and water conservation program within the area. On request of local governing body of each soil conservation district, Department of Agriculture provides technical and other assistance to districts, through its several agencies. These memorandums of understanding form basis on which any departmental assistance is provided to district for use on farms and ranches within district. After basic memorandum with Department has been signed, Soil Conservation Service signs a supplemental memorandum with each district governing body requesting assistance, to cover activities which Soil Conservation Service will help district carry out.]

YEAR ENDING JUNE 30	DISTRICTS ORGANIZED		TOTAL AREA IN DISTRICTS		DISTRICTS WITH SUPPLEMENTAL MEMORANDUMS	
	Each year	Cumulative total	New districts and additions	Cumulative total	Each year	Cumulative total
	Number	Number	1,000 acres	1,000 acres	Number	Number
1938.....	69	69	36, 107	36, 107	34	34
1939.....	92	161	52, 339	88, 446	79	113
1940.....	153	314	101, 306	189, 752	120	233
1941 ¹	241	555	145, 091	334, 843	201	434
1942.....	230	785	122, 727	457, 570	219	653
1943.....	116	901	60, 102	517, 672	159	812
1944.....	213	1, 114	102, 819	620, 491	171	983
1945 ²	232	1, 346	120, 368	740, 859	221	1, 204
1946 ³	292	1, 638	143, 119	883, 977	223	1, 427
1947.....	251	1, 889	118, 991	1, 002, 969	315	1, 742
1948.....	144	2, 033	111, 035	1, 114, 003	174	1, 916
1949.....	131	2, 164	64, 760	1, 178, 763	158	2, 074
1950.....	121	2, 285	74, 721	1, 253, 484	133	2, 207
1951.....	88	2, 373	51, 626	1, 305, 110	122	2, 329

¹ Includes wind-erosion districts and grazing districts for 1941 and subsequent years.

² Totals at end of each year hereafter are net, including corrections and adjustments made during year.

³ Includes Imperial irrigation district, California.

Source: Department of Agriculture, Soil Conservation Service; *Report of Chief of Soil Conservation Service.*

No. 688.—CONSERVATION PRACTICES NEWLY APPLIED IN CONSERVATION DISTRICTS, WITH SOIL CONSERVATION SERVICE ASSISTANCE, FISCAL YEARS: 1948 TO 1951

[See headnote, table 687]

PRACTICES	Unit	1948	1949	1950	1951	Cumulative to June 30, 1951 ¹
Contour farming.....	Acres.....	3, 183, 501	3, 352, 922	3, 491, 511	3, 185, 039	25, 078, 134
Cover cropping.....	do.....	2, 572, 410	2, 614, 797	3, 111, 387	2, 809, 720	16, 122, 902
Stubble mulching.....	do.....	6, 302, 316	6, 611, 273	7, 140, 297	6, 893, 178	41, 780, 837
Strip cropping.....	do.....	747, 178	692, 995	829, 200	880, 383	6, 584, 604
Seeding range and pasture.....	do.....	1, 811, 417	1, 358, 856	1, 870, 832	2, 306, 365	9, 332, 913
Woodland management.....	do.....	2, 178, 428	3, 077, 106	3, 391, 551	3, 068, 859	16, 209, 929
Farm and ranch ponds.....	Number.....	30, 388	31, 206	37, 780	37, 843	215, 435
Tree planting ²	Acres.....	86, 643	107, 057	126, 784	107, 435	781, 255
Terraces.....	Miles.....	87, 263	96, 621	100, 612	78, 006	791, 551
Diversions.....	do.....	4, 883	5, 126	5, 892	5, 420	30, 991
Farm drainage.....	Acres.....	1, 089, 730	1, 103, 412	1, 161, 402	1, 173, 582	6, 237, 941
Irrigation land preparation.....	do.....	217, 673	254, 905	315, 519	384, 690	1, 537, 148
Improved water application.....	do.....	527, 638	562, 667	617, 606	616, 371	3, 419, 847
Combined treatment.....	do.....	21, 576, 654	22, 115, 560	26, 071, 342	25, 596, 642	140, 404, 405

¹ These data are for first-time application only and do not include duplication of acreage for reapplication or maintenance of those same practices year after year.

² Includes acreage of windbreak planting.

Source: Department of Agriculture, Soil Conservation Service; *Report of Chief of Soil Conservation Service.*

No. 689.—SOIL CONSERVATION DISTRICTS—SUMMARY, BY STATES: CUMULATIVE TO JUNE 30, 1951

[See headnote, table 687]

STATE OR OTHER AREA	Date district law became effective	Districts organized ¹	APPROXIMATE AREA AND FARMS WITHIN ORGANIZED DISTRICTS			Districts having memo. of understanding with D. A. ²	Active conservation plans ³			Treated area ⁴
			Total area	Farms and ranches	Land in farms		Number	1,000 acres	Number	
			Number	1,000 acres	Number	1,000 acres	Number	1,000 acres	Number	1,000 acres
			2,373	1,305,110	4,886,487	874,036	2,332	883,348	246,740	140,404
Total			2,338	1,297,617	4,826,611	871,353	2,300	877,072	246,212	140,196
Cont. U. S.										
Alabama	Mar. 18, 1939	12	32,690	223,369	19,068	12	42,114	6,963	4,596	
Arizona	June 16, 1941	47	1,276	8,047	1,276	47	3,142	760	371	
Arkansas	July 1, 1937	60	32,742	182,263	16,568	58	38,521	6,224	3,832	
California ⁴	June 26, 1938	70	13,821	56,637	9,688	67	12,844	2,351	1,235	
Colorado	May 6, 1937	94	33,647	38,908	22,113	93	8,322	8,575	5,269	
Connecticut	July 18, 1945	7	2,535	19,371	1,273	7	1,825	212	70	
Delaware	Apr. 2, 1943	3	1,266	9,296	923	3	918	159	73	
Florida	June 10, 1937	52	20,203	54,606	11,636	50	12,549	4,457	2,369	
Georgia	Mar. 23, 1937	25	36,522	220,130	23,298	25	64,109	12,584	8,141	
Idaho	Mar. 9, 1939	29	18,912	21,817	7,489	27	6,677	2,598	1,057	
Illinois	July 9, 1937	95	32,116	194,822	30,225	95	22,000	3,906	1,883	
Indiana	Mar. 11, 1937	52	12,866	95,531	10,936	50	10,746	1,562	881	
Iowa	July 4, 1939	99	34,170	207,191	34,170	99	25,000	4,570	2,370	
Kansas	Apr. 10, 1937	103	52,107	137,839	48,512	103	37,608	11,350	5,236	
Kentucky	June 11, 1940	111	22,535	210,092	17,874	110	32,322	4,078	2,793	
Louisiana	July 27, 1938	26	27,948	128,553	9,994	26	19,251	3,811	2,037	
Maine	Mar. 25, 1941	15	16,485	39,745	4,369	15	5,767	786	206	
Maryland	June 1, 1937	23	6,099	40,210	4,043	22	8,041	1,303	590	
Massachusetts	June 28, 1945	15	5,025	36,915	2,078	15	3,073	357	70	
Michigan	July 23, 1937	65	23,344	142,190	15,041	65	12,628	1,504	696	
Minnesota	Apr. 26, 1937	52	16,405	89,249	14,913	49	11,662	2,103	1,251	
Mississippi	Apr. 4, 1938	74	30,349	263,881	19,616	74	43,018	7,121	4,776	
Missouri	July 23, 1943	25	7,714	51,195	7,563	24	5,092	968	345	
Montana ⁵	Feb. 28, 1939	77	78,510	33,452	46,566	76	7,426	15,258	8,743	
Nebraska	May 18, 1937	87	48,250	111,845	47,753	87	28,393	8,664	4,237	
Nevada	Mar. 30, 1937	21	41,637	1,495	3,389	21	981	606	164	
New Hampshire	May 10, 1945	10	5,775	18,786	2,017	10	2,244	407	145	
New Jersey	July 1, 1937	8	4,785	26,143	1,817	8	3,756	432	184	
New Mexico	Mar. 17, 1937	60	53,139	25,830	37,934	58	8,340	17,824	10,500	
New York	July 20, 1940	38	18,869	106,637	12,884	38	16,271	2,243	933	
North Carolina	Mar. 22, 1937	28	28,901	268,413	17,634	28	49,414	5,161	3,443	
North Dakota	Mar. 16, 1937	79	43,126	69,644	38,700	78	16,550	9,682	6,282	
Ohio	June 5, 1941	82	23,694	205,187	20,003	82	16,439	2,305	1,145	
Oklahoma	Apr. 15, 1937	82	43,020	162,535	35,205	81	48,873	11,713	6,939	
Oregon	Apr. 7, 1939	35	12,156	16,391	6,071	35	2,930	1,513	888	
Pennsylvania	July 2, 1937	28	12,326	82,086	7,023	27	10,404	1,249	391	
Rhode Island	Apr. 26, 1943	3	677	3,603	265	3	716	90	62	
South Carolina	Apr. 17, 1937	36	19,580	147,745	11,022	36	28,257	4,791	3,520	
South Dakota	July 1, 1937	50	27,282	48,005	27,161	50	19,201	10,895	7,716	
Tennessee	Mar. 10, 1939	38	11,155	113,567	8,746	36	18,520	2,529	1,686	
Texas ⁶	Apr. 24, 1939	163	155,674	363,807	126,171	153	80,258	40,448	20,682	
Utah	Mar. 23, 1937	43	40,822	25,026	10,862	43	5,950	3,440	1,675	
Vermont	Apr. 18, 1939	13	5,981	26,490	3,930	13	4,708	935	322	
Virginia	Apr. 1, 1938	22	21,949	142,790	14,048	22	22,663	3,908	2,700	
Washington	Mar. 17, 1939	67	33,710	80,022	13,406	66	13,683	5,313	3,267	
West Virginia	June 12, 1939	14	15,279	97,380	8,096	14	19,449	2,584	1,177	
Wisconsin	July 1, 1937	62	30,880	167,646	22,511	62	19,083	2,985	1,765	
Wyoming	May 22, 1941	38	33,113	8,630	14,213	37	3,144	2,965	1,415	
Alaska	Mar. 25, 1947	8	4,104	1,215	131	6	121	16	2	
Hawaii	May 19, 1947	8	1,418	2,003	581	7	355	93	39	
Puerto Rico	July 1, 1946	17	1,886	55,508	1,886	17	5,474	370	148	
Virgin Islands	June —, 1946	2	85	1,150	85	2	326	49	19	

¹ 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.

² Soil Conservation Service furnishes technical and other assistance to practically all districts that have entered into memorandums of understanding with Department of Agriculture.

³ Includes complete farm conservation plans being carried out by farmers in cooperation with districts, as planned. Cancellations caused by death, change in ownership, or mutual consent have been deducted. Data on plans and treated area included only work done through farmer-district cooperative agreements since Aug. 1937 with assistance of Soil Conservation Service.

⁴ Includes Imperial irrigation district.

⁵ Includes 23 State cooperative grazing districts.

⁶ Includes 7 wind-erosion districts.

Source: Department of Agriculture, Soil Conservation Service; Report of Chief of Soil Conservation Service.

24. Agriculture—General Statistics

(Sent to print May 7, 1952)

Statistics on agriculture are for the most part prepared by the Bureau of the Census, Department of Commerce, which conducts the Census of Agriculture, and by the Department of Agriculture which prepares current annual estimates.

Beginning with 1840 a Census of Agriculture has been taken every 10 years in conjunction with the Decennial Census of Population. In 1925, 1935, and 1945 a mid-decennial Census of Agriculture has also been taken. Information at each census has been obtained by a personal canvass of individual farms by census enumerators. The first Census of Agriculture, however, was limited in scope. It included such items as an inventory of the principal classes of domestic animals, the production of wool, the value of poultry, the value of products of the dairy, and the production of the principal crops. The number of farms and the acreage and value of farm land were first included in the Census of 1850. In 1880 information was first secured as to the tenure under which the farms were operated. A detailed classification of farm land according to use was first obtained in 1925; in earlier censuses, farm land was classified only as improved land, woodland, and other unimproved land.

A farm as defined by the Bureau of the Census is all the land on which some agricultural operations are performed by one person, either by his own labor alone or with the assistance of members of his household, or hired employees. In 1950, places of 3 or more acres were counted as farms only if agricultural products, exclusive of a home garden, with a value of \$150 or more were produced in 1949. Also, in 1950, places of less than 3 acres were counted as farms only if the value of agricultural products sold amounted to \$150 or more. In each census from 1925 to 1945, places of 3 or more acres were counted as farms if any agricultural products, other than a small home garden, were produced during the preceding year while places of less than 3 acres were counted as farms if the agricultural production was valued at \$250 or more. (For definitions used in earlier censuses, see *1945 Census of Agriculture*, Vol. II, Ch. 1.)

Agricultural operations consist of the production of crops or plants, vines or trees (excluding forestry operations), or of the keeping, grazing, or feeding of livestock for animal products, animal increase, or value enhancement. Included as farms are such agricultural enterprises as nurseries, greenhouses, hothouses, fur farms, mushroom cellars, apiaries, and cranberry bogs. Excluded are fish farms, fish hatcheries, oyster farms, frog farms, kennels, game preserves, parks, and the like. When a landowner has one or more tenants, renters, croppers, or managers, the land operated by each is considered a farm for census purposes. Thus for a plantation each cropper and tenant operation is considered a separate farm even though the entire plantation may be handled essentially as a single farm enterprise.

The land in farms includes considerable areas of land not actually under cultivation or used for pasture or grazing, but all such land must have been under the control of the operator and considered a part of his farm. Land used for grazing or pasture that was neither owned nor leased by the farm operator was not included under land in farms. Thus vast acreages of land used for grazing, such as national forests, Taylor grazing land, State lands, or other public lands, and some railroad and other privately owned lands, are not included as land in farms even though used for agricultural purposes.

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 Bureau of Agricultural Economics from about 35,000 farmers, local merchants, and handlers of agricultural products. Season average prices received by farmers are calculated by weighting midmonth prices by monthly sales during the crop marketing season, beginning with the first month when a particular crop harvest begins.

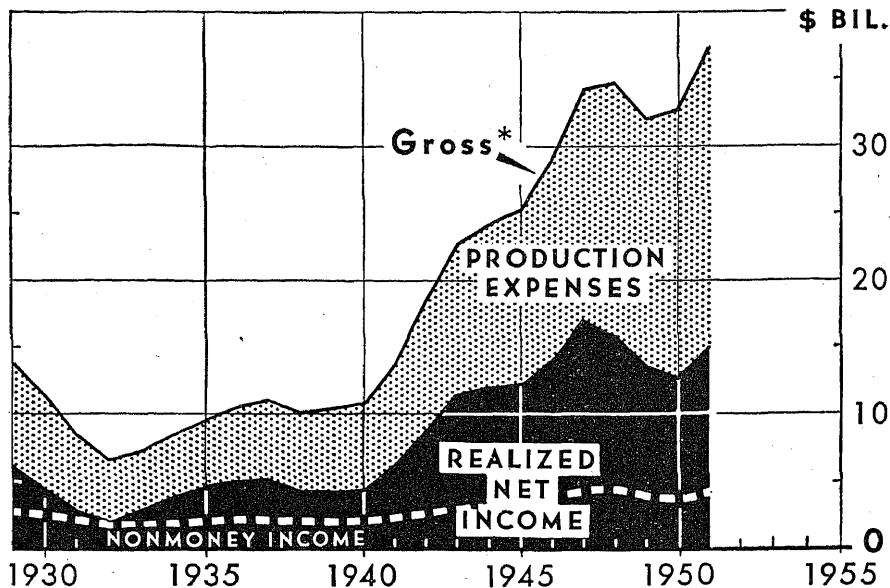
The index numbers of prices received and of prices paid by farmers (see tables 710 and 711) are based on current midmonth prices for these commodities. For information concerning methods of construction of the indexes, see Supplement No. 1 to the January 1950 issue of *Agricultural Prices*, issued by the Bureau of Agricultural Economics. The ratio of the index of prices received to the index of prices paid by farmers measures the monthly variation in the average per unit exchange value of farm products in terms of commodities and services bought by farmers.

Cash income is the cash receipts from farm marketings and represents the quantities of crops, livestock, and livestock products sold by farmers multiplied by the prices received per unit of production at the local market. Gross farm income includes Government payments, value of farm products consumed on the farm, rental value of farm homes, as well as cash receipts from farm marketings.

Historical statistics.—See preface and historical appendix. Tabular headnotes (as "See also *Historical Statistics*, series E 1-16") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*.

FIG. XXV.—GROSS FARM INCOME—NET INCOME AND PRODUCTION EXPENSES OF FARM OPERATORS: 1929 TO 1951

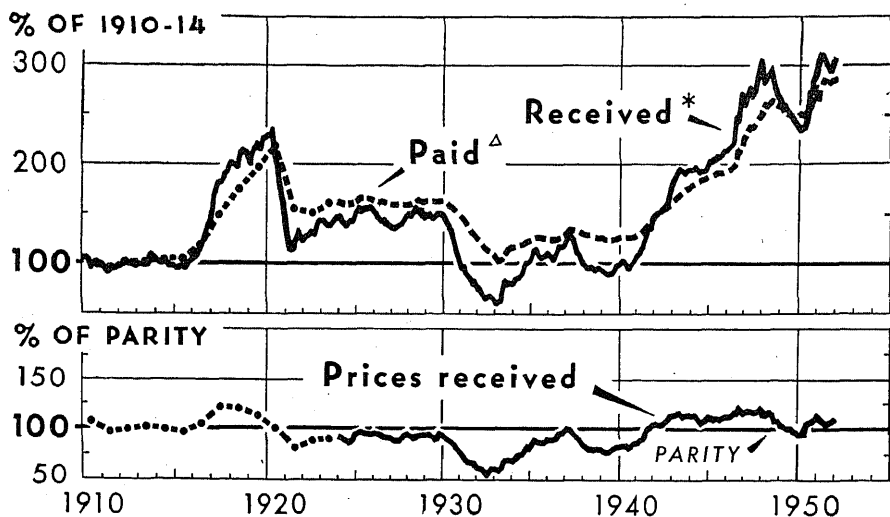
[See table 710]



* Includes Government payments, beginning 1933.

FIG. XXVI.—INDEXES OF PRICES RECEIVED AND PAID BY FARMERS: 1910 TO 1951

[See table 710]



* Monthly data.

△ Includes interest, taxes, and wage rates. Annual average data, 1910-23; by quarters, 1924-36; by months, 1937 to date.

Source of figs. XXV and XXVI: Department of Agriculture, Bureau of Agricultural Economics.

**No. 690.—COMPARATIVE BALANCE SHEET OF AGRICULTURE, UNITED STATES,
JANUARY 1, 1944 TO 1952**

[In millions of dollars. Estimated; margin of error varies with item]

ITEM	1944	1945	1946	1947	1948	1949	1950	1951	1952 (prel.)
ASSETS									
Total	80,338	87,824	97,678	109,907	121,036	127,591	126,864	142,775	156,850
Physical assets:									
Real estate.....	42,532	46,389	52,114	58,604	62,813	65,168	63,527	72,050	81,600
Non-real-estate:									
Livestock.....	9,684	9,012	9,742	11,978	13,384	14,657	13,184	17,517	53,300
Machinery and motor vehicles.....	5,657	6,114	6,072	6,732	8,862	11,706	14,271	15,517	
Crops, stored on and off farms ¹	6,079	6,396	6,030	6,852	8,789	8,417	7,837	8,030	
Household furnishings and equipment ²	4,276	4,232	4,415	4,880	5,415	6,000	6,500	7,175	
Financial assets:									
Deposits and currency.....	8,700	10,800	13,500	14,900	15,300	14,800	14,300	14,400	21,950
United States savings bonds.....	2,335	3,714	4,498	4,504	4,781	5,025	5,250	5,307	
Investment in cooperatives.....	1,075	1,187	1,307	1,457	1,692	1,818	1,995	2,179	
CLAIMS									
Total	80,338	87,824	97,678	109,907	121,036	127,591	126,864	142,775	156,850
Liabilities, total	8,866	8,338	7,830	8,296	9,049	11,174	12,364	12,806	14,400
Real estate debt.....	5,389	4,933	4,682	4,777	4,882	5,108	5,407	5,828	(9)
Non-real-estate debt:									
To principal institutions:									
Excluding loans held or guaranteed by Commodity Credit Corporation.....	1,688	1,622	1,671	1,954	2,293	2,714	2,838	3,372	
Loans held or guaranteed by Commodity Credit Corporation.....	589	683	277	65	74	1,152	1,719	806	
To others ⁴	1,200	1,100	1,200	1,500	1,800	2,200	2,400	2,800	
Proprietors' equities.....	71,472	79,486	89,848	101,611	111,987	116,417	114,500	129,969	142,450

¹ Includes all crops held on farms and crops held in bonded warehouses as security for Commodity Credit Corporation loans. Latter on Jan. 1, 1951 totaled \$306,000,000.

² Estimated valuation for 1940 plus purchases minus depreciation.

³ Not yet available.

⁴ Tentative. Includes individuals, merchants, dealers, and other miscellaneous lenders.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual report, *The Balance Sheet of Agriculture*.

No. 691.—NATIONAL FARM PRODUCT IN CURRENT DOLLARS: 1910 TO 1950

[Millions of dollars. Gross national farm product differs in content and movement from measures of the total output of farm products. As a value-added concept, the gross farm product measures only production actually occurring on farms, without duplications. That is, the value of materials used up by farmers in the production process, such as feed, fertilizer, and motor fuel, is deducted from the value of total farm output to arrive at the gross farm product. It is termed "gross" only because depreciation and other capital consumption allowances are not deducted. Value of materials used up in production, technically known as "intermediate products," has risen greatly in recent decades relative to the value of total farm output. Thus, gross farm product has risen significantly less than total farm output over the period 1910-50]

ITEM	1910	1920	1930	1940	1945	1946	1947	1948	1949	1950
Value of farm output	7,503	16,256	11,141	10,486	24,498	28,256	32,124	36,127	31,153	33,232
Cash receipts from farm marketings and CCC loans ¹	5,793	12,608	9,023	8,367	21,516	24,864	30,014	30,544	28,012	28,773
Products consumed on farms where produced.....	1,177	2,406	1,537	1,254	2,256	2,624	3,095	2,936	2,510	2,344
Net change in all farm inventories ²	+151	+348	-249	+240	-148	-227	-2,205	+1,313	-720	+752
Gross rental value of farm homes.....	382	894	830	625	874	995	1,220	1,334	1,351	1,364
Less: Value of intermediate products consumed ³	1,705	4,397	3,541	3,580	7,730	8,896	10,725	11,642	10,762	11,916
Intermediate products other than rents ³	1,079	3,058	2,394	2,750	5,998	6,872	8,307	9,088	8,475	9,389
Gross rents paid to nonfarm landlords ⁴	626	1,339	1,147	830	1,732	2,024	2,418	2,554	2,287	2,527
Discrepancy.....	-134	-188	-60	-206	-216	-83	-81	+163		
Equals: Gross national farm product	5,798	11,859	7,466	7,094	16,828	19,566	21,615	24,568	20,310	21,154
Less: Capital consumption allowances. Depreciation charges.....	610	1,575	1,111	973	1,744	1,897	2,334	2,816	3,214	3,519
Capital outlays charged to current expense.....	560	1,453	1,004	876	1,563	1,686	2,115	2,570	2,971	3,269
Equals: Net national farm product	5,188	10,284	6,355	6,121	15,084	17,669	19,281	21,752	17,096	17,635
Less: Indirect business taxes.....	150	433	519	372	494	533	610	664	715	752
Plus: Government payments to farm landlords.....				670	686	685	278	222	161	248
Equals: National farm income	5,038	9,846	5,836	6,419	15,276	17,821	18,949	21,310	16,542	17,131

¹ Includes imputed value of food and firewood consumed on farm where produced.

² Adjustment necessary to convert sales figures to a commodity output basis.

³ Includes current expenses for feed and livestock, seed, fertilizer, operation of motor vehicles, irrigation, and other purchased items. Some intermediate products are direct purchases by one farmer from another. Bulk of purchased materials represents production, or value added, by nonfarm industries.

⁴ Counted as an expense to farmers, since only the rental value of farm-owned property is considered to originate in farm sector.

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, September 1951.

No. 692.—NATIONAL FARM PRODUCT IN CONSTANT DOLLARS: 1910 TO 1950

[Millions of 1939 dollars. See headnote, table 691]

ITEM	1910	1920	1930	1940	1945	1946	1947	1948	1949	1950
Value of farm output	7,080	7,571	8,409	9,994	11,419	11,809	11,700	12,284	12,154	12,720
Cash receipts from farm marketings and CCC loans ¹	5,250	5,611	6,793	7,889	9,936	10,163	10,300	10,140	10,637	10,734
Products consumed on farms where produced.....	1,186	1,184	1,113	1,197	1,075	1,154	1,179	1,084	1,056	1,032
Net change in all farm inventories ²	+87	+136	-138	+282	-219	-151	-442	+377	-240	+240
Gross rental value of farm homes.....	557	640	641	626	627	643	663	683	701	714
Less: Value of intermediate products consumed ³	1,747	2,369	2,801	3,561	4,770	5,036	5,271	5,266	5,425	5,755
Intermediate products other than rents ³	1,172	1,652	1,953	2,675	3,910	4,165	4,381	4,361	4,514	4,831
Gross rents paid to nonfarm landlords ⁴	575	717	848	886	860	871	890	905	911	924
Discrepancy.....			+98	-172	-23	-73	-64	-24	-26	+54
Equals: Gross national farm product	5,333	5,202	5,510	6,605	6,672	6,846	6,493	7,042	6,703	6,911

¹⁻⁴ See footnotes 1-4, table 691.

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, September 1951.

No. 693.—FARMS AND FARM PROPERTY—SUMMARY: 1920 TO 1951

[Revised estimates of farm population as of Apr. 1 by Bureau of Agricultural Economics and Bureau of Census; farm values, Bureau of Agricultural Economics as of Mar. 1. See also *Historical Statistics*, series E 1-16]

ITEM	1920	1930	1940	1945	1948	1949	1950	1951
Farm population (1,000).....	31,556	29,447	29,047	24,342	25,063	25,134	24,335	23,276
Percent of total population ¹	29.7	24.0	22.0	17.4	17.2	16.9	16.1	15.1
Number of farms (1,000) ²	6,448	6,289	6,097	5,859	5,620	5,590	5,379	-----
Total value, selected items of farm property (\$1,000,000) ³	78,658	57,863	41,893	70,778	96,624	103,026	101,728	117,372
Farm land and buildings, value (\$1,000,000).....	66,316	47,880	33,642	54,039	74,970	77,692	75,820	86,517
Average value per farm.....	\$10,284	\$7,614	\$5,518	\$9,377	\$13,340	\$13,808	\$14,096	\$16,084
Average value per acre.....	\$69.38	\$48.52	\$31.71	\$48.12	\$65.10	\$67.27	\$65.46	\$74.69
Index of estimated value per acre: ⁴								
1912-14=100.....	170	115	84	126	170	175	169	193
1935-39=100.....	205	138	102	152	205	211	204	233
Farms changing ownership per 1,000 farms (estimated number), total ⁵	43.4	61.5	63.0	69.7	65.9	56.9	52.3	54.0
Voluntary sales and trades ⁶	-----	23.7	30.2	51.5	49.0	40.8	37.1	39.4
Forced sales and related defaults.....	-----	20.8	15.9	3.0	1.5	1.6	1.8	1.8
Foreclosures of mortgages, bankruptcies, etc. ⁷	4.0	15.7	12.6	1.9	1.0	1.2	1.4	1.5
Delinquent taxes.....	-----	5.1	3.3	1.1	.5	.4	.4	.3
Other transfers ⁸	-----	17.0	16.9	15.2	15.4	14.5	13.4	12.8
Percentage of voluntary sales and trades:								
Purchased by local residents.....	-----	82	83	82	80	80	79	76
Purchased for operation.....	-----	81	78	74	81	80	80	76
Occupation of purchaser:								
Active farmer.....	-----	72	68	63	68	67	67	63
Retired farmer.....	-----	4	4	3	4	5	5	5
Other occupation.....	-----	24	28	34	28	28	28	32

¹ Total population includes armed forces serving overseas.

² Revised series—intercensal years interpolated on basis of change in farm population.

³ Includes farm land and buildings, implements and machinery and livestock, including poultry. Turkey included from 1929 to date.

⁴ As of March 1.

⁵ Year ending Mar. 15.

⁶ Includes contracts to purchase (but not options).

⁷ Includes loss of title by default of contract, and surrender of title or transfers to avoid foreclosures.

⁸ Includes inheritance and gift transfers; sales in settlement of estates; and miscellaneous and unclassified sales.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual reports, *The Farm Income Situation* and *The Farm Real Estate Situation*.

No. 694.—LAND UTILIZATION—TREND IN THE UNITED STATES: 1880 TO 1950

[In millions of acres. Total farm and nonfarm land areas are for year indicated. Cropland and pasture acreages usually relate to preceding years. Total, 1880-1940, represents area measurement for 1940 Census; re-measured in 1950 and revised to 1,904,000,000 acres. See also *Historical Statistics*, series F 25-36, where total for 1880-1935 represents area measurement for 1880 Census]

LAND USE ITEM	1880	1890	1900	1910	1920	1930	1940	1950 (prel.)
Total.....	1,905	1,905	1,905	1,905	1,905	1,905	1,905	1,904
In farms.....	536	623	839	879	956	987	1,061	1,158
Pasture.....	122	144	276	284	328	379	461	485
Not plowable.....	-----	-----	-----	-----	223	270	350	416
Plowable.....	-----	-----	-----	-----	105	109	111	160
Crop failure and cropland lying idle or fallow.....	10	15	24	25	40	54	78	64
Cropland harvested.....	178	233	295	322	362	359	321	345
Farmsteads, lanes and waste.....	36	41	53	57	58	45	44	45
Forests and cut-over land.....	190	190	191	191	168	150	157	219
Pastured.....	-----	-----	-----	98	77	85	100	2134
Not pastured.....	-----	-----	-----	93	91	65	57	85
Not in farms.....	1,369	1,282	1,066	1,026	949	918	844	746
Roads, railroads, cities, parks, ungrazed desert, and other wasteland.....	118	120	123	125	128	132	137	141
Pasture ¹	883	818	625	600	502	437	382	285
Forest land capable of producing timber of commercial quantity and quality.....	368	344	318	301	319	349	325	320

¹ Cropland used for pasture only. Not comparable to previous estimates of plowable pasture.

² Includes 34,000,000 acres of arid woodland and brush land.

³ Estimated. ⁴ Includes idle grassland in first decades and arid woodland (pinon, juniper, chaparral).

⁵ Includes about 90,000,000 to 100,000,000 acres of arid woodland and brush land used for grazing.

⁶ Largely commercial forest land.

Source: Dept. of Commerce, Bureau of Census and Dept. of Agriculture, Bureau of Agricultural Economics; cooperative report, *Graphic Summary of Land Utilization in the United States*, and records.

No. 695.—FARMS—NUMBER, ACREAGE, AND VALUE, BY STATES: 1935 TO 1950

[1950 data are preliminary. See also *Historical Statistics*, series E 19 and 31]

DIVISION AND STATE	NUMBER OF FARMS				ALL LAND IN FARMS (thousands of acres)			
	1935	1940	1945	1950	1935	1940	1945	1950
United States	6,812,350	6,096,799	5,859,169	5,382,162	1,054,515	1,060,852	1,141,615	1,158,566
New England	153,241	135,190	150,311	103,225	15,463	13,371	14,497	12,547
Maine	41,907	38,980	42,184	30,358	4,722	4,223	4,613	4,182
New Hampshire	17,695	16,554	18,786	13,391	2,110	1,809	2,017	1,714
Vermont	27,061	23,582	26,490	19,043	4,043	3,667	3,931	3,527
Massachusetts	35,094	31,897	37,007	22,220	2,196	1,938	2,078	1,660
Rhode Island	4,327	3,014	3,603	2,598	308	222	265	191
Connecticut	32,157	21,163	22,241	15,615	2,080	1,512	1,593	1,272
Middle Atlantic	397,684	348,100	347,477	296,702	36,455	33,639	34,406	31,855
New York	177,025	153,238	149,490	124,977	18,686	17,170	17,568	16,017
New Jersey	29,375	25,835	26,220	24,838	1,914	1,874	1,818	1,725
Pennsylvania	191,284	169,027	171,761	146,887	15,855	14,594	15,020	14,113
East North Central	1,083,687	1,006,095	953,797	885,404	116,957	113,655	115,564	112,098
Ohio	255,146	233,783	220,575	199,359	22,858	21,908	21,928	20,969
Indiana	200,835	184,548	175,070	160,627	20,519	19,801	20,027	19,659
Illinois	231,312	213,439	204,230	195,268	31,661	31,033	31,602	30,078
Michigan	196,517	187,589	175,208	155,689	18,400	18,038	18,392	17,270
Wisconsin	199,877	186,735	177,745	103,561	23,459	22,870	23,615	22,221
West North Central	1,179,856	1,090,574	1,031,993	982,735	273,077	274,423	283,248	284,329
Minnesota	203,302	197,351	188,952	179,101	32,818	32,607	33,140	32,883
Iowa	221,986	213,318	208,934	203,159	34,359	34,149	34,454	34,265
Missouri	278,454	256,100	242,934	230,045	35,055	34,740	35,278	35,123
North Dakota	84,606	73,962	69,520	65,401	39,118	37,936	41,001	41,194
South Dakota	83,303	72,454	68,705	60,452	37,102	39,474	43,032	44,786
Nebraska	133,616	121,062	111,756	107,183	40,616	47,344	47,753	47,467
Kansas	174,589	156,327	141,192	131,894	48,010	48,174	48,589	48,011
South Atlantic	1,147,133	1,019,451	1,043,475	958,998	95,987	92,555	96,601	102,170
Delaware	10,381	8,694	9,208	7,443	921	896	923	851
Maryland	44,412	42,110	41,275	36,107	4,384	4,198	4,200	4,056
District of Columbia	89	65	40	28	3	2	2	1
Virginia	197,632	174,885	173,051	150,997	17,445	16,445	16,368	15,572
West Virginia	104,747	99,282	97,600	81,434	9,424	8,909	8,720	8,215
North Carolina	300,967	278,276	287,412	288,508	19,936	18,845	18,618	19,318
South Carolina	165,504	137,558	147,745	139,304	12,330	11,239	11,022	11,879
Georgia	250,544	213,033	225,897	198,191	25,297	23,684	23,676	25,751
Florida	72,857	62,248	61,159	56,921	0,048	8,338	13,084	16,528
East South Central	1,137,219	1,023,349	959,829	913,002	79,101	77,086	76,198	79,576
Kentucky	278,298	252,894	238,501	218,476	20,699	20,294	19,725	19,442
Tennessee	273,783	247,617	234,431	231,631	19,086	18,493	17,789	18,534
Alabama	273,455	231,746	223,369	211,512	19,061	19,143	19,008	20,889
Mississippi	311,683	291,092	263,528	251,383	19,655	19,156	19,617	20,711
West South Central	1,137,571	964,370	877,831	780,423	201,118	200,527	204,995	211,469
Arkansas	253,013	216,674	198,769	182,429	17,742	18,045	17,450	15,871
Louisiana	170,216	150,007	129,295	124,181	10,444	9,996	10,040	11,202
Oklahoma	213,325	179,687	164,790	142,246	35,335	34,803	36,162	36,007
Texas	501,017	418,002	384,977	331,567	137,597	137,683	141,338	145,889
Mountain	271,392	233,497	212,527	194,858	173,881	191,901	244,577	250,213
Montana	50,564	41,823	37,747	35,085	47,512	46,452	58,787	59,247
Idaho	45,113	43,663	41,498	40,264	9,952	10,208	12,503	13,224
Wyoming	17,487	15,018	13,076	12,614	28,182	28,026	33,117	34,421
Colorado	63,644	51,436	47,618	45,578	29,678	31,527	36,218	37,953
New Mexico	41,369	34,105	29,695	23,590	34,397	38,860	49,008	47,522
Arizona	18,824	18,468	13,142	10,412	14,019	25,651	37,856	39,016
Utah	30,695	25,411	26,322	24,176	6,239	7,302	10,309	10,865
Nevada	3,666	3,573	3,429	3,110	3,622	3,785	6,178	7,064
Pacific	299,557	276,173	281,929	266,815	62,476	63,694	71,529	74,310
Washington	84,381	81,686	79,887	69,820	14,680	15,182	16,720	17,309
Oregon	64,826	61,829	63,125	59,827	17,358	17,988	19,754	20,328
California	150,360	132,658	138,917	137,168	30,438	30,524	35,054	36,013

No. 695.—FARMS—NUMBER, ACREAGE, AND VALUE, BY STATES: 1935 TO 1950—Con.

DIVISION AND STATE	AVERAGE ACREAGE PER FARM		VALUE OF FARMS (LAND AND BUILDINGS)							
			Total (thousands of dollars)				Average value per farm (dollars)		Average value per acre (dollars)	
	1945	1950	1935	1940	1945	1950 ¹²	1945	1950 ²	1945	1950 ²
United States	194.8	215.3	32,858,844	33,641,739	46,338,926	75,829,925	7,917	13,941	40.63	66.64
New England	96.4	121.5	901,271	740,508	938,517	1,222,057	6,244	11,510	64.74	93.94
Maine.....	109.4	137.7	143,539	124,083	159,681	226,518	3,785	7,587	34.61	54.17
New Hampshire.....	107.4	128.0	66,937	62,206	80,395	124,845	4,280	8,921	39.86	72.85
Vermont.....	148.4	185.2	115,996	111,109	134,576	196,405	5,080	10,343	34.24	55.68
Massachusetts.....	56.2	74.7	255,677	212,014	262,542	314,710	7,167	13,683	127.62	189.54
Rhode Island.....	73.5	73.5	35,238	26,334	35,610	44,328	9,883	16,941	134.51	232.02
Connecticut.....	71.6	81.5	283,884	204,781	263,023	315,251	11,826	20,011	165.09	247.77
Middle Atlantic	99.0	107.4	2,141,412	2,039,079	2,389,076	3,482,381	6,875	11,733	69.44	108.59
New York.....	117.5	128.2	1,045,392	947,074	1,087,522	1,467,452	7,275	11,847	61.90	91.62
New Jersey.....	69.3	69.5	234,313	227,806	292,981	505,278	11,771	19,635	161.15	292.84
Pennsylvania.....	87.4	96.1	861,707	864,200	1,008,574	1,509,651	5,872	10,349	67.15	106.97
East North Central	121.2	126.6	6,596,844	7,333,631	9,958,796	14,703,511	10,441	16,894	86.18	131.26
Ohio.....	99.4	105.2	1,277,556	1,443,917	1,868,351	2,858,969	8,470	14,575	85.20	136.34
Indiana.....	113.8	118.0	1,040,288	1,251,492	1,794,315	2,691,273	10,197	16,550	89.59	136.90
Illinois.....	154.7	158.6	2,205,900	2,537,117	3,662,545	5,394,905	17,933	28,387	115.90	174.15
Michigan.....	104.9	111.0	826,261	912,545	1,199,290	1,701,440	6,843	10,905	65.21	98.52
Wisconsin.....	132.9	137.8	1,246,889	1,188,559	1,424,295	2,056,925	8,069	12,220	60.74	88.58
West North Central	274.5	289.3	9,385,141	8,795,913	12,115,024	19,044,683	11,739	19,585	42.77	66.97
Minnesota.....	175.4	183.6	1,383,072	1,443,021	1,833,761	2,777,312	9,705	15,749	55.33	84.46
Iowa.....	164.9	168.7	2,462,313	2,690,744	3,611,140	5,506,677	17,284	27,566	104.81	160.71
Missouri.....	145.2	152.7	1,099,281	1,107,303	1,526,961	2,235,939	6,285	9,776	43.28	63.66
North Dakota.....	589.8	629.9	707,139	490,197	708,322	1,188,860	10,189	18,014	17.28	28.86
South Dakota.....	626.3	674.0	691,863	505,452	764,300	1,402,235	11,124	20,830	17.76	31.31
Nebraska.....	427.3	442.9	1,562,813	1,137,808	1,699,210	2,735,039	15,205	25,900	35.53	57.62
Kansas.....	344.1	370.0	1,478,659	1,421,387	1,971,331	3,198,028	13,962	24,756	40.57	65.80
South Atlantic	92.6	106.5	2,791,939	3,159,550	4,238,536	7,115,042	4,062	7,224	43.88	70.10
Delaware.....	99.3	114.3	51,476	54,899	72,694	97,141	7,820	12,559	78.73	114.11
Maryland.....	101.8	112.3	242,714	273,980	354,807	507,225	8,596	14,212	84.48	125.07
Dist. of Columbia.....	46.4	45.2	7,183	5,943	4,961	0	124,034	48,871	2,676.02	3,688.41
Virginia.....	94.5	103.1	593,855	674,975	868,806	1,277,240	5,021	8,449	53.11	82.02
West Virginia.....	89.3	100.9	237,644	260,827	341,008	487,209	3,494	5,852	39.11	59.31
North Carolina.....	64.8	67.0	622,719	736,708	1,002,983	1,905,714	3,490	6,490	53.87	98.65
South Carolina.....	74.6	85.2	285,516	338,495	440,632	820,439	2,982	5,648	39.98	69.06
Georgia.....	104.8	129.9	429,755	480,345	654,244	1,114,506	2,896	5,336	27.63	43.28
Florida.....	213.9	290.1	321,078	324,378	498,400	905,658	8,149	15,081	38.09	54.85
East South Central	79.4	87.2	1,915,218	2,324,737	3,094,049	5,168,879	3,224	5,566	40.61	65.15
Kentucky.....	82.7	89.0	620,409	776,494	1,015,796	1,572,256	4,259	7,192	51.50	80.87
Tennessee.....	75.9	80.0	555,751	664,474	870,948	1,431,966	3,175	6,154	48.96	77.26
Alabama.....	85.4	98.8	368,220	408,782	559,743	1,016,866	2,506	4,624	29.36	48.68
Mississippi.....	74.4	82.4	370,839	474,986	647,562	1,147,791	2,457	4,421	33.01	55.42
West South Central	233.5	271.0	4,029,702	4,231,841	5,816,250	10,641,971	6,626	13,511	28.37	50.21
Arkansas.....	87.8	103.4	376,088	456,848	662,770	1,151,146	3,334	6,151	37.97	61.09
Louisiana.....	77.6	90.2	295,515	353,874	472,328	920,939	3,653	7,011	47.05	82.21
Oklahoma.....	219.4	253.1	784,394	831,141	1,106,154	1,851,460	6,713	13,045	30.59	51.42
Texas.....	367.1	438.5	2,573,705	2,589,979	3,674,998	6,718,426	9,286	20,260	25.29	46.21
Mountain	1,150.8	1,284.1	1,772,439	1,779,843	2,756,169	5,169,551	12,969	26,496	11.27	23.97
Montana.....	1,557.4	1,683.7	375,841	350,178	517,891	1,007,206	13,720	27,600	8.51	17.00
Idaho.....	301.3	328.3	307,395	339,194	493,331	965,498	11,888	22,475	39.46	73.01
Wyoming.....	2,532.6	2,727.1	166,774	158,971	232,043	423,287	17,746	33,252	7.01	13.75
Colorado.....	760.6	832.7	418,758	388,344	564,504	1,274,094	11,855	26,164	15.59	32.54
New Mexico.....	1,670.6	2,013.7	170,150	187,526	236,751	765,101	11,004	26,837	6.59	16.10
Arizona.....	2,880.6	3,833.7	132,650	153,677	287,876	637,466	21,905	47,040	7.60	15.97
Utah.....	301.7	449.4	158,303	154,358	261,818	525,657	9,947	19,146	25.40	47.67
Nevada.....	1,801.7	2,271.2	42,569	47,594	71,956	160,342	20,955	36,078	11.65	22.70
Pacific	253.7	278.5	3,234,878	3,236,636	5,082,508	8,681,850	18,028	30,596	71.06	116.00
Washington.....	209.3	248.8	550,720	593,366	900,184	1,499,140	11,268	20,744	53.84	86.78
Oregon.....	312.9	339.8	448,712	476,817	697,775	1,275,156	11,053	18,353	35.32	62.73
California.....	252.3	266.9	2,329,446	2,166,453	3,484,549	5,907,555	25,084	40,543	99.40	161.35

¹ Bureau of Agricultural Economics estimates based on average value per acre and land in farms as shown in preliminary State releases of 1950 Census of Agriculture.

² Based on reports for sample of farms. ³ Excludes District of Columbia. ⁴ No estimate.

Source: Department of Commerce, Bureau of the Census (except as noted); 1945 Census of Agriculture, Vol. II, and preliminary data from 1950 Census of Agriculture.

No. 696.—FARM LAND, BY USE, BY STATES: 1944 AND 1949

[In thousands of acres. For total land in farms, see table 695. 1949 data are preliminary]

DIVISION AND STATE	CROPLAND HARVESTED		CROPLAND USED ONLY FOR PASTURE		CROPLAND NOT HARVESTED AND NOT PASTURED		OTHER THAN CROPLAND	
	1944	1949	1944 ¹	1949	1944 ²	1949	1944	1949
United States	352,866	344,395	47,449	69,332	50,379	64,108	690,921	680,731
New England	3,987	2,805	375	847	232	564	9,903	8,330
Maine.....	1,316	932	74	221	101	254	3,123	2,775
New Hampshire.....	436	290	43	101	25	59	1,507	1,263
Vermont.....	1,160	859	93	219	28	78	2,650	2,371
Massachusetts.....	581	378	77	151	45	97	1,376	1,036
Rhode Island.....	62	40	10	26	9	15	184	111
Connecticut.....	433	308	72	129	25	61	1,064	775
Middle Atlantic	14,441	12,211	1,450	2,851	1,613	2,459	16,902	14,335
New York.....	6,922	5,792	705	1,579	740	1,114	9,202	7,533
New Jersey.....	916	782	116	104	104	148	681	635
Pennsylvania.....	6,604	5,637	628	1,111	769	1,196	7,018	6,168
East North Central	61,117	59,570	9,411	10,862	3,789	4,667	41,246	36,998
Ohio.....	10,837	10,296	1,867	2,049	598	1,034	8,626	7,591
Indiana.....	10,912	11,001	1,817	2,051	811	777	6,487	5,830
Illinois.....	20,302	20,364	2,150	2,591	1,131	987	8,019	7,035
Michigan.....	8,521	7,797	1,786	1,983	903	1,263	7,182	6,227
Wisconsin.....	10,545	10,112	1,791	2,187	346	606	10,933	10,315
West North Central	132,778	133,302	10,024	14,480	16,761	20,151	123,686	116,396
Minnesota.....	18,559	19,709	1,316	1,560	2,418	1,192	10,847	10,422
Iowa.....	21,562	22,547	2,612	3,144	768	358	9,512	8,215
Missouri.....	12,902	12,264	2,916	5,104	1,039	1,389	18,421	16,366
North Dakota.....	20,817	20,353	710	935	3,576	6,340	15,898	13,567
South Dakota.....	16,525	17,528	641	1,337	1,337	1,478	24,529	24,964
Nebraska.....	19,596	19,407	842	1,400	2,890	2,970	24,325	23,691
Kansas.....	22,817	21,494	887	1,521	4,733	6,425	20,153	19,173
South Atlantic	27,494	25,022	4,047	6,308	5,460	6,530	59,600	64,311
Delaware.....	416	389	63	72	85	74	3,359	3,16
Maryland.....	1,745	1,531	394	448	225	306	1,836	1,771
District of Columbia.....	1	(³)	(³)	(³)	(³)	(³)	(³)	(³)
Virginia.....	3,933	3,214	1,169	1,564	690	911	10,568	9,784
West Virginia.....	1,490	1,218	512	787	172	349	6,747	5,860
North Carolina.....	6,126	5,782	526	733	950	1,183	11,016	11,619
South Carolina.....	4,149	3,960	238	1,494	800	932	5,835	6,493
Georgia.....	7,824	7,098	784	1,273	2,035	2,116	13,032	15,264
Florida.....	1,809	1,728	563	937	505	659	10,206	13,204
East South Central	23,802	22,494	8,000	11,323	4,422	5,396	39,974	40,362
Kentucky.....	5,322	5,054	4,038	5,265	1,039	1,282	9,325	7,840
Tennessee.....	5,844	5,575	2,260	2,856	1,170	1,489	8,510	8,613
Alabama.....	6,163	5,729	854	1,598	1,249	1,394	10,801	12,167
Mississippi.....	6,473	6,136	849	1,004	963	1,231	11,332	11,740
West South Central	51,043	49,083	9,062	13,236	5,627	6,979	139,264	142,171
Arkansas.....	5,995	5,930	1,651	2,472	1,127	1,252	8,683	9,217
Louisiana.....	3,490	3,149	1,032	1,804	613	705	4,904	5,545
Oklahoma.....	14,088	11,896	1,759	2,318	1,117	1,802	19,198	19,991
Texas.....	27,469	28,108	4,619	6,643	2,772	3,220	106,477	107,419
Mountain	23,103	24,497	1,879	4,212	7,375	10,964	212,222	210,541
Montana.....	7,439	7,573	400	1,271	3,479	5,081	47,468	45,323
Idaho.....	3,442	3,148	322	485	825	1,097	7,914	7,995
Wyoming.....	1,843	1,901	112	405	264	407	30,897	31,709
Colorado.....	6,035	6,883	515	970	2,007	3,165	27,662	26,925
New Mexico.....	1,957	1,898	446	446	410	495	47,106	44,053
Arizona.....	652	884	230	184	77	198	36,898	38,051
Utah.....	1,248	1,279	128	305	288	468	8,045	8,812
Nevada.....	487	421	36	145	23	53	5,632	6,444
Pacific	15,102	15,412	3,202	5,214	5,101	6,396	48,124	47,287
Washington.....	4,290	4,237	439	715	2,403	2,769	9,589	9,649
Oregon.....	3,276	3,219	566	969	1,067	1,349	14,845	14,790
California.....	7,536	7,957	2,196	3,531	1,631	2,278	23,091	22,848

For footnotes, see next page

No. 696.—FARM LAND, BY USE, BY STATES: 1944 AND 1949—Continued

[In thousands of acres]

DIVISION AND STATE	OTHER THAN CROPLAND							
	1944				1949			
	Wood- land pastured	Wood- land not pastured	Other pasture	Other land	Wood- land pastured	Wood- land not pastured	Other pasture	Other land
United States	95, 075	71, 261	481, 017	43, 568	134, 715	85, 099	415, 650	45, 267
New England	2, 464	4, 467	2, 251	721	1, 784	4, 354	1, 488	704
Maine.....	611	1, 839	439	234	383	1, 849	273	270
New Hampshire.....	446	755	231	75	295	744	149	75
Vermont.....	857	694	1, 023	76	733	788	752	98
Massachusetts.....	300	640	247	189	195	545	145	151
Rhode Island.....	18	92	41	33	14	65	13	19
Connecticut.....	232	447	270	115	164	362	157	92
Middle Atlantic	2, 536	4, 697	7, 364	2, 305	2, 338	4, 878	5, 062	2, 057
New York.....	1, 523	2, 100	4, 550	1, 029	1, 362	2, 111	3, 126	934
New Jersey.....	39	259	175	208	44	276	125	190
Pennsylvania.....	974	2, 338	2, 638	1, 068	933	2, 491	1, 811	933
East North Central	11, 208	5, 619	17, 171	7, 248	11, 875	7, 246	10, 329	7, 548
Ohio.....	1, 560	1, 107	4, 552	1, 407	1, 606	1, 441	3, 062	1, 482
Indiana.....	1, 710	964	2, 475	1, 338	1, 660	1, 218	1, 467	1, 485
Illinois.....	1, 687	787	3, 903	1, 642	2, 041	1, 009	2, 265	1, 720
Michigan.....	2, 275	1, 226	2, 287	1, 394	2, 145	1, 576	1, 101	1, 405
Wisconsin.....	3, 976	1, 536	3, 954	1, 467	4, 424	2, 002	2, 432	1, 457
West North Central	11, 005	4, 014	93, 622	15, 045	13, 324	5, 877	83, 711	13, 484
Minnesota.....	3, 056	1, 209	3, 825	2, 757	3, 349	1, 743	2, 618	2, 712
Iowa.....	1, 452	225	5, 759	2, 076	1, 902	418	3, 731	2, 164
Missouri.....	5, 159	1, 073	9, 637	1, 652	5, 805	2, 694	6, 036	1, 831
North Dakota.....	316	168	12, 039	3, 385	484	246	10, 735	2, 102
South Dakota.....	194	79	22, 492	1, 764	438	143	22, 913	1, 470
Nebraska.....	378	133	22, 185	1, 629	603	217	21, 415	1, 450
Kansas.....	450	237	17, 684	1, 782	744	417	16, 203	1, 749
South Atlantic	12, 527	29, 390	14, 259	3, 424	17, 026	31, 876	11, 210	4, 199
Delaware.....	9	223	40	87	11	206	28	71
Maryland.....	127	974	472	263	163	1, 006	351	251
District of Columbia.....	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Virginia.....	1, 177	5, 643	3, 159	589	1, 356	5, 375	2, 379	674
West Virginia.....	1, 100	2, 127	3, 244	276	1, 206	1, 990	2, 326	338
North Carolina.....	1, 093	8, 106	1, 099	718	1, 423	8, 273	1, 057	806
South Carolina.....	985	3, 828	629	393	1, 207	4, 355	489	442
Georgia.....	3, 508	7, 214	1, 611	699	4, 371	8, 909	1, 185	799
Florida.....	4, 527	1, 274	4, 006	399	7, 288	1, 762	3, 396	758
East South Central	8, 994	15, 107	11, 955	3, 918	11, 706	17, 314	7, 340	4, 002
Kentucky.....	1, 172	3, 353	3, 683	1, 117	1, 609	3, 294	1, 696	1, 241
Tennessee.....	1, 333	3, 720	2, 447	1, 016	1, 902	3, 966	1, 657	1, 088
Alabama.....	2, 917	4, 659	2, 440	785	3, 712	6, 030	1, 706	719
Mississippi.....	3, 571	3, 376	3, 384	1, 001	4, 483	4, 024	2, 280	953
West South Central	23, 939	5, 877	105, 036	4, 412	40, 657	8, 702	87, 799	5, 013
Arkansas.....	2, 383	3, 166	2, 328	806	3, 245	3, 579	1, 585	808
Louisiana.....	1, 386	1, 494	1, 502	522	1, 804	1, 965	1, 152	624
Oklahoma.....	4, 119	399	13, 351	1, 329	5, 019	880	12, 745	1, 347
Texas.....	16, 051	818	87, 854	1, 754	30, 590	2, 278	72, 317	2, 234
Mountain	14, 427	435	193, 261	4, 099	23, 663	2, 011	179, 696	5, 171
Montana.....	986	99	45, 556	2, 755	405	41	227	936
Idaho.....	946	114	6, 230	624	1, 243	309	5, 026	817
Wyoming.....	251	11	30, 246	359	1, 275	73	29, 845	516
Colorado.....	1, 311	95	25, 417	839	2, 817	430	22, 603	1, 075
New Mexico.....	4, 647	84	41, 614	761	7, 114	598	36, 251	720
Arizona.....	6, 007	14	30, 515	362	6, 930	74	31, 113	528
Utah.....	173	11	8, 263	198	1, 454	102	6, 815	441
Nevada.....	76	7	5, 420	129	68	20	6, 217	139
Pacific	7, 975	1, 655	36, 099	2, 395	12, 341	2, 842	29, 015	3, 089
Washington.....	1, 862	474	6, 803	2, 450	2, 433	859	5, 807	550
Oregon.....	2, 772	490	11, 086	497	3, 618	950	9, 665	557
California.....	3, 341	691	18, 211	1, 448	6, 290	1, 032	13, 544	1, 982

¹ Land used only for pasture that had been plowed within 7 years.² Crop failure and cropland idle or fallow.³ 500 acres or less.

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II, and preliminary data from 1950 Census of Agriculture.

No. 697.—FARM REAL ESTATE—INDEXES OF ESTIMATED VALUE PER ACRE, BY
STATES: MARCH 1, 1912 TO 1952

[1935-39=100]

DIVISION AND STATE	1912	1915	1920	1925	1930	1933	1935	1940	1945	1949	1950	1951 ¹	1952 ¹
United States.....	117	124	205	153	138	88	95	102	152	211	204	233	211
New England.....	94	94	133	121	121	100	99	101	123	157	150	155	169
Maine.....	105	101	149	131	131	99	99	100	125	155	144	137	131
New Hampshire.....	105	109	139	120	120	100	98	102	127	156	147	154	147
Vermont.....	101	103	149	125	123	101	100	101	129	184	175	184	196
Massachusetts.....	88	88	125	118	117	101	99	101	119	142	136	146	170
Rhode Island.....	84	86	110	108	113	100	99	101	122	161	155	168	203
Connecticut.....	79	80	110	110	112	100	99	100	121	157	154	164	210
Middle Atlantic.....	111	113	154	129	120	93	96	102	134	184	178	195	190
New York.....	115	117	156	130	120	95	98	100	128	181	177	186	175
New Jersey.....	86	87	114	109	110	97	97	102	132	172	171	180	231
Pennsylvania.....	113	115	161	132	123	90	95	104	142	190	181	207	199
East North Central.....	131	140	217	157	130	83	91	106	160	226	224	262	211
Ohio.....	135	147	219	151	124	81	91	106	167	241	231	276	223
Indiana.....	141	148	235	149	117	77	89	108	181	257	254	303	228
Illinois.....	142	150	233	168	133	79	90	110	163	231	236	278	206
Michigan.....	111	118	175	150	137	91	94	103	164	229	225	258	244
Wisconsin.....	113	121	198	151	136	93	96	97	128	186	169	188	172
West North Central.....	140	151	265	181	157	92	98	94	138	205	203	235	178
Minnesota.....	111	125	250	186	156	92	97	100	134	192	198	231	212
Iowa.....	133	155	296	189	156	81	92	103	149	215	219	254	193
Missouri.....	164	172	282	189	156	93	98	100	154	209	210	245	161
North Dakota.....	150	159	225	169	148	102	103	80	117	183	177	193	142
South Dakota.....	185	195	349	221	179	106	105	79	119	189	188	216	126
Nebraska.....	139	143	255	176	161	99	102	83	122	197	185	218	168
Kansas.....	133	135	198	151	148	92	96	93	146	222	219	245	205
South Atlantic.....	96	97	196	146	127	79	92	106	163	232	224	251	284
Delaware.....	116	117	161	130	129	93	95	103	142	189	184	199	195
Maryland.....	100	107	170	135	126	92	94	103	152	212	206	227	252
Virginia.....	91	91	177	145	126	83	91	106	161	231	221	251	209
West Virginia.....	118	122	187	145	127	89	95	104	129	188	169	180	165
North Carolina.....	76	80	174	146	123	67	87	108	175	266	269	296	425
South Carolina.....	122	114	278	167	125	69	92	108	196	271	247	273	244
Georgia.....	128	122	284	151	130	74	93	107	173	255	237	261	224
Florida.....	74	75	137	132	132	93	97	102	142	158	162	194	283
East South Central.....	96	98	197	139	126	78	92	110	177	270	261	295	327
Kentucky.....	100	103	206	145	131	82	90	117	195	292	282	322	346
Tennessee.....	97	101	202	138	125	79	92	109	179	274	268	297	317
Alabama.....	84	84	151	131	122	75	94	104	153	235	223	248	321
Mississippi.....	99	99	222	139	124	74	92	108	168	255	251	289	312
West South Central.....	100	105	186	151	143	86	95	104	146	207	201	236	253
Arkansas.....	106	102	239	172	152	86	95	103	179	279	265	305	310
Louisiana.....	90	87	180	128	120	81	94	110	147	209	204	218	200
Oklahoma.....	107	104	182	144	139	83	94	102	143	232	225	264	260
Texas.....	99	107	183	153	144	87	96	103	144	196	191	226	247
Mountain.....	133	133	204	142	138	93	95	103	163	220	211	238	188
Montana.....	183	188	236	141	135	89	95	104	168	245	236	265	162
Idaho.....	119	114	205	147	138	91	96	102	166	197	188	198	174
Wyoming.....	149	158	271	153	150	95	96	104	177	260	244	286	198
Colorado.....	169	161	242	159	142	92	92	105	186	268	256	281	173
New Mexico.....	124	124	178	134	136	93	94	104	163	239	232	264	228
Arizona.....	101	103	175	129	130	95	97	101	154	191	182	214	224
Utah.....	114	111	190	148	144	95	95	102	138	166	161	174	168
Nevada.....	141	149	198	150	146	96	96	102	134	168	160	171	121
Pacific.....	89	101	146	137	133	90	95	101	161	184	169	186	213
Washington.....	120	122	171	138	135	90	94	103	164	207	192	203	176
Oregon.....	122	125	162	138	135	90	93	105	163	191	177	191	161
California.....	77	92	139	136	133	90	96	100	160	179	163	182	237

¹ Preliminary.

Source: Department of Agriculture, Bureau of Agricultural Economics; periodic report, *Current Developments in the Farm Real Estate Market*.

No. 698.—FARMS—NUMBER, BY SIZE, BY STATES: 1950

[Data are preliminary]

DIVISION AND STATE	Total number of farms	Under 3 acres	3 to 9 acres	10 to 29 acres	30 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
United States	5,382,162	76,606	408,308	853,608	624,242	1,047,801	1,102,562	487,325	478,084	182,264	121,362
New England	103,225	3,447	9,552	15,097	9,947	20,863	22,203	10,298	9,058	2,352	408
Maine.....	30,358	409	1,334	2,769	2,740	7,709	8,363	3,461	2,726	700	147
New Hampshire.....	13,391	319	1,100	1,859	1,893	2,829	2,862	1,341	1,255	374	59
Vermont.....	19,043	240	994	1,576	939	2,603	4,998	3,273	3,425	873	122
Massachusetts.....	22,220	1,577	3,610	4,980	2,655	4,034	3,070	1,143	888	211	52
Rhode Island.....	2,598	236	362	527	300	565	367	117	87	32	5
Connecticut.....	15,615	666	2,152	3,386	1,920	3,123	2,543	963	677	162	23
Middle Atlantic	296,702	8,208	24,812	39,536	27,354	70,263	76,516	28,413	18,191	2,940	469
New York.....	124,977	2,831	7,945	13,495	9,674	26,754	34,759	16,067	11,397	1,824	231
New Jersey.....	24,838	1,542	4,747	5,961	2,518	4,025	3,895	1,271	677	152	50
Pennsylvania.....	146,887	3,835	12,120	20,080	15,162	39,484	37,862	11,075	6,117	964	188
East North Central	885,404	10,996	51,061	82,436	80,713	202,714	259,459	113,900	73,018	9,888	1,219
Ohio.....	199,359	2,943	15,740	24,636	19,440	51,238	54,284	18,919	10,550	1,421	188
Indiana.....	166,627	2,485	12,270	20,007	17,135	37,294	43,025	19,468	12,907	1,835	211
Illinois.....	195,268	2,662	11,347	15,085	12,281	29,088	56,711	35,544	27,653	3,889	408
Michigan.....	155,589	1,538	7,131	15,232	20,800	42,917	42,266	15,511	8,822	1,155	217
Wisconsin.....	168,561	1,368	4,573	6,879	11,067	42,177	63,173	24,458	13,086	1,588	195
West North Central	982,735	8,704	35,038	47,333	47,383	120,484	266,029	156,840	191,055	75,376	34,493
Minnesota.....	179,101	1,444	4,601	6,398	5,634	26,077	62,598	34,762	29,529	4,468	590
Iowa.....	203,159	1,963	7,993	9,063	7,245	25,925	77,486	42,281	28,110	2,839	254
Missouri.....	230,045	1,893	11,361	20,340	23,200	46,566	60,039	31,742	27,479	6,283	1,152
North Dakota.....	65,401	131	461	610	461	919	5,338	3,295	23,316	22,080	8,775
South Dakota.....	66,452	340	1,064	1,190	931	2,219	10,410	7,988	21,838	11,705	8,767
Nebraska.....	107,183	1,119	3,511	3,408	2,219	6,815	26,200	19,167	26,909	10,539	7,296
Kansas.....	131,394	1,814	6,947	6,315	4,693	11,973	23,958	17,605	33,874	17,456	7,659
South Atlantic	958,998	10,584	85,182	227,080	160,781	220,245	142,565	50,197	40,282	14,896	7,186
Delaware.....	7,448	246	827	1,073	875	1,661	1,596	704	503	127	36
Maryland.....	36,107	795	3,877	5,844	3,708	7,193	8,022	3,451	2,460	624	133
Dist. of Columbia.....	28	13	2	4	4	2	2	1	2	2	2
Virginia.....	150,997	2,043	17,081	31,226	19,635	32,795	25,859	10,131	8,522	2,877	828
West Virginia.....	81,434	1,034	7,777	13,667	11,049	20,950	15,833	5,536	3,973	1,257	358
North Carolina.....	288,508	2,582	25,855	84,994	55,913	67,111	33,796	9,455	6,343	1,861	598
South Carolina.....	139,364	856	11,726	45,023	25,794	28,150	15,183	5,051	4,558	2,025	998
Georgia.....	198,191	1,826	10,859	32,141	34,839	52,474	35,220	13,038	11,147	4,047	2,500
Florida.....	56,921	1,689	7,378	13,108	8,964	9,909	7,056	2,830	2,774	1,478	1,735
East South Central	913,002	7,766	82,495	226,436	154,407	213,601	138,564	43,228	31,819	10,243	4,443
Kentucky.....	218,476	2,815	21,639	37,812	28,770	58,229	44,262	14,010	8,091	1,843	405
Tennessee.....	231,631	2,366	21,846	53,884	36,593	57,782	37,414	11,556	7,850	1,804	445
Alabama.....	211,512	1,870	15,966	47,432	46,631	50,495	28,135	8,822	7,666	3,206	1,860
Mississippi.....	251,383	1,215	23,014	87,308	42,413	47,095	28,753	8,840	7,713	3,299	1,733
West South Central	780,423	8,660	56,508	130,150	97,363	140,872	145,918	62,430	78,127	35,722	24,673
Arkansas.....	182,429	1,240	15,109	39,547	31,863	40,121	30,537	10,775	8,835	3,148	1,254
Louisiana.....	124,181	1,790	13,403	41,884	26,026	20,206	10,429	3,623	3,653	1,836	1,331
Oklahoma.....	142,246	1,602	6,199	10,365	11,493	22,525	36,420	15,609	24,676	9,302	4,046
Texas.....	331,567	4,028	21,797	38,354	27,981	58,020	68,523	32,423	40,963	21,436	18,042
Mountain	194,858	4,840	15,874	19,395	14,098	24,577	26,780	11,603	22,449	20,698	35,344
Montana.....	35,085	267	969	1,241	984	2,005	3,655	1,925	4,785	6,200	13,054
Idaho.....	40,284	471	3,272	3,698	4,506	8,952	7,389	2,875	4,192	2,606	2,353
Wyoming.....	12,614	150	394	398	328	865	2,048	954	1,717	1,556	4,204
Colorado.....	45,578	935	3,408	4,046	2,260	4,582	6,705	2,849	6,681	5,172	7,940
New Mexico.....	23,599	307	3,168	3,904	1,691	2,130	2,341	974	2,416	2,270	4,389
Arizona.....	10,412	446	1,459	1,897	1,112	1,287	1,121	404	778	589	1,319
Utah.....	24,176	1,411	3,014	3,851	2,898	4,245	3,108	1,431	1,635	1,052	1,531
Nevada.....	3,110	53	190	360	319	511	413	191	275	244	554
Pacific	266,815	14,201	47,786	66,145	32,196	34,182	24,528	10,416	14,085	10,149	13,127
Washington.....	69,820	1,802	12,150	17,810	9,025	9,443	6,527	2,667	3,710	3,081	3,605
Oregon.....	59,827	1,386	9,183	12,372	7,231	9,356	7,653	3,232	3,758	2,369	3,287
California.....	137,168	11,013	26,453	35,963	15,940	15,383	10,348	4,517	6,617	4,699	6,285

Source: Department of Commerce, Bureau of Census; 1955 Census of Agriculture, Vol. II, and preliminary data from 1950 Census of Agriculture.

No. 699.—FARMS—NUMBER AND ACREAGE, 1920 TO 1945, AND VALUE OF LAND AND BUILDINGS, 1945, BY SIZE OF FARM

SIZE OF FARM	1920	1925	1930	1935	1940	1920	1925	1930	1935	1940
Number of farms						Percent distribution of number of farms				
Total.....	6, 448, 343	6, 371, 640	6, 288, 648	6, 812, 350	6, 096, 799	100.0	100.0	100.0	100.0	100.0
Under 3 acres.....	20, 350	15, 151	43, 007	35, 573	35, 977	0.3	0.2	0.7	0.5	0.6
3 to 9 acres.....	268, 422	363, 384	315, 497	535, 258	470, 425	4.2	5.7	5.0	7.9	7.7
10 to 19 acres.....	507, 763	588, 049	559, 617	683, 452	559, 254	7.9	9.2	8.9	10.0	9.2
20 to 49 acres.....	1, 503, 732	1, 450, 643	1, 440, 388	1, 440, 143	1, 221, 006	23.3	22.8	22.9	21.1	20.0
50 to 99 acres.....	1, 474, 745	1, 421, 078	1, 374, 965	1, 444, 007	1, 261, 048	22.9	22.3	21.9	21.2	21.2
100 to 499 acres.....	2, 456, 107	2, 326, 155	2, 314, 858	2, 417, 803	2, 254, 864	38.1	36.5	36.8	35.5	37.0
100 to 174 acres.....	1, 449, 680	1, 383, 777	1, 342, 927	1, 404, 297	1, 278, 617	22.5	21.7	21.4	20.6	21.0
175 to 259 acres.....	530, 800	509, 417	520, 593	540, 267	517, 460	8.2	7.9	8.3	7.9	8.5
260 to 499 acres.....	475, 677	438, 961	451, 838	473, 239	458, 787	7.4	6.9	7.2	6.9	7.5
500 to 999 acres.....	149, 819	143, 852	159, 096	167, 452	163, 694	2.3	2.3	2.5	2.5	2.7
1,000 acres and over.....	67, 405	63, 328	80, 620	88, 662	100, 531	1.0	1.0	1.3	1.3	1.6
All land in farms (thousands of acres)						Percent distribution of land in farms				
Total.....	955, 884	924, 319	986, 771	1, 054, 515	1, 060, 852	100.0	100.0	100.0	100.0	100.0
Under 3 acres.....	34	23	61	51	51	(1)	(1)	(1)	(1)	(1)
3 to 9 acres.....	1, 567	2, 074	1, 847	3, 006	2, 617	0.2	0.2	0.2	0.3	0.2
10 to 19 acres.....	7, 087	8, 060	7, 789	9, 369	7, 907	0.7	0.9	0.8	0.9	0.7
20 to 49 acres.....	48, 466	46, 405	46, 252	46, 594	39, 892	5.1	5.0	4.7	4.4	3.8
50 to 99 acres.....	105, 631	101, 906	98, 635	104, 016	93, 317	11.1	11.0	10.0	9.9	9.9
100 to 499 acres.....	471, 488	443, 912	447, 000	467, 535	441, 366	49.3	48.0	45.3	44.3	41.6
100 to 174 acres.....	194, 681	185, 703	180, 214	188, 599	172, 020	20.4	20.1	18.3	17.9	16.2
175 to 259 acres.....	112, 563	106, 478	110, 265	114, 408	109, 777	11.8	11.5	11.2	10.8	10.3
260 to 499 acres.....	164, 244	151, 731	156, 522	164, 268	159, 569	17.2	16.4	15.9	15.6	13.0
500 to 999 acres.....	100, 976	97, 468	108, 924	114, 244	111, 935	10.6	10.5	11.0	10.8	10.0
1,000 acres and over.....	220, 636	224, 472	276, 213	300, 701	364, 069	23.1	24.3	28.0	29.4	34.3

1945							
SIZE OF FARM	Number of farms	All land in farms (1,000 acres)	Cropland harvested (1,000 acres)	Value of land and buildings (\$1,000)	Number of farms	All land in farms	Value of land and buildings
Total.....	5, 859, 169	1, 141, 615	352, 866	46, 388, 926	100.0	100.0	100.0
Under 3 acres.....	98, 066	141	55	287, 917	1.7	(1)	(1)
3 to 9 acres.....	495, 595	2, 604	1, 219	1, 429, 843	8.5	0.2	0.3
10 to 29 acres.....	945, 608	16, 864	9, 766	2, 750, 849	16.1	1.5	2.8
30 to 49 acres.....	708, 796	27, 074	13, 304	2, 321, 023	12.1	2.4	3.8
50 to 99 acres.....	1, 157, 320	83, 206	35, 864	5, 547, 584	19.8	7.3	10.2
50 to 69 acres.....	472, 415	27, 209	11, 809	1, 919, 184	8.1	2.4	3.3
70 to 99 acres.....	684, 905	55, 997	24, 066	3, 028, 350	11.7	4.9	6.8
100 to 179 acres.....	1, 199, 809	162, 375	73, 264	9, 828, 841	20.5	14.2	20.8
100 to 139 acres.....	633, 851	73, 070	30, 853	4, 352, 514	10.8	6.4	8.7
140 to 179 acres.....	565, 958	89, 305	42, 411	5, 476, 328	9.7	7.8	12.0
180 to 259 acres.....	493, 215	105, 802	49, 027	6, 339, 439	8.4	9.3	13.9
180 to 219 acres.....	282, 839	55, 800	24, 762	3, 263, 383	4.8	4.9	7.0
220 to 259 acres.....	210, 376	50, 002	24, 255	3, 076, 056	3.6	4.4	6.9
260 to 499 acres.....	473, 184	164, 048	76, 209	8, 148, 161	8.1	14.4	21.6
260 to 379 acres.....	331, 727	103, 067	48, 264	5, 418, 975	5.7	9.0	13.7
380 to 499 acres.....	141, 457	61, 581	27, 946	2, 729, 186	2.4	5.4	7.9
500 to 999 acres.....	173, 777	118, 836	46, 308	3, 996, 118	3.0	10.4	13.1
500 to 699 acres.....	105, 515	62, 275	25, 426	2, 285, 239	1.8	5.5	7.2
700 to 999 acres.....	68, 262	56, 560	20, 882	1, 710, 880	1.2	5.0	5.9
1,000 acres and over.....	112, 899	460, 006	47, 849	5, 733, 364	1.9	40.3	13.6

¹ 0.05 percent or less.

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

**No. 700.—FARMS—NUMBER, LAND, AND VALUE, BY COLOR AND TENURE OF OPERATOR:
1910 TO 1945**

["White" includes Mexicans. "Nonwhite" comprises Negroes, Indians, Chinese, Japanese, and all other non-white races. See also *Historical Statistics*, series E 19-24, 31-60]

YEAR, COLOR, AND REGION	All farms	Full owner	Part owner	Manager	TENANT	
					Cash ¹	Other
NUMBER OF FARMS						
United States, total:						
1910-----	6,361,502	3,354,897	593,825	58,104	712,294	1,642,382
1920-----	6,448,343	3,366,510	558,580	68,449	480,009	1,974,795
1930-----	6,288,648	2,911,644	656,750	55,889	489,210	2,175,155
1940-----	6,096,799	3,084,138	615,039	36,351	514,438	1,846,833
1945-----	5,859,169	3,301,361	660,502	38,885	402,175	1,456,246
White:						
1910-----	5,440,619	3,159,088	548,413	56,560	447,851	1,228,707
1920-----	5,498,454	3,174,109	517,759	66,223	373,835	1,366,528
1930-----	5,372,578	2,752,787	612,887	52,767	387,834	1,566,303
1940-----	5,377,728	2,916,562	581,517	35,634	444,205	1,399,810
1945-----	5,169,954	3,126,212	629,734	38,263	326,787	1,043,958
Nonwhite:						
1910-----	920,883	195,809	45,412	1,544	264,443	413,675
1920-----	949,889	192,401	40,821	2,226	106,174	608,267
1930-----	916,070	158,857	43,863	3,122	101,376	608,852
1940-----	719,071	167,576	33,522	717	70,233	447,023
1945-----	689,215	175,149	30,768	622	75,388	407,288
The South, total:						
1910-----	3,097,547	1,329,390	215,121	16,284	453,060	1,083,692
1920-----	3,206,664	1,405,762	191,463	18,318	219,188	1,371,993
1930-----	3,223,816	1,190,683	224,992	17,358	238,032	1,552,751
1940-----	3,007,170	1,327,690	216,607	13,580	254,951	1,194,942
1945-----	2,881,135	1,509,056	193,607	13,193	232,234	933,045
White:						
1910-----	2,207,406	1,154,100	171,044	15,084	192,094	674,184
1920-----	2,283,750	1,227,204	152,432	16,548	118,913	768,653
1930-----	2,342,129	1,050,187	183,469	16,529	140,112	951,832
1940-----	2,326,904	1,185,788	185,246	13,215	189,667	752,988
1945-----	2,215,722	1,348,076	165,355	12,751	159,092	530,448
Nonwhite:						
1910-----	890,141	175,290	43,177	1,200	260,966	409,508
1920-----	922,914	178,558	39,031	1,770	100,275	603,280
1930-----	881,687	140,496	41,523	829	97,920	600,919
1940-----	680,266	141,902	31,361	365	64,684	441,954
1945-----	665,413	160,980	28,252	442	73,142	402,597
LAND IN FARMS (1,000 acres)						
United States, total:						
1910-----	878,798	464,923	133,631	53,731	67,847	158,666
1920-----	955,884	461,260	175,525	54,129	65,095	199,885
1930-----	986,771	372,450	245,926	61,986	71,370	235,039
1940-----	1,060,852	382,098	300,325	66,530	74,889	237,010
1945-----	1,141,615	412,368	371,251	106,372	61,121	190,513
VALUE OF FARMS (LAND AND BUILDINGS) (\$1,000)						
United States, total:						
1910-----	34,801,126	17,310,639	5,056,295	1,456,959	10,977,232	17,773,744
1920-----	66,316,003	30,710,721	9,153,502	2,665,216	6,012,819	12,580,426
1930-----	47,879,838	21,123,408	8,136,335	2,238,478	3,801,132	8,561,788
1940-----	33,641,739	15,297,274	6,112,411	1,442,657	2,227,008	10,610,267
1945-----	46,388,926	21,106,511	10,029,155	2,354,563	2,288,430	10,610,267

¹ 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."

² Of these acreages, operator owned 120,748,000 in 1930, 144,639,000 in 1940, and 192,259,000 in 1945.

³ Of these values, part owners owned property valued at \$3,564,202,000 in 1940 and \$5,898,871,000 in 1945.

Source: Department of Commerce, Bureau of the Census; *1945 Census of Agriculture*, Vol. II.

No. 701.—FARMS—NUMBER, BY TENURE OF OPERATOR, BY STATES: 1945 AND 1950

[For total number of farms (all tenures combined), see table 695. 1950 data are preliminary. See also *Historical Statistics, Series E 19-24*]

DIVISION AND STATE	NUMBER OF FARMS OPERATED BY—								TENANTS AS PERCENT OF TOTAL NUMBER	
	Full owners		Partowners		Managers		Tenants		1945	1950
	1945	1950	1945	1950	1945	1950	1945	1950		
United States.....	3,301,361	3,089,583	660,502	824,923	38,885	23,527	1,858,421	1,444,129	31.7	26.8
New England.....	132,943	86,845	9,370	11,784	2,383	817	5,615	3,779	3.7	3.7
Maine.....	38,736	27,130	1,900	2,283	211	102	1,337	733	3.2	2.6
New Hampshire.....	16,606	11,366	1,274	1,490	238	94	608	441	3.6	3.3
Vermont.....	23,300	15,273	1,567	2,741	321	142	1,302	887	4.9	4.7
Massachusetts.....	33,269	18,766	1,903	2,440	868	277	967	737	2.6	3.3
Rhode Island.....	2,745	1,997	433	594	113	31	312	176	8.7	6.8
Connecticut.....	18,287	12,263	2,293	2,426	632	171	1,029	755	4.6	4.8
Middle Atlantic.....	270,001	234,472	35,813	36,987	4,511	1,934	37,152	23,309	10.7	7.9
New York.....	116,070	97,576	19,045	18,934	2,038	833	12,337	7,634	8.3	6.1
New Jersey.....	19,759	19,557	3,221	3,054	575	312	2,671	1,915	10.2	7.7
Pennsylvania.....	134,172	117,339	13,547	14,999	1,898	789	22,144	13,760	12.9	9.4
East North Central.....	588,434	562,255	134,460	144,522	6,346	3,165	224,557	175,462	23.5	19.8
Ohio.....	146,331	134,969	24,835	28,026	1,399	722	48,010	35,642	21.8	17.9
Indiana.....	108,199	105,363	26,891	28,615	978	539	39,902	32,108	22.7	19.3
Illinois.....	87,527	87,234	35,266	39,771	1,680	793	79,766	67,470	39.1	34.6
Michigan.....	126,589	113,914	27,096	27,231	1,047	492	20,536	13,952	11.7	9.0
Wisconsin.....	119,788	120,773	20,872	20,879	1,242	619	36,343	26,290	20.4	15.6
West North Central.....	468,942	482,546	204,908	220,872	4,057	2,520	354,086	276,797	34.3	28.2
Minnesota.....	103,363	108,487	34,354	34,843	750	375	50,485	37,396	26.7	20.9
Iowa.....	94,573	94,833	25,195	30,229	921	561	88,245	77,530	42.2	38.2
Missouri.....	145,426	146,427	31,552	36,674	810	555	65,146	46,380	26.8	20.2
North Dakota.....	22,160	25,483	27,775	25,493	361	125	19,324	14,300	27.8	21.9
South Dakota.....	17,329	20,697	24,898	25,334	212	224	26,166	20,197	38.1	30.4
Nebraska.....	35,622	37,939	24,003	27,164	432	333	53,099	41,747	47.5	38.9
Kansas.....	52,469	50,680	36,631	41,135	571	347	51,621	39,232	36.0	29.9
South Atlantic.....	583,525	546,883	57,915	100,491	6,614	3,936	395,421	307,688	37.9	32.1
Delaware.....	6,527	5,194	629	917	205	72	1,935	1,265	20.8	17.0
Maryland.....	28,986	25,671	2,564	3,387	832	338	9,493	6,711	23.0	18.6
District of Columbia.....	17	16	2	2	20	9	1	1	2.5	3.6
Virginia.....	124,883	108,338	12,219	16,209	1,273	571	35,176	25,879	20.3	17.1
West Virginia.....	73,898	67,583	4,398	5,280	417	218	14,387	8,353	14.7	10.3
North Carolina.....	144,450	142,086	19,835	35,422	550	516	122,577	110,486	42.6	38.3
South Carolina.....	59,757	59,282	7,486	16,495	473	401	80,029	63,186	54.2	45.3
Georgia.....	96,134	95,908	7,217	16,619	1,008	844	121,538	84,820	53.8	42.8
Florida.....	45,473	42,806	3,565	6,160	1,836	967	10,285	6,988	16.8	12.3
East South Central.....	498,413	478,925	52,096	97,736	2,182	2,062	407,144	334,279	42.4	36.6
Kentucky.....	159,889	143,455	14,332	25,493	435	416	63,845	49,112	26.8	22.5
Tennessee.....	139,072	134,670	17,615	28,851	390	377	77,354	67,733	33.0	29.2
Alabama.....	100,072	97,747	13,218	25,716	389	436	109,690	87,613	49.1	41.4
Mississippi.....	99,380	103,053	6,925	17,676	968	833	156,255	129,821	59.3	51.6
West South Central.....	427,118	385,315	83,602	127,772	4,397	3,981	362,714	263,355	41.3	33.7
Arkansas.....	99,694	93,643	9,904	19,040	561	544	88,610	68,602	44.6	37.6
Louisiana.....	58,761	62,810	6,433	11,854	560	588	63,541	49,199	49.1	39.6
Oklahoma.....	70,669	63,723	27,552	33,315	698	481	65,771	44,727	39.9	31.4
Texas.....	197,994	165,139	39,613	63,233	2,578	2,368	144,792	100,827	37.6	30.4
Mountain.....	119,910	112,155	51,262	49,543	2,536	1,922	38,819	31,238	18.3	16.0
Montana.....	16,622	16,090	14,530	13,573	317	267	6,278	5,155	16.6	14.7
Idaho.....	26,109	25,947	6,785	6,890	240	164	8,364	7,283	20.2	18.1
Wyoming.....	5,772	6,008	4,406	4,249	301	214	2,597	2,143	19.9	17.0
Colorado.....	22,586	23,582	10,809	11,255	528	366	13,295	10,375	27.9	22.8
New Mexico.....	18,232	14,533	7,088	5,731	299	278	4,076	3,057	13.7	13.0
Arizona.....	9,064	6,718	1,867	2,115	525	343	1,686	1,236	12.8	11.9
Utah.....	18,483	16,854	5,440	5,371	193	196	2,206	1,755	8.4	7.3
Nevada.....	2,642	2,423	337	359	133	94	317	234	9.2	7.5
Pacific.....	212,075	200,187	31,682	35,216	5,859	3,190	32,913	28,222	11.7	10.6
Washington.....	61,280	53,284	9,042	9,456	596	361	8,969	6,719	11.2	9.6
Oregon.....	47,847	46,069	7,934	8,282	521	273	6,823	5,203	10.8	8.7
California.....	102,948	100,834	14,106	17,478	4,742	2,556	17,121	16,300	12.3	11.9

Source: Department of Commerce, Bureau of the Census; *1945 Census of Agriculture*, Vol. II, and preliminary data from 1950 Census of Agriculture.

No. 702.—FARM ACREAGE, BY TENURE OF OPERATOR, BY STATES: 1945 AND 1950

[In thousands of acres. For total farm acreage (all tenures combined), see table 695. 1950 data are preliminary. See also *Historical Statistics*, series E 31-35]

ALL LAND IN FARMS OPERATED BY—										
DIVISION AND STATE	Full owners		Part owners				Managers		Tenants	
			Total		Rented					
	1945	1950	1945	1950	1945	1950	1945	1950	1945	1950
United States.....	412,358	418,970	371,251	422,395	178,992	196,057	106,372	105,241	251,634	211,960
The North.....	170,048	174,825	143,654	153,937	66,541	69,185	9,582	8,092	124,431	103,975
The South.....	178,119	173,812	71,402	108,324	34,350	52,919	29,057	29,834	99,216	81,245
The West.....	64,191	70,333	156,195	160,133	78,101	73,953	67,732	67,316	27,987	26,740
New England:										
Maine.....	4,066	3,522	370	510	101	121	71	70	106	79
New Hampshire.....	1,616	1,265	238	342	72	97	97	50	67	57
Vermont.....	3,260	2,578	368	722	122	213	101	62	202	165
Massachusetts.....	1,650	1,150	216	348	78	110	167	99	45	55
Rhode Island.....	169	122	44	46	20	19	30	9	22	14
Connecticut.....	1,058	770	340	373	128	138	126	55	69	74
Middle Atlantic:										
New York.....	11,872	10,927	3,446	3,712	1,213	1,248	657	308	1,593	1,070
New Jersey.....	1,051	1,008	364	403	136	146	171	113	231	201
Pennsylvania.....	10,434	10,009	1,941	2,285	694	795	493	306	2,152	1,513
East North Central:										
Ohio.....	11,340	10,886	4,069	4,655	1,843	2,202	440	267	6,079	5,160
Indiana.....	8,898	8,619	4,952	5,380	2,373	2,754	331	251	5,846	5,409
Illinois.....	8,929	8,748	7,856	8,882	3,953	4,856	524	364	14,293	12,985
Michigan.....	10,868	10,440	4,530	4,672	1,855	1,912	418	225	2,576	1,933
Wisconsin.....	14,218	14,979	3,695	3,889	1,369	1,388	414	285	5,289	4,068
West North Central:										
Minnesota.....	14,388	16,175	8,857	9,042	3,694	3,736	299	188	9,506	7,478
Iowa.....	12,535	12,431	5,831	7,030	2,587	3,501	314	235	15,774	14,568
Missouri.....	18,102	19,044	7,460	8,736	3,317	3,875	463	420	9,254	6,924
North Dakota.....	8,887	11,852	22,471	21,644	10,347	9,401	444	294	9,200	7,404
South Dakota.....	5,091	7,551	26,579	27,438	14,290	12,188	1,363	1,763	9,988	8,033
Nebraska.....	10,644	12,407	18,832	19,775	7,359	7,899	1,869	2,013	16,408	13,272
Kansas.....	10,972	10,332	21,194	24,052	10,983	12,588	790	714	15,633	13,514
South Atlantic:										
Delaware.....	511	467	94	158	39	62	55	38	264	188
Maryland.....	2,368	2,429	376	503	147	218	278	167	1,177	896
Dist. of Columbia.....	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	2	1	(¹)	(¹)
Virginia.....	11,065	10,505	1,643	2,447	602	885	769	531	2,880	2,089
West Virginia.....	6,775	6,410	877	882	261	321	176	116	1,092	806
North Carolina.....	10,482	10,544	1,646	3,148	608	1,283	295	385	6,195	5,240
South Carolina.....	6,042	6,149	919	2,339	357	954	501	585	3,560	2,805
Georgia.....	12,350	14,076	1,396	3,758	510	1,540	1,137	1,454	8,793	6,463
Florida.....	6,402	7,279	3,569	4,985	1,878	2,508	2,281	3,369	833	895
East South Central:										
Kentucky.....	13,457	12,682	1,578	2,852	596	1,098	221	228	4,469	3,681
Tennessee.....	10,886	11,031	1,896	3,102	686	1,317	217	245	4,790	4,097
Alabama.....	10,044	10,639	2,094	4,418	869	2,016	501	683	6,428	5,148
Mississippi.....	11,534	11,756	1,220	3,193	502	1,490	1,148	1,072	5,714	4,691
West South Central:										
Arkansas.....	10,238	10,318	1,777	3,716	760	1,786	614	610	4,828	4,227
Louisiana.....	5,258	5,266	1,128	2,390	569	1,372	850	1,201	2,804	2,345
Oklahoma.....	9,841	9,825	13,435	15,980	6,527	7,498	1,475	1,087	11,410	9,115
Texas.....	50,865	44,438	37,954	54,332	19,440	28,570	18,538	18,062	33,980	28,557
Mountain:										
Montana.....	9,100	10,999	39,642	39,078	18,335	15,776	5,291	4,000	4,745	5,171
Idaho.....	4,812	5,216	5,519	5,819	2,470	2,518	668	660	1,504	1,538
Wyoming.....	3,290	3,808	19,519	20,170	8,052	7,892	7,806	8,382	2,501	2,060
Colorado.....	7,616	9,238	19,976	20,425	8,761	8,244	3,698	3,767	5,027	4,523
New Mexico.....	8,703	7,726	24,750	24,073	14,031	12,063	13,133	12,735	3,023	2,989
Arizona.....	1,534	3,006	11,581	11,892	9,157	8,448	23,568	24,126	1,173	892
Utah.....	3,694	3,686	4,344	4,622	1,904	1,694	1,850	2,202	421	355
Nevada.....	1,533	2,392	1,289	1,611	635	689	3,123	2,855	233	205
Pacific:										
Washington.....	5,003	4,843	7,992	8,535	3,825	4,228	818	1,217	2,908	2,774
Oregon.....	7,708	8,085	8,700	9,094	3,691	3,764	1,569	1,469	1,778	1,679
California.....	11,189	11,336	12,883	14,814	7,241	8,237	6,309	5,911	4,674	4,553

¹ 500 acres or less.

Source: Department of Commerce, Bureau of the Census; 1945 *Census of Agriculture* Vol. II, and preliminary data from 1950 *Census of Agriculture*.

No. 703.—VALUE OF FARMS (LAND AND BUILDINGS), BY TENURE OF OPERATOR, BY STATES: 1940 AND 1945

[For total value of farms and average value per farm for all tenures combined, see table 695]

DIVISION AND STATE	VALUE OF FARMS (LAND AND BUILDINGS) IN MILLIONS OF DOLLARS								AVERAGE VALUE PER FARM (DOLLARS), 1945			
	Full owners		Part owners		Managers		Tenants		Full owners	Part owners	Managers	Tenants
	1940	1945	1940	1945	1940	1945	1940	1945				
United States	15,297.3	21,106.5	6,112.4	10,029.2	1,442.7	2,354.6	10,789.4	12,898.7	6,393	15,184	60,552	6,941
The North.	8,412.0	10,604.4	3,424.9	5,885.9	493.7	722.3	6,578.5	8,188.8	7,262	15,306	41,760	13,178
The South.	4,582.5	6,802.1	1,350.8	1,932.6	552.4	798.6	3,230.4	3,615.6	4,508	9,982	60,530	3,103
The West.	2,302.7	3,700.0	1,336.7	2,210.7	396.6	833.7	980.4	1,094.3	11,145	26,847	99,304	15,256
New England:												
Maine	107.2	138.6	6.9	13.2	3.6	4.3	6.4	3.7	3,577	6,923	20,324	2,752
N. Hamp.	51.0	63.3	4.0	8.4	3.5	5.9	3.7	2.3	3,810	6,574	24,930	4,217
Vermont	85.3	109.9	10.3	12.9	4.6	5.4	10.8	6.4	4,718	8,201	16,728	4,932
Mass.	159.1	199.6	15.2	22.7	26.2	37.7	11.6	5.2	5,999	11,926	43,484	5,395
Rhode Island	16.9	20.9	3.4	6.8	3.7	5.6	2.3	2.3	7,609	15,714	49,491	7,468
Connecticut	138.2	166.9	22.6	36.9	29.6	50.4	14.3	8.9	9,127	16,088	70,669	8,628
Middle Atlantic:												
New York	649.9	687.5	125.7	212.9	55.5	100.2	116.0	86.9	5,924	11,179	49,161	7,043
New Jersey	152.0	176.1	23.2	52.5	19.9	37.8	32.7	26.5	8,913	16,302	65,783	9,934
Pennsylvania	595.3	669.4	58.7	124.7	64.3	73.6	146.0	140.8	4,989	9,208	38,764	6,359
E. N. Central:												
Ohio	776.0	932.1	196.7	350.7	37.0	59.5	434.1	526.1	6,370	14,120	42,560	10,968
Indiana	565.5	776.0	236.8	430.6	25.3	36.4	423.9	551.4	7,172	16,013	37,183	13,818
Illinois	734.5	969.6	487.1	814.4	57.4	82.3	1,258.2	1,796.3	11,077	23,092	48,999	22,519
Michigan	579.8	710.0	142.5	281.1	25.5	40.1	164.7	168.1	5,609	10,375	38,258	8,185
Wisconsin	757.2	847.5	123.9	208.0	23.5	34.8	283.9	344.0	7,075	10,212	27,991	9,465
W. N. Central:												
Minnesota	655.7	820.8	270.6	416.1	13.8	21.0	502.9	575.8	7,941	12,112	28,033	11,405
Iowa	981.3	1,331.5	384.6	584.4	31.4	33.4	1,293.4	1,661.8	14,079	23,196	36,274	18,831
Missouri	506.4	738.5	189.7	319.5	27.0	28.2	384.2	440.8	5,078	10,125	34,888	6,766
N. Dakota	119.9	189.2	191.9	345.6	3.8	7.3	174.6	166.3	8,538	12,442	27,832	8,605
S. Dakota	93.9	155.7	171.4	331.6	5.0	11.8	235.1	265.2	8,986	13,316	37,802	10,137
Nebraska	303.5	408.3	297.8	521.9	15.0	22.6	521.5	746.5	12,144	21,211	52,226	14,058
Kansas	383.5	492.9	461.7	791.2	18.0	24.1	558.1	663.1	9,394	21,659	42,278	12,845
South Atlantic:												
Delaware	32.5	40.7	3.4	6.0	2.6	11.8	16.5	14.2	6,237	9,508	57,420	7,355
Maryland	173.0	209.2	13.2	33.2	19.1	35.2	68.6	77.2	7,370	12,942	42,342	8,131
Dist. of Col.	5.5	3.3	(1)	(1)	5.1	4.6	2.2	(1)	(2)	(2)	(2)	(3)
Virginia	450.8	602.7	62.7	87.7	39.5	57.9	122.0	120.5	4,845	7,181	45,498	3,425
W. Virginia	199.7	264.6	17.8	25.5	8.0	11.4	44.3	39.4	3,375	5,807	27,333	2,742
N. Carolina	376.8	538.3	64.8	87.4	13.7	16.6	281.3	360.7	3,727	4,405	30,179	2,943
S. Carolina	163.4	240.6	32.9	33.5	14.3	16.0	127.9	150.6	4,026	4,471	33,732	1,882
Georgia	214.3	353.3	32.5	39.2	23.5	29.7	210.0	232.0	3,675	5,438	29,492	1,909
Florida	191.5	314.9	27.7	44.0	75.1	115.6	30.0	23.9	6,925	12,341	62,959	2,324
E. S. Central:												
Kentucky	487.2	666.6	62.0	75.3	20.8	31.5	206.5	242.4	4,169	5,255	72,339	3,797
Tennessee	385.0	536.8	65.1	92.5	13.3	16.9	201.0	224.8	3,860	5,253	43,313	2,906
Alabama	180.9	290.5	44.6	62.8	9.5	15.0	173.8	191.4	2,903	4,749	38,610	1,745
Mississippi	211.0	331.2	30.8	38.1	34.7	59.5	198.5	218.8	3,333	5,500	61,422	1,400
W. S. Central:												
Arkansas	195.2	339.4	51.9	63.6	19.2	32.9	190.6	226.8	3,405	6,424	58,676	2,560
Louisiana	150.5	231.6	40.6	58.4	27.5	43.6	135.3	138.6	3,942	9,079	77,938	2,182
Oklahoma	236.5	346.1	237.6	375.4	21.1	28.0	336.0	356.6	4,897	13,575	40,182	5,422
Texas	933.5	1,495.2	563.2	809.9	205.3	272.3	888.0	997.6	7,552	20,444	105,635	6,890
Mountain:												
Montana	98.3	139.1	162.2	285.8	18.2	30.9	71.5	62.1	8,368	19,670	97,533	9,887
Idaho	162.9	233.9	85.2	144.0	6.8	11.2	84.3	104.1	8,960	21,227	46,888	12,451
Wyoming	45.3	54.0	70.7	118.1	17.5	31.8	25.5	28.1	9,354	26,814	105,786	10,808
Colorado	135.9	189.1	105.6	204.4	17.5	26.0	129.4	145.0	8,227	18,911	49,224	10,905
New Mexico	70.6	100.9	72.2	141.7	14.9	49.3	29.9	34.8	5,536	19,992	164,885	8,541
Arizona	59.8	101.1	48.7	73.6	26.5	86.4	19.2	26.8	11,151	39,425	164,623	15,878
Utah	92.8	148.4	40.1	80.0	4.3	14.0	17.2	19.4	8,029	14,702	72,569	8,812
Nevada	27.5	36.4	6.1	11.4	9.6	19.0	4.5	6.1	13,777	33,897	142,922	16,167
Pacific:												
Washington	296.2	455.3	158.9	257.7	18.1	31.4	120.2	155.8	7,430	28,496	52,720	17,372
Oregon	251.0	393.9	130.8	195.8	15.1	28.0	80.0	80.1	8,233	24,675	53,740	11,737
California	1,063.0	1,847.9	456.3	693.1	248.3	505.5	398.8	433.0	17,950	49,493	106,602	25,291

¹ Less than \$50,000.² Not shown separately.Source: Department of Commerce, Bureau of the Census; 1945 *Census of Agriculture*, Vol. II.

No. 704.—FARMS—NUMBER, ACREAGE, AND AVERAGE VALUE, BY COLOR OF OPERATOR, BY STATES: 1945 AND 1950

[Acreage in thousands; average value in dollars. 1950 data are preliminary. For definition of white and nonwhite, see headnote, table 700, p. 581. See also *Historical Statistics* series E 43-45]

DIVISION AND STATE	NUMBER OF FARMS				ALL LAND IN FARMS				AVERAGE VALUE (LAND AND BUILDINGS) ¹			
	White		Nonwhite		White		Nonwhite		Per farm		Per acre	
	1945	1950	1945	1950	1945	1950	1945	1950	White, 1950	Non-white, 1950	White, 1950	Non-white, 1950
U. S.	5,169,954	4,801,243	689,215	580,919	1,100,859	1,095,919	40,757	62,647	(2)	(2)	(2)	(2)
N. E.:												
Maine.....	42,145	30,339	39	19	4,611	4,180	2	2	(2)	(2)	(2)	(2)
N. H.....	18,782	13,386	4	5	2,017	1,713	(3)	(3)	(2)	(2)	(2)	(2)
Vt.....	26,476	19,032	14	11	3,928	3,525	3	2	(2)	(2)	(2)	(2)
Mass.....	36,653	22,121	354	99	2,073	1,657	6	4	(2)	(2)	(2)	(2)
R. I.....	3,589	2,594	14	4	265	191	(3)	(3)	(2)	(2)	(2)	(2)
Conn.....	22,177	15,586	64	29	1,591	1,271	2	1	(2)	(2)	(2)	(2)
M. A.:												
N. Y.....	148,828	124,602	662	375	17,524	15,982	45	34	(2)	(2)	(2)	(2)
N. J.....	25,529	24,358	697	480	1,799	1,710	19	16	(2)	(2)	(2)	(2)
Pa.....	171,412	146,609	349	278	15,001	14,097	20	16	(2)	(2)	(2)	(2)
E. N. C.:												
Ohio.....	219,459	198,420	1,116	939	21,851	20,908	77	61	(2)	(2)	(2)	(2)
Ind.....	175,594	166,306	376	321	20,003	19,638	24	20	(2)	(2)	(2)	(2)
Ill.....	203,325	194,438	914	830	31,549	30,926	53	52	(2)	(2)	(2)	(2)
Mich.....	174,247	154,792	1,021	797	18,334	17,227	58	43	(2)	(2)	(2)	(2)
Wis.....	177,466	168,338	279	223	23,594	23,204	21	18	(2)	(2)	(2)	(2)
W. N. C.:												
Minn.....	188,745	178,954	207	147	33,119	32,862	21	21	(2)	(2)	(2)	(2)
Iowa.....	208,790	203,069	144	90	34,444	34,256	10	9	(2)	(2)	(2)	(2)
Mo.....	238,937	226,813	3,997	3,232	36,101	34,981	178	142	(2)	(2)	(2)	(2)
N. Dak.....	68,789	64,800	731	601	40,783	40,925	218	209	(2)	(2)	(2)	(2)
S. Dak.....	67,156	65,237	1,549	1,215	41,884	42,723	1,148	2,063	(2)	(2)	(2)	(2)
Nebr.....	111,547	107,049	209	134	47,724	47,435	29	32	(2)	(2)	(2)	(2)
Kans.....	140,403	130,920	789	474	48,478	48,553	112	58	(2)	(2)	(2)	(2)
S. A.:												
Del.....	8,605	7,056	691	392	888	831	36	20	12,941	5,689	115.28	105.06
Md.....	37,057	32,504	4,218	3,603	3,947	3,865	253	191	15,032	5,419	125.26	112.02
D. C.....	37	27	1	1	2	1	(1)	(2)	(2)	(2)	(2)	(2)
Va.....	138,096	122,399	34,955	28,598	14,607	14,021	1,851	1,551	9,574	3,434	84.28	63.93
W. Va.....	96,900	81,062	700	872	8,689	8,195	30	19	5,800	3,980	58.72	64.84
N. C.....	213,139	215,956	74,273	72,552	16,308	16,191	3,310	3,127	7,125	4,524	97.32	106.03
S. C.....	78,009	78,022	69,136	61,842	8,203	9,816	2,819	2,562	7,827	2,765	70.62	66.15
Ga.....	155,486	147,834	70,411	50,357	19,017	22,209	4,658	3,543	6,261	2,523	44.39	36.32
Fla.....	50,724	49,415	10,435	7,500	12,572	15,967	511	560	17,443	2,509	58.70	31.53
E. S. C.:												
Ky.....	232,542	213,583	5,959	4,893	19,499	19,241	226	201	7,223	3,695	80.60	88.63
Tenn.....	206,902	207,570	27,529	24,061	16,608	17,514	1,121	1,021	6,460	3,103	77.44	73.49
Ala.....	156,139	154,218	67,230	57,294	15,600	17,974	3,468	2,915	5,625	1,968	50.57	38.98
Miss.....	121,215	128,294	142,313	123,089	14,393	16,118	5,223	4,592	6,838	1,990	66.35	54.40
W. S. C.:												
Ark.....	147,494	141,588	51,275	40,841	15,728	17,413	1,728	1,458	7,039	2,556	59.34	70.29
La.....	80,164	83,525	49,131	40,656	8,335	9,802	1,705	1,400	9,057	2,648	83.25	77.28
Okla.....	153,586	133,228	11,204	9,018	35,040	35,056	1,121	951	13,622	3,642	51.83	35.25
Tex.....	539,027	297,052	45,950	34,515	138,628	143,224	2,710	2,165	22,071	3,166	46.07	52.17
Mt.:												
Mont.....	36,508	34,281	1,239	804	57,820	57,988	967	1,259	(2)	(2)	(2)	(2)
Idaho.....	40,961	39,824	537	460	12,451	13,047	53	177	(2)	(2)	(2)	(2)
Wyo.....	12,751	12,991	325	223	32,814	32,323	302	2,098	(2)	(2)	(2)	(2)
Colo.....	47,008	45,150	610	428	35,531	37,126	687	828	(2)	(2)	(2)	(2)
N. Mex.....	27,895	21,815	1,800	1,784	46,451	40,828	3,157	6,094	(2)	(2)	(2)	(2)
Ariz.....	12,136	9,317	1,006	1,095	35,960	20,428	1,896	19,489	(2)	(2)	(2)	(2)
Utah.....	25,893	23,851	429	325	10,277	10,130	32	735	(2)	(2)	(2)	(2)
Nev.....	2,987	2,753	442	357	5,838	6,122	340	941	(2)	(2)	(2)	(2)
Pac.:												
Wash.....	79,078	68,944	809	876	16,616	16,853	103	511	(2)	(2)	(2)	(2)
Oreg.....	62,687	59,337	458	490	19,066	19,921	88	407	(2)	(2)	(2)	(2)
Calif.....	136,279	132,484	2,638	4,684	34,738	36,245	317	369	(2)	(2)	(2)	(2)

¹ Based on reports for only a sample of farms. ² Not available. ³ 500 acres or less.Source: Department of Commerce, Bureau of the Census; 1945 *Census of Agriculture*, Vol. II, and preliminary data from 1950 *Census of Agriculture*.

No. 705.—MORTGAGED FARMS—NUMBER, ACREAGE, VALUE, AND AMOUNT OF INDEBTEDNESS IN COMPARISON WITH ALL FARMS, BY TENURE AND REGION: 1930 TO 1945

REGION AND TENURE	FARMS			LAND IN FARMS			VALUE OF FARMS (LAND AND BUILDINGS)			MORTGAGE DEBT				Equity per mortgaged farm	
	Total number	Mortgaged farms		All farms, acres (1,000)	Mortgaged farms		All farms (\$1,000)	Mortgaged farms		Total (\$1,000)	Ratio of value of mortgaged farms (percent)	Debt per acre	Debt per farm		
		Number	Per-cent of total		Acres (1,000)	Per-cent of total		Amount (\$1,000)	Per-cent of total						
United States, all tenures.....															
1930	6,288,648	2,623,223	40.1	986,771	(1)	(1)	47,879,838	(1)	(1)	9,630,768	(1)	(1)	\$3,817	(1)	
1935	6,812,350	2,350,313	34.5	1,054,515	(1)	(1)	32,388,844	(1)	(1)	7,584,459	(1)	(1)	3,227	(1)	
1940	6,096,799	2,363,777	38.8	1,060,852	457,374	43.1	33,641,739	15,873,779	47.2	6,586,399	41.5	\$14.40	2,786	\$3,929	
1945	5,859,169	1,711,665	29.2	1,141,615	371,968	32.6	46,388,926	16,353,731	35.3	4,332,942	30.2	13.26	2,882	6,672	
Full owners.....															
1930	2,911,644	1,231,668	42.3	372,450	182,081	48.9	21,123,468	10,955,133	51.9	4,337,225	39.6	23.82	3,521	5,374	
1935	3,210,224	1,270,107	39.6	390,978	181,868	46.5	14,824,645	7,338,406	49.5	3,682,364	50.2	20.25	2,899	2,879	
1940	3,084,138	1,278,312	41.4	382,098	180,452	47.2	15,297,274	7,887,163	51.6	3,633,376	42.5	18.58	2,623	3,547	
1945	3,301,361	996,592	30.2	412,358	143,917	36.1	21,106,511	8,100,104	38.7	2,687,459	32.9	18.05	2,697	5,491	
Part owners (owned portion only).....															
1930	658,750	300,033	54.8	120,748	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	
1935	688,877	319,038	50.7	131,703	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	
1940	613,030	355,416	54.7	144,039	93,882	64.9	3,594,202	2,338,403	66.2	1,105,664	46.9	11.78	3,287	3,724	
1945	600,502	272,879	41.3	192,259	89,420	46.5	5,898,871	2,854,700	48.4	872,263	30.6	9.75	3,196	7,265	
Tenants and managers (and rented portion of part-owner farms) ¹															
1930	2,720,254	931,522	34.2	493,573	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	
1935	2,913,250	733,148	25.1	531,834	183,040	34.3	14,780,262	5,638,213	38.1	2,127,359	37.8	11.62	(1)	(1)	
1940	2,397,622	749,049	31.2	584,115	133,631	24.9	19,383,544	5,338,927	27.5	1,372,230	25.7	10.28	(1)	(1)	
1945	1,897,306	442,194	23.3	586,968	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	
The North, all tenures.....															
1930	2,561,785	1,202,261	46.9	425,709	(1)	(1)	28,253,801	(1)	(1)	6,082,064	(1)	(1)	5,059	(1)	
1935	2,819,468	1,125,440	39.9	441,053	(1)	(1)	19,024,668	(1)	(1)	4,789,206	(1)	(1)	4,255	(1)	
1940	2,579,959	1,127,665	43.7	435,088	191,630	44.0	18,060,131	9,026,399	47.7	4,122,159	45.7	21.51	3,655	4,349	
1945	2,483,578	853,788	35.6	445,713	163,535	36.5	23,401,414	9,474,471	37.3	3,023,638	31.9	18.49	3,421	7,299	
The South, all tenures.....															
1930	3,223,816	1,067,662	33.1	343,083	(1)	(1)	12,943,863	(1)	(1)	2,061,408	(1)	(1)	1,931	(1)	
1935	3,421,923	988,780	28.8	376,206	(1)	(1)	8,736,858	(1)	(1)	1,657,183	(1)	(1)	1,676	(1)	
1940	3,007,170	1,003,319	33.4	377,188	163,471	44.2	9,716,128	4,220,891	43.4	1,902,187	35.6	9.19	1,497	2,710	
1945	2,881,135	680,309	22.6	317,795	115,409	30.5	13,148,834	4,073,520	31.0	1,184,935	29.1	10.27	1,795	4,375	
The West all tenures.....															
1930	503,047	236,000	50.4	217,975	(1)	(1)	7,282,444	(1)	(1)	1,487,296	(1)	(1)	5,872	(1)	
1935	570,959	236,083	41.4	236,556	(1)	(1)	5,097,317	(1)	(1)	1,138,100	(1)	(1)	4,821	(1)	
1940	509,670	232,763	45.7	255,596	102,273	40.0	5,016,480	2,626,489	52.4	962,053	36.6	9.41	4,133	7,151	
1945	494,456	167,568	33.9	316,105	93,004	29.4	7,538,677	2,805,740	35.8	734,349	25.8	7.79	4,323	12,421	

¹ Not available.² Acres, value, and debt for part owners represent owned portion only; similar data for rented portion included with data for tenants and managers. Therefore, average debt and equity per farm are not shown for "tenants and managers" group. Cropper operations are included in the "tenants and managers" group.Source: Department of Commerce, Bureau of the Census and Department of Agriculture, Bureau of Agricultural Economics; cooperative report, *Farm Mortgage Debt in the United States*.

No. 706.—MORTGAGED FARMS—NUMBER, AMOUNT OF INDEBTEDNESS, ACREAGE, AND VALUE, BY STATES: 1940 AND 1945

DIVISION AND STATE	TOTAL NUMBER OF MORTGAGED FARMS		PERCENT OF ALL FARMS		TOTAL AMOUNT OF FARM-MORTGAGE DEBT (\$1,000)		ALL MORTGAGED FARMS					
							Acreage (1,000)		Value of land and buildings (\$1,000)		Ratio of debt to value (percent)	
	1940	1945	1940	1945	1940	1945	1940	1945	1940	1945	1940	1945
U. S.	2,363,777	1,711,665	38.8	29.2	6,586,399	4,932,942	457,374	371,968	15,873,779	16,353,731	41.5	30.2
New England	62,918	53,274	46.5	35.4	150,499	114,860	6,380	5,208	390,499	358,160	38.5	32.1
Maine	13,862	10,670	35.6	25.3	24,757	16,713	1,659	1,322	57,622	50,895	43.0	32.8
N. H.	7,048	6,068	42.6	32.2	11,220	9,706	794	650	27,649	27,649	37.1	35.1
Vt.	12,587	9,597	53.4	36.2	27,814	21,975	2,099	1,643	65,070	54,385	42.7	40.4
Mass.	17,152	17,128	53.8	46.3	45,845	36,778	1,007	934	112,982	117,631	40.6	31.3
R. I.	1,237	1,300	41.0	36.1	4,121	3,583	77	77	10,745	12,143	38.4	29.5
Conn.	11,032	8,521	52.1	38.3	36,742	26,105	744	583	113,827	95,457	32.3	27.3
Middle Atlantic	139,627	112,727	40.1	32.4	372,155	293,793	14,360	11,801	918,578	831,371	40.5	35.3
N. Y.	70,580	55,828	46.1	37.3	191,786	147,200	8,245	6,765	460,258	418,734	41.7	35.2
N. J.	12,834	10,785	49.7	41.1	48,791	39,235	935	744	118,812	123,378	41.1	31.8
Pa.	56,213	46,114	33.3	26.8	131,578	107,358	5,180	4,292	339,508	289,259	38.8	37.1
E. N. Central	430,732	323,707	42.8	33.9	1,425,539	1,020,938	50,268	40,246	3,349,253	3,472,210	42.6	29.4
Ohio	86,586	60,941	37.0	27.6	239,050	167,463	8,211	5,992	590,214	528,859	40.5	31.7
Ind.	80,600	65,700	46.9	37.4	236,266	176,468	9,797	7,785	628,671	694,248	37.6	25.4
Ill.	74,390	50,458	34.9	24.7	418,970	269,947	17,628	8,801	1,035,561	1,136,846	40.0	23.7
Mich.	85,321	65,391	45.5	37.3	174,308	144,988	8,177	6,983	446,994	440,521	41.0	32.4
Wis.	97,835	81,127	52.4	45.6	356,936	262,072	12,455	10,684	660,286	665,263	53.3	39.4
W. N. Central	494,418	394,080	45.3	38.2	2,173,966	1,594,067	120,622	106,300	4,368,069	4,812,730	49.8	33.1
Minn.	95,594	83,255	48.4	44.1	375,990	304,641	16,463	15,127	704,567	864,356	49.2	35.2
Iowa	102,793	86,867	48.2	41.6	705,589	525,939	17,220	15,154	1,399,408	1,584,858	50.4	33.2
Mo.	108,703	81,460	42.4	33.5	229,377	197,529	14,995	12,434	506,368	562,861	45.3	35.1
N. Dak.	33,635	27,048	45.5	39.8	141,230	91,461	15,528	14,048	246,170	260,898	57.4	35.1
S. Dak.	29,700	27,129	41.0	39.5	127,706	98,788	12,871	14,303	225,875	275,337	56.5	35.9
Nebr.	54,240	41,113	44.8	36.8	309,826	204,174	22,623	19,019	566,418	649,611	54.7	31.4
Kans.	69,747	46,602	44.6	33.0	284,248	171,535	20,929	16,216	659,323	614,839	43.1	27.9
S. Atlantic	297,795	209,537	29.2	20.1	405,057	335,712	32,397	24,238	1,161,007	1,088,358	34.9	30.8
Del.	3,272	2,706	36.4	29.1	7,957	6,498	313	282	20,628	20,281	38.6	32.0
Md.	15,781	13,884	37.4	33.6	46,675	40,627	1,810	1,564	118,939	128,688	39.2	31.6
Va.	43,415	30,072	24.8	17.4	72,299	61,765	4,655	3,602	209,374	220,114	34.5	28.1
W. Va.	19,192	12,411	19.3	12.7	21,969	18,658	1,959	1,456	67,914	50,724	32.3	31.2
N. C.	80,910	48,341	29.1	16.8	90,071	73,917	5,890	3,955	255,162	223,242	35.3	33.1
S. C.	40,792	32,892	29.7	22.3	45,948	37,590	4,160	3,048	136,091	118,759	33.8	31.7
Ga.	74,033	57,361	34.3	25.4	82,037	66,344	9,895	7,535	216,320	203,727	37.9	32.6
Fla.	20,400	11,870	32.8	19.4	38,101	30,313	3,686	2,796	138,578	113,823	27.9	26.6
E. S. Central	374,352	222,558	36.6	23.2	384,094	297,320	31,710	20,606	1,021,144	925,198	37.6	32.1
Ky.	67,387	44,713	26.6	18.7	109,253	81,579	6,674	4,486	300,457	270,311	38.4	29.5
Tenn.	74,618	42,942	30.1	18.3	92,614	65,433	6,631	4,033	260,660	216,227	35.5	31.1
Ala.	97,204	60,419	41.9	27.0	81,859	66,564	9,320	6,120	207,026	185,291	39.9	35.4
Miss.	135,143	74,484	46.4	28.3	100,368	83,744	9,085	5,967	253,001	250,369	39.7	33.4
W. S. Central	331,172	228,214	34.3	26.0	713,036	551,903	99,363	70,566	2,038,740	2,059,964	35.0	26.8
Ark.	72,916	47,509	33.7	23.9	72,513	63,695	6,733	5,036	207,972	224,206	34.9	28.4
La.	51,843	28,872	34.6	22.9	55,098	48,070	3,813	3,043	148,429	153,409	37.1	31.3
Okl.	69,523	60,387	38.7	30.6	153,679	116,780	15,917	12,887	403,248	383,736	38.1	30.4
Tex.	136,890	101,446	32.7	26.4	431,746	323,358	72,901	49,600	1,279,090	1,298,613	33.8	24.9
Mountain	100,091	68,460	42.9	32.2	357,190	262,291	70,969	66,387	943,434	959,294	37.9	27.3
Mont.	18,143	10,544	43.4	27.9	66,118	41,684	18,402	15,777	170,412	162,659	38.8	27.3
Idaho	23,647	17,124	54.2	41.3	78,763	58,494	5,737	5,144	207,539	216,590	38.0	27.0
Wyo.	7,973	5,845	53.1	44.7	34,009	24,951	13,881	12,555	92,815	97,749	38.6	25.5
Colo.	22,818	16,357	44.4	34.4	75,005	58,064	13,187	12,483	188,098	197,413	39.9	29.4
N. Mex.	8,934	5,291	26.2	17.8	27,499	24,924	11,478	12,754	90,178	102,676	30.5	24.3
Ariz.	4,551	3,781	24.6	28.4	28,933	22,334	2,644	3,096	77,484	78,724	37.3	28.4
Utah	12,675	8,634	49.9	32.8	36,650	25,720	3,745	3,237	91,252	92,875	40.2	27.7
Nev.	1,350	934	37.8	27.2	10,213	6,120	1,895	1,340	25,655	20,608	39.8	29.7
Pacific	132,672	99,108	48.0	35.2	604,863	462,058	31,303	26,617	1,683,055	1,846,446	35.9	25.0
Wash.	37,650	22,934	46.1	28.7	106,857	73,995	6,791	4,609	294,278	261,355	38.3	28.3
Oreg.	29,716	20,809	48.1	33.0	90,421	69,218	9,963	8,418	249,403	253,914	36.3	27.3
Calif.	65,306	55,365	40.2	39.9	407,585	318,845	14,549	13,590	1,139,374	1,331,177	35.8	24.0

¹ Includes data for District of Columbia.

Source: Department of Commerce, Bureau of the Census and Department of Agriculture, Bureau of Agricultural Economics; cooperative report, *Farm Mortgage Debt in the United States*.

No. 707.—FARM-MORTGAGE DEBT—TOTAL AMOUNT OUTSTANDING, BY STATES, AS OF
JANUARY 1: 1944 TO 1951

[Thousands of dollars]

DIVISION AND STATE	1944	1945	1946	1947	1948	1949	1950	1951
United States.....	5,389,080	4,932,942	4,681,720	4,777,355	4,881,744	5,108,183	5,407,310	5,827,586
New England.....	121,934	114,860	109,247	110,082	113,526	117,405	120,819	125,385
Maine.....	17,972	16,713	16,431	17,681	18,732	19,364	20,098	21,258
New Hampshire.....	9,932	9,706	9,584	9,822	10,586	11,409	12,094	12,976
Vermont.....	22,327	21,975	22,814	25,768	27,006	28,088	28,573	29,401
Massachusetts.....	39,524	36,778	32,950	30,361	31,277	32,086	32,924	33,662
Rhode Island.....	3,529	3,583	3,569	3,544	3,567	3,759	3,857	4,129
Connecticut.....	28,650	26,105	23,899	22,906	22,358	22,699	23,273	23,959
Middle Atlantic.....	314,454	293,793	284,801	307,975	323,505	338,401	345,385	360,610
New York.....	158,584	147,200	144,002	151,922	155,466	160,368	162,753	167,581
New Jersey.....	41,632	39,235	37,955	40,619	43,417	48,275	48,818	56,493
Pennsylvania.....	114,238	107,358	102,844	115,434	124,622	129,758	133,814	136,536
East North Central.....	1,123,408	1,020,938	966,659	961,627	976,692	1,011,676	1,052,619	1,129,613
Ohio.....	184,843	167,463	160,916	162,263	166,985	175,333	178,867	191,031
Indiana.....	191,603	176,468	168,391	169,400	173,598	183,439	194,496	207,928
Illinois.....	309,466	260,947	248,230	230,713	217,608	217,159	220,464	237,960
Michigan.....	152,552	144,988	144,940	155,705	163,424	175,418	186,067	200,196
Wisconsin.....	284,944	262,072	244,152	243,546	254,477	260,327	272,725	292,468
West North Central.....	1,776,947	1,594,067	1,427,603	1,346,752	1,251,197	1,248,475	1,295,896	1,389,538
Minnesota.....	324,655	304,641	273,364	257,698	244,465	237,572	244,853	268,728
Iowa.....	593,153	525,939	465,567	424,761	381,863	383,949	392,809	419,252
Missouri.....	209,281	197,529	193,533	198,389	198,921	204,877	212,192	223,614
North Dakota.....	110,390	91,461	80,778	76,146	70,261	67,367	70,026	75,043
South Dakota.....	107,451	98,788	87,222	80,625	70,632	67,847	71,729	77,071
Nebraska.....	231,652	204,174	175,923	160,983	141,935	139,870	147,788	156,642
Kansas.....	200,365	171,535	151,216	148,150	143,120	146,993	156,499	169,188
South Atlantic.....	362,445	335,712	344,283	391,567	433,481	471,934	505,006	557,376
Delaware.....	6,436	6,498	6,174	7,287	8,898	10,351	11,409	12,613
Maryland.....	41,819	40,627	39,975	43,883	48,781	50,449	53,967	57,848
Virginia.....	64,743	61,765	64,685	72,266	78,123	87,265	94,532	101,530
West Virginia.....	19,270	18,658	17,870	20,229	21,601	22,585	23,574	26,966
North Carolina.....	80,192	73,917	76,810	87,836	95,041	96,252	97,373	101,268
South Carolina.....	39,843	37,590	37,868	40,542	45,112	49,029	52,564	58,053
Georgia.....	74,249	66,344	69,538	78,919	87,599	98,078	108,286	121,400
Florida.....	35,893	30,313	31,863	40,615	48,356	57,925	63,301	77,668
East South Central.....	323,602	297,320	299,977	322,368	342,155	366,546	397,405	428,044
Kentucky.....	89,016	81,579	79,125	82,650	86,569	91,923	97,870	108,110
Tennessee.....	71,818	65,433	65,830	70,121	76,965	82,576	89,078	95,703
Alabama.....	74,460	66,564	66,306	70,255	74,634	79,651	87,156	90,139
Mississippi.....	88,308	83,744	88,716	99,342	103,987	112,396	122,701	134,092
West South Central.....	603,331	551,903	529,092	556,891	586,535	617,473	674,348	730,745
Arkansas.....	67,654	63,695	66,536	72,477	78,897	86,102	93,525	101,235
Louisiana.....	50,356	48,070	51,693	55,826	59,796	64,282	71,214	76,347
Oklahoma.....	129,839	116,780	107,829	111,400	112,963	117,806	124,898	135,151
Texas.....	355,482	323,358	303,034	317,188	334,879	349,283	384,711	415,012
Mountain.....	279,014	262,291	259,790	284,530	322,004	361,225	399,757	453,993
Montana.....	46,187	41,684	39,904	40,912	42,143	45,676	49,357	56,301
Idaho.....	65,521	58,494	54,768	56,522	61,914	68,074	74,515	84,780
Wyoming.....	26,223	24,951	24,025	25,414	28,463	32,391	36,167	41,414
Colorado.....	60,136	58,064	59,444	66,738	75,187	86,776	96,337	112,547
New Mexico.....	23,727	24,924	27,039	32,499	41,863	49,018	55,950	59,909
Arizona.....	23,005	22,334	22,541	27,117	30,699	33,128	36,403	43,495
Utah.....	27,570	25,720	25,592	27,805	32,130	34,593	37,204	39,752
Nevada.....	6,645	6,120	6,477	7,523	9,605	11,570	13,824	15,795
Pacific.....	483,945	462,058	460,268	495,563	533,249	575,048	616,075	652,282
Washington.....	81,339	73,995	73,527	74,093	79,222	86,201	96,153	103,108
Oregon.....	74,448	69,218	68,779	78,862	85,574	92,497	100,582	110,517
California.....	328,158	318,845	317,962	342,608	368,453	396,350	419,340	438,657

¹ Includes District of Columbia.

Source: Department of Agriculture, Bureau of Agricultural Economics annual report, *Agricultural Finance Review*.

No. 708.—CASH RECEIPTS FROM FARM MARKETINGS AND GOVERNMENT PAYMENTS, BY STATES: 1950

[In millions of dollars]

DIVISION AND STATE	Total	Crops	Livestock and products	Government payments	DIVISION AND STATE	Total	Crops	Livestock and products	Government payments
United States	29,056.3	12,575.3	16,197.5	283.5	S. Atlantic—Con.				
New England	681.5	226.0	451.5	4.0	Virginia.....	441.3	217.2	219.2	5.0
Maine.....	165.8	81.5	83.4	1.0	West Virginia.....	117.9	26.0	89.9	2.1
New Hampshire.....	64.7	14.1	50.0	.6	North Carolina.....	804.3	648.8	146.7	8.8
Vermont.....	110.8	20.8	88.7	1.3	South Carolina.....	291.1	219.8	67.5	3.8
Massachusetts.....	174.5	55.5	118.4	.6	Georgia.....	530.0	326.9	192.5	10.6
Rhode Island.....	21.8	5.2	16.4	.1	Florida.....	501.6	390.9	107.4	3.2
Connecticut.....	143.9	48.8	94.5	.5	East South Central	1,809.8	1,021.8	755.8	32.2
Middle Atlantic	1,846.5	499.9	1,333.6	12.9	Kentucky.....	525.2	238.5	279.3	7.4
New York.....	816.6	223.3	587.6	5.7	Tennessee.....	437.1	213.5	216.8	6.7
New Jersey.....	291.1	102.7	187.5	.9	Alabama.....	357.9	220.6	129.2	8.1
Pennsylvania.....	738.7	173.9	558.5	6.3	Mississippi.....	489.7	349.2	130.5	9.9
East North Central	5,284.4	1,606.4	3,640.0	38.0	West South Central	3,594.6	2,056.2	1,487.6	50.9
Ohio.....	910.7	280.0	623.4	7.3	Arkansas.....	517.8	346.0	166.1	5.7
Indiana.....	981.8	270.6	705.5	5.7	Louisiana.....	331.4	219.8	100.2	11.4
Illinois.....	1,748.2	686.3	1,051.8	10.1	Oklahoma.....	573.4	223.0	341.6	8.8
Michigan.....	667.0	252.3	407.5	7.2	Texas.....	2,172.0	1,207.4	879.7	24.9
Wisconsin.....	976.6	117.2	851.7	7.7	Mountain	2,085.5	935.8	1,118.4	31.3
West North Central	7,462.3	2,262.8	5,140.8	58.7	Montana.....	382.3	204.4	171.9	6.1
Minnesota.....	1,222.3	337.3	876.9	8.2	Idaho.....	345.4	197.0	144.9	3.5
Iowa.....	2,125.8	380.7	1,734.2	10.9	Wyoming.....	146.3	30.7	112.5	3.0
Missouri.....	1,044.9	254.3	780.3	10.4	Colorado.....	517.8	189.7	316.2	11.9
North Dakota.....	529.4	348.4	175.0	5.9	New Mexico.....	209.3	78.9	128.0	2.4
South Dakota.....	513.6	148.1	360.1	5.4	Arizona.....	277.6	186.0	89.9	1.7
Nebraska.....	988.6	332.0	647.8	8.8	Utah.....	158.4	43.5	112.4	2.4
Kansas.....	1,037.6	462.0	566.5	9.1	Nevada.....	48.4	5.5	42.7	.2
South Atlantic	3,024.3	1,922.3	1,066.8	35.2	Pacific	3,267.5	2,044.3	1,202.9	20.3
Delaware.....	99.5	16.4	82.7	.4	Washington.....	539.7	344.8	191.6	3.3
Maryland.....	238.5	76.3	161.0	1.3	Oregon.....	392.8	215.5	173.9	3.4
					California.....	2,335.1	1,483.9	837.5	13.6

Source: Department of Agriculture, Bureau of Agricultural Economics; published in the *Farm Income Situation*.

No. 709.—FARM INCOME—ESTIMATED CASH RECEIPTS FROM CROPS, LIVESTOCK AND PRODUCTS, BY KIND: 1930 TO 1951

[In millions of dollars]

KIND	1930	1935	1940	1945	1947	1948	1949	1950	1951 (prel.)
CROPS									
All crops, total	3,864	2,957	3,435	9,419	13,231	13,136	12,586	12,575	13,182
Cotton and cottonseed.....	826	712	643	1,208	2,245	2,553	2,632	2,473	2,955
Tobacco.....	244	242	242	898	1,033	945	904	1,064	1,167
Food grains.....	500	421	479	1,552	2,768	2,704	2,339	2,015	1,914
Oilbearing crops.....	72	69	126	610	908	1,043	846	923	1,035
Feed grains and hay.....	557	302	576	1,434	2,328	2,103	2,209	2,204	2,039
Vegetables.....	722	489	571	1,594	1,710	1,773	1,641	1,456	1,677
Fruits and tree nuts.....	536	408	417	1,407	1,160	1,053	1,013	1,334	1,262
Sugar crops.....	90	73	79	156	223	155	161	208	173
Other crops.....	317	241	302	560	856	807	751	898	960
LIVESTOCK AND PRODUCTS									
All livestock and products, total	5,186	4,117	4,897	12,001	16,523	17,037	15,426	16,198	19,609
Hogs.....	1,135	682	836	2,297	4,005	3,715	3,190	3,297	4,043
Cattle and calves.....	1,184	1,063	1,376	3,290	4,932	5,231	4,839	5,716	6,849
Sheep and lambs.....	162	152	180	319	403	413	354	390	427
Wool.....	69	70	105	129	106	114	107	126	218
Dairy products.....	1,607	1,310	1,520	3,064	4,046	4,441	3,778	3,764	4,393
Poultry and eggs.....	1,002	799	833	2,807	2,926	3,089	3,088	2,842	3,607
Other.....	27	41	47	95	105	84	70	63	72

Source: Department of Agriculture, Bureau of Agricultural Economics; prior to 1940, data published in *Nat'l Farm Income and Parity Report*, 1943; thereafter, *The Farm Income Situation*.

NO. 710.—FARM INCOME, PRICES RECEIVED AND PAID BY FARMERS: 1930 TO 1951

[Farm income in millions of dollars. See also *Historical Statistics*, series E 88-104]

ITEM	1930	1935	1940	1945	1948	1949	1950	1951 (prel.)
FARM INCOME								
Gross income.....	11,420	9,585	10,920	25,283	34,688	32,001	32,732	37,404
Cash receipts, total.....	9,050	7,647	9,056	22,162	30,480	28,197	29,056	33,078
Crops.....	3,864	2,957	3,435	9,419	13,136	12,586	12,575	13,183
Livestock and livestock products.....	5,186	4,117	4,897	12,001	17,087	15,426	16,198	19,609
Government payments.....	.....	573	724	742	257	185	283	286
Value of home consumption.....	1,540	1,317	1,239	2,256	2,931	2,510	2,344	2,738
Rental value of dwellings.....	830	621	625	865	1,277	1,294	1,332	1,588
Total expenses of agricultural production.....	6,990	5,085	6,622	13,038	18,950	18,499	20,024	22,475
Net income of farm operators from current operations.....	4,430	4,500	4,298	12,245	15,738	13,502	12,708	14,929
Adjustment for inventory changes.....	-300	+536	+270	-391	+1,318	-654	+750	+1,645
Farm wages to laborers living on farms.....	805	551	731	1,623	2,167	2,069	2,006	2,178
Net income to persons on farms from farming.....	3,055	3,117	2,857	10,845	11,814	10,184	9,278	11,370
INDEX NUMBERS OF PRICES RECEIVED AND PAID (1910-14=100)								
Prices received by farmers:								
All farm products.....	125	109	100	206	285	240	256	302
Crops.....	116	104	91	203	252	223	232	254
Livestock and products.....	134	114	108	210	314	272	278	335
Retail prices paid by farmers:								
Living and production.....	140	123	122	179	250	240	246	271
Living.....	144	124	121	182	251	243	246	208
Production.....	135	122	123	176	250	238	246	273
Payable per acre:								
Interest payable.....	206	135	98	69	72	76	82	90
Taxes payable.....	281	178	186	181	254	275	296	311
Prices paid, including interest, taxes, and wage rates.....	151	124	124	189	259	250	255	281
PARITY RATIO								
Ratio of prices received to prices paid, including interest, taxes, and wage rates....	83	88	81	109	110	100	100	107

Source: Department of Agriculture, Bureau of Agricultural Economics: Farm income for 1930 and 1935, *Net Farm Income and Parity Report, 1945*, for 1940-51, the *Farm Income Situation*; indexes, annual report, *Agricultural Statistics*, and published currently in *Agricultural Prices*; also published in *Crops and Markets*.

NO. 711.—PRICES RECEIVED BY FARMERS—INDEXES, BY MAJOR GROUPS OF PRODUCTS: 1915 TO 1951

[1910-14=100. Indexes cover 45 major farm products. See also *Historical Statistics*, series E 95-97]

PERIOD	All groups	CROPS							LIVESTOCK AND PRODUCTS		
		Food grains	Feed grains and hay	Tobacco	Cotton	Fruits	Truck crops	Oil bearing crops	Meat animals	Dairy products	Poultry and eggs
1915-19.....	164	193	161	183	175	126	-----	201	162	147	153
1920-24.....	150	147	125	189	197	157	152	155	121	159	163
1925-29.....	148	141	118	169	150	146	145	135	145	161	155
1930-34.....	88	70	76	117	77	98	104	78	83	105	94
1935-39.....	107	94	95	172	87	95	95	113	117	119	108
1940-44.....	154	123	119	241	138	150	164	170	166	169	145
1945-49.....	250	222	205	378	240	216	206	289	291	264	213
1946.....	234	201	196	376	237	250	182	260	248	267	197
1947.....	275	270	249	374	272	212	226	363	329	272	219
1948.....	285	250	250	380	270	174	214	351	361	300	235
1949.....	249	219	170	398	245	199	201	242	311	251	219
1950.....	256	224	187	402	280	200	185	276	340	247	181
1951.....	302	243	220	436	335	193	239	339	411	284	226
March.....	311	245	221	437	359	202	265	386	428	280	217
June.....	301	240	217	438	353	200	189	358	422	269	217
September.....	291	233	216	423	283	201	161	288	411	283	247
December.....	305	253	233	440	339	177	331	309	379	314	233

1 1924 only.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual report, *Crops and Markets*. Also published currently in *Agricultural Prices*.

No. 712.—FARM INCOME AND EXPENDITURES—ESTIMATED NET CASH AVAILABLE
TO FARM OPERATORS AFTER FARM EXPENDITURES: 1928 TO 1951

[In millions of dollars]

YEAR	Cash receipts ¹	CASH EXPENDITURES							Farm operators' net cash income from farming
		Total	Current operating expenses ²	Farm capital expenditures	Interest on farm mortgage debt	Taxes on farm property	Total cash wages of hired labor	Net rent to nonfarm landlords ³	
1928.....	10, 088	7, 560	3, 519	1, 321	590	626	948	556	3, 428
1929.....	11, 299	7, 543	3, 409	1, 414	582	641	955	542	3, 756
1930.....	9, 050	6, 555	3, 037	1, 044	570	638	875	391	2, 495
1931.....	6, 369	4, 927	2, 328	600	553	581	670	195	1, 442
1932.....	4, 735	3, 803	1, 874	300	526	504	490	109	932
1933.....	5, 439	3, 826	1, 875	377	472	434	454	214	1, 613
1934.....	6, 700	4, 318	2, 076	570	430	420	503	319	2, 442
1935.....	7, 647	4, 922	2, 239	872	396	431	577	407	2, 725
1936.....	8, 634	5, 509	2, 544	1, 059	364	436	653	453	3, 125
1937.....	9, 155	6, 163	2, 868	1, 310	341	448	755	441	2, 992
1938.....	8, 149	5, 703	2, 653	1, 126	320	444	767	393	2, 446
1939.....	8, 582	6, 123	2, 916	1, 226	305	462	782	442	2, 459
1940.....	9, 056	6, 754	3, 336	1, 403	293	446	816	460	2, 302
1941.....	11, 619	7, 891	3, 737	1, 690	284	457	1, 013	710	3, 728
1942.....	16, 136	9, 706	4, 965	1, 682	272	461	1, 345	981	6, 430
1943.....	20, 003	10, 833	5, 885	1, 455	246	472	1, 687	1, 088	9, 170
1944.....	21, 153	11, 777	6, 320	1, 768	230	495	1, 861	1, 038	9, 376
1945.....	22, 162	12, 650	6, 946	1, 848	220	554	1, 961	1, 121	9, 512
1946.....	25, 326	15, 260	7, 893	3, 062	216	617	2, 165	1, 307	10, 066
1947.....	30, 068	18, 459	9, 452	4, 313	222	705	2, 400	1, 367	11, 609
1948.....	30, 480	20, 429	10, 319	5, 235	229	765	2, 563	1, 288	10, 051
1949.....	28, 197	19, 686	9, 700	5, 379	242	823	2, 400	1, 082	8, 511
1950.....	29, 056	21, 375	10, 632	6, 070	262	865	2, 348	1, 198	7, 681
1951.....	33, 078	23, 403	12, 395	6, 022	285	900	2, 493	1, 308	9, 675

¹ From farm marketings and Government payments.

² Excludes hired labor.

³ Includes share rent as well as cash rent paid to nonfarm landlords because their share included in cash receipts.

Source: Department of Agriculture, Bureau of Agricultural Economics; prior to 1940, data published in *Net Farm Income and Parity Report, 1943*; thereafter, *The Farm Income Situation*.

No. 713.—FARM TAXES AND INSURANCE: 1925 TO 1950

[See also *Historical Statistics E 70-87*]

ITEM	1925	1930	1935	1940	1945	1948	1949	1950
Taxes levied on farm real estate, total (million dollars).....	517	567	394	402	471	651	699	735
Amount per acre (dollars).....	.56	.57	.37	.38	.41	.57	.61	.64
Amount per \$100 of value (dollars).....	1. 07	1. 30	1. 15	1. 22	. 90	1. 00	1. 10	1. 01
Taxes levied on farm personal property (millions of dollars).....	63	71	37	44	83	115	124	130
State automotive taxes paid by farmers: Motor vehicle licenses and permits (million dollars).....	41	55	47	59	90	105	119	133
Motor fuel taxes (million dollars) ²	22	63	66	79	87	140	156	169
FARMERS' MUTUAL FIRE INSURANCE ³								
Number of companies ⁴	1, 839	1, 886	1, 941	1, 898	1, 841	1, 806	1, 809	-----
Insurance in force at end of year (million dollars).....	9, 477	11, 382	11, 083	12, 294	15, 170	20, 769	22, 434	⁵ 25, 493
Cost per \$100 of insurance, total (cents).....	27. 8	31. 6	23. 2	25. 2	23. 6	25. 1	22. 3	⁶ 22. 2
Losses (cents).....	21. 1	24. 8	15. 7	17. 1	15. 6	16. 4	14. 0	⁶ 14. 3
Expenses (cents).....	6. 7	6. 8	7. 5	8. 1	8. 0	8. 7	8. 3	⁶ 7. 9
Surplus and reserves, end of year (thousand dollars) ⁶	-----	-----	33, 656	45, 474	70, 644	94, 359	110, 948	⁶ 139, 232

¹ Preliminary.

² Beginning 1945 includes taxes on gasoline used in farm tractors.

³ For 1925-30 includes companies with more than 65 percent of their insurance on farm property; for later years, 50 percent. About 88 percent of their total insurance is on farm property, for both periods.

⁴ Number of companies for which data were obtained; perhaps not entirely complete for any year.

⁵ Estimate based on sample of companies.

⁶ Excess of assets over liabilities. Most of farmers' mutuals are assessment companies and as such are not required to set up unearned premium reserves. Data not compiled prior to 1935.

Source: Department of Agriculture, Bureau of Agricultural Economics; *Agricultural Finance Review*.

**NO. 714.—FARM LABOR—FARMS REPORTING, PERSONS WORKING ON FARMS
WEEK PRECEDING ENUMERATION, 1950; AND WAGES PAID, 1949**

[Based on reports for only a sample of farms. Relates to farm operators and hired workers doing farm work, and also to unpaid family members working 15 hours or more. Excludes housework and contract construction work. Data are preliminary]

DIVISION AND STATE	FAMILY AND/OR HIRED WORKERS		FAMILY WORKERS, INCLUDING OPER- ATOR		HIRED WORKERS		CASH WAGES PAID FOR HIRED LABOR IN 1949	
	Farms report- ing	Persons work- ing	Farms report- ing	Persons work- ing	Farms report- ing	Persons work- ing	Farms report- ing	Amount (\$1,000)
United States	4,548,846	8,539,102	4,471,252	6,982,894	703,487	1,556,208	2,663,944	2,418,323
New England	82,207	160,905	79,355	112,134	21,248	48,771	47,940	95,299
Maine.....	23,459	39,709	22,880	30,542	4,238	9,167	14,260	23,637
New Hampshire.....	10,748	19,076	10,425	14,227	2,330	4,840	5,532	7,800
Vermont.....	15,998	31,421	15,444	23,188	4,966	8,233	10,447	11,010
Massachusetts.....	17,368	37,441	16,593	23,872	5,104	13,569	9,429	26,483
Rhode Island.....	2,125	4,588	2,027	2,942	690	1,646	1,146	2,717
Connecticut.....	12,509	28,670	11,986	17,363	3,920	11,307	7,126	23,562
Middle Atlantic	252,141	512,554	245,863	389,192	63,717	123,362	149,323	201,089
New York.....	106,401	207,321	103,308	154,927	29,058	52,394	68,595	94,574
New Jersey.....	21,365	55,859	20,555	32,610	8,810	23,240	13,963	39,357
Pennsylvania.....	124,375	249,374	122,000	201,655	25,849	47,719	66,765	67,158
East North Central	764,110	1,352,182	754,311	1,177,607	116,251	174,575	465,750	276,488
Ohio.....	169,840	293,043	167,729	257,478	21,888	35,565	93,569	55,126
Indiana.....	141,194	237,630	139,626	210,109	17,833	27,521	80,932	40,661
Illinois.....	171,550	300,034	168,953	250,169	34,593	49,865	112,321	77,449
Michigan.....	128,401	214,906	126,797	190,739	14,684	24,167	76,604	47,899
Wisconsin.....	153,125	306,569	151,206	269,112	27,253	37,457	102,324	55,983
West North Central	877,942	1,600,893	869,446	1,437,701	114,714	163,192	588,195	306,588
Minnesota.....	163,163	307,965	161,750	277,097	22,133	30,868	113,137	57,184
Iowa.....	187,222	336,436	185,321	296,283	30,893	40,153	131,347	68,290
Missouri.....	197,335	339,400	195,363	305,539	21,014	33,861	108,204	47,803
North Dakota.....	56,724	111,584	56,111	99,856	7,906	11,728	44,081	32,138
South Dakota.....	60,828	113,409	60,261	101,846	8,493	11,563	45,772	25,767
Nebraska.....	97,482	183,658	96,521	166,985	11,854	16,673	65,866	35,840
Kansas.....	115,198	208,441	114,119	190,095	12,421	18,346	79,788	39,566
South Atlantic	787,750	1,541,570	771,754	1,228,746	119,944	312,824	431,709	268,824
Delaware.....	5,925	12,290	5,623	8,357	1,768	3,933	3,840	5,693
Maryland.....	30,941	67,664	29,766	46,539	10,017	21,125	19,598	26,431
Dist. of Columbia.....	26	70	26	36	1	34	8	118
Virginia.....	122,370	220,574	119,374	175,790	20,784	44,784	61,513	42,909
West Virginia.....	63,510	105,190	62,594	92,486	7,055	12,704	25,850	10,962
North Carolina.....	239,417	434,040	236,199	379,815	27,450	54,225	148,010	48,214
South Carolina.....	117,322	243,700	114,964	198,194	16,429	45,506	62,290	27,641
Georgia.....	165,000	326,347	161,920	262,317	25,241	64,030	86,014	42,498
Florida.....	43,239	131,695	41,288	65,212	11,199	66,483	24,586	64,267
East South Central	745,885	1,286,220	735,086	1,102,557	80,867	183,663	349,954	138,164
Kentucky.....	178,573	298,601	175,594	254,405	24,700	44,196	95,989	36,263
Tennessee.....	187,527	312,925	184,390	266,468	24,110	46,457	94,949	30,759
Alabama.....	174,689	312,045	172,403	274,001	17,504	38,044	77,846	27,079
Mississippi.....	205,096	362,649	202,699	307,683	14,553	54,966	81,170	44,063
West South Central	645,797	1,210,593	633,946	959,125	92,492	251,468	370,038	441,384
Arkansas.....	151,091	263,100	149,525	220,308	13,784	42,792	72,996	62,438
Louisiana.....	100,388	189,585	98,980	147,613	11,931	41,972	43,362	38,912
Oklahoma.....	121,167	210,212	119,844	191,512	11,570	18,700	67,628	42,343
Texas.....	273,151	547,696	265,597	399,692	55,207	148,004	186,052	297,691
Mountain	169,878	351,922	166,150	261,349	38,148	90,873	118,191	204,542
Montana.....	30,016	58,100	29,450	45,636	6,351	12,464	22,410	29,155
Idaho.....	35,948	66,628	35,508	54,199	6,539	12,429	26,233	32,193
Wyoming.....	11,547	25,586	11,175	18,241	3,177	7,345	7,933	16,146
Colorado.....	40,351	84,143	39,470	64,929	9,666	19,214	29,139	42,789
New Mexico.....	19,232	41,257	18,632	29,018	4,593	12,239	11,309	23,232
Arizona.....	8,761	28,505	8,298	12,239	3,445	16,266	5,763	39,119
Utah.....	21,383	40,431	21,078	32,999	3,455	7,432	13,670	16,145
Nevada.....	2,640	7,272	2,539	4,088	922	3,184	1,734	5,764
Pacific	223,136	522,263	215,341	314,483	56,106	207,780	142,844	485,944
Washington.....	59,271	110,489	58,240	85,966	10,226	24,523	33,465	61,799
Oregon.....	50,259	92,797	49,513	72,781	8,211	20,016	27,526	46,111
California.....	113,606	318,977	107,588	155,736	37,669	163,241	81,853	378,935

Source: Department of Commerce, Bureau of the Census; preliminary data from 1950 Census of Agriculture.

No. 715.—FARM EXPENDITURES FOR SPECIFIED PURPOSES, BY COLOR AND TENURE OF OPERATOR: 1929, 1939, AND 1944

ITEM	FOR FARMS REPORTING SPECIFIED EXPENDITURES—					
	Total	By tenure			By color	
		Owners	Managers	Tenants	White operators	Non-white operators
Expenditures for labor: ¹						
Farms reporting.....1929..	2, 631, 601	1, 717, 713	38, 617	875, 271	(2)	(2)
.....1939..	2, 200, 237	1, 504, 805	27, 521	727, 911	2, 142, 903	117, 334
.....1944..	2, 799, 026	(2)	(2)	(2)	(2)	(2)
Amount (\$1,000).....1929..	955, 420	611, 960	115, 257	228, 204	(2)	(2)
.....1939..	781, 792	529, 550	94, 318	157, 924	764, 017	17, 774
.....1944..	1, 861, 026	(2)	(2)	(2)	(2)	(2)
Expenditures for feed:						
Farms reporting.....1929..	3, 283, 400	2, 209, 385	31, 388	1, 042, 627	(2)	(2)
.....1939..	3, 342, 715	2, 280, 568	20, 285	1, 035, 862	3, 161, 960	180, 755
.....1944..	4, 271, 642	(2)	(2)	(2)	(2)	(2)
Amount (\$1,000).....1929..	919, 190	605, 597	45, 908	207, 684	(2)	(2)
.....1939..	732, 117	543, 395	32, 971	155, 751	724, 532	7, 585
.....1944..	2, 426, 725	(2)	(2)	(2)	(2)	(2)
Expenditures for implements and machinery: ²						
Farms reporting.....1929..	1, 750, 588	1, 121, 720	19, 524	609, 344	(2)	(2)
.....1939..	1, 686, 609	1, 061, 769	14, 103	610, 737	1, 573, 896	112, 713
.....1944..	692, 548	473, 115	17, 311	202, 122	(2)	(2)
Amount (\$1,000).....1929..	549, 320	368, 206	13, 747	167, 367	542, 484	6, 835
Expenditures for commercial fertilizer: ³						
Farms reporting.....1929..	2, 239, 546	1, 304, 177	20, 655	914, 714	(2)	(2)
.....1939..	2, 337, 031	1, 434, 679	16, 299	886, 053	1, 938, 186	398, 845
Quantity purchased (1,000 tons).....1929..	7, 535	4, 209	328	2, 998	(2)	(2)
.....1939..	7, 004	4, 299	351	2, 354	6, 119	885
Amount (\$1,000).....1939..	195, 928	120, 414	10, 266	65, 248	171, 008	24, 920
Expenditures for liming material: ⁴						
Farms reporting.....1939..	471, 807	376, 019	6, 250	89, 538	455, 903	15, 904
Quantity purchased (1,000 tons).....1939..	8, 516	6, 215	322	1, 980	8, 444	72
Amount (\$1,000).....1939..	21, 674	16, 082	996	4, 597	21, 263	411
Expenditures for gasoline, distillate, kerosene, and oil:						
Farms reporting.....1939..	2, 886, 614	1, 837, 205	22, 713	1, 026, 696	2, 709, 260*	177, 354
Amount (\$1,000).....1939..	323, 239	211, 933	10, 572	100, 734	318, 843	4, 396
Expenditures for building materials: ⁵						
Farms reporting.....1939..	1, 980, 108	1, 585, 677	17, 214	377, 217	1, 922, 594	57, 514
Amount (\$1,000).....1939..	305, 650	248, 374	14, 362	42, 914	301, 779	3, 872

¹ Exclusive of housework. Inquiry for 1939 and for 1944 specifically excluded contract construction work. No mention was made of wages for this kind of work for 1929.

² Not available.

³ Inquiry specified expenditures for automobiles, tractors, and motortrucks for 1929 and 1939, and trailers for 1939.

⁴ Includes quantities for which the farm operator reported no expenditure or expenditure for freight only.

⁵ Includes expenditures for lumber, roofing materials, hardware, cement, paint, fencing materials, etc.

Source: Department of Commerce, Bureau of the Census; *Sixteenth Census Reports, Agriculture*, Vol. III, and *1945 Census of Agriculture*, Vol. II.

No. 716.—FARM FACILITIES, ROADS, MOTOR VEHICLES, TRACTORS, AND RESIDENCE OF FARM OPERATORS, BY STATES: 1950

[Based on reports for only a sample of farms. Data are preliminary]

DIVISION AND STATE	NUMBER OF FARMS REPORTING—							
	Electricity	Electric water pump	Telephone	Distance to trading center visited most frequently				
				Under 1 mile	1 to 4 miles	5 to 9 miles	10 miles and over	Average distance reported (miles)
United States.....	4,213,563	2,011,162	2,059,625	391,260	2,072,940	1,640,239	1,117,473	6
New England.....	93,630	53,628	75,187	8,679	46,291	29,028	14,764	5
Maine.....	26,200	14,798	19,467	2,611	12,821	8,658	5,370	6
N. Hampshire.....	12,696	7,904	10,055	1,013	5,690	4,150	2,118	5
Vermont.....	17,533	7,595	13,267	1,975	8,899	5,153	2,591	5
Massachusetts.....	20,365	10,294	17,319	1,892	10,930	5,526	2,366	4
Rhode Island.....	2,411	1,862	1,998	158	1,011	746	489	6
Connecticut.....	14,425	11,175	13,081	1,030	6,940	4,795	1,830	5
Middle Atlantic.....	274,462	184,553	182,807	20,926	125,029	92,144	48,091	6
New York.....	117,262	79,735	87,767	10,363	55,746	38,471	16,417	5
New Jersey.....	23,281	19,427	17,829	1,928	10,992	7,567	3,113	5
Pennsylvania.....	133,919	85,391	77,211	8,635	58,291	46,106	28,561	6
E. N. Central.....	811,474	558,306	533,290	49,395	373,367	304,281	135,663	6
Ohio.....	185,681	118,286	119,721	11,526	85,869	65,452	31,115	6
Indiana.....	152,864	99,299	102,994	9,741	68,422	57,180	26,767	6
Illinois.....	169,645	105,237	127,618	11,729	81,116	65,093	31,351	6
Michigan.....	146,902	114,255	83,136	6,986	66,687	55,520	22,426	6
Wisconsin.....	156,382	121,229	99,821	9,413	71,273	61,036	24,004	5
W. N. Central.....	765,782	387,638	604,148	59,929	345,172	342,871	211,441	7
Minnesota.....	150,765	101,391	107,359	8,007	65,896	69,101	33,833	6
Iowa.....	184,787	116,983	166,380	13,174	78,935	73,690	32,858	6
Missouri.....	159,165	83,461	106,673	18,233	91,862	72,121	41,093	6
North Dakota.....	44,200	19,812	27,214	2,659	15,894	22,791	22,711	9
South Dakota.....	45,898	16,631	37,221	3,131	16,690	22,242	23,650	9
Nebraska.....	83,309	38,115	69,541	6,431	34,285	38,741	24,949	7
Kansas.....	97,668	41,245	89,760	8,294	41,610	44,185	32,347	7
South Atlantic.....	714,094	261,180	146,166	66,823	363,800	287,309	210,078	6
Delaware.....	6,112	4,665	4,990	494	3,263	2,662	491	5
Maryland.....	30,302	20,765	19,457	2,904	15,749	10,121	6,348	6
Dist. of Columbia.....	18	1	17	26	1			0.1
Virginia.....	114,273	40,701	35,853	14,007	56,202	37,830	38,524	7
West Virginia.....	59,141	13,915	21,724	7,735	32,736	19,683	19,003	6
North Carolina.....	219,417	71,021	23,347	19,676	111,337	85,498	62,154	6
South Carolina.....	95,025	32,961	11,901	6,635	51,902	47,985	29,191	6
Georgia.....	149,271	62,916	18,624	11,595	73,390	66,754	40,656	6
Florida.....	40,535	24,235	10,253	3,751	19,220	16,776	13,711	7
E. S. Central.....	596,071	138,679	123,216	89,021	362,959	241,674	192,852	6
Kentucky.....	145,246	28,940	45,808	26,846	90,410	52,607	41,129	5
Tennessee.....	165,641	41,694	43,541	25,827	94,713	57,025	45,843	6
Alabama.....	144,589	31,857	17,442	16,884	80,801	56,360	50,560	7
Mississippi.....	140,695	36,188	16,425	19,664	97,035	75,682	55,320	6
W. S. Central.....	558,795	181,452	159,806	58,781	282,165	228,644	186,334	7
Arkansas.....	121,916	30,808	19,201	16,132	77,044	50,517	34,356	6
Louisiana.....	89,191	30,485	14,364	15,697	53,779	29,948	20,187	5
Oklahoma.....	93,815	30,512	47,161	7,103	45,054	47,291	38,594	7
Texas.....	260,373	89,047	79,080	19,849	106,288	100,888	93,197	8
Mountain.....	155,425	81,477	86,015	16,191	57,744	46,194	68,535	11
Montana.....	26,335	15,134	9,995	1,592	7,353	7,956	17,636	14
Idaho.....	37,232	25,874	22,264	2,539	14,457	12,433	9,832	8
Wyoming.....	9,432	4,716	4,735	641	2,958	2,284	6,428	15
Colorado.....	36,541	18,623	27,048	2,702	13,828	11,349	16,295	10
New Mexico.....	14,037	5,595	3,500	1,849	6,381	4,590	9,657	13
Arizona.....	8,062	4,630	4,408	928	3,421	2,308	3,171	11
Utah.....	21,602	5,448	12,515	5,724	8,397	4,574	4,460	6
Nevada.....	2,184	1,457	1,550	216	949	700	1,056	17
Pacific.....	243,830	164,249	148,990	21,515	116,413	68,094	49,715	6
Washington.....	64,599	42,293	40,166	4,912	29,037	19,397	14,287	6
Oregon.....	54,618	36,762	30,104	4,498	22,740	16,072	14,970	7
California.....	124,613	85,194	78,720	12,105	64,636	32,625	20,458	6

NO. 716.—FARM FACILITIES, ROADS, MOTOR VEHICLES, TRACTORS, AND RESIDENCE
OF FARM OPERATORS, BY STATES: 1950—Continued

DIVISION AND STATE	MOTOR TRUCKS ON FARMS ¹		TRACTORS ON FARMS ¹		AUTOMOBILES ON FARMS ¹		FARM OPERATORS RE- PORTING RESIDENCE	
	Farms report- ing	Number	Farms report- ing	Number	Farms report- ing	Number	On farm operated	Not on farm op- erated
United States	1,840,682	2,209,531	2,526,268	3,617,001	3,390,288	4,206,687	4,982,330	268,176
New England	51,044	69,673	46,378	62,889	72,094	95,259	96,601	4,399
Maine.....	14,854	19,197	12,804	16,675	19,874	23,937	28,248	1,426
N. Hampshire.....	6,718	8,853	5,410	6,951	9,446	12,073	12,692	439
Vermont.....	8,814	10,595	8,417	10,655	13,107	16,580	17,981	838
Massachusetts.....	10,642	15,385	10,338	14,720	15,769	21,457	20,601	1,014
Rhode Island.....	1,516	2,445	1,285	1,939	1,950	2,773	2,390	114
Connecticut.....	8,500	13,198	8,124	11,949	11,948	18,439	14,689	568
Middle Atlantic	126,590	162,855	188,468	271,794	228,646	309,711	277,280	11,942
New York.....	56,625	72,463	81,977	119,706	97,264	120,972	116,557	5,660
New Jersey.....	15,619	24,279	15,364	26,181	18,874	27,976	23,282	999
Pennsylvania.....	54,346	66,113	91,127	125,907	112,508	151,763	137,441	5,283
East North Central	305,827	342,820	614,398	892,594	731,665	911,414	830,044	35,739
Ohio.....	56,851	64,765	127,456	182,571	163,195	208,087	186,305	8,358
Indiana.....	53,584	59,816	106,052	154,135	133,261	159,273	155,411	6,916
Illinois.....	70,072	86,789	142,018	234,893	169,682	196,183	181,944	9,407
Michigan.....	49,508	56,976	111,375	149,372	130,202	164,763	145,241	6,007
Wisconsin.....	66,812	74,474	127,497	171,623	145,325	183,108	161,143	5,051
West North Central	387,630	447,692	706,059	1,032,478	799,279	992,725	907,922	54,401
Minnesota.....	63,197	70,528	143,084	204,361	155,720	195,959	169,461	6,925
Iowa.....	58,742	62,612	161,357	241,090	180,966	228,541	191,750	7,096
Missouri.....	71,818	77,464	100,276	125,964	144,567	162,558	123,889	10,543
North Dakota.....	44,045	55,640	58,340	98,672	56,232	73,707	56,909	7,438
South Dakota.....	31,674	37,396	50,267	88,541	58,718	77,319	60,355	4,818
Nebraska.....	45,811	54,398	87,710	127,352	94,536	121,220	98,047	6,749
Kansas.....	71,743	89,254	99,025	146,498	108,540	133,421	117,502	10,832
South Atlantic	240,538	281,672	222,509	285,097	469,699	553,200	896,179	39,764
Delaware.....	3,240	4,059	4,046	6,130	5,418	7,003	6,748	337
Maryland.....	16,917	21,428	20,547	29,885	26,805	36,446	33,549	1,629
Dist. of Columbia.....	11	15	1	6	6	20	23	4
Virginia.....	41,708	40,687	36,516	48,256	77,098	94,030	141,102	5,584
West Virginia.....	21,635	24,031	11,613	13,935	32,850	37,271	76,157	3,319
North Carolina.....	55,374	60,406	62,666	73,534	140,070	160,067	208,365	9,431
South Carolina.....	25,433	29,757	23,449	30,329	69,946	81,579	130,131	5,603
Georgia.....	55,409	63,022	48,384	60,991	89,260	100,586	185,058	7,706
Florida.....	20,811	29,267	15,287	22,033	28,216	36,123	49,046	6,151
East South Central	202,354	224,305	171,346	217,576	333,965	381,181	856,529	30,296
Kentucky.....	49,790	55,032	49,351	59,193	102,938	119,881	203,497	8,474
Tennessee.....	55,284	60,223	50,802	59,803	99,075	113,774	215,060	8,227
Alabama.....	47,088	52,801	37,791	45,962	64,436	71,276	199,511	6,231
Mississippi.....	50,183	56,249	33,402	52,618	67,516	76,250	238,471	7,364
West South Central	269,302	316,175	299,399	423,931	400,947	472,036	709,887	51,267
Arkansas.....	56,568	63,589	41,415	60,892	57,999	65,197	171,665	6,616
Louisiana.....	30,926	36,445	23,497	36,059	48,496	56,515	117,258	3,868
Oklahoma.....	59,869	68,895	71,705	93,804	83,389	95,224	128,668	9,910
Texas.....	121,939	147,246	162,782	233,176	211,063	255,100	292,296	30,873
Mountain	121,705	165,909	126,289	198,110	141,543	187,535	172,265	19,016
Montana.....	26,584	38,772	27,260	44,991	26,783	35,077	31,073	3,515
Idaho.....	22,763	20,690	27,566	39,397	31,822	39,980	36,929	2,774
Wyoming.....	9,113	12,600	9,260	15,606	8,320	12,912	11,534	931
Colorado.....	31,190	42,663	32,174	53,187	35,713	48,842	41,100	3,754
New Mexico.....	11,728	15,098	10,535	15,781	11,629	15,110	20,862	2,158
Arizona.....	5,536	8,611	4,878	9,748	7,020	11,775	9,002	1,243
Utah.....	12,824	15,352	12,883	15,997	17,251	20,773	19,023	4,345
Nevada.....	1,967	3,123	1,733	3,313	2,005	3,066	2,742	296
Pacific	135,692	198,430	151,422	232,532	212,450	303,626	241,623	21,352
Washington.....	34,772	48,245	40,191	55,055	54,177	69,571	65,943	2,811
Oregon.....	29,755	39,641	36,875	52,514	47,514	61,907	55,970	3,071
California.....	71,165	110,724	74,356	124,963	110,759	172,148	119,710	15,470

¹ Based on reports for only a sample of farms.

Source: Department of Commerce, Bureau of the Census; preliminary data from 1950 Census of Agriculture.

No. 717.—FARM MACHINERY AND EQUIPMENT: 1930 TO 1951

[Money figures in millions. See also *Historical Statistics*, series E 105-110]

ITEM	1930	1935	1940	1945	1948	1949	1950	1951 ¹
Value of farm implements and machinery ²	\$3,302	\$2,153	\$3,060	\$6,034	\$8,780	\$11,625	\$14,199	\$15,449
Tractors on farms, Jan. 1 (1,000).....	920	1,048	1,545	2,422	2,980	3,315	3,619	3,940
Motor trucks on farms, Jan. 1 (1,000).....	900	890	1,047	1,490	1,900	2,065	2,203	2,283
Automobiles on farms, Jan. 1 (1,000).....	4,135	3,642	4,144	4,148	4,225	4,200	4,207	4,210
Sales of farm equipment, machinery, and parts ³	\$346.7	\$272.3	\$429.5	\$612.6	\$1,513.6	\$1,520.9	\$1,564.9	(4)
Farmers' expenditures:								
Motor vehicles ⁴	\$289	\$297	\$429	\$403	\$1,484	\$1,656	\$1,859	(4)
Machinery and equipment.....	\$324	\$235	\$377	\$749	\$1,589	\$1,654	\$1,721	(4)

¹ Preliminary.² Data represent inventory valuations at beginning of year. Includes family share of automobiles.³ For use in United States from domestic manufacture; from Bureau of Census, *Facts for Industry Series M35A*.⁴ Not available.⁵ Excludes family share of automobiles.

Source: Department of Agriculture, Bureau of Agricultural Economics (except as noted).

No. 718.—FERTILIZER CONSUMPTION: 1880 TO 1950

[In thousands of tons of 2,000 pounds. Based on tag sales, records of Government officials, or estimates. Beginning 1935, figures include tonnage distributed by Agricultural Adjustment Administration and by Tennessee Valley Authority, data for the latter representing fiscal years ending June 30. Data for phosphate rock used in Illinois and Florida, available only since 1939, have been excluded from annual comparisons. In addition to tonnage for consumption, fertilizers and fertilizer materials produced in continental U. S. are exported to island possessions]

YEAR	Quantity	YEAR	Quantity	YEAR	Quantity	YEAR	Quantity
1880.....	1,150	1919.....	6,626	1930.....	8,222	1941.....	9,183
1890.....	1,950	1920.....	7,177	1931.....	6,354	1942.....	9,949
1900.....	2,200	1921.....	4,863	1932.....	4,385	1943.....	11,463
1910.....	5,453	1922.....	5,671	1933.....	4,908	1944.....	12,055
1912.....	5,767	1923.....	6,445	1934.....	5,583	1945.....	13,202
1913.....	6,337	1924.....	6,826	1935.....	6,276	1946.....	14,874
1914.....	7,100	1925.....	7,334	1936.....	6,931	1947.....	15,039
1915.....	5,324	1926.....	7,329	1937.....	8,226	1948.....	15,980
1916.....	5,125	1927.....	6,844	1938.....	7,548	1949.....	16,449
1917.....	5,926	1928.....	7,986	1939.....	7,707	1950.....	18,346
1918.....	6,467	1929.....	8,012	1940.....	8,249		

Source: The National Fertilizer Association, Washington, D. O. Published in *The Fertilizer Review*.

No. 719.—FARMERS' MARKETING AND PURCHASING ASSOCIATIONS—NUMBER, MEMBERSHIP, AND BUSINESS, BY COMMODITY GROUPS: 1948-49 AND 1949-50

[See headnote, table 720]

COMMODITY GROUP	ASSOCIATIONS LISTED		ESTIMATED MEMBERSHIP ¹		ESTIMATED BUSINESS ² (\$1,000)	
	1948-49	1949-50	1948-49	1949-50	1948-49	1949-50
Total.....	10,075	10,035	6,384,000	6,584,000	9,320,000	8,726,000
Cotton and products.....	519	532	332,000	354,000	451,000	392,000
Dairy products.....	2,047	2,008	805,000	806,000	2,145,000	2,032,000
Fruits and vegetables.....	930	922	173,000	175,000	776,000	784,000
Grain, dry beans, rice.....	2,192	2,191	740,000	792,000	2,266,000	1,953,000
Livestock.....	616	580	964,000	939,000	1,297,000	1,291,000
Nuts.....	42	43	117,400	118,400	144,000	86,000
Poultry and eggs.....	134	131	134,500	142,000	304,000	280,600
Tobacco.....	17	22	473,500	502,700	189,400	115,800
Wool and mohair.....	115	107	103,000	98,000	30,000	27,000
Miscellaneous marketing.....	381	386	130,600	147,900	97,600	111,200
Purchasing.....	3,082	3,113	2,411,000	2,509,000	1,620,000	1,643,400

¹ See note 2, table 720.² See note 3, table 720.Source: Department of Agriculture, Farm Credit Administration; annual report, *Statistics of Farmers' Marketing and Purchasing Cooperatives*.

No. 720.—FARMERS' MARKETING AND PURCHASING ASSOCIATIONS—NUMBER, MEMBERSHIP, AND BUSINESS: 1913 TO 1950

[Comprises independent local associations, federations, large-scale centralized associations, sales agencies, independent service-rendering associations, and subsidiaries whose businesses are distinct from those of parent organizations. Estimates based on reports received from association officers]

PERIOD ¹	ASSOCIATIONS LISTED			ESTIMATED MEMBERSHIP ²			ESTIMATED BUSINESS (\$1,000) ³		
	Total	Marketing	Purchasing	Total	Marketing	Purchasing	Total	Marketing	Purchasing
1913.....	3,099	2,988	111	---	---	---	310,313	304,385	5,928
1915.....	5,424	5,149	275	651,186	591,683	59,503	635,839	624,161	11,678
1921.....	7,374	6,476	898	---	---	---	1,256,214	1,198,493	57,721
1925-26.....	10,803	9,586	1,217	2,700,000	2,453,000	247,000	2,400,000	2,265,000	135,000
1930-31.....	11,950	10,362	1,588	3,000,000	2,608,000	392,000	2,400,000	2,185,000	215,000
1932-33.....	11,000	9,352	1,648	3,000,000	2,457,300	542,700	1,340,000	1,199,500	140,500
1933-34.....	10,900	9,052	1,848	3,156,000	2,464,000	692,000	1,365,000	1,213,000	152,000
1934-35.....	10,700	8,794	1,906	3,280,000	2,490,000	790,000	1,530,000	1,343,000	187,000
1935-36.....	10,500	8,388	2,112	3,660,000	2,710,000	950,000	1,840,000	1,586,000	254,000
1936-37.....	10,743	8,142	2,601	3,270,000	2,414,000	856,000	2,196,000	1,882,600	313,400
1937-38.....	10,900	8,300	2,600	3,400,000	2,500,000	900,000	2,400,000	2,050,000	350,000
1938-39.....	10,700	8,100	2,600	3,300,000	2,410,000	890,000	2,100,000	1,765,000	335,000
1939-40.....	10,700	8,051	2,649	3,200,000	2,300,000	900,000	2,087,000	1,729,000	358,000
1940-41.....	10,600	7,943	2,657	3,400,000	2,420,000	980,000	2,280,000	1,911,000	369,000
1941-42.....	10,550	7,824	2,726	3,600,000	2,430,000	1,170,000	2,840,000	2,360,000	480,000
1942-43.....	10,450	7,708	2,742	3,850,000	2,580,000	1,270,000	3,780,000	3,180,000	600,000
1943-44.....	10,300	7,522	2,778	4,250,000	2,730,000	1,520,000	5,160,000	4,430,000	730,000
1944-45.....	10,150	7,400	2,750	4,505,000	2,895,000	1,610,000	5,645,000	4,835,000	810,000
1945-46.....	10,150	7,378	2,772	5,010,000	3,150,000	1,860,000	6,070,000	5,147,000	923,000
1946-47.....	10,125	7,268	2,857	5,438,000	3,378,000	2,058,000	7,116,000	6,005,000	1,111,000
1947-48.....	10,135	7,159	2,976	5,890,000	3,630,000	2,260,000	8,635,000	7,195,000	1,440,000
1948-49.....	10,075	6,993	3,082	6,384,000	3,973,000	2,411,000	9,320,000	7,700,000	1,620,000
1949-50.....	10,035	6,922	3,113	6,584,000	4,075,000	2,509,000	8,726,000	7,082,600	1,643,400

¹ Represents marketing season during which farm products of a specified year are moved into channels of trade. Marketing seasons overlap.

² For years since about 1935, comprises members, contract members, and shareholders, but excludes patrons not in these categories.

³ Includes value of commodities sold or purchased for patrons and charges for rendering other essential services either in marketing or purchasing. Most duplication in value arising from intra-association transactions has been eliminated.

No. 721.—FARMERS' MARKETING AND PURCHASING ASSOCIATIONS—NUMBER, MEMBERSHIP, AND BUSINESS, BY STATES: 1949-50

[See headnote, table 720]

DIVISION AND STATE	Asso- cia- tions listed	Esti- mated member- ship ¹	Esti- mated business (\$1,000) ²	DIVISION AND STATE	Asso- cia- tions listed	Esti- mated member- ship ¹	Esti- mated business (\$1,000) ¹
United States.....	10, 035	6, 584, 000	8, 726, 000	S. Atlantic—Continued			
New England.....	147	144, 260	281, 920	Virginia.....	126	240, 570	106, 640
Maine.....	25	9, 400	24, 300	West Virginia.....	46	30, 380	7, 100
New Hampshire.....	11	4, 260	17, 500	North Carolina.....	46	336, 540	117, 560
Vermont.....	37	13, 420	35, 060	South Carolina.....	21	8, 760	4, 100
Massachusetts.....	38	105, 880	166, 640	Georgia.....	76	181, 810	90, 100
Rhode Island.....	4	1, 770	3, 860	Florida.....	107	13, 900	130, 840
Connecticut.....	32	9, 530	34, 560	East South Central.....	390	580, 600	256, 060
Middle Atlantic.....	632	327, 240	846, 550	Kentucky.....	81	223, 770	64, 020
New York.....	391	173, 900	549, 040	Tennessee.....	109	211, 400	68, 000
New Jersey.....	63	33, 990	85, 320	Alabama.....	66	68, 190	25, 130
Pennsylvania.....	178	119, 350	212, 190	Mississippi.....	134	77, 240	98, 910
East North Central.....	2, 144	1, 775, 570	2, 265, 680	West South Central.....	931	392, 110	637, 050
Ohio.....	305	319, 600	563, 540	Arkansas.....	114	26, 160	58, 550
Indiana.....	159	323, 220	351, 400	Louisiana.....	87	8, 630	39, 220
Illinois.....	578	583, 280	675, 180	Oklahoma.....	201	165, 600	171, 640
Michigan.....	233	178, 820	252, 610	Texas.....	559	191, 720	367, 640
Wisconsin.....	869	370, 650	422, 950	Mountain.....	569	292, 130	427, 490
West North Central.....	3, 882	1, 879, 830	2, 384, 780	Montana.....	180	53, 480	72, 010
Minnesota.....	1, 271	535, 000	767, 900	Idaho.....	124	68, 870	71, 430
Iowa.....	715	347, 730	446, 640	Wyoming.....	24	12, 290	16, 170
Missouri.....	280	325, 000	349, 310	Colorado.....	113	70, 900	137, 750
North Dakota.....	562	201, 010	212, 400	New Mexico.....	30	8, 550	12, 450
South Dakota.....	302	137, 080	128, 710	Arizona.....	14	42, 850	14, 700
Nebraska.....	419	210, 500	248, 030	Utah.....	77	34, 440	101, 910
Kansas.....	333	123, 510	231, 790	Nevada.....	7	750	1, 070
South Atlantic.....	498	879, 290	527, 610	Pacific.....	842	312, 970	1, 098, 860
Delaware.....	13	9, 000	5, 140	Washington.....	202	105, 160	245, 830
Maryland.....	62	56, 630	41, 430	Oregon.....	148	88, 660	142, 730
District of Columbia.....	1	1, 700	24, 700	California.....	492	119, 150	710, 300

¹ See note 2, table 720. ² See note 3, table 720.

Source of tables 720 and 721: Department of Agriculture, Farm Credit Administration; annual report, *Statistics of Farmers' Marketing and Purchasing Cooperatives*.

No. 722.—COMMODITY CREDIT CORPORATION—INVENTORIES OF COMMODITIES
OWNED AS OF JUNE 30: 1949, 1950, AND 1951

[Amounts in thousands]

COMMODITY AND UNIT OF QUANTITY	1949		1950		1951	
	Quantity	Cost	Quantity	Cost	Quantity	Cost
Total		\$1,132,532		\$2,643,153		\$1,500,731
Barley..... bu.	24,942	33,234	31,497	46,434	20,388	31,643
Beans, dry..... cwt.	4,825	39,807	9,687	79,690	6,180	50,478
Corn..... bu.	5,648	9,926	332,460	505,864	413,424	643,182
Cotton..... bale	1	56	3,414	580,406	83	17,726
Eggs, dried..... lbs.	63,183	81,328	93,919	103,290	40,411	40,180
Flour and related grain products..... do.	14,978	695	15,147	725		
Meat, Mexican..... do.	90,629	26,073	68,891	10,485	7,308	1,493
Milk and milk products..... do.	158,900	22,932	583,483	164,877	40,006	5,943
Oats..... bu.	9,881	7,781	12,109	10,744	9,031	8,691
Oilseeds and products:						
Flaxseed..... do.	17,525	109,725	13,374	69,767	3,163	13,118
Linseed oil..... lbs.	295,836	81,896	471,667	134,846	521,356	116,897
Peanuts, Farmer Stock..... do.	94,728	10,431	5,668	608	117	13
Soybeans..... bu.	10,414	25,845	53	163	34	105
All other.....		681		3,231		717
Rosin..... lbs.	210,876	17,018	384,686	29,120	144,164	10,191
Seeds, various..... do.	725	145	13,131	1,206	409,515	23,410
Sorghums, grain..... cwt.	13,659	37,737	41,274	104,699	15,831	40,744
Turpentine..... gal.	3,410	1,856	2,587	1,217	500	224
Wheat..... bu.	232,256	542,010	327,654	760,444	196,505	483,559
Wool..... lbs.	96,020	75,704	455	402	2,607	6,426
All other.....		7,652		28,935		5,991

Source: Department of Agriculture, Production and Marketing Administration.

No. 723.—COMMODITY CREDIT CORPORATION—COST OF ACQUISITION OF AGRICULTURAL COMMODITIES FOR ALL PURPOSES DURING YEARS ENDING JUNE 30: 1949, 1950, AND 1951

[Thousands of dollars. Includes purchases under price-support, supply and foreign purchase programs as well as acquisitions in settlement of price-support loans]

COMMODITY	1949	1950	1951	COMMODITY	1949	1950	1951
Total	2,702,982	2,735,451	884,398	Domestic acquisitions—			
Domestic acquisitions	2,582,356	2,704,659	821,680	Continued.			
Barley.....	61,856	26,518	10,468	Potatoes, Irish.....	188,938	81,072	66,284
Beans, dry.....	45,463	41,055	12,200	Rice.....	6,280	10,847	10,931
Corn.....	112,935	545,531	227,459	Sugar.....	6	19,934	694
Cotton.....	4,912	600,366	16,437	Sorghum, grain.....	73,830	101,639	28,792
Eggs.....	85,629	84,735	24,208	Wheat.....	1,247,557	640,581	156,472
Flour and related grain products.....	83,666	16,234	14,384	Wool.....	60,597	32,823	21
Fruit, processed.....	24,118	8,299		Other.....	68,207	66,943	32,143
Meat and meat products.....	2,747	22,732	11,361	Purchases foreign countries	120,626	30,792	62,718
Mexican meat, canned ²	37,620	7,253		Cotton, extra long staple.....			42,728
Milk and milk products.....	52,650	197,006	68,444	Fats and oils.....	22,704	873	
Oats.....	11,991	3,971	826	Kenaf seed.....			48
Oilseeds and products:				Mexican beef, frozen.....		1,064	4,132
Flaxseed and linseed oil.....	229,099	79,915	36,979	Rice.....	34,696	82	
Peanuts.....	122,565	82,190	77,702	Sugar.....	63,226	28,937	2,500
Soybeans.....	54,274	11,743	13,842	Wool.....			13,301
All other.....	7,426	23,272	12,033				

¹ Includes cotton pooled for account of producers.

² Not a purchase by CCC; transfer from Bureau of Animal Industry for disposition.

³ Denotes credit resulting from an accounting adjustment to prior years transactions.

Source: Department of Agriculture, Production and Marketing Administration.

No. 724.—FARMS—NUMBER AND PERCENT DISTRIBUTION, BY TYPE: 1950

[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% 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 \$250-\$1,199 and with operator either reporting 100 days or more of off-farm work or other income exceeding value of farm products sold. Residential farms include those with a value of farm products sold of less than \$250. Abnormal farms include public and private institutional farms, experiment stations, community projects, etc. Data are preliminary]

TYPE OF FARM	Number of farms	Percent distribution (commercial farms)	TYPE OF FARM	Number of farms	Percent distribution (commercial farms)
All farms.....	5,382,162		Commercial farms—Continued		
Commercial farms.....	3,703,128	100.0	General farms:		
Cash-grain farms.....	432,665	11.7	Primarily crop.....	85,014	2.3
Cotton farms.....	607,045	16.4	Primarily livestock.....	134,275	3.6
Other field-crop farms.....	407,508	11.0	Crop and livestock.....	276,452	7.5
Vegetable farms.....	46,074	1.2	Miscellaneous types.....	50,086	1.4
Fruit-and-nut farms.....	81,921	2.2	Other farms.....	1,679,034	
Dairy farms.....	601,483	16.2	Part-time farms.....	642,118	
Poultry farms.....	172,562	4.7	Residential farms.....	1,032,366	
Livestock farms other than dairy and poultry.....	808,043	21.8	Abnormal farms.....	4,550	

Source: Department of Commerce, Bureau of the Census; preliminary data from 1950 Census of Agriculture.

No. 725.—VALUE OF ALL FARM PRODUCTS SOLD, WITH FARMS REPORTING, BY SOURCE OF INCOME: 1940, 1945, AND 1950

[Value of farm products refers to preceding calendar year. 1950 data are preliminary]

SOURCE OF INCOME	NUMBER OF FARMS REPORTING			VALUE OF FARM PRODUCTS SOLD					
	1940	1945	1950	Total (\$1,000)			Average per farm reporting (dollars)		
				1940	1945	1950	1940	1945	1950
All farms.....	16,096,799	15,859,169	5,382,162	(¹)	(²)	22,043,106	(²)	(²)	4,096
Farms with no farm products sold.....	440,189	523,894	361,112						
All farm products sold.....	5,617,068	5,327,687	5,021,050	6,681,581	16,230,627	22,043,106	1,190	3,046	4,390
All crops sold.....	4,225,175	3,702,481	(²)	3,094,947	7,507,597	9,796,726	733	2,028	(²)
Field crops, other than vegetables and fruits and nuts sold.....	3,825,478	3,216,108	(²)	2,470,727	5,621,103	8,015,931	646	1,748	(²)
Vegetables sold.....	468,011	579,579	346,528	199,526	576,593	597,015	436	995	1,723
Fruits and nuts sold.....	668,783	531,039	381,124	295,351	1,078,643	791,665	442	2,031	2,077
Horticultural specialties sold.....	28,774	34,690	(²)	120,343	231,259	392,116	4,495	6,666	(²)
All livestock and livestock products sold.....	4,456,508	4,336,641	(²)	3,547,482	8,644,671	12,111,870	796	1,993	(²)
Dairy products sold.....	2,647,851	2,472,709	2,006,831	1,118,193	2,531,408	3,079,132	422	1,024	1,534
Poultry and poultry products sold.....	3,507,802	3,401,918	2,730,178	555,412	1,586,549	1,823,472	158	466	668
Livestock and livestock products, other than dairy and poultry, sold.....	(²)	3,476,763	(²)	1,873,878	4,526,714	7,209,267	(²)	1,302	(²)
Forest products sold.....	276,611	221,901	(²)	39,152	78,359	134,509	142	353	(²)

¹ Includes 39,542 unclassified farms for 1940 and 7,588 for 1945 for which value of farm products sold are not available.

² Not available.

Source: Dept. of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II, and preliminary data from 1950 Census of Agriculture.

No. 726.—FARMS—NUMBER, BY TYPE OF FARM, BY STATES: 1950

[See headnote, table 724. Data are preliminary]

DIVISION AND STATE	All farms	Cash grain farms	Cotton farms	Other field-crop farms	Vegetable farms	Fruit and nut farms	Dairy farms	Poultry farms	Livestock farms other than dairy and poultry	General farms	Miscellaneous and unclassified farms
United States.....	5,382,162	432,665	607,045	407,508	46,074	81,921	601,483	172,562	808,043	495,741	1,729,120
New England.....	103,225	101	-----	6,142	1,630	1,968	27,784	12,921	2,249	2,670	47,760
Maine.....	30,358	93	-----	4,208	348	585	4,944	2,775	586	1,105	15,714
N. Hampshire.....	13,391	8	-----	82	70	210	2,963	2,080	273	383	7,322
Vermont.....	19,043	-----	-----	107	35	74	10,822	742	411	443	6,409
Massachusetts.....	22,220	-----	-----	848	720	779	4,478	4,135	557	433	10,270
Rhode Island.....	2,698	-----	-----	99	86	30	630	491	80	27	1,165
Connecticut.....	15,615	-----	-----	708	371	290	3,947	2,698	342	279	6,890
Middle Atlantic.....	296,702	6,531	-----	4,733	7,492	5,541	103,342	30,153	11,659	18,972	108,279
New York.....	124,977	2,958	-----	1,739	3,541	3,405	55,428	9,164	3,377	5,904	39,451
New Jersey.....	24,838	331	-----	882	2,916	865	4,081	6,457	581	911	7,814
Pennsylvania.....	146,887	3,242	-----	2,112	1,035	1,271	43,833	14,532	7,701	12,157	61,004
E. N. Central.....	885,404	120,404	145	8,054	6,960	7,866	226,591	26,695	153,646	112,184	222,859
Ohio.....	109,359	21,779	-----	2,915	1,398	1,341	32,530	7,363	34,301	30,948	66,784
Indiana.....	166,627	22,627	-----	1,665	636	489	15,956	6,612	46,297	27,689	44,716
Illinois.....	195,268	59,391	145	218	1,229	736	15,876	4,663	50,997	25,320	36,693
Michigan.....	155,589	15,037	-----	1,995	2,545	4,710	45,729	5,268	10,777	19,178	50,360
Wisconsin.....	168,561	1,670	-----	1,261	1,152	500	116,500	2,789	11,334	9,049	24,316
W. N. Central.....	982,735	191,777	13,278	3,093	1,715	1,216	103,453	22,647	358,775	148,032	138,749
Minnesota.....	179,101	24,997	-----	936	623	239	50,019	6,036	35,509	37,722	23,020
Iowa.....	203,159	26,323	-----	71	307	134	7,887	3,927	120,409	28,150	15,951
Missouri.....	230,045	13,100	13,278	547	443	620	29,560	6,832	78,223	21,058	66,194
North Dakota.....	65,401	39,191	-----	697	6	5	2,510	281	10,218	9,711	2,782
South Dakota.....	66,452	13,630	-----	104	40	6	1,933	810	34,620	11,522	3,787
Nebraska.....	107,183	33,272	-----	628	77	69	2,820	1,900	43,294	17,665	7,428
Kansas.....	131,394	41,264	-----	110	219	143	8,534	2,861	36,502	22,174	19,587
South Atlantic.....	958,998	10,481	104,268	246,767	10,776	10,826	31,334	31,219	48,412	54,272	410,643
Delaware.....	7,448	-----	-----	10	316	24	1,212	2,456	262	608	1,021
Maryland.....	36,107	1,370	-----	4,987	1,126	221	6,893	3,462	2,182	2,795	13,071
Dist. of Columbia.....	28	-----	-----	1	2	-----	-----	1	-----	-----	24
Virginia.....	150,997	2,372	366	34,710	844	984	8,183	5,746	13,905	9,421	74,466
West Virginia.....	81,434	360	-----	1,237	96	332	4,330	3,330	9,945	2,920	58,834
North Carolina.....	288,508	3,197	21,359	134,763	1,352	744	5,242	5,392	6,378	12,862	97,719
South Carolina.....	139,364	1,132	40,045	27,564	1,140	686	1,604	1,506	3,063	6,218	56,406
Georgia.....	198,191	1,085	41,627	37,905	1,736	470	2,914	7,364	8,151	17,025	79,914
Florida.....	56,021	326	871	5,591	4,164	7,315	956	1,962	4,525	2,923	28,288
E. S. Central.....	913,002	7,500	242,189	108,583	2,662	1,798	33,641	6,809	70,412	67,555	371,853
Kentucky.....	218,476	2,193	507	69,411	255	454	9,059	1,430	26,813	23,532	84,822
Tennessee.....	231,631	2,361	44,811	27,242	560	547	14,673	1,634	22,937	21,927	94,939
Alabama.....	211,512	1,361	74,899	11,360	771	479	2,600	2,040	9,383	13,027	95,592
Mississippi.....	251,383	1,585	121,972	570	1,076	318	7,309	1,705	11,279	9,069	96,500
W. S. Central.....	780,423	45,661	237,550	17,161	5,197	6,499	27,730	15,113	91,900	51,976	281,636
Arkansas.....	182,429	3,817	73,203	370	706	2,038	6,591	4,600	12,935	7,783	70,386
Louisiana.....	124,181	4,492	42,495	5,884	876	2,135	3,210	636	6,257	3,851	54,345
Oklahoma.....	142,246	20,091	15,640	3,373	538	460	8,336	2,027	24,617	17,242	50,032
Texas.....	331,567	17,261	106,212	7,534	3,077	1,876	9,593	7,850	48,191	23,100	106,873
Mountain.....	194,888	33,841	3,919	8,749	2,206	2,666	17,426	5,039	50,004	24,162	46,846
Montana.....	35,085	10,437	-----	867	75	183	1,787	303	12,960	3,185	5,288
Idaho.....	40,284	7,220	-----	4,411	179	344	6,229	514	5,618	7,504	8,275
Wyoming.....	12,614	1,978	-----	265	22	5	836	127	5,778	1,436	2,167
Colorado.....	45,578	9,288	-----	1,918	1,066	958	3,114	1,148	12,380	6,147	9,559
New Mexico.....	23,599	2,409	2,658	465	164	267	647	234	5,769	1,406	9,580
Arizona.....	10,412	816	1,261	40	253	349	848	533	1,948	561	3,803
Utah.....	24,176	1,634	-----	763	441	560	3,617	2,068	4,350	3,390	7,353
Nevada.....	3,110	59	-----	20	6	-----	348	112	1,301	443	821
Pacific.....	266,815	16,369	5,696	4,226	7,436	43,541	30,182	21,966	20,986	15,918	100,495
Washington.....	69,820	6,398	-----	1,109	1,390	5,972	10,569	4,408	4,653	3,148	32,173
Oregon.....	59,827	3,589	-----	1,633	1,267	4,031	6,644	3,277	6,042	6,184	27,160
California.....	137,168	6,382	5,696	1,484	4,779	33,538	12,969	14,281	10,291	6,586	41,162

Source: Department of Commerce, Bureau of the Census; preliminary data from 1950 Census of Agriculture.

No. 727.—VALUE OF ALL FARM PRODUCTS SOLD, WITH FARMS REPORTING, BY SOURCE OF INCOME, BY STATES: 1950

[Value of farm products refers to calendar year 1949. Data are preliminary]

DIVISION AND STATE	ALL FARMS REPORT- ING PRODUCTS SOLD		Field crops other than veg- etables and fruits and nuts sold, value (\$1,000)	VEGETABLES SOLD		FRUITS AND NUTS SOLD		Horti- cultural special- ties sold, value (\$1,000)
	Farms report- ing	Value (\$1,000)		Farms report- ing	Value (\$1,000)	Farms report- ing	Value (\$1,000)	
United States.....	5,021,050	22,043,106	8,015,931	346,528	597,015	381,124	791,665	392,116
New England.....	90,602	531,706	111,173	10,517	12,316	10,619	15,997	30,913
Maine.....	26,089	125,615	57,978	4,254	2,839	3,604	3,004	1,772
New Hampshire.....	11,355	46,500	1,926	937	769	1,283	1,040	1,795
Vermont.....	17,572	86,988	2,366	755	204	883	1,335	667
Massachusetts.....	19,785	135,350	15,802	2,899	5,488	3,195	7,143	15,490
Rhode Island.....	2,233	16,084	1,502	305	539	244	358	2,451
Connecticut.....	13,508	121,269	31,600	1,367	2,418	1,410	2,510	8,738
Middle Atlantic.....	273,750	1,390,717	149,594	36,859	79,275	33,049	51,966	87,116
New York.....	116,502	630,401	61,599	15,919	37,154	15,302	27,031	34,486
New Jersey.....	23,487	214,319	17,164	6,355	26,325	3,508	10,160	19,221
Pennsylvania.....	133,761	545,997	70,831	14,585	15,796	14,239	14,775	33,409
East North Central.....	847,968	4,041,223	1,106,749	73,000	71,479	56,002	57,197	89,732
Ohio.....	187,042	709,510	188,114	10,392	12,798	12,961	9,079	20,847
Indiana.....	159,279	731,894	206,961	8,602	7,941	6,665	4,117	12,465
Illinois.....	189,683	1,361,578	542,761	6,520	14,170	8,424	7,911	23,645
Michigan.....	147,025	473,612	120,578	19,299	17,497	18,599	30,600	15,994
Wisconsin.....	164,939	764,629	48,334	28,187	19,073	9,353	5,490	7,781
West North Central.....	960,443	5,691,252	1,716,407	18,746	18,056	26,755	7,497	31,570
Minnesota.....	176,014	960,553	257,177	8,475	10,661	4,558	1,100	8,063
Iowa.....	200,841	1,635,350	308,391	3,062	2,595	5,695	872	8,451
Missouri.....	218,377	719,878	183,840	4,285	2,989	9,908	4,077	8,394
North Dakota.....	65,139	400,822	265,298	164	56	274	24	478
South Dakota.....	65,900	430,400	121,937	322	152	651	57	637
Nebraska.....	106,097	779,521	257,653	863	508	2,095	295	2,098
Kansas.....	128,075	764,728	322,112	1,575	1,096	3,574	1,072	3,448
South Atlantic.....	859,383	2,124,801	1,005,334	93,405	108,329	57,503	163,004	43,444
Delaware.....	7,014	76,228	5,636	2,172	3,572	622	1,011	1,872
Maryland.....	33,103	172,157	36,146	7,711	9,808	2,317	2,900	5,559
Dist. of Columbia.....	27	570	2	4	4	4	(1)	424
Virginia.....	133,582	309,644	106,465	9,555	9,458	5,711	11,613	6,039
West Virginia.....	65,447	82,146	5,178	2,841	619	4,655	4,908	2,013
North Carolina.....	263,419	556,628	440,681	20,672	7,565	8,422	3,732	3,734
South Carolina.....	126,674	213,562	155,438	15,081	7,630	4,433	3,638	1,567
Georgia.....	180,006	375,222	213,320	24,427	9,930	14,720	5,270	4,863
Florida.....	50,111	338,645	42,467	10,942	59,743	16,619	129,931	17,973
East South Central.....	842,241	1,371,301	779,657	34,530	10,727	46,538	12,057	13,825
Kentucky.....	198,162	417,061	201,206	3,318	1,285	8,496	2,367	2,605
Tennessee.....	215,403	340,542	167,301	9,281	3,288	10,400	3,184	4,690
Alabama.....	193,128	274,037	167,958	11,046	3,406	16,905	2,751	5,210
Mississippi.....	235,548	339,661	243,191	10,885	2,748	10,737	3,755	1,321
West South Central.....	720,396	2,866,519	1,778,912	50,571	41,289	51,168	32,687	18,762
Arkansas.....	169,254	302,551	282,134	9,666	3,398	11,092	7,042	1,170
Louisiana.....	109,380	245,730	173,828	7,412	3,224	10,450	5,945	1,889
Oklahoma.....	132,683	474,886	249,036	5,221	2,916	12,047	2,726	3,886
Texas.....	309,079	1,753,052	1,073,915	28,272	31,752	17,579	16,975	11,816
Mountain.....	184,398	1,631,337	640,829	11,870	53,078	12,835	15,598	12,111
Montana.....	34,098	279,059	112,939	505	418	1,097	535	895
Idaho.....	38,754	281,023	146,027	1,882	3,344	2,543	3,202	1,262
Wyoming.....	12,160	121,836	28,376	182	138	206	31	255
Colorado.....	43,723	426,448	156,248	3,534	11,443	3,259	4,186	6,754
New Mexico.....	20,172	154,740	64,921	1,234	2,608	1,720	1,291	548
Arizona.....	9,496	203,937	99,505	642	30,238	1,097	3,799	861
Utah.....	23,051	130,288	28,791	3,760	4,611	2,796	2,533	1,410
Nevada.....	2,944	34,007	4,023	131	278	117	22	127
Pacific.....	241,869	2,394,249	727,275	17,030	202,466	86,655	435,662	64,643
Washington.....	61,612	364,209	142,741	4,435	14,866	14,627	57,829	8,726
Oregon.....	53,860	298,079	98,366	3,631	16,738	15,167	27,506	9,130
California.....	126,397	1,731,961	486,168	8,964	170,862	56,861	350,327	46,787

1 \$500 or less.

**NO. 727.—VALUE OF ALL FARM PRODUCTS SOLD WITH FARMS REPORTING, BY
SOURCE OF INCOME, BY STATES: 1950—Continued**

DIVISION AND STATE	DAIRY PRODUCTS SOLD		POULTRY AND POULTRY PRODUCTS SOLD		Livestock and live-stock products sold, value ² (\$1,000)	Forest products sold, value (\$1,000)	Farms with no farm products sold (number)
	Farms reporting	Value (\$1,000)	Farms reporting	Value (\$1,000)			
United States.....	2,006,831	3,079,132	2,730,178	1,823,472	7,209,267	134,509	361,112
New England.....	38,623	183,023	34,813	128,055	40,211	10,019	12,623
Maine.....	10,093	22,071	9,218	26,182	7,132	4,538	4,269
New Hampshire.....	4,583	15,376	4,788	19,905	3,882	1,201	2,036
Vermont.....	12,443	62,358	5,386	6,065	10,527	3,405	1,471
Massachusetts.....	5,961	40,125	8,233	39,958	10,720	623	2,435
Rhode Island.....	785	6,631	1,006	3,489	1,090	23	305
Connecticut.....	4,758	36,461	6,182	32,456	6,859	227	2,107
Middle Atlantic.....	140,967	569,886	146,130	268,587	176,617	7,676	22,952
New York.....	68,394	319,323	48,274	80,425	66,500	3,882	8,475
New Jersey.....	4,938	50,146	13,023	72,841	18,253	210	1,351
Pennsylvania.....	67,635	200,416	84,833	115,322	91,864	3,584	13,126
East North Central.....	537,534	904,117	541,752	302,873	1,496,365	12,710	37,436
Ohio.....	108,960	142,221	119,331	73,650	251,290	2,511	12,317
Indiana.....	91,591	93,910	107,908	70,100	334,799	1,599	7,345
Illinois.....	100,548	127,166	140,798	64,761	580,258	905	5,585
Michigan.....	89,651	143,115	74,369	41,215	101,581	3,031	8,504
Wisconsin.....	140,794	397,705	99,346	53,147	228,436	4,664	3,622
West North Central.....	618,877	511,791	710,227	411,810	2,988,503	5,618	22,292
Minnesota.....	134,536	188,440	129,356	117,918	375,036	2,158	3,087
Iowa.....	143,659	116,436	165,735	120,315	1,077,850	440	2,318
Missouri.....	113,205	79,246	152,067	60,340	378,419	2,573	11,068
North Dakota.....	43,308	24,145	37,718	8,946	101,844	31	262
South Dakota.....	40,708	21,386	50,087	24,263	261,868	100	552
Nebraska.....	69,263	34,048	81,679	40,391	444,469	59	1,080
Kansas.....	74,198	48,089	93,585	39,637	349,017	257	3,319
South Atlantic.....	160,709	212,135	363,512	262,839	279,211	50,505	99,615
Delaware.....	2,018	6,812	4,678	54,401	2,771	153	434
Maryland.....	11,722	47,218	20,402	45,536	23,932	1,058	3,004
District of Columbia.....	2	96	5	2	41	(¹)	1
Virginia.....	44,744	46,243	77,681	45,774	77,502	6,550	17,415
West Virginia.....	24,043	15,436	38,640	18,840	32,898	2,255	15,987
North Carolina.....	35,635	26,227	104,779	28,908	35,905	9,874	25,089
South Carolina.....	17,610	11,442	34,133	10,675	18,141	5,030	12,690
Georgia.....	22,531	23,994	66,765	45,092	50,913	21,839	13,185
Florida.....	2,404	34,667	16,429	13,611	37,109	3,744	6,810
East South Central.....	212,755	131,369	407,877	52,053	346,883	24,731	70,761
Kentucky.....	85,365	41,316	120,842	15,783	149,300	3,190	20,314
Tennessee.....	68,309	45,280	129,511	13,827	98,501	4,470	16,228
Alabama.....	28,242	19,439	80,533	11,702	53,605	9,967	18,384
Mississippi.....	30,839	25,334	76,991	10,741	45,477	7,094	15,835
West South Central.....	148,620	157,072	364,124	113,914	715,236	8,646	60,027
Arkansas.....	36,703	17,011	75,299	30,221	48,396	3,481	13,175
Louisiana.....	6,387	19,703	39,625	3,922	35,257	1,963	14,801
Oklahoma.....	52,603	36,424	81,099	18,897	160,600	401	9,563
Texas.....	52,977	83,934	168,101	60,874	470,984	2,802	22,488
Mountain.....	78,661	101,435	79,568	55,284	750,129	2,872	10,460
Montana.....	14,338	11,166	15,942	4,150	148,313	643	987
Idaho.....	24,197	27,818	15,520	6,134	92,369	867	1,530
Wyoming.....	5,164	4,380	5,870	1,901	86,625	132	454
Colorado.....	18,539	21,801	22,812	12,622	213,103	280	1,855
New Mexico.....	3,230	6,552	6,988	2,252	76,384	153	3,427
Arizona.....	1,753	10,873	3,021	2,914	55,035	712	916
Utah.....	10,640	16,373	8,335	24,568	51,961	42	1,125
Nevada.....	800	2,473	1,080	743	26,340	2	166
Pacific.....	70,085	308,303	82,175	228,056	416,111	11,733	24,946
Washington.....	26,560	51,507	24,670	31,186	53,774	3,580	8,208
Oregon.....	22,377	37,492	21,987	28,870	73,609	6,368	5,967
California.....	21,158	219,304	35,518	168,000	288,728	1,785	10,771

¹ \$500 or less.² Other than dairy and poultry.

Source: Department of Commerce, Bureau of the Census; preliminary data from 1950 Census of Agriculture.

No. 728.—VALUE OF ALL FARM PRODUCTS SOLD OR USED BY FARM HOUSEHOLDS,
WITH FARMS REPORTING, BY VALUE GROUPS: 1930, 1940, AND 1945

[Value of farm products refers to preceding calendar year]

VALUE GROUPS	NUMBER OF FARMS REPORTING			VALUE OF FARM PRODUCTS SOLD OR USED BY FARM HOUSEHOLDS					
	1930	1940	1945	Total (\$1,000)		Average per farm (dollars)		Percent of total	
				1940	1945	1940	1945	1940	1945
All farms.....	6,288,648	6,096,799	5,859,169	(1)	(1)	(1)	(1)	(1)	(1)
Farms unclassified ¹	288,766	39,542	7,588	(1)	(1)	(1)	(1)	(1)	(1)
All value groups.....	6,999,882	6,057,257	5,851,581	7,813,645	18,108,132	1,290	3,095	100.0	100.0
Farms with value of products sold or used by farm households.....	6,999,882	5,968,755	5,752,908	7,813,645	18,108,132	1,309	3,148	100.0	100.0
Under \$250.....	307,517	1,233,607	552,253	159,329	62,779	129	114	2.0	.3
\$0.....	(1)	88,502	98,673	(1)	(1)	(1)	(1)	(1)	(1)
\$1 to \$99.....	(1)	332,195	120,467	18,951	(1)	57	(1)	.2	(1)
\$100 to \$249.....	(1)	812,810	333,113	140,377	(1)	173	(1)	1.8	(1)
\$250 to \$399.....	518,032	821,616	433,922	263,117	137,141	320	316	3.4	.8
\$400 to \$599.....	766,118	870,629	514,194	427,859	251,498	491	489	5.5	1.4
\$400 to \$499.....	(1)	(1)	267,666	(1)	(1)	(1)	(1)	(1)	(1)
\$500 to \$599.....	(1)	(1)	246,528	(1)	(1)	(1)	(1)	(1)	(1)
\$600 to \$999.....	1,245,684	1,053,575	780,434	817,144	610,359	776	782	10.5	3.4
\$600 to \$799.....	(1)	479,481	421,125	320,767	(1)	669	(1)	4.1	(1)
\$800 to \$999.....	(1)	574,094	359,309	496,377	(1)	865	(1)	6.4	(1)
\$1,000 to \$1,499.....	937,910	708,917	718,009	866,289	882,232	1,222	1,229	11.1	4.9
\$1,000 to \$1,199.....	(1)	(1)	816,119	(1)	(1)	(1)	(1)	(1)	(1)
\$1,200 to \$1,499.....	(1)	(1)	401,890	(1)	(1)	(1)	(1)	(1)	(1)
\$1,500 to \$2,499.....	981,163	680,101	908,624	1,306,697	1,767,681	1,921	1,945	16.7	9.8
\$1,500 to \$1,999.....	(1)	416,081	517,725	718,249	(1)	1,725	(1)	9.2	(1)
\$2,000 to \$2,499.....	(1)	264,020	390,898	588,448	(1)	2,229	(1)	7.5	(1)
\$2,500 to \$3,999.....	628,006	375,973	742,780	1,169,501	2,351,213	3,111	3,165	15.0	13.0
\$2,500 to \$2,999.....	(1)	(1)	300,373	(1)	(1)	(1)	(1)	(1)	(1)
\$3,000 to \$3,999.....	(1)	(1)	442,407	(1)	(1)	(1)	(1)	(1)	(1)
\$4,000 to \$5,999.....	201,112	165,679	514,055	796,228	2,506,711	4,806	4,876	10.2	13.8
\$4,000 to \$4,999.....	(1)	(1)	302,203	(1)	(1)	(1)	(1)	(1)	(1)
\$5,000 to \$5,999.....	(1)	(1)	211,852	(1)	(1)	(1)	(1)	(1)	(1)
\$6,000 to \$9,999.....	147,753	88,947	398,270	666,923	3,021,570	7,498	7,587	8.5	16.7
\$6,000 to \$7,999.....	(1)	(1)	257,681	(1)	(1)	(1)	(1)	(1)	(1)
\$8,000 to \$9,999.....	(1)	(1)	140,589	(1)	(1)	(1)	(1)	(1)	(1)
\$10,000 and over.....	86,587	58,313	289,040	1,340,558	6,516,949	22,989	22,547	17.2	36.0
\$10,000 to \$19,999.....	61,606	40,670	205,803	545,022	(1)	13,401	(1)	7.0	(1)
\$20,000 and over.....	24,981	17,643	83,237	795,536	(1)	45,091	(1)	10.2	(1)
\$20,000 to \$29,999.....	(1)	8,817	42,025	211,248	4,321,421	23,959	(1)	2.7	23.9
\$30,000 to \$39,999.....	(1)	3,388	16,306	115,045	(1)	34,134	(1)	1.5	(1)
\$40,000 to \$49,999.....	(1)	1,687	8,086	74,788	(1)	44,332	(1)	1.0	(1)
\$50,000 to \$74,999.....	(1)	1,899	8,489	112,975	(1)	59,492	(1)	1.4	(1)
\$75,000 to \$99,999.....	(1)	781	3,446	65,177	2,195,528	85,646	88,153	.8	12.1
\$100,000 and over.....	(1)	1,091	4,885	215,703	(1)	197,712	(1)	2.8	(1)

¹ Not available.

² Not classified either by total value of farm products or by type. Figures for 1930 include nurseries, green-houses, and apiaries.

³ Includes "\$0" product farms operated in 1929; excludes "\$0" product farms not operated in 1929, but to be operated in 1930.

⁴ Figures for farms with \$600 to \$749 value of products.

⁵ Figures for farms with \$750 to \$999 value of products.

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

No. 729.—VALUE OF ALL FARM PRODUCTS SOLD OR USED BY FARM HOUSEHOLDS, WITH FARMS REPORTING, BY TYPE OF FARM AND VALUE GROUPS: 1945

[Value of farm products refers to calendar year 1944]

TYPE OF FARM AND VALUE GROUP	Number of farms reporting	VALUE OF FARM PRODUCTS SOLD OR USED BY FARM HOUSEHOLDS (\$1,000)		TYPE OF FARM AND VALUE GROUP	Number of farms reporting	VALUE OF FARM PRODUCTS SOLD OR USED BY FARM HOUSEHOLDS (\$1,000)	
		Total	Used by farm households			Total	Used by farm households
All classified farms¹	5,752,908	18,108,132	1,877,505	Dairy farms	558,609	2,290,003	197,057
Under \$250	453,580	62,779	45,708	Under \$250	4,630	776	227
\$250 to \$399	433,922	137,141	92,540	\$250 to \$399	8,190	2,688	800
\$400 to \$599	514,194	251,498	139,282	\$400 to \$599	18,199	9,110	2,738
\$600 to \$999	780,434	610,359	241,692	\$600 to \$999	45,568	36,409	9,881
\$1,000 to \$1,499	718,009	882,232	327,113	\$1,000 to \$1,499	59,665	74,414	16,480
\$1,500 to \$2,499	908,624	1,707,681	235,084	\$1,500 to \$2,499	109,218	216,706	35,515
\$2,500 to \$3,999	742,780	2,351,213	283,551	\$2,500 to \$3,999	124,755	399,112	45,810
\$4,000 to \$5,999	514,055	2,506,711	207,671	\$4,000 to \$5,999	92,609	450,978	38,011
\$6,000 to \$9,999	398,270	3,021,570	169,651	\$6,000 to \$9,999	63,146	476,216	28,937
\$10,000 and over	289,040	6,516,949	135,213	\$10,000 and over	32,629	623,594	18,459
Farms producing products primarily for sale	4,463,702	17,502,376	1,424,375	Poultry farms	274,504	959,460	73,586
Under \$250	105,707	15,707	7,713	Under \$250	17,501	2,590	851
\$250 to \$399	122,686	39,499	9,985	\$250 to \$399	18,256	5,872	1,866
\$400 to \$599	227,858	112,888	30,624	\$400 to \$599	30,047	14,812	4,781
\$600 to \$999	540,163	428,857	111,639	\$600 to \$999	50,678	39,538	11,853
\$1,000 to \$1,499	640,601	790,150	176,867	\$1,000 to \$1,499	39,394	48,080	11,913
\$1,500 to \$2,499	884,503	1,724,768	209,036	\$1,500 to \$2,499	38,894	75,037	13,512
\$2,500 to \$3,999	740,904	2,345,702	280,243	\$2,500 to \$3,999	26,318	82,941	9,507
\$4,000 to \$5,999	513,979	2,506,354	207,452	\$4,000 to \$5,999	18,169	88,548	6,604
\$6,000 to \$9,999	398,261	3,021,501	169,614	\$6,000 to \$9,999	16,102	123,668	5,820
\$10,000 and over	289,040	6,516,949	135,213	\$10,000 and over	19,145	478,373	6,811
Fruit-and-nut farms	133,577	1,076,404	24,758	Livestock farms	806,320	4,143,595	278,272
Under \$250	6,385	870	189	Under \$250	21,267	3,208	788
\$250 to \$399	6,373	2,014	394	\$250 to \$399	22,558	7,247	1,963
\$400 to \$599	8,493	4,159	862	\$400 to \$599	37,412	18,485	5,287
\$600 to \$999	13,701	10,666	2,118	\$600 to \$999	76,340	60,292	16,417
\$1,000 to \$1,499	12,571	15,295	2,451	\$1,000 to \$1,499	81,521	100,537	23,009
\$1,500 to \$2,499	16,727	32,528	3,489	\$1,500 to \$2,499	125,100	246,603	41,546
\$2,500 to \$3,999	15,958	50,433	3,287	\$2,500 to \$3,999	133,041	426,618	49,335
\$4,000 to \$5,999	13,606	66,352	2,680	\$4,000 to \$5,999	117,247	576,713	47,757
\$6,000 to \$9,999	15,350	117,755	2,967	\$6,000 to \$9,999	106,670	813,470	47,529
\$10,000 and over	24,413	776,332	6,321	\$10,000 and over	85,164	1,890,423	44,640
Vegetable farms	92,178	467,262	23,098	Forest-products farms	29,015	48,059	8,621
Under \$250	5,057	761	194	Under \$250	2,216	318	65
\$250 to \$399	5,593	1,783	439	\$250 to \$399	2,162	688	170
\$400 to \$599	8,615	4,221	1,136	\$400 to \$599	3,116	1,533	416
\$600 to \$999	14,787	11,500	2,987	\$600 to \$999	5,553	4,366	1,261
\$1,000 to \$1,499	13,031	15,861	3,553	\$1,000 to \$1,499	5,354	6,582	1,769
\$1,500 to \$2,499	14,205	27,385	4,553	\$1,500 to \$2,499	5,533	10,615	2,310
\$2,500 to \$3,999	10,005	31,493	3,224	\$2,500 to \$3,999	2,893	8,938	1,421
\$4,000 to \$5,999	7,093	34,025	2,230	\$4,000 to \$5,999	1,300	6,244	661
\$6,000 to \$9,999	5,994	45,401	1,986	\$6,000 to \$9,999	645	4,842	378
\$10,000 and over	7,888	294,833	2,788	\$10,000 and over	243	3,933	146
Horticultural-specialty farms	15,954	232,615	2,678	General farms	690,908	2,284,223	257,620
Under \$250	240	39	8	Under \$250	5,470	904	288
\$250 to \$399	547	174	28	\$250 to \$399	10,073	3,309	1,052
\$400 to \$599	875	428	75	\$400 to \$599	24,348	12,185	3,881
\$600 to \$999	1,243	955	175	\$600 to \$999	70,197	56,303	16,570
\$1,000 to \$1,499	1,203	1,435	186	\$1,000 to \$1,499	94,706	117,627	29,539
\$1,500 to \$2,499	1,726	3,333	287	\$1,500 to \$2,499	153,153	301,765	56,985
\$2,500 to \$3,999	1,666	5,217	287	\$2,500 to \$3,999	147,027	466,832	60,641
\$4,000 to \$5,999	1,608	8,099	298	\$4,000 to \$5,999	100,462	488,443	45,003
\$6,000 to \$9,999	1,804	13,747	320	\$6,000 to \$9,999	63,272	472,957	30,766
\$10,000 and over	4,932	199,188	1,005	\$10,000 and over	22,200	363,897	12,895
All other-crop (field crop) farms	1,862,637	6,000,756	558,683	Farms producing products primarily for own household use	1,289,206	605,757	453,130
Under \$250	42,941	6,242	1,100	Under \$250	347,873	47,072	41,995
\$250 to \$399	48,994	15,724	3,273	\$250 to \$399	311,236	97,042	32,555
\$400 to \$599	96,753	47,955	11,448	\$400 to \$599	286,336	138,610	108,658
\$600 to \$999	262,096	208,828	50,377	\$600 to \$999	240,271	181,502	130,054
\$1,000 to \$1,499	333,156	410,319	87,967	\$1,000 to \$1,499	77,408	92,081	60,256
\$1,500 to \$2,499	418,947	810,795	140,838	\$1,500 to \$2,499	24,121	42,913	26,408
\$2,500 to \$3,999	279,241	874,120	106,730	\$2,500 to \$3,999	1,876	5,510	3,308
\$4,000 to \$5,999	161,885	786,951	64,110	\$4,000 to \$5,999	76	358	219
\$6,000 to \$9,999	125,308	953,445	50,894	\$6,000 to \$9,999	9	69	37
\$10,000 and over	92,376	1,886,376	41,947	\$10,000 and over			

¹ Excludes 98,673 farms with no farm products sold or used and 7,588 unclassified farms.

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

No. 730.—FARMS AND FARM PROPERTY—SUMMARY FOR ALASKA, HAWAII, PUERTO RICO, VIRGIN ISLANDS, GUAM, AND AMERICAN SAMOA

[Figures are as of Apr. 1, except 1939 figures for Alaska, as of Oct. 1. 1950 data are preliminary]

ITEM	ALASKA		HAWAII		PUERTO RICO	
	1939	1950	1940	1950	1930	1940
Number of farms, total	623	525	4,995	5,750	52,965	55,519
Operated by owners.....	471	495	1,345	2,335	43,101	42,990
Full owners.....	397	445	956	1,638	40,480	40,622
Part owners.....	74	50	389	697	2,621	2,368
Operated by managers.....	27	10	123	109	3,374	1,303
Operated by tenants.....	125	20	3,527	3,306	6,490	11,226
Land in farms, total ¹	1,775,752	421,799	2,485,648	2,432,069	1,979,474	1,885,874
Operated by owners.....	51,566	62,510	490,396	493,212	1,166,976	1,072,144
Full owners.....	43,522	53,105	41,966	85,460	1,040,161	931,931
Part owners.....	8,044	9,405	448,430	407,752	126,815	140,213
Operated by managers.....	526,619	157,152	1,882,113	1,897,242	676,760	573,699
Operated by tenants.....	1,197,567	202,137	113,139	41,615	135,738	240,031
Number of farms, by size: ¹						
Under 10 acres or cuerdas.....	75	58	2,870	3,558	26,520	29,370
10 to 19 acres or cuerdas.....	24	19	952	979	11,067	11,288
20 to 49 acres or cuerdas.....	86	58	739	690	8,835	8,575
50 to 99 acres or cuerdas.....	117	81	163	193	3,351	3,200
100 to 174 acres or cuerdas.....	190	231	60	105	1,570	1,504
175 to 259 acres or cuerdas.....	26	32	40	41	674	646
260 to 499 acres or cuerdas.....	45	32	36		581	594
500 acres or cuerdas and over.....	60	14	135	184	367	342
Land in farms, by size of farm: ¹						
Under 10 acres or cuerdas.....	307	245	11,344	13,184	131,432	145,438
10 to 19 acres or cuerdas.....	306	242	12,892	13,033	147,503	151,510
20 to 49 acres or cuerdas.....	3,288	2,185	23,030	20,533	264,712	258,563
50 to 99 acres or cuerdas.....	8,403	6,047	11,228	13,061	226,404	215,540
100 to 174 acres or cuerdas.....	28,295	34,000	7,579	13,683	201,928	191,678
175 to 259 acres or cuerdas.....	5,459	6,721	8,475	8,688	143,884	135,568
260 to 499 acres or cuerdas.....	15,041	10,455	12,955		196,061	206,789
500 acres or cuerdas and over.....	1,714,653	361,904	2,398,145	2,349,887	667,490	580,788
Value of farm property (\$1,000):						
Land and buildings.....	3,841	6,544	112,788	195,277	182,112	173,863
Buildings.....	2,140	(2)	17,829	(2)	16,948	16,556
Implements and machinery.....	377	(2)	13,805	(2)	4,617	8,445

ITEM	VIRGIN ISLANDS		GUAM	
	1940	1950	1940	1950
Number of farms, total	828	755	2,529	2,262
Operated by owners.....	540	573	1,209	901
Full owners.....	498	540	(2)	(2)
Part owners.....	42	33	(2)	(2)
Operated by managers.....	58	36		
Operated by tenants.....	230	146		
Operated by lessees, renters, and borrowers (squatters).....			1,320	1,361
Land in farms, total ¹	55,219	63,753	26,264	10,025
Operated by owners.....	24,107	41,633	15,094	5,405
Full owners.....	22,623	37,039	(2)	(2)
Part owners.....	1,484	4,594	(2)	(2)
Operated by managers.....	24,782	17,813		
Operated by tenants.....	6,330	4,307		
Operated by lessees, renters, and borrowers (squatters).....			11,170	4,620
Number of farms, by size:				
Under 10 acres or hectares.....	504	304	(2)	2,072
10 to 19 acres or hectares.....	145	140	(2)	119
20 to 49 acres or hectares.....	53	94	(2)	55
50 to 499 acres or hectares.....	96	126	(2)	
500 acres or hectares and over.....	30	31	(2)	16
Land in farms, by size of farm: ¹				
Under 10 acres or hectares.....	2,764	1,723	(2)	3,675
10 to 19 acres or hectares.....	1,816	1,844	(2)	1,535
20 to 49 acres or hectares.....	1,526	2,858	(2)	1,599
50 to 499 acres or hectares.....	20,092	24,096	(2)	
500 acres or hectares and over.....	29,021	33,232	(2)	3,216
Value of farm property (\$1,000):				
Land and buildings.....	2,399	6,493	(2)	(2)
Buildings.....	771	(2)	(2)	(2)
Implements and machinery.....	113	(2)	(2)	(2)

ITEM	AMERICAN SAMOA	
	1940	1950
Number of farms.....	1,038	1,490
Farms operated by owners.....	709	862
Land in farms (acres).....	(2)	14,830

¹ For Alaska, Hawaii, and Virgin Islands, figures are for acres; for Puerto Rico, cuerdas; and for Guam, hectares. A cuerda is equivalent to 0.9712 acre and a hectare to 2.471 acres.

² Data not available.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, *Agriculture, Territories and Possessions*, and preliminary data from 1950 Census of Agriculture.

25. Agriculture—Production and Related Subjects

(Sent to print May 7, 1952)

The data in this section are, for the most part, from the Bureau of the Census, Department of Commerce, and from various bureaus in the United States Department of Agriculture. In general, statistics for agriculture census years are from the Bureau of the Census. Estimates for intervening years, and adjustments, where necessary, to a January 1 basis are from the Bureau of Agricultural Economics, United States Department of Agriculture.

Annual agricultural statistics of a wide variety have been issued currently by the United States Department of Agriculture for over 80 years—the first being as of May 1, 1863. The 41 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 Bureau of Agricultural Economics in Washington, where, after review, reports are issued containing State, Regional, and United States data.

Statistics compiled by the Bureau of Agricultural Economics 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-quarters of a million reporters, located in every agricultural county in the United States, who report on one or more items during a year. These reporters, mostly farmers, 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 Bureau of Agricultural Economics 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. For each survey the rural carrier distributes 10 to 20 cards to farmers on his route. The farmer is asked to complete his questionnaire for his own farm and return the card to his mail box.

In the data prepared by the Bureau of Agricultural Economics, estimates of crop acreage and production for the census years are set up currently on 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 as well as 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. Usually, all known sources of information pertaining to agriculture in general, from the farm to the consumer's household are tapped for basic facts used in compiling current statistics on agriculture.

For each decade from 1840 through 1900, the Census of Agriculture was taken as of June 1. The five decennial censuses since then have been taken as of April 15, 1910; January 1, 1920; and April 1, 1930, 1940, and 1950. The 1925, 1935, and 1945 quinquennial Censuses of Agriculture were taken as of January 1. Comparison of inventory numbers of livestock from census to census is seriously affected by a change in the date of enumeration. From January to April there are material changes in num-

bers 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 the 1945 Census of Agriculture Reports 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. A single census may be taken at a time when such a cycle is at the peak or at the trough of numbers and hence gives no true indication of the long-time trend.

Annual inventory numbers of livestock on farms prepared by the Department of Agriculture together with estimates of livestock, dairy, and poultry production 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 inspected slaughter. The level for these inventories is based in large part on census enumerations for years when census data are available.

Data on imports and exports are now compiled by the Department of Commerce, Bureau of the Census, and are published in the annual report, *Foreign Commerce and Navigation of the United States*. (See also section 31, Foreign Commerce.) The official trade statistics based on the fiscal year are usually preferable to data presented on a calendar year basis, for use in comparing imports and exports with crop production since, for most crops, they coincide more nearly with the crop year.

Historical statistics.—See preface and historical appendix. Tabular headnotes (as "See also *Historical Statistics*, series E 72-75") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*.

No. 731.—FARM PRODUCTION INDEXES AND ACREAGE OF 52 CROPS: 1929 TO 1951

[See also *Historical Statistics*, series E 72-75]

ITEM	1929	1930	1935	1940	1945	1947	1948	1949	1950	1951
INDEXES OF VOLUME OF PRODUCTION 1935-39=100										
Gross farm production ¹	101	98	97	108	123	121	131	130	127	128
Farm output for human use.....	97	95	96	110	129	129	141	140	138	139
Farm produced, horse and mule power.....	124	120	105	92	76	64	59	53	48	43
Product added by livestock: ²										
Total livestock.....	101	102	95	107	130	124	120	126	128	131
Livestock, exc. horses and mules.....	97	99	94	110	139	134	131	139	143	147
Crops and pasture, total ³	100	96	97	108	120	120	136	132	127	127
Feed grains, hay, and pasture.....	103	94	103	111	124	109	135	128	129	123
Food grains.....	106	115	84	107	142	173	167	147	132	129
Truck crops.....	86	86	94	111	125	132	137	139	145	140
Vegetables exc. truck crops.....	92	94	107	102	111	108	121	114	115	88
Fruits and tree nuts.....	86	84	104	108	111	125	113	123	117	124
Sugar crop.....	72	83	90	102	94	109	92	94	114	88
Cotton and cottonseed.....	113	106	81	96	69	90	113	122	75	116
Tobacco.....	103	112	90	99	136	145	135	135	140	157
Oil crops.....	60	66	98	165	274	282	343	320	372	345
Production for sale and for home consumption, total.....	99	98	91	110	134	136	138	141	138	141
Livestock and products, total ⁴	99	99	93	112	141	137	130	137	140	143
Meat animals.....	103	100	90	118	147	145	134	139	141	143
Poultry and eggs.....	100	106	92	112	170	157	153	170	182	194
Dairy products.....	93	94	98	105	119	117	114	117	118	117
Crops, total ⁵	98	96	89	107	122	135	152	147	134	139
Food grains.....	113	109	81	110	155	197	189	166	148	144
Feed grains and hay.....	103	83	91	114	144	131	207	187	175	160
Cotton and cottonseed.....	113	105	81	95	68	91	115	125	77	118
Oil-bearing crops.....	62	68	96	171	291	300	367	339	394	362
Tobacco.....	105	113	89	101	137	145	136	136	140	157
Truck crops.....	87	91	92	111	142	140	143	144	145	158
Fruits and tree nuts.....	73	89	95	110	113	126	115	122	126	126
Vegetables.....	90	90	104	101	110	107	124	115	115	90
Sugar crops.....	74	85	89	104	94	110	91	98	112	87
AGGREGATE ACREAGE, 52 CROPS										
Planted or grown (1,000 acres).....	363, 028	369, 550	361, 889	347, 828	356, 091	355, 933	359, 222	364, 775	353, 318	362, 332
Harvested (1,000 acres)...	355, 295	359, 896	336, 050	331, 508	345, 313	346, 131	347, 785	351, 850	336, 595	335, 942

¹ Measures calendar-year production of all crops and pasture consumed by all livestock, and the product added in conversion of feed and pasture into livestock and livestock products for human use and into farm-produced horse and mule power.

² Estimated value, at 1935-39 average prices, of all feed (including commercial feeds) and pasture consumed by each class of livestock subtracted from total value, at 1935-39 average prices, of livestock and livestock products.

³ Includes miscellaneous crops not included in groups shown.

⁴ Volume of sales and home consumption during calendar year.

⁵ Total crop production, minus quantities retained for feed or seed and quantities not harvested or lost.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual report, *Agricultural Statistics*.

No. 732.—FARM LABOR PRODUCTIVITY AND MAN-HOURS REQUIRED: 1910 TO 1951

[Data for 1950 and prior years not adjusted to 1950 Census results]

YEAR	Man-hours of labor required on farms ¹ (millions)	Index of farm output per man-hour (1935-39=100) ²	YEAR	Man-hours of labor required on farms ¹ (millions)	Index of farm output per man-hour (1935-39=100) ²
1910.....	22,343	74	1943.....	20,910	125
1915.....	22,938	80	1944.....	20,768	130
1920.....	23,770	81	1945.....	19,976	136
1925.....	23,643	82	1946.....	19,462	144
1930.....	22,753	87	1947.....	18,984	142
1935.....	20,903	96	1948.....	18,805	157
1940.....	20,520	112	1949.....	18,660	156
1941.....	20,149	118	1950.....	17,573	164
1942.....	21,057	127	1951.....	17,916	162

¹ Expressed in terms of man-equivalent hours, that is, time used by average adult males in performing farm operations.² Index of farm output (production available for human use) divided by index of man-hour requirements.Source: Department of Agriculture, Bureau of Agricultural Economics. Published in *Agricultural Statistics*.

No. 733.—AGRICULTURAL PRODUCTS EXPORTED—VALUE, BY MAJOR GROUPS: 1921 TO 1951

[In millions of dollars. Excludes reexports of foreign products]

PERIOD	Total agricultural exports	Animals and products, edible	Dairy products and eggs	Grains and preparations	Vegetables, fruits, and nuts	Miscellaneous animal and vegetable products	Cotton	Tobacco
1921-1925, average.....	2,013.2	283.2	38.8	474.3	102.0	145.3	805.0	164.6
1926-1930, average.....	1,691.6	189.8	23.6	318.6	144.3	105.1	765.7	144.5
1931-1935, average.....	731.7	63.9	6.9	55.4	94.4	40.8	366.5	103.7
1936-1940, average.....	701.2	44.6	8.6	104.6	91.4	59.2	282.9	109.8
1941-1945, average.....	1,654.4	490.7	376.6	174.0	170.7	153.0	151.7	137.7
1946-1950, average ¹	3,222.5	216.4	209.6	1,205.4	282.0	307.0	674.2	267.9
1945.....	2,253.9	307.4	425.2	444.2	282.8	186.8	278.7	238.8
1946.....	3,140.0	446.6	450.2	788.8	314.6	250.5	538.2	351.2
1947.....	3,130.9	234.4	338.7	1,242.5	321.9	299.4	423.2	270.7
1948 ¹	3,419.9	136.3	255.9	1,704.7	350.1	247.5	511.0	214.5
1949 ¹	3,568.5	151.2	200.5	1,457.4	243.5	389.7	874.2	251.9
1950 ¹	2,853.1	113.8	102.8	833.9	179.9	348.0	1,024.5	250.2
1951 ¹	4,012.2	204.5	153.0	1,483.2	211.8	487.7	1,146.4	325.5

¹ Effective 1948, includes shipments under Army Civilian Supply Program.Source: Department of Commerce, Bureau of the Census; annual report, *Foreign Commerce and Navigation of the U. S.*, and records.

No. 734.—AGRICULTURAL PRODUCTS EXPORTED—INDEXES OF QUANTITY: 1940 TO 1951

[January 1924-December 1929=100]

YEAR ENDING JUNE 30—	Total ¹	Cotton, including linters	Agricultural, except cotton	Tobacco, unmanufactured	Fruits	Wheat and flour	Other grains	Cured pork	Lard, including neutral
1940.....	63	77	50	67	88	29	58	17	33
1941.....	25	15	34	35	38	22	46	7	24
1942.....	49	14	82	61	62	19	51	70	84
1943.....	55	15	92	62	52	18	36	81	70
1944.....	67	15	115	74	70	27	39	75	106
1945.....	64	20	105	97	69	31	49	38	109
1946.....	96	43	146	110	75	175	70	6	57
1947 ²	100	46	151	122	90	201	168	8	41
1948.....	90	24	151	83	89	266	109	2	43
1949.....	109	56	158	92	66	278	165	4	62
1950.....	97	68	125	101	63	172	180	6	69
1951.....	93	50	133	99	63	204	193	11	65

¹ Based on data for 74 agricultural export classifications.² Beginning January 1947, includes exports under various special programs including ECA.Source: Department of Agriculture, Office of Foreign Agricultural Relations; annual report, *Agricultural Statistics*. Compiled from official records of Bureau of Census.

No. 735.—AGRICULTURAL PRODUCTS EXPORTED—VALUE OF CHIEF PRODUCTS: 1931 TO 1951

[In millions of dollars. Excludes reexports of foreign products]

PRODUCTS	1931- 1935, average	1936- 1940, average	1941- 1945, average	1946- 1950, average	1947	1948 ¹	1949 ¹	1950 ¹	1951 ¹
Total.....	731.7	701.2	1,654.4	3,222.5	3,130.9	3,419.9	3,568.5	2,853.1	4,012.2
Live animals.....	1.5	1.8	3.5	12.2	11.2	7.2	7.0	7.2	9.0
Meats.....	23.7	21.3	373.2	114.4	114.4	47.8	42.0	32.3	45.3
Eggs and dairy products.....	6.9	8.6	376.6	269.6	338.7	255.9	200.5	102.8	153.0
Animal fats and oils.....	37.0	18.2	109.2	108.5	111.4	89.0	134.5	112.1	213.9
Hides and skins.....	3.2	4.5	1.1	15.7	22.6	11.6	21.0	11.6	12.7
Bread grains.....	40.4	58.6	112.6	896.4	894.0	1,429.9	1,025.1	499.7	1,013.4
Coarse grains.....	9.3	38.8	30.5	224.9	254.5	188.0	341.8	248.8	375.0
Rice.....	4.7	6.9	30.2	82.9	92.1	85.9	90.1	85.0	94.3
Fodders and feeds.....	9.3	9.5	3.9	19.0	26.5	14.1	33.0	16.6	33.4
Vegetables.....	8.0	13.2	59.0	73.2	94.4	82.0	62.0	52.5	71.2
Fruits and preparations.....	83.2	74.0	83.8	127.8	160.1	113.4	100.9	111.5	117.3
Vegetable oils (expressed), oilseeds, and nuts.....	6.5	11.3	46.1	145.2	98.3	166.7	240.1	165.7	262.1
Coffee and substitutes.....	1.9	2.2	1.2	7.2	6.9	7.6	7.3	5.1	5.0
Sugar and related products.....	4.8	8.1	26.8	26.6	33.4	16.1	8.5	29.1	22.0
Seeds, except oilseeds.....	1.9	2.5	13.0	15.0	19.2	13.0	12.0	7.0	8.0
Tobacco.....	103.7	100.8	137.7	267.9	270.7	214.5	251.9	250.2	325.5
Cotton.....	366.5	282.9	151.7	674.2	423.2	511.0	874.2	1,024.5	1,146.4
Wool and hair.....	1.5	2.1	6.8	9.7	8.5	3.6	16.4	10.4	4.6
All other.....	17.6	27.1	87.5	132.1	150.3	162.8	100.2	81.1	99.8

¹ Effective 1948, includes shipments under Army Civilian Supply Program.

² Wheat and rye; flour and flour products.

Source: Department of Commerce, Bureau of the Census; annual report, *Foreign Commerce and Navigation of the U. S.*, and records.

No. 736.—AGRICULTURAL PRODUCTS IMPORTED—VALUE, BY MAJOR GROUPS: 1931 TO 1951

[In millions of dollars. General imports through 1932, imports for consumption thereafter. Excludes distilled liquors and candy]

GROUP	1931-35, average	1936-40, average	1941-45, average	1946-50, average	1947	1948	1949	1950	1951
Agricultural imports, total.....	1,249.1	1,596.7	3,016.6	2,754.2	3,150.3	2,894.3	3,986.8	5,163.6	
Commodities listed, total.....	822.3	1,177.9	1,528.0	2,874.0	2,628.1	3,003.8	2,765.7	3,819.0	5,009.6
Animals and products, edible.....	16.1	45.7	52.4	116.0	37.1	169.4	135.9	188.3	243.8
Dairy products and eggs.....	14.2	14.2	5.8	17.2	7.0	14.8	21.1	31.0	28.6
Hides and skins, except reptile.....	38.6	50.1	66.2	88.9	83.8	105.5	69.9	114.1	126.9
Animal fats, inedible.....	3.5	1.1	2.7	.4	.2	.2	.8	.5	1.1
Grains and preparations.....	28.2	44.3	112.3	42.8	6.5	28.9	75.3	78.4	131.3
Fodders and feeds.....	6.7	11.3	16.4	23.1	12.6	18.9	24.1	33.4	42.1
Vegetables, fruits, nuts.....	66.3	79.3	93.0	203.9	188.7	220.7	199.3	215.4	258.9
Vegetable oils (expressed) and oilseeds.....	71.7	112.9	84.4	203.5	256.7	254.4	165.0	215.2	211.6
Cocoa, coffee, tea, spices.....	188.4	204.1	347.5	956.5	819.6	970.6	1,007.6	1,391.6	1,671.4
Sugar and related products.....	122.0	152.1	207.6	363.0	440.4	359.1	395.2	405.1	439.5
Beverages, excluding spirits.....	6.1	11.4	14.0	20.5	13.2	16.6	18.1	23.6	25.3
Crude rubber.....	74.6	206.3	151.8	312.3	318.2	309.2	240.3	458.2	808.8
Tobacco, unmanufactured.....	27.1	34.3	50.5	80.8	90.7	77.6	73.2	76.4	85.4
Cotton, unmanufactured.....	7.4	11.4	20.2	41.2	48.3	42.0	22.4	43.3	42.6
Wool and mohair, unmanufactured.....	18.7	61.3	247.9	291.2	208.9	307.6	222.2	427.8	713.6
Raw silk.....	115.1	108.7	12.6	32.0	15.7	15.4	7.3	20.6	19.5
Vegetable fibers, except cotton and silk.....	17.8	29.4	42.6	80.8	80.5	92.9	88.0	96.1	159.1

¹ Value of total agricultural imports not available on calendar year basis prior to 1934.

Source: Department of Commerce, Bureau of the Census; annual report, *Foreign Commerce and Navigation of the U. S.*, and records.

No. 737.—AGRICULTURAL EXPORTS AND IMPORTS—VALUE: 1857 TO 1951

[All figures, except percentages, in millions of dollars. Excludes forest products. Crude rubber and similar gums (now mainly plantation products) are included in agricultural products]

YEARLY AVERAGE OR YEAR ENDING JUNE 30—	AGRICULTURAL EXPORTS ¹			AGRICULTURAL IMPORTS ^{1 4}				Excess of domestic agricul- tural exports over supple- mentary imports
	Domestic products		Foreign products (re- exports)	Total	Percent of all imports	Supple- mentary imports ⁵	Comple- mentary imports ⁶	
	Total ²	Percent of all exports ³						
1857-1861.....	214	80.4	10.2	118	37.1			
1862-1866.....	147	74.7	9.2	122	43.0			
1867-1871.....	250	76.6	8.6	181	42.6			
1872-1876.....	396	78.3	9.0	266	47.0			
1877-1881.....	589	80.1	8.6	272	51.4			
1882-1886.....	555	75.9	9.7	322	48.4			
1887-1891.....	572	74.6	7.2	378	49.8			
1892-1896.....	636	72.7	9.4	413	53.5			
1897-1901.....	826	65.8	12.9	401	53.4			
1902-1906.....	878	59.4	14.5	523	49.7			
1907-1911.....	974	53.8	16.8	701	49.9			
1912-1916.....	1,254	45.1	28.0	1,024	55.4			
1917-1921.....	2,856	42.6	82.7	2,162	61.5			
1922-1926.....	1,950	45.9	58.6	1,982	54.3			
1927-1931.....	1,621	35.9	57.8	1,943	51.2	(⁶)	(⁶)	(⁶)
1932-1936.....	713	36.4	20.3	872	50.9	443	429	270
1937-1941.....	679	20.3	32.3	1,281	51.0	628	652	51
1944.....	2,305	15.7	84.1	1,774	46.5	1,244	530	1,061
1945.....	2,191	17.5	80.8	1,729	43.6	1,111	618	1,080
1946 (prel.).....	2,854	33.7	190.9	1,887	44.9	1,031	856	1,823
1947 (prel.).....	3,613	28.4	135.9	2,716	50.6	1,387	1,329	2,226
1948 (prel.).....	3,605	25.4	56.0	2,862	45.3	1,444	1,418	2,062
1949 (prel.).....	3,830	30.2	51.6	3,001	43.0	1,532	1,469	2,298
1950 (prel.).....	2,987	29.6	53.2	3,177	45.2	1,553	1,625	1,434
1951 (prel.).....	3,411	27.1	96.4	5,189	47.8	2,290	2,849	1,122

¹ Excludes distilled liquor.

² Beginning Jan. 1, 1942, includes food exported for relief or charity; beginning Jan. 1, 1947, also includes exports under Army Civilian Supply Program.

³ Based on total exports of domestic merchandise.

⁴ Imports for consumption beginning 1934; general imports prior thereto.

⁵ Supplementary agricultural 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 agricultural imports include all others, about 95 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, and spices.

⁶ Average not computed; data not available prior to 1929.

Source: Department of Agriculture, Office of Foreign Agricultural Relations, from official records of Bureau of the Census and U. S. Tariff Commission. Published in annual report, *Agricultural Statistics*.

No. 738.—AGRICULTURAL PRODUCTS IMPORTED—INDEXES OF QUANTITY: 1938 TO 1951
[January 1924-December 1929=100]

YEAR ENDING JUNE 30—	Total ¹	Com- ple- men- tary ²	Supple- men- tary ²	Wool (excl. free for carpets)	Hides and skins	Dairy prod- ucts	Sugar	Vegetable oils and oilseeds	Grains, grain products, and feeds	To- bacco, leaf
1938.....	92	102	80	30	50	52	73	124	145	66
1939.....	91	102	77	46	71	50	66	116	79	75
1940.....	102	113	87	112	76	51	82	103	111	75
1941.....	128	146	104	328	104	22	89	93	118	79
1942.....	102	100	104	389	116	32	62	98	119	77
1943.....	78	44	122	898	103	36	48	43	220	92
1944.....	89	61	125	488	70	21	82	57	805	80
1945.....	84	67	106	382	57	5	90	53	445	86
1946.....	86	79	94	561	47	17	52	42	123	84
1947.....	102	104	98	457	53	25	72	81	38	100
1948.....	100	110	87	296	62	16	80	72	15	80
1949.....	102	114	86	179	42	23	87	62	124	92
1950.....	104	111	96	255	59	41	79	69	188	91
1951.....	118	121	115	331	67	55	92	86	212	100

¹ Based on data for 122 agricultural import classifications.

² Supplementary agricultural 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 agricultural imports include all others, about 95 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, teas, and spices.

Source: Department of Agriculture, Office of Foreign Agricultural Relations; annual report, *Agricultural Statistics*. Compiled from official records of Bureau of the Census and Tariff Commission.

No. 739.—SUMMARY FOR SPECIFIED CROPS—ACREAGE AND VALUE OF PRODUCTION
WITH COMPARATIVE DATA FOR ALL CROPS AND CROPLAND HARVESTED: 1879 TO 1944

[Minus sign (—) denotes decrease]

CROP AND YEAR	ACREAGE (THOUSANDS)			VALUE (THOUSANDS OF DOLLARS)			Average value per acre (dollars)
	Total	Increase		Total	Increase		
		Acres	Percent		Amount	Percent	
Cropland harvested:							
1919	348,604						
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				
Specified crops, total: ^{2a}							
1929	356,205	(³)	(³)	(³)	(³)	(³)	(³)
1934	297,107	-59,098	-16.6	(³)	(³)	(³)	(³)
1939	316,546	19,439	6.5	5,644,454	(³)	(³)	17.83
1944	349,803	33,257	10.5	14,439,931	8,795,477	155.8	41.28
Field crops: ⁴							
1919	344,967			(³)	(³)	(³)	(³)
1924	334,316	-10,651	-3.1	(³)	(³)	(³)	(³)
1929	346,939	12,624	3.8	(³)	(³)	(³)	(³)
1934	286,886	-60,053	-17.3	(³)	(³)	(³)	(³)
1939	308,148	21,262	7.4	4,715,813	(³)	(³)	15.30
1944	340,246	32,099	10.4	11,891,732	7,175,919	152.2	34.95
Vegetables: ⁴							
1919	1,424			(³)	(³)	(³)	(³)
1929	2,812	1,387	97.4	(³)	(³)	(³)	(³)
1934	3,774	962	34.2	(³)	(³)	(³)	(³)
1939	3,053	-720	-19.1	410,916	(³)	(³)	(³)
1944	4,370	1,317	43.1	1,032,626	621,710	151.3	
Fruits and nuts and horticultural specialties: ⁵							
1929	6,454	(³)	(³)	(³)	(³)	(³)	(³)
1934	6,448	-6	-.1	(³)	(³)	(³)	(³)
1939	5,345	-1,102	-17.1	517,724	(³)	(³)	96.85
1944	5,187	-159	-3.0	1,515,572	997,848	192.7	292.21
All crops: ¹							
1879	166,187			(³)	(³)	(³)	(³)
1889	219,706	53,519	32.2	(³)	(³)	(³)	(³)
1899	283,218	63,513	28.9	2,888,050	(³)	(³)	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	14,040,178	9,358,404	177.0	42.01
1924	(³)	(³)	(³)	7,472,535	-7,173,643	-49.0	(³)
1929	358,068	(³)	(³)	8,223,515	750,980	10.0	22.97
1934	298,642	-59,425	-16.6	4,479,015	-3,744,500	-45.5	15.00
1939	319,124	20,482	6.9	5,705,464	1,226,449	27.4	17.88
Field crops: ⁴							
1899	282,840			2,725,292			9.64
1909	309,913	27,073	9.6	4,942,666	2,217,374	81.4	15.95
1919	346,875	36,963	11.9	13,272,598	8,329,932	168.5	38.26
1929	348,793	1,908	0.6	6,900,096	-6,372,502	-48.0	19.78
1934	288,421	-60,362	-17.3	3,949,725	-2,950,371	-42.8	13.69
1939	310,546	22,125	7.7	4,763,656	813,931	20.6	15.34
Vegetables: ⁴							
1909	1,009			65,749	(³)	(³)	
1919	1,424	415	41.1	534,436	(³)	(³)	
1929	2,812	1,387	97.4	522,010	-12,426	-2.3	
1934	3,774	962	34.2	1,137,029	(³)	(³)	
1939	3,053	-720	-19.1	410,916	(³)	(³)	
Fruits and nuts and horticultural specialties:							
1899	379			162,757			
1909	371	-7	-1.9	279,358	116,601	71.6	
1919	304	-67	-18.1	839,144	559,785	200.4	
1929	6,473	(³)	(³)	801,409	-37,735	-4.5	123.81
1934	6,448	-25	-.4	302,261	-409,148	-51.1	60.84
1939	5,525	-923	-14.3	530,892	138,631	35.3	96.09

¹ Excludes 14,503,000 acres of corn cut for fodder, valued at \$206,935,000, probably duplicated in acreage of corn harvested for grain; 3,107,000 acres of mature crops hogged off (corn, velvetbeans, soybeans, peanuts, sweet-potatoes, etc.) also excluded.

^{2a} See table 740.

² Total acreage of crops for which figures are available. ³ Not available, or data not comparable.

⁴ Irish and sweet potatoes included with "field crops," not with "vegetables." Acreage of vegetables represents acres of vegetables harvested for sale only; acreage in farm gardens not available. Value includes both vegetables for home use and for sale.

⁵ Excludes acreage of horticultural specialties (not available for 1944); value includes horticultural specialties.

⁶ Excludes acreage for alfalfa, clover, and grass seeds harvested, probably duplicated in hay acreage.

⁷ Only strawberries reported in small fruits; other small fruits included in field crops.

⁸ Vegetables for sale. ⁹ Farm garden vegetables for home use only.

¹⁰ Acreage in fruit orchards, vineyards, and planted nut trees not secured prior to 1930.

¹¹ Excludes acreage for horticultural specialties.

No. 740.—CROPS—ACREAGE, PRODUCTION, AND VALUE, BY KIND: 1939 AND 1944

[Leaders indicate no data available. See also *Historical Statistics*, series E 181-243]

CROP	ACREAGE (THOUSANDS)		PRODUCTION (1,000 UNITS)			VALUE (\$1,000)	
	1939	1944	Unit	1939	1944	1939	1944
Specified crops, harvested, total	316,546	349,803	-----	-----	-----	5,644,454	14,439,931
Field crops, total ¹	308,148	340,246	-----	-----	-----	4,715,813	11,891,732
Corn for all purposes ²	86,990	92,259	-----	-----	-----	1,475,004	3,291,109
Harvested for grain.....	77,432	84,349	Bushel.....	2,311,400	2,788,432	1,305,151	3,009,866
For purposes other than for grain.....	9,558	7,910	-----	-----	-----	169,853	281,244
Sorghums for all purposes, except for sirup.....	13,998	17,224	-----	-----	-----	104,272	306,980
Harvested for grain.....	4,693	9,061	Bushel.....	52,442	177,702	29,633	156,145
For purposes other than for grain and sirup.....	9,304	8,164	-----	-----	-----	74,639	150,835
For hay or dry forage ³	8,420	7,328	Ton.....	10,162	11,132	57,691	117,392
All wheat threshed ⁴	50,526	58,286	Bushel.....	708,852	1,032,660	491,699	1,458,641
Winter wheat ⁵	36,136	40,260	do.....	542,749	734,883	376,650	1,047,054
Spring wheat, including durum and macaroni ⁶	14,390	18,027	do.....	166,103	297,777	115,049	411,587
Oats threshed or cut for feeding unthreshed ⁷	32,307	39,612	-----	-----	-----	289,072	804,872
Oats threshed.....	29,933	35,425	Bushel.....	870,258	1,041,112	269,694	721,162
Oats cut for feeding unthreshed.....	2,374	4,187	-----	-----	-----	19,377	83,710
Barley threshed ⁸	12,024	11,694	Bushel.....	260,981	261,425	106,847	262,369
Rye threshed.....	3,556	2,023	do.....	35,844	21,349	15,852	23,256
Mixed grains threshed ⁹	1,567	1,146	do.....	39,322	30,812	18,000	31,225
Flax threshed ¹⁰	2,081	2,477	do.....	18,829	20,765	27,519	60,324
Rice (rough or paddy) threshed ¹¹	851	1,394	do.....	43,807	65,044	32,206	114,192
Annual legumes harvested for beans, peas, or nuts:							
Soybeans harvested for beans ¹²	4,274	8,724	do.....	87,591	187,726	71,246	389,512
Cowpeas harvested for peas ¹³	1,896	-----	do.....	5,959	3,603	8,314	13,182
Peanuts harvested for nuts ¹⁴	1,787	2,958	Pound.....	1,155,316	2,008,866	39,169	162,727
All dry field and seed beans harvested other than velvet beans and soybeans ¹⁵	1,586	1,898	Bushel.....	23,666	26,075	46,527	97,802
All dry field and seed peas harvested other than cowpeas and Austrian peas ¹⁶	214	697	do.....	3,791	14,285	6,370	42,064
All hay, excluding sorghums for hay ¹⁷:	65,979	72,287	Ton.....	82,413	99,305	701,510	1,726,196
Soybeans and cowpeas harvested for hay ¹⁸	-----	3,072	do.....	-----	3,350	-----	78,804
Peanut vines saved for hay ¹⁹	-----	90	do.....	-----	1,041	-----	17,307
Vetches cut for hay ²⁰	7,187	-----	do.....	8,380	182	74,186	3,445
Annual legumes saved for hay.....	12,803	14,977	do.....	25,653	32,670	236,162	605,966
Alfalfa cut for hay.....	17,274	22,603	do.....	20,660	30,749	195,454	583,028
Clover or timothy (alone or mixed) cut for hay.....	1,147	-----	do.....	1,357	-----	7,188	-----
Sweet clover cut for hay.....	4,698	5,941	do.....	5,047	5,569	51,427	132,475
Lespedeza cut for hay ²¹	3,690	1,542	do.....	3,888	1,884	31,359	30,950
Small grains cut for hay ²²	7,220	8,534	do.....	7,600	9,438	60,740	145,739
Other tame hay cut.....	11,961	15,526	do.....	9,828	14,422	44,994	128,482
Wild hay cut.....	-----	-----	do.....	-----	-----	-----	-----
Alfalfa seed harvested ²³	1,010	827	Bushel.....	1,454	946	12,681	19,527
Red clover seed harvested ²⁴	61,528	1,914	do.....	2,051	1,603	16,474	30,294
Lespedeza seed harvested ²⁵	606	811	Pound.....	102,848	174,183	4,214	14,221
Vetch seed harvested ²⁶	-----	75	Bushel.....	-----	621	-----	2,666
Cotton harvested ²⁷	22,811	18,962	Bale.....	11,481	11,838	538,150	1,266,373
Cottonseed	-----	-----	Ton.....	5,259	4,896	110,938	260,465
Tobacco harvested ²⁸	1,853	1,630	Pound.....	1,699,728	1,778,769	258,990	740,747
Sugarcane for sugar and/or sirup ²⁹	375	357	-----	-----	-----	23,072	39,476
Sugarcane harvested for sugar or for sale to mills ³⁰	248	269	Ton.....	5,366	5,061	15,359	25,548
Sugarcane harvested for sirup ³¹	127	88	Gallon.....	16,205	13,048	7,714	13,928
Sugar beets harvested for sugar ³²	867	546	Ton.....	10,300	6,841	48,915	73,312
Chufas harvested for nuts ³³	-----	-----	-----	-----	-----	50	127
Chufas hogged off ³⁴	-----	-----	-----	-----	-----	-----	356
Hops harvested ³⁵	-----	-----	-----	-----	-----	7,944	21,615
Irish potatoes harvested	2,644	2,537	Bushel.....	818,256	356,547	217,392	519,678
Sweetpotatoes and yams harvested ³⁶	696	673	do.....	58,658	63,288	43,384	118,423

For footnotes, see next page.

No. 740.—CROPS—ACREAGE, PRODUCTION, AND VALUE, BY KIND:
1939 AND 1944—Continued

CROP	ACREAGE (THOUSANDS)		PRODUCTION (1,000 UNITS)			VALUE (\$1,000)	
	1939	1944	Unit	1939	1944	1939	1944
Vegetables, total ¹	7 3, 053	7 4, 370	-----	-----	-----	410, 916	1, 032, 626
Vegetables grown for home use (exclud- ing Irish and sweet potatoes).....	-----	-----	-----	-----	-----	210, 900	456, 033
Vegetables harvested for sale (exclud- ing Irish and sweet potatoes).....	3, 053	4, 370	-----	-----	-----	200, 016	576, 593
Fruits and nuts and horticultu- ral specialties, total ²	5, 345	5, 187	-----	-----	-----	517, 724	1, 515, 572
Specified small fruits ³	301	186	-----	-----	-----	41, 376	47, 013
Apples ³	-----	-----	Bushel.....	150, 093	135, 968	91, 150	268, 379
Cherries ³	-----	-----	Pound.....	310, 437	344, 236	9, 883	35, 895
Peaches.....	-----	-----	Bushel.....	56, 677	68, 011	45, 831	156, 180
Apricots ³	-----	-----	do.....	11, 548	12, 799	9, 374	33, 263
Pears.....	-----	-----	do.....	24, 981	27, 788	18, 552	63, 175
Plums and prunes.....	-----	-----	do.....	25, 646	19, 525	19, 281	46, 909
Grapes.....	-----	-----	Pound.....	4, 409, 453	5, 240, 034	37, 790	211, 551
Oranges, including satsumas, tangerines, and mandarins ³	-----	-----	Ton.....	2, 873	3, 929	61, 193	245, 086
Grapefruit ³	-----	-----	do.....	1, 236	1, 547	14, 304	61, 487
Lemons ³	-----	-----	do.....	403	460	15, 472	38, 734
Limes ³	-----	-----	Pound.....	6, 994	8, 578	224	558
Almonds ³	-----	-----	do.....	47, 911	54, 184	4, 921	20, 807
Filberts and hazelnuts ³	-----	-----	do.....	6, 217	11, 414	701	3, 118
Pecans (improved and seedling) ³	-----	-----	do.....	72, 838	98, 180	7, 416	21, 553
Walnuts, English or Persian ³	-----	-----	do.....	128, 454	120, 511	10, 629	27, 476
Tung nuts ³	-----	-----	do.....	2, 321	62, 693	53	3, 130
Horticultural specialties.....	-----	-----	-----	-----	-----	129, 575	231, 259

¹ Irish potatoes and sweet potatoes included with "field crops," not with "vegetables."

² Excludes sweet corn, popcorn, "Egyptian corn," kafir, and milo maize.

³ Figures for 1944 are not fully comparable with those for 1939. 1944 totals are for States for which a separate inquiry was carried on schedule. For further discussion, see 1945 *Census of Agriculture*, Vol. II.

⁴ Oat hay included with small grains cut for hay.

⁵ Excludes flax and wheat mixture.

⁶ Clover seed except sweet clover.

⁷ Represents acreage of vegetables harvested for sale only; acreage in farm gardens not available.

⁸ Acreage of horticultural specialties not available for 1944 and therefore excluded for 1939; value includes horticultural specialties.

⁹ Includes blackberries and dewberries, blueberries, boysenberries, loganberries, youngberries, raspberries, and strawberries.

Source: Department of Commerce, Bureau of the Census; 1945 *Census of Agriculture*, Vol. II.

No. 741.—PRINCIPAL CROPS—ACREAGE, PRODUCTION, AND VALUE: 1866 TO 1951

[Tons are of 2,000 pounds. For weights of units of measurement for principal products, see Appendix II. Approximate weights of units of measurement for other products are as follows: Number of pounds to a bushel—sweetpotatoes, 55; sorghums for grain, 56; clover seed, 60. Number of pounds to a barrel of cranberries, 100. Prices and yields for periods are weighted averages except for cotton and cottonseed, which are simple averages of prices and yields for individual years. Acreage, production, and yield of all crops revised to census data. See also *Historical Statistics*, series E 181-230, for acreage harvested, production, and price data for corn, wheat, oats, barley, flaxseed, potatoes, sweetpotatoes, cotton, cottonseed, soybeans, and hay]

YEARLY AVERAGE OR YEAR	Acreage har- vested	Produc- tion	Farm value ¹	Yield per acre	Price ²	Acreage har- vested	Produc- tion	Farm value ¹	Yield per acre	Price ²
CORN						WHEAT				
	1,000 acres	1,000 bushels	1,000 dollars	Bush- els	Cents per bushel	1,000 acres	1,000 bushels	1,000 dollars	Bush- els	Cents per bushel
1866-1875.....	40,123	1,028,963	561,163	25.6	54.5	21,918	270,595	337,186	12.3	124.6
1876-1885.....	63,655	1,667,510	652,608	26.2	39.1	34,553	448,337	413,730	13.0	92.3
1886-1895.....	78,327	1,986,608	725,562	25.4	36.5	38,496	526,076	356,288	13.7	67.7
1896-1900.....	91,253	2,523,555	711,706	27.7	28.2	47,258	630,354	413,935	13.3	65.7
1901-1905.....	95,226	2,529,114	1,113,625	26.6	44.0	47,002	674,843	483,123	14.4	71.6
1906-1910.....	97,894	2,735,480	1,450,885	27.9	53.1	45,105	664,299	579,992	14.7	87.3
1911-1915.....	100,294	2,609,562	1,720,900	26.0	66.0	53,247	801,080	712,938	15.0	89.0
1916-1920.....	102,691	2,704,768	3,342,953	26.4	123.4	59,485	790,773	1,526,204	13.3	193.0
1921-1925.....	101,275	2,706,506	2,033,203	26.7	75.3	57,558	787,082	875,067	13.7	111.2
1926-1930.....	99,483	2,484,935	1,919,033	25.0	77.2	60,300	866,470	883,173	14.4	101.9
1931-1935.....	102,306	2,330,431	1,137,535	22.8	48.8	51,926	860,868	407,254	13.1	60.0
1936-1940.....	90,790	2,347,110	1,432,758	25.9	61.0	57,687	795,913	614,156	13.8	77.2
1941-1945.....	89,375	2,931,095	3,031,463	32.8	103.4	56,386	984,700	1,252,507	17.5	127.2
1938.....	92,160	2,548,753	1,239,619	27.7	48.6	69,197	919,913	516,636	13.3	56.2
1939.....	88,279	2,580,985	1,465,117	29.2	56.8	52,669	741,210	512,427	14.1	69.1
1940.....	86,429	2,457,146	1,518,719	28.4	61.8	53,273	814,646	555,547	15.3	68.2
1941.....	85,357	2,651,889	1,991,103	31.1	75.1	55,935	941,970	889,561	16.8	94.4
1942.....	87,367	3,068,562	2,813,772	35.1	91.7	49,773	969,381	1,064,789	19.5	110.0
1943.....	92,060	2,965,980	3,328,496	32.2	112.0	51,355	843,813	1,148,845	16.4	136.0
1944.....	94,014	3,088,110	3,353,386	32.8	109.0	59,749	1,060,111	1,497,693	17.7	141.0
1945.....	88,079	2,880,933	3,670,557	32.7	127.0	65,120	1,108,224	1,661,649	17.0	150.0
1946.....	88,489	3,240,950	5,081,927	36.7	156.0	67,075	1,163,046	2,203,246	17.2	191.0
1947.....	83,932	2,883,970	5,145,345	28.4	216.0	74,389	1,367,186	3,128,587	18.4	229.0
1948.....	86,067	3,681,793	4,778,843	42.8	130.0	73,017	1,318,534	2,614,439	18.0	199.0
1949.....	87,029	3,379,436	4,211,005	38.8	125.0	75,559	1,141,188	2,141,564	14.9	188.0
1950.....	81,817	3,057,803	4,679,612	37.4	153.0	61,610	1,019,389	2,043,082	16.5	200.0
1951 (prel.)..	81,306	2,941,423	4,934,921	36.2	103.0	61,424	987,474	2,091,535	16.1	212.0
OATS						RYE				
	10,000 acres	10,000 bushels	10,000 dollars	Bush- els	Cents per bushel	10,000 acres	10,000 bushels	10,000 dollars	Bush- els	Cents per bushel
1866-1875.....	10,616	281,394	122,375	26.5	43.5	1,589	17,210	15,864	10.8	92.2
1876-1885.....	17,954	494,612	158,927	27.5	32.1	1,905	22,165	14,205	11.6	64.1
1886-1895.....	28,113	753,240	215,561	26.8	28.6	2,160	27,209	14,695	12.6	54.0
1896-1900.....	29,741	865,863	199,211	29.1	23.0	2,262	29,088	12,888	12.9	44.3
1901-1905.....	32,122	975,626	315,193	30.4	32.3	2,323	30,040	17,570	13.2	57.3
1906-1910.....	34,869	954,648	389,118	27.4	40.1	2,166	29,137	20,369	13.5	69.9
1911-1915.....	37,531	1,155,906	454,401	30.8	59.3	2,965	39,714	29,681	13.4	74.7
1916-1920.....	41,100	1,312,199	834,158	29.4	63.6	4,555	65,451	96,895	12.0	148.0
1921-1925.....	42,441	1,248,349	497,021	29.9	59.9	4,857	63,746	47,739	13.1	74.9
1926-1930.....	40,266	1,189,317	477,416	29.5	40.1	5,394	40,928	30,826	12.1	75.3
1931-1935.....	37,597	973,920	252,598	25.9	25.9	2,980	33,134	13,888	11.1	41.9
1936-1940.....	34,826	1,052,573	328,974	30.2	31.3	3,526	41,474	21,149	11.8	51.0
1941-1945.....	39,375	1,269,991	760,976	32.3	59.9	2,801	34,393	28,180	12.3	81.9
1938.....	36,042	1,089,383	258,773	30.2	23.8	4,087	55,984	18,928	13.7	33.8
1939.....	33,460	957,704	297,354	28.6	31.0	3,822	38,562	16,935	10.1	43.9
1940.....	35,431	1,246,450	377,819	35.2	30.3	3,204	39,725	16,979	12.4	42.0
1941.....	38,161	1,182,509	485,659	31.0	41.1	3,573	43,878	23,766	12.3	54.2
1942.....	38,197	1,342,681	655,738	35.2	48.8	3,792	52,929	31,934	14.0	60.3
1943.....	38,914	1,139,831	823,297	29.3	72.2	2,652	28,680	28,173	10.8	98.2
1944.....	39,672	1,140,260	815,989	29.0	70.9	2,132	22,525	24,597	10.6	109.0
1945.....	41,933	1,535,676	1,024,799	36.6	66.7	1,856	23,952	32,430	12.9	135.0
1946.....	43,205	1,497,904	1,213,755	34.7	81.0	1,607	18,879	36,169	11.7	192.0
1947.....	38,451	1,199,422	1,257,043	31.2	105.0	2,010	25,975	58,731	11.9	226.0
1948.....	40,198	1,493,304	1,085,819	37.1	72.7	2,096	26,449	38,622	12.6	146.0
1949.....	40,440	1,329,473	876,941	32.9	66.0	1,560	18,739	22,807	12.0	122.0
1950.....	40,733	1,410,464	1,115,999	34.6	79.1	1,730	21,264	28,055	12.3	132.0
1951 (prel.)..	36,454	1,316,396	1,112,698	36.1	84.5	1,718	21,395	32,857	12.5	154.0

¹ Values are based on season average or Dec. 1 prices. See notes on "Price" column.

² Received by farmers. Beginning 1908, prices are season average prices for the crop-marketing season; prior thereto, Dec. 1 prices. Prices for 1937 through 1944 for corn, 1938 through 1944 for wheat, 1940 through 1944 for rye, and 1948 through 1951 for corn, wheat, oats, and rye include an allowance for unredeemed loan and purchase agreement deliveries (beginning 1948) valued at average rate.

**No. 741.—PRINCIPAL CROPS—ACREAGE, PRODUCTION, AND VALUE:
1866 to 1951—Continued**

YEARLY AVERAGE OR YEAR	Acreage har- vested	Produc- tion	Farm value ¹	Yield per acre	Price ²	Acreage har- vested	Produc- tion	Farm value ¹	Yield per acre	Price ²
BARLEY						BUCKWHEAT				
	1,000 acres.	1,000 bushels	1,000 dollars	Bush- els	Cents per bushel	1,000 acres	1,000 bushels	1,000 dollars	Bush- els	Cents per bushel
1866-1875---	1,302	28,246	26,820	21.7	95.0	765	10,425	9,085	13.6	87.1
1876-1885---	2,236	50,303	31,000	22.5	61.6	816	10,442	6,849	12.8	65.6
1886-1895---	3,513	82,767	39,376	23.6	47.6	812	11,256	6,165	13.9	54.8
1896-1900---	4,308	102,595	37,485	23.8	36.5	814	12,640	5,927	15.5	46.9
1901-1905---	5,981	151,417	65,069	25.3	43.0	819	14,888	8,554	18.2	59.5
1906-1910---	7,250	163,200	90,978	22.5	55.7	841	14,601	10,125	17.4	69.3
1911-1915---	7,552	177,102	101,286	23.5	57.2	778	12,927	9,838	16.6	76.1
1916-1920---	7,858	173,712	174,922	22.1	100.7	838	12,642	18,968	15.1	150.2
1921-1925---	7,210	160,478	93,500	22.3	58.3	707	12,052	11,287	17.0	93.7
1926-1930---	11,262	263,142	144,125	23.4	54.8	665	9,918	8,747	14.9	88.2
1931-1935---	10,608	211,714	77,607	20.0	36.7	480	8,187	4,191	17.1	51.2
1936-1940---	11,034	243,144	113,228	22.0	46.6	401	6,445	4,143	16.1	64.3
1941-1945---	13,780	331,575	266,911	24.1	80.5	428	7,463	7,593	17.4	101.7
1938-----	10,610	256,620	94,336	24.2	36.8	448	6,763	3,647	15.1	53.9
1939-----	12,739	278,193	112,541	21.8	40.5	370	5,736	3,566	15.5	62.2
1940-----	13,525	311,278	123,543	23.0	39.7	388	6,476	3,482	16.7	53.8
1941-----	14,276	362,568	191,741	25.4	52.9	337	6,038	4,072	17.9	67.4
1942-----	16,958	429,450	271,231	25.3	63.2	375	6,636	5,613	17.7	84.6
1943-----	14,900	322,913	319,871	21.7	99.1	505	8,830	11,113	17.5	126.0
1944-----	12,301	276,112	280,251	22.4	101.0	515	9,166	9,290	17.8	101.0
1945-----	10,465	266,833	271,460	25.5	102.0	409	6,644	7,875	16.2	119.0
1946-----	10,411	262,258	356,657	25.2	136.0	391	7,124	10,517	18.2	148.0
1947-----	11,014	281,185	477,828	25.5	170.0	518	7,334	13,908	14.2	190.0
1948-----	11,987	315,894	363,048	26.4	115.0	336	6,305	7,124	18.8	113.0
1949-----	9,857	236,737	245,523	24.0	104.0	280	5,203	5,004	18.6	96.2
1950-----	11,153	303,583	357,258	27.2	118.0	253	4,439	4,906	17.5	111.0
1951 (prel.)--	9,391	254,668	315,800	27.1	124.0	201	3,340	4,551	16.6	136.0
RICE, ROUGH						FLAXSEED				
1906-1910---	598	21,848	17,436	36.5	79.8	2,384	20,590	25,662	8.6	125
1911-1915---	677	24,031	20,679	35.5	86.1	2,041	17,197	25,444	8.4	148
1916-1920---	1,056	41,763	68,093	39.6	163.0	1,580	10,136	30,872	6.4	305
1921-1925---	922	35,971	41,934	39.0	116.6	2,166	17,749	37,821	8.2	213
1926-1930---	968	42,964	40,513	44.4	94.3	2,088	20,084	40,535	6.7	202
1931-1935---	853	40,476	25,526	47.5	63.1	1,778	10,161	13,201	5.7	130
1936-1940---	1,054	52,849	38,784	50.1	73.4	1,662	14,193	21,715	8.5	153
1941-1945---	1,423	63,592	106,894	44.7	168.1	3,952	35,868	91,690	9.1	256
1938-----	1,076	52,506	33,630	48.8	64.0	905	8,032	12,783	8.9	159
1939-----	1,045	54,062	39,348	51.7	72.8	2,171	19,806	28,692	9.0	146
1940-----	1,069	54,433	44,208	50.9	81.2	3,182	30,924	49,793	9.7	142
1941-----	1,214	51,323	69,600	42.3	136.0	3,266	32,133	57,482	9.8	179
1942-----	1,457	64,627	105,082	44.4	163.0	4,408	40,976	96,560	9.3	286
1943-----	1,472	65,031	116,024	44.2	178.0	5,691	50,009	141,554	8.8	233
1944-----	1,480	68,830	121,573	46.5	177.0	2,610	21,665	62,941	8.3	291
1945-----	1,494	68,150	122,190	45.6	179.0	3,785	34,557	99,912	9.1	289
1946-----	1,574	72,216	162,726	45.9	225.0	2,432	22,585	91,137	9.3	404
1947-----	1,693	78,259	210,368	46.2	269.0	4,030	40,536	249,331	10.1	615
1948-----	1,781	85,056	186,661	47.8	219.0	4,859	54,529	311,443	11.2	671
1949-----	1,840	90,549	167,138	49.2	184.6	4,924	43,946	159,592	8.9	363
1950-----	1,620	85,976	196,773	53.1	229.0	4,090	40,236	134,531	9.8	334
1951 (prel.)--	1,947	97,344	208,826	50.0	215.0	3,904	33,802	121,511	8.7	359

¹ Values are based on season average or Dec. 1 prices. See notes on "Price" column.

² Received by farmers. Prices are season average prices as follows: Barley, buckwheat, and flaxseed, beginning 1908; rice, beginning 1909. Prices for prior years are as of Dec. 1. Prices for 1940 through 1943 for barley, 1941 through 1944 for flaxseed, 1948 through 1951 for barley, rice, and flaxseed include an allowance for unredeemed loan and purchase agreement deliveries (beginning 1948) valued at average rate.

NO. 741.—PRINCIPAL CROPS—ACREAGE, PRODUCTION, AND VALUE:
1866 to 1951—Continued

YEARLY AVERAGE OR YEAR	Acreage har- vested	Produc- tion	Farm value ¹	Yield per acre	Price ⁴	Acreage har- vested	Produc- tion	Farm value ¹	Yield per acre	Price ⁴
POTATOES						SWEET POTATOES				
	1,000 acres	1,000 bushels	1,000 dollars	Bush- els	Cents per bushel	1,000 acres	1,000 bushels	1,000 dollars	Bush- els	Cents per bushel
1866-1875...	1,488	129,276	81,370	86.9	62.9	376	29,170	25,517	77.6	87.5
1876-1885...	2,074	173,138	87,877	83.5	50.8	464	35,625	20,063	76.8	64.9
1886-1895...	2,635	214,022	102,644	81.2	48.0	526	44,448	22,071	84.5	75.0
1896-1900...	2,918	246,703	101,576	84.5	41.2	542	44,452	20,926	82.0	48.8
1901-1905...	3,115	286,091	162,270	91.8	56.7	565	52,815	30,841	93.5	58.4
1906-1910...	3,465	342,410	205,664	98.8	60.1	615	59,337	41,211	96.5	69.5
1911-1915...	3,473	349,277	234,639	100.6	67.2	597	57,063	43,339	95.6	84.7
1916-1920...	3,455	336,280	472,515	97.3	140.5	736	71,633	99,374	97.4	138.7
1921-1925...	3,359	367,535	350,071	106.5	97.9	702	62,193	77,909	88.6	125.3
1926-1930...	3,132	359,142	354,952	114.7	99.2	664	62,593	71,188	94.3	113.7
1931-1935...	3,510	377,518	201,396	107.6	53.4	945	77,491	49,967	82.0	64.5
1936-1940...	2,906	355,109	241,653	122.2	68.1	741	61,991	49,110	83.7	79.2
1941-1945...	2,818	397,134	495,861	140.9	124.8	734	66,409	108,628	90.5	164
1938.....	2,870	355,848	197,321	124.0	55.5	793	68,603	47,868	86.5	69.8
1939.....	2,813	342,372	238,058	121.7	69.8	728	61,744	45,340	84.8	73.4
1940.....	2,832	376,920	203,748	133.1	54.1	648	51,699	44,160	79.8	85.4
1941.....	2,693	355,697	285,500	132.1	80.3	731	62,517	57,650	85.5	92.2
1942.....	2,671	368,899	428,432	138.1	116	687	65,469	77,548	95.3	118
1943.....	3,239	458,887	595,754	141.7	130	857	71,142	146,413	83.1	206
1944.....	2,786	383,424	569,433	137.6	149	726	68,251	129,912	94.0	190
1945.....	2,700	418,765	597,686	155.1	143	671	64,665	131,619	96.3	204
1946.....	2,598	484,174	598,862	186.3	124	676	66,424	144,496	98.2	218
1947.....	2,101	389,048	628,646	185.2	162	594	55,746	120,879	93.9	217
1948.....	2,109	454,654	698,663	215.5	154	516	50,204	111,374	97.4	212
1949.....	1,913	411,565	529,633	215.2	129	551	55,368	118,776	100.5	225
1950.....	1,606	429,896	392,526	253.4	92	492	49,828	86,097	101.2	173
1951 (prel.)...	1,353	325,708	497,367	240.7	153	308	28,275	79,949	91.8	283
COTTON (EXCLUDING LINTERS) ¹¹						COTTONSEED				
	1,000 acres	1,000 bales ¹²	1,000 dollars	Lbs.	Cents per pound		1,000 short tons	1,000 dollars		Dols. per ton
1866-1875...	9,046	3,389	-----	162.6	-----		1,382	-----	-----	-----
1876-1885...	15,147	5,706	253,959	172.2	9.30		2,419	-----	-----	-----
1886-1895...	20,016	7,691	289,493	181.5	7.70		3,389	-----	-----	-----
1896-1900...	24,425	10,036	354,063	197.4	7.04		4,486	-----	-----	-----
1901-1905...	28,041	10,801	455,555	183.8	8.98		4,800	-----	-----	-----
1906-1910...	31,057	11,847	658,884	182.3	11.29		4,799	120,640	-----	25.07
1911-1915...	33,649	14,167	729,245	200.7	10.44		6,292	125,791	-----	20.59
1916-1920...	33,534	11,918	1,468,022	169.9	24.91		5,295	277,640	-----	53.28
1921-1925...	35,895	11,515	1,277,208	151.2	22.22		5,112	169,432	-----	33.11
1926-1930...	42,212	14,834	1,126,700	167.8	15.38		6,500	184,899	-----	28.83
1931-1935...	31,671	12,684	551,305	190.9	9.16		5,505	95,829	-----	19.16
1936-1940...	27,058	13,534	646,935	239.1	9.67		5,684	132,166	-----	23.49
1941-1945...	20,636	11,247	1,110,463	262.1	19.84		4,602	228,712	-----	49.83
1938.....	24,248	11,943	513,704	235.8	8.60		4,950	107,874	-----	21.79
1939.....	23,805	11,817	536,996	237.9	9.09		4,869	102,933	-----	21.14
1940.....	23,861	12,566	621,284	252.5	9.89		5,286	114,817	-----	21.72
1941.....	22,236	10,744	914,313	231.9	17.03		4,553	216,961	-----	47.65
1942.....	22,602	12,817	1,219,716	272.4	19.04		5,202	237,221	-----	45.60
1943.....	21,610	11,427	1,135,605	254.0	19.88		4,688	244,059	-----	52.10
1944.....	19,651	12,230	1,267,857	298.9	20.73		4,902	256,183	-----	52.70
1945.....	17,083	9,015	1,014,823	253.3	22.52		3,664	187,155	-----	51.10
1946.....	17,674	8,640	1,409,668	234.5	32.64		3,514	252,697	-----	71.00
1947.....	21,380	11,860	1,892,949	266.0	31.93		4,682	402,058	-----	85.90
1948.....	22,921	14,877	2,260,089	311.2	30.38		5,945	399,755	-----	67.20
1949.....	27,230	16,128	2,304,640	283.9	28.58		6,559	284,810	-----	43.40
1950.....	17,843	10,012	2,005,169	269.0	40.07		4,105	354,593	-----	86.40
1951 (prel.)...	26,698	15,290	2,877,928	274.5	37.60		6,188	432,348	-----	69.90

¹ Values are based on season average or Dec. 1 prices. See notes on "Price" column.
⁴ Received by farmers. Beginning with 1903 for potatoes and cotton, 1909 for sweetpotatoes, and cottonseed, prices are season average prices. Figures for prior years are Dec. 1 prices. 1933, 1934, 1937, 1938, and 1940 through 1951, for cotton crop, and 1949 through 1951 for cottonseed season average prices include an allowance for unredeemed loans.
⁶ Average for 8 years. ⁷ Average for 6 years. ⁸ Average for 7 years. ⁹ Average for 4 years.
¹⁰ Includes following quantities not harvested on account of market conditions (1,000 bushels): 1928, 7,462; 1931, 66,193; 1932, 2,175; 1939, 1,240; 1943, 440; and 1950, 1,235. Price and value apply only to the harvested portion of the crop.
¹¹ Includes 1,804,000 bushels unharvested but purchased by the Government under price-support program.
¹² 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. Cotton grown in Baja, California, ginned in California from 1913 to 1924, has been excluded.
¹³ Production is in running bales prior to 1899; 500-pound gross weight bales thereafter.
¹⁴ Data for 1909 and 1910.

**No. 741.—PRINCIPAL CROPS—ACREAGE, PRODUCTION, AND VALUE:
1866 to 1951—Continued**

YEARLY AVERAGE OR YEAR	Acres har- vested	Produc- tion	Farm value ¹	Yield per acre	Price ¹⁴	Acres har- vested	Produc- tion	Farm value ¹	Yield per acre	Price ¹⁴
SORGHUMS FOR GRAIN						PEANUTS (PICKED AND THRESHED)				
	1,000 acres	1,000 bushels	1,000 dollars	Bush- els	Cents per bu. ¹⁵	1,000 acres ¹⁹	1,000 pounds	1,000 dollars	Lbs.	Cents per lb. ¹⁷
1916-1920.....						1,004	796,948	52,068	728.5	6.53
1921-1925.....						936	640,834	32,525	684.9	5.08
1926-1930.....	18 3,500	18 43,764	18 29,014	18 12.5	18 66.3	1,039	759,092	35,205	718.1	4.46
1931-1935.....	4,038	53,843	23,763	13.3	44.1	1,434	990,762	24,907	695.2	2.50
1936-1940.....	4,708	61,306	31,926	13.0	52.1	1,770	1,352,243	45,952	764.0	3.40
1941-1945.....	6,938	122,942	111,425	17.7	90.6	3,002	1,993,497	133,650	664.0	6.96
1941.....	6,015	113,543	62,319	18.9	54.9	1,900	1,475,205	68,746	776.0	4.66
1942.....	5,991	109,653	85,223	18.3	77.7	3,355	2,192,800	133,248	654.0	6.08
1943.....	6,889	109,536	124,885	15.9	114.0	3,528	2,176,420	155,025	617.0	7.12
1944.....	9,385	184,962	168,880	19.7	91.3	3,068	2,080,825	167,352	678.0	8.04
1945.....	6,408	97,014	115,816	15.1	119.0	3,160	2,042,235	168,878	646.0	8.27
1946.....	6,773	106,941	148,753	15.8	189.0	3,142	2,038,355	185,399	649.0	9.10
1947.....	5,629	96,016	175,947	17.1	183.0	3,380	2,182,895	220,360	646.0	10.1
1948.....	7,296	131,596	168,234	18.0	128.0	3,311	2,338,470	246,495	700.0	10.4
1949.....	6,612	162,630	171,287	23.1	112.0	2,332	1,875,825	194,696	804.0	10.5
1950.....	10,335	233,278	244,837	22.6	105	2,264	2,021,730	220,231	893	10.9
1951 (prel.).....	8,449	159,265	209,905	18.9	132	1,990	1,595,025	167,643	802	10.5
BEANS, DRY, EDIBLE						SOYBEANS (FOR BEANS)				
	1,000 acres	1,000 bags ¹⁹	1,000 dollars ²⁰	Lbs.	Dollars per bag ¹⁷	1,000 acres	1,000 bushels	1,000 dollars	Bush- els	Cents per bu. ¹⁷
1916-1920.....	1,329	8,397	59,814	631.8	7.79	11 432	11 4,911	11 11,796	11 11.4	11 240
1921-1925.....	1,308	8,949	45,022	683.9	5.46	679	8,685	14,947	12.8	172
1926-1930.....	1,802	11,597	61,578	643.7	5.73	1,531	23,597	17,616	15.4	75
1931-1935.....	1,687	12,468	31,127	739.2	2.66	3,420	61,995	53,373	18.1	86
1936-1940.....	1,709	15,069	47,639	881.7	3.38	9,415	173,778	321,077	18.5	185
1941-1945.....	1,957	17,555	91,752	897.0	5.66	5,889	107,197	166,042	18.2	155
1941.....	2,019	18,556	77,727	919.0	4.55	9,804	187,524	301,137	19.0	161
1942.....	1,925	18,987	90,670	986.0	5.16	10,397	190,133	345,032	18.3	181
1943.....	2,362	21,002	117,493	889.0	6.05	10,232	191,958	393,474	18.8	205
1944.....	1,996	16,147	94,521	809.0	6.28	10,661	192,076	399,608	18.0	208
1945.....	1,485	13,083	78,348	881.0	6.55	9,806	201,275	516,355	20.5	257
1946.....	1,616	15,859	156,550	981.0	10.60	11,212	183,558	612,290	16.4	334
1947.....	1,759	17,218	183,400	979.0	11.60	10,430	223,006	606,555	21.4	277
1948.....	1,916	20,827	152,645	1,087.0	7.86	10,156	230,897	499,743	22.7	216
1949.....	1,838	21,377	131,143	1,163.0	6.59	13,814	290,279	737,822	21.7	247
1950.....	1,512	16,886	111,649	1,117	7.37	13,211	280,512	771,576	21.2	275
1951 (prel.).....	1,417	17,446	124,426	1,231	7.78					
RED CLOVER SEED						HOPS				
	1,000 acres	1,000 bushels	1,000 dollars	Bushels	Dollars per bushel ¹⁷	1,000 acres	1,000 pounds	1,000 dollars	Lbs.	Cents per lbs. ²³
1916-1920.....	22 1,091	22 1,287	22 22,741	22 1.18	22 17.67	30	32,668	10,786	1,098	33.0
1921-1925.....	945	981	11,891	1.04	12.12	22	26,616	4,456	1,215	16.7
1926-1930.....	1,061	1,190	15,959	1.12	13.41	23	30,353	5,586	1,314	18.4
1931-1935.....	843	953	6,887	1.13	7.23	30	36,224	6,090	1,212	17.3
1936-1940.....	1,207	1,364	12,342	1.13	9.05	32	36,966	7,944	1,151	23.5
1941-1945.....	1,699	1,507	23,710	.89	15.73	36	44,669	24,760	1,243	55.4
1941.....	1,384	1,479	13,461	1.07	9.10	35	40,380	12,883	1,160	31.9
1942.....	1,148	1,071	12,897	.93	12.00	35	35,153	15,894	1,016	45.2
1943.....	1,355	1,227	22,113	.91	18.00	32	42,448	26,423	1,318	62.2
1944.....	2,420	2,007	37,542	.83	18.70	37	48,146	31,455	1,295	65.3
1945.....	2,187	1,749	32,535	.80	18.60	41	57,216	37,147	1,398	64.9
1946.....	2,601	2,142	47,166	.82	22.00	41	53,551	33,612	1,308	62.8
1947.....	1,394	1,262	35,421	.91	28.10	40	50,493	34,539	1,264	68.4
1948.....	1,790	1,789	46,379	1.00	25.90	40	50,464	27,984	1,248	55.5
1949.....	1,235	1,319	32,016	1.07	24.30	38	50,796	22,260	1,353	57.0
1950.....	2,560	2,787	51,340	1.09	18.40	39	58,351	31,041	1,508	62.1
1951 (prel.).....	1,628	1,790	34,747	1.10	19.40	41	63,239	31,483	1,535	67.7

¹ Values are based on season average or Dec. 1 prices. See notes on "Price" column.¹⁴ Received by farmers. Prices for 1942 through 1944, 1948 through 1951 for sorghums and 1942 through 1944, 1948 through 1951 for soybeans and 1948 through 1951 for beans include an allowance for unredeemed loans and purchase agreement deliveries (beginning 1948) valued at average rate. See also notes on prices for each crop.¹⁵ Based on the reported price of grain sorghums.¹⁶ Equivalent solid acreage.¹⁷ Prices are season average prices, prices of beans being for cleaned beans.¹⁹ Bags of 100 pounds (uncleaned).²⁰ Farm value of dry edible beans equals the price of cleaned beans applied to the production of cleaned beans rather than to the total production. ²¹ Average for 1924 and 1925.²² Average for 1919 and 1920.²³ Dec. 1 prices, 1916 to 1931; beginning 1932, season average prices.²⁴ Includes 5,436,000 pounds in 1935, 4,865,000 pounds in 1937, 3,140,000 pounds in 1938, 2,813,000 pounds in 1939, not available for marketing because of economic conditions and the marketing agreement allotments. Saleable allotments under marketing agreement were 39,000,000 pounds in 1949, 50,000,000 pounds in 1950, and 46,500,000 pounds in 1951. Prices and values are computed on the marketed crop.

**No. 741.—PRINCIPAL CROPS—ACREAGE, PRODUCTION, AND VALUE:
1866 TO 1951—Continued**

YEARLY AVERAGE OR YEAR	Acres harvested	Produc- tion	Farm value ¹	Yield per acre	Price ²⁵	Acres har- vested	Produc- tion	Farm value ¹	Yield per acre	Price ²⁵
HAY ²⁶						TOBACCO				
	1,000 acres	1,000 tons	1,000 dollars	Short tons	Dollars per ton ²⁷	1,000 acres	1,000 pounds	1,000 dollars	Lbs.	Cents per lb. ²⁸
1866-1875.....	20,296	23,356	332,744	1.15	14.21	450	339,207	34,829	754	10.3
1876-1885.....	28,704	36,056	350,467	1.26	9.72	711	518,825	38,817	730	7.5
1886-1895.....	39,492	48,007	427,727	1.22	8.91	916	669,297	52,244	731	7.8
1896-1900.....	42,467	54,137	422,324	1.27	7.80	1,064	818,926	53,822	770	6.6
1901-1905.....	46,147	61,592	557,465	1.33	9.05	1,126	923,378	67,718	820	7.3
1906-1910.....	50,542	66,001	706,860	1.31	10.71	1,173	977,983	95,630	834	9.8
1911-1915.....	67,402	80,341	906,605	1.19	11.28	1,286	1,048,825	107,974	816	10.3
1916-1920.....	72,407	90,020	1,513,078	1.24	16.81	1,742	1,386,048	322,244	795	23.2
1921-1925.....	73,322	87,935	1,085,952	1.20	12.35	1,653	1,279,550	247,642	774	19.4
1926-1930.....	69,118	83,980	948,691	1.22	11.30	1,831	1,410,902	240,531	771	17.7
1931-1935.....	68,190	76,069	651,795	1.13	8.47	1,599	1,268,339	175,681	808	13.9
1936-1940.....	68,842	85,404	708,631	1.24	8.30	1,641	1,491,701	277,578	909	18.6
1941-1945.....	75,905	103,577	1,390,660	1.36	13.43	1,543	1,605,077	618,132	1,040	38.5
1941.....	73,136	95,754	928,568	1.31	9.70	1,306	1,261,839	333,085	966	26.4
1942.....	74,827	107,717	1,161,362	1.44	10.80	1,377	1,408,394	519,503	1,023	36.9
1943.....	77,004	103,128	1,623,795	1.34	14.80	1,458	1,406,190	569,974	964	40.5
1944.....	77,541	102,745	1,698,149	1.33	16.50	1,751	1,954,699	820,447	1,116	42.0
1945.....	77,017	108,539	1,641,426	1.41	15.10	1,822	1,994,262	848,926	1,094	42.6
1946.....	74,173	100,739	1,678,505	1.36	16.70	1,963	2,321,596	1,046,442	1,182	45.1
1947.....	75,489	102,765	1,815,846	1.36	17.70	1,853	2,110,131	918,633	1,139	43.5
1948.....	73,208	99,471	2,349,505	1.36	23.60	1,555	1,981,272	955,101	1,274	48.2
1949.....	72,995	99,536	2,122,276	1.36	21.30	1,631	1,972,541	905,406	1,209	45.9
1950.....	74,250	102,340	2,185,766	1.38	21.40	1,600	2,030,645	1,048,639	1,270	51.6
1951 (prel.)..	74,608	108,351	2,432,894	1.45	22.50	1,782	2,282,386	1,178,203	1,281	51.6
SORGHUMS FOR FORAGE						ORANGES AND TANGERINES (5 STATES) ²⁹				
	1,000 acres	1,000 tons	1,000 dollars	Short tons	Dols. per ton ³⁰		1,000 boxes ³¹	1,000 dollars ³²		Dols. per box ³³
1910-1920.....	---	---	---	---	---	---	29,097	69,625	---	2.39
1921-1925.....	---	---	---	---	---	---	31,650	72,772	---	2.30
1926-1930.....	³² 4,840	³³ 6,505	³³ 63,763	³³ 1.34	³³ 9.80	---	43,096	100,560	---	2.33
1931-1935.....	7,103	8,628	55,114	1.21	6.39	---	52,950	60,016	---	1.22
1936-1940.....	8,640	10,934	64,616	1.27	5.91	---	73,721	76,669	---	1.06
1941-1945.....	8,368	12,612	110,375	1.51	8.75	---	99,745	246,689	---	2.47
1941.....	10,481	17,069	89,549	1.63	5.25	---	85,193	131,327	---	1.56
1942.....	7,865	13,640	75,712	1.73	5.55	---	89,349	218,532	---	2.46
1943.....	8,404	10,982	142,848	1.31	13.00	---	106,651	279,622	---	2.64
1944.....	7,587	11,553	125,807	1.52	10.90	---	113,210	300,024	---	2.69
1945.....	7,504	9,816	117,957	1.31	12.00	---	104,350	303,939	---	2.93
1946.....	6,240	8,601	125,755	1.38	14.60	---	118,540	179,429	---	1.55
1947.....	4,871	6,078	105,236	1.25	17.30	---	114,510	147,224	---	1.30
1948.....	5,139	7,602	118,670	1.48	15.60	---	104,120	179,820	---	1.74
1949.....	4,164	6,541	82,492	1.57	12.60	---	108,465	238,741	---	2.22
1950.....	4,361	6,592	88,295	1.51	13.40	---	121,610	237,041	---	1.96
1951 (prel.)..	4,625	6,410	127,362	1.39	19.90	---	122,325	174,646	---	1.43

¹ Value based on season average or Dec. 1 prices. See notes on "Price" column.

²⁵ Received by farmers. Prices as of Dec. 1 except as noted. ²⁶ Tame hay only, prior to 1911.

²⁷ Prices are season average prices beginning 1911; Dec. 1 prices thereafter. Beginning 1948, prices are for hay sold baled; prior years, for hay sold loose. Price for hay sold loose in 1948 was \$18.90 per ton.

²⁸ Prices are season average prices beginning 1919; Dec. 1 prices thereafter.

²⁹ Prior to 1942, data are for 7 States. Production figures include fruit consumed on farms, sold locally, and used for manufacturing, as well as that shipped; they exclude fruit which ripened on trees but was destroyed prior to picking. Figures relate to crop produced from bloom of year shown. In California, picking season usually extends from about Oct. 1 to Dec. 31 of following year. In other States, season begins about Oct. 1 and ends in early summer.

³⁰ Prior to 1942, price of sweet sorghums for forage and hay.

³¹ Net content of boxes varies. In California and Arizona, approximate average is 77 lbs.; in other states, 90 lbs. Production includes following quantities donated to charity, unharvested, and/or eliminated on account of economic conditions (1,000 boxes): 1933, 977; 1934, 1,395; 1935, 614; 1936, 1,023; 1937, 1,204; 1938, 2,949; 1939, 1,236; 1940, 1,322; 1941, 762; 1942, 654; 1943, 830; 1944, 1,771; 1945, 731; 1946, 2,639; 1947, 1,563; 1948, 878; 1949, 894; 1950, 608.

Price and value are computed on remaining crop.
³² Season average returns to growers. Price and value apply to entire crop exclusive of that portion donated to charity, unharvested, and/or eliminated on account of market conditions. (See note 31.) Prices are equivalent packing-house-door returns for all methods of sale and are weighted by production to obtain U. S. averages.

³³ Average for 1929 and 1930.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual report, *Agricultural Statistics*, and annual summaries of crop statistics.

No. 742.—WHEAT FLOUR PRODUCTION BY STATES: 1944 TO 1950

[1,000 sacks of 100 lbs. Figures represent total wheat flour production of all commercial mills (excluding custom)]

STATE	1944	1945	1946	1947	1948	1949	1950
United States.....	1 243, 400	1 274, 400	1 278, 900	305, 499	279, 133	234, 351	224, 899
California.....	4, 725	4, 945	4, 403	4, 860	4, 000	4, 358	4, 607
Colorado.....	3, 063	4, 260	4, 583	5, 487	5, 540	4, 368	3, 765
Georgia.....	611	701	609	763	532	503	395
Idaho.....	1, 486	1, 867	2, 248	2, 583	2, 259	1, 796	1, 514
Illinois.....	13, 270	14, 741	12, 649	14, 322	14, 197	12, 082	12, 434
Indiana.....	3, 404	3, 671	4, 306	4, 453	4, 155	3, 352	3, 066
Iowa.....	4, 111	4, 407	4, 463	4, 459	3, 720	3, 060	3, 125
Kansas.....	36, 926	40, 429	43, 883	52, 124	51, 119	36, 685	35, 007
Kentucky.....	3, 432	3, 545	3, 637	4, 633	3, 933	4, 187	3, 799
Maryland.....	963	1, 424	1, 431	1, 437	1, 401	1, 049	1, 189
Michigan.....	3, 308	4, 065	4, 381	4, 452	4, 629	4, 330	4, 276
Minnesota.....	29, 126	35, 139	33, 910	40, 080	31, 055	28, 113	27, 893
Missouri.....	18, 925	22, 850	23, 020	27, 377	26, 491	21, 906	20, 320
Montana.....	2, 947	3, 426	4, 121	4, 267	3, 615	3, 076	3, 129
Nebraska.....	6, 237	7, 327	7, 379	8, 521	7, 990	5, 777	5, 690
New York.....	29, 891	32, 028	33, 455	32, 476	30, 183	29, 225	27, 011
North Carolina.....	1, 501	1, 700	1, 702	2, 442	2, 246	2, 023	1, 860
North Dakota.....	3, 143	4, 089	4, 198	4, 765	3, 307	2, 784	2, 701
Ohio.....	9, 211	9, 701	9, 377	9, 142	9, 599	9, 556	9, 620
Oklahoma.....	10, 870	12, 037	12, 170	14, 300	13, 149	10, 757	10, 483
Oregon.....	6, 638	7, 617	7, 095	7, 411	5, 893	5, 033	4, 631
Pennsylvania.....	1, 464	2, 021	2, 338	2, 834	2, 401	2, 006	2, 136
South Carolina.....	235	310	335	264	319	279	158
Tennessee.....	3, 990	4, 250	4, 166	4, 780	3, 784	3, 343	3, 154
Texas.....	14, 897	18, 888	19, 087	21, 609	19, 608	14, 657	13, 446
Utah.....	2, 901	3, 344	3, 292	3, 693	3, 704	3, 649	3, 811
Virginia.....	2, 772	3, 319	3, 338	3, 913	3, 462	2, 065	1, 527
Washington.....	12, 192	13, 216	12, 854	12, 639	11, 791	9, 531	9, 118
West Virginia.....	213	282	326	(?)	(?)	(?)	156
Wisconsin.....	2, 110	2, 022	2, 101	2, 481	2, 519	2, 209	(?)
Other States.....	1, 807	2, 177	2, 340	2, 942	2, 532	2, 493	4, 830

¹ Includes 7,031,009 sacks in 1944, 4,596,000 sacks in 1945, and 5,703,000 sacks in 1946 not distributed by State.² Included in "Other States."Source: Department of Commerce, Bureau of the Census. Monthly data are published in *Facts for Industry*, Series M16A.

No. 743.—WHEAT—SUPPLY AND DISAPPEARANCE: 1931 TO 1950

[In thousands of bushels; pounds per bushel, 60. For years beginning July 1. For continental United States only. See also *Historical Statistics*, series E 190-195]

ITEM	1931- 1935, average	1936- 1940, average	1941- 1945, average	1946	1947	1948	1949	1950 (prel.)
Supply, total.....	987, 798	985, 030	1, 467, 813	1, 253, 191	1, 451, 129	1, 511, 026	1, 451, 447	1, 465, 784
Stocks, July 1, total.....	296, 859	181, 289	446, 028	100, 088	83, 813	195, 991	307, 952	426, 760
On farms.....	63, 697	58, 311	126, 059	41, 606	40, 477	94, 511	67, 172	67, 907
Interior mills, elevators, and warehouses.....	42, 924	27, 340	78, 484	8, 376	10, 116	30, 645	76, 424	129, 522
Commercial ¹	119, 717	40, 941	135, 872	29, 917	8, 129	34, 065	128, 153	108, 497
Merchant mills ^{1, 2}	70, 521	54, 697	81, 717	12, 838	24, 591	34, 240	32, 401	55, 934
C. C. O. wheat in transit and in steel and wood bins.....	-----	-----	23, 896	7, 351	500	2, 530	3, 797	4, 900
New crop.....	680, 868	795, 612	984, 700	1, 163, 046	1, 367, 186	1, 313, 534	1, 141, 188	1, 026, 755
Imports ³	10, 071	7, 829	37, 085	67	130	1, 501	2, 307	12, 269
Disappearance, total.....	725, 354	760, 946	1, 078, 714	1, 169, 378	1, 255, 138	1, 203, 074	1, 024, 687	1, 070, 741
Food.....	473, 287	490, 604	480, 108	483, 329	488, 752	479, 938	485, 241	480, 177
Feed.....	127, 756	115, 009	304, 402	174, 834	182, 277	115, 591	153, 205	127, 262
Other.....	124, 311	145, 333	294, 204	511, 215	584, 109	607, 545	386, 241	463, 302
Stocks, June 30 ⁴	262, 444	234, 084	389, 099	83, 813	195, 991	307, 952	426, 760	395, 043

¹ Prior to 1937 some new wheat included, thereafter only old-crop wheat.² Estimated total based on Bureau of Census item, "In mills and mill elevators attached to mills," 1931-44.³ Imports include full duty wheat, wheat imported for feed and dutiable flour in terms of wheat.⁴ For individual items see supply, above.Source: Department of Agriculture, Bureau of Agricultural Economics, except for imports which are from Bureau of Census. Published in annual report, *Agricultural Statistics*, and in *The Wheat Situation*.

No. 744.—WHEAT—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1940 TO 1951

[Pounds per bushel, 60. Prices are season average prices received by farmers. See also *Historical Statistics*, series E 186-188, for U. S. totals for acreage harvested, production, and price]

DIVISION AND STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE FOR CROP OF 1—		FARM VALUE	
	1940- 49, avg.	1950	1951 ²	1940- 49, avg.	1950	1951 ²	1940-49, avg.	1950	1951 ²	1950	1951 ²	1950	1951 ²
U. S.-----	1,000 acres 62,624	1,000 acres 61,610	1,000 acres 61,424	Bu. 17.1	Bu. 16.5	Bu. 16.1	1,000 bu. 1,071,310	1,000 bu. 1,019,389	1,000 bu. 987,474	Cts. per bu. 200	Cts. per bu. 212	1,000 dol. 2,043,082	1,000 dol. 2,091,535
M. A.:													
N. Y.-----	329	406	413	25.1	27.9	25.0	8,367	11,344	10,319	197	215	22,348	22,186
N. J.-----	63	78	81	22.8	21.6	26.0	1,440	1,677	2,106	203	210	3,404	4,423
Pa.-----	888	863	837	20.7	22.0	22.5	18,440	18,986	18,832	192	210	36,453	39,547
E. N. C.:													
Ohio-----	1,976	2,118	1,906	23.3	22.0	18.0	46,592	46,596	34,308	202	220	94,124	75,478
Ind.-----	1,426	1,533	1,420	20.3	21.0	16.5	29,529	32,193	23,529	200	220	64,386	51,764
Ill.-----	1,423	1,417	1,757	19.6	19.5	19.0	28,879	27,632	33,383	205	220	56,646	73,443
Mich.-----	955	1,141	1,232	24.2	26.0	25.0	23,553	29,666	30,800	202	220	59,925	67,760
Wis.-----	88	86	80	21.5	24.2	23.2	1,912	2,084	1,856	200	215	4,168	3,990
W. N. C.:													
Minn.-----	1,248	927	1,076	17.7	16.7	18.6	22,004	15,512	20,022	209	215	32,420	43,047
Iowa-----	214	250	155	19.9	21.8	14.3	4,387	5,454	2,212	203	216	11,072	4,778
Mo.-----	1,345	1,359	1,318	16.2	17.5	17.0	22,658	23,782	22,406	200	210	47,564	47,053
N. Dak.-----	9,242	8,942	10,485	15.1	13.9	14.4	137,943	123,986	150,975	206	211	255,411	318,557
S. Dak.-----	3,256	3,359	3,839	12.7	10.0	14.9	41,358	33,488	57,260	203	211	67,981	120,819
Nebr.-----	3,327	4,051	4,005	17.8	21.8	14.5	63,652	88,482	58,073	204	215	180,503	124,857
Kans.-----	12,137	12,280	9,701	15.9	14.5	13.0	193,512	178,060	126,113	202	215	359,681	271,143
S. A.:													
Del.-----	64	60	58	19.2	17.0	20.5	1,231	1,020	1,189	196	205	1,999	2,437
Md.-----	352	279	262	19.4	18.5	20.5	6,840	5,162	5,371	195	205	10,066	11,011
Va.-----	485	376	357	16.7	18.0	21.0	8,117	6,768	7,497	208	215	14,077	16,119
W. Va.-----	89	66	58	17.6	18.5	18.5	1,550	1,221	1,073	199	215	2,430	2,307
N. C.-----	448	356	381	15.2	15.0	23.0	6,801	5,840	8,763	217	210	11,588	18,402
S. C.-----	231	141	175	13.6	14.0	20.0	3,135	1,974	3,500	216	210	4,264	7,350
Ga.-----	198	108	97	12.4	12.5	18.5	2,470	1,794	1,794	208	210	2,808	3,767
E. S. C.:													
Ky.-----	344	248	223	15.6	15.0	16.0	5,401	3,720	3,598	208	220	7,738	7,850
Tenn.-----	340	244	195	14.0	12.5	15.5	4,762	3,050	3,022	210	220	6,405	6,648
Ala.-----	14	11	6	14.3	15.5	21.0	200	170	126	207	220	352	277
Miss.-----	12	6	3	23.9	20.0	25.0	278	120	75	196	210	235	158
W. S. C.:													
Ark.-----	29	18	18	13.2	14.0	15.5	389	252	279	196	210	494	586
Okl.-----	5,335	4,707	4,095	13.7	9.0	9.5	73,998	42,363	38,902	202	220	85,573	85,584
Tex.-----	4,873	2,374	1,923	12.8	8.0	9.0	63,486	18,992	17,307	196	220	37,224	38,075
Mt.:													
Mont.-----	4,088	4,953	5,910	17.1	18.5	16.6	68,845	91,434	97,988	190	199	173,725	194,996
Idaho-----	1,142	1,342	1,480	27.4	27.6	25.7	31,154	37,087	37,968	185	195	68,611	74,038
Wyo.-----	260	348	375	18.8	18.3	18.0	4,976	6,378	6,750	192	203	12,246	13,702
Colo.-----	1,814	2,314	2,476	19.4	16.0	14.1	35,996	36,909	34,967	200	215	73,818	75,179
N. Mex.-----	353	172	165	11.6	6.2	6.6	4,176	1,070	1,094	193	216	2,065	2,363
Ariz.-----	27	28	22	21.4	25.0	26.0	575	700	572	191	215	1,337	1,230
Utah-----	300	408	422	23.3	19.2	21.5	6,937	7,840	9,081	186	198	14,582	17,980
Nev.-----	19	17	17	28.0	27.7	29.5	529	471	502	193	206	909	1,034
Pac.:													
Wash.-----	2,368	2,621	2,774	26.1	26.6	27.1	61,580	69,692	75,152	198	210	137,900	157,819
Oreg.-----	898	952	1,048	25.4	24.9	27.7	22,666	23,693	28,999	205	215	48,571	62,348
Calif.-----	625	651	673	17.7	21.0	17.0	10,969	13,671	9,741	204	220	27,889	21,430

¹ Includes an allowance for unredeemed loan and purchase agreement deliveries valued at average rate.

² Preliminary.

Source: Department of Agriculture, Bureau of Agricultural Economics: annual summaries, *Acreage, Yield, and Production of Principal Crops* and *Season Average Prices and Value of Production*.

No. 745.—CORN—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1940 TO 1951

[Pounds per bushel, 56. Covers corn for all purposes, including hogged and siloed corn and that cut and fed without removing ears, as well as that husked and snapped for grain. Prices are season average prices received by farmers. See also *Historical Statistics*, E 181-183, for U. S. totals for acreage harvested, production, and price]

DIVISION AND STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE FOR CROP OF 1—		FARM VALUE	
	1940- 49, avg.	1950	1951 ²	1940- 49, avg.	1950	1951 ²	1940-49, avg.	1950	1951 ²	1950	1951 ²	1950	1951 ²
	1,000 acres	1,000 acres	1,000 acres	Bu.	Bu.	Bu.	1,000 bu.	1,000 bu.	1,000 bu.	Cts. per bu.	Cts. per bu.	1,000 dol.	1,000 dol.
U. S.....	87,882	81,817	81,306	33.9	37.4	36.2	2,980,777	3,057,803	2,941,423	153	168	4,679,612	4,934,921
N. E.:													
Maine.....	12	15	15	39.0	34.0	36.0	481	510	540	202	220	1,030	1,188
N. H.....	13	14	14	41.8	48.0	43.0	527	672	602	192	215	1,290	1,294
Vt.....	61	69	68	40.0	48.0	41.0	2,423	3,312	2,788	192	215	6,359	5,994
Mass.....	40	37	36	42.4	42.0	47.0	1,677	1,554	1,692	191	215	2,968	3,638
R. I.....	8	7	7	39.1	43.0	41.0	309	301	287	101	215	575	617
Conn.....	48	40	38	42.0	45.0	45.0	2,022	1,800	1,710	191	215	3,438	3,676
M. A.:													
N. Y.....	672	666	639	36.8	43.0	44.0	24,787	28,638	28,116	177	190	50,689	53,420
N. J.....	188	173	185	41.6	54.0	52.5	7,816	9,342	9,712	177	185	16,355	17,967
Pa.....	1,347	1,295	1,321	41.8	46.5	46.0	56,275	60,218	60,766	176	185	105,984	112,417
E. N. C.:													
Ohio.....	3,455	3,364	3,532	49.0	52.0	48.0	169,584	174,928	169,536	162	175	283,383	296,688
Ind.....	4,362	4,380	4,555	48.4	48.5	53.0	212,069	212,430	241,415	159	170	337,764	410,406
Ill.....	8,470	8,281	8,943	50.5	51.0	55.0	429,440	422,331	491,865	159	175	671,506	860,764
Mich.....	1,676	1,585	1,604	35.2	38.5	41.5	59,089	61,022	69,056	160	175	97,635	120,848
Wis.....	2,500	2,567	2,413	43.1	42.5	43.0	107,906	109,098	103,759	159	170	173,466	176,890
W. N. C.:													
Minn.....	5,204	5,185	5,444	42.2	38.0	39.5	219,033	197,030	215,038	143	150	281,753	322,557
Iowa.....	10,433	9,798	10,484	51.2	48.5	45.0	533,540	475,203	471,780	152	165	722,309	778,437
Mo.....	4,237	4,003	3,883	33.4	44.0	34.0	142,318	176,132	132,022	148	170	260,675	224,437
N. Dak.....	1,158	1,306	1,228	22.4	19.0	19.0	25,856	24,814	23,332	135	180	33,499	34,908
S. Dak.....	3,568	3,816	3,892	25.5	26.5	22.0	92,154	107,124	85,624	137	150	138,540	128,436
Nebr.....	7,543	6,917	7,080	27.6	36.0	26.5	210,496	249,012	187,620	145	155	361,067	290,811
Kans.....	2,863	2,557	2,429	23.8	35.0	24.0	68,239	89,495	58,296	143	170	127,978	99,103
S. A.:													
Del.....	140	136	155	28.8	33.0	37.0	4,042	5,168	5,735	169	170	8,734	9,750
Md.....	470	428	454	35.4	44.0	45.0	16,674	18,832	20,430	166	175	31,261	35,752
Va.....	1,227	968	968	32.8	46.0	43.0	39,743	44,528	41,624	170	175	75,698	72,842
W. Va.....	334	238	220	35.9	37.0	39.0	11,804	8,806	8,580	167	180	14,706	15,444
N. C.....	2,273	2,248	2,181	25.6	33.0	31.0	57,934	74,184	67,611	152	165	112,760	111,558
S. C.....	1,507	1,446	1,316	17.4	21.5	20.0	26,067	31,089	26,320	146	165	45,390	43,428
Ga.....	3,502	3,259	3,096	13.5	15.5	16.0	46,709	50,514	49,536	152	165	76,781	81,734
Fla.....	709	613	601	11.0	14.0	16.0	7,831	8,582	9,616	149	160	12,787	15,386
E. S. C.:													
Ky.....	2,418	2,130	2,151	31.9	37.0	37.5	76,584	78,810	80,662	166	175	130,825	141,158
Tenn.....	2,384	2,141	2,012	27.6	32.5	30.0	65,294	69,582	60,360	163	175	113,419	105,630
Ala.....	2,988	2,649	2,437	15.9	21.5	19.0	46,983	56,954	46,303	148	165	84,292	76,490
Miss.....	2,529	2,218	1,774	18.0	23.5	21.5	44,756	52,123	38,141	139	165	72,451	62,933
W. S. C.:													
Ark.....	1,608	1,372	988	19.6	23.5	23.5	30,989	32,242	23,218	142	160	45,784	37,149
La.....	1,148	834	709	16.6	21.0	23.0	18,747	17,514	16,307	146	155	25,570	25,276
Okla.....	1,544	1,036	984	18.6	23.5	21.5	28,461	24,346	21,156	130	160	31,650	33,850
Tex.....	3,775	2,921	2,278	16.8	20.0	18.5	62,517	58,420	42,143	126	165	73,609	69,536
Mt.:													
Mont.....	188	194	165	16.2	18.0	14.5	3,059	3,492	2,392	164	180	5,727	4,306
Idaho.....	36	32	36	44.8	52.5	54.5	1,620	1,680	1,962	159	185	2,671	3,630
Wyo.....	92	53	52	15.4	18.0	15.0	1,373	954	780	147	180	1,402	1,404
Colo.....	795	557	607	19.6	24.0	26.0	15,145	13,368	15,782	160	180	21,389	25,408
N. Mex.....	166	80	72	14.4	16.0	15.5	2,378	1,280	1,116	180	195	2,304	2,176
Ariz.....	33	32	32	10.8	14.5	10.0	359	464	320	204	225	947	720
Utah.....	24	30	31	31.2	36.0	37.0	756	1,080	1,147	187	220	2,020	2,523
Nev.....	3	2	3	30.7	35.0	40.0	85	70	120	192	220	134	264
Pac.:													
Wash.....	21	19	19	47.0	54.0	58.0	977	1,025	1,102	178	205	1,826	2,259
Oreg.....	40	25	26	35.3	39.0	42.0	1,404	975	1,092	193	215	1,882	2,348
Calif.....	71	81	69	32.4	34.0	33.5	2,306	2,754	2,312	187	215	5,150	4,971

¹ Includes an allowance for unredeemed loan and purchase agreement deliveries valued at average rate.

² Preliminary.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual summaries, *Acreage, Yield, and Production of Principal Crops and Season Average Prices and Value of Production*.

No. 746.—OATS—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1940 TO 1951

[Pounds per bushel, 32. Prices are season-average prices received by farmers. See also *Historical Statistics*, series E 190-198, for U. S. totals for acreage harvested, production and price]

DIVISION AND STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE FOR CROP OF 1—		FARM VALUE	
	1940- 49, avg.	1950	1951 ²	1940- 49, avg.	1950	1951 ²	1940-49, avg.	1950	1951 ²	1950	1951 ²	1950	1951 ²
	1,000 acres 39,460	1,000 acres 40,733	1,000 acres 36,454	Bu. 33.2	Bu. 34.6	Bu. 36.1	1,000 bu. 1,311,651	1,000 bu. 1,410,464	1,000 bu. 1,316,396	Cts. per bu. 79.1	Cts. per bu. 84.5	1,000 dol. 1,115,999	1,000 dol. 1,112,698
U. S.-----													
N. E.:													
Maine-----	84	93	114	39.2	48.0	44.0	3,281	4,464	5,016	93	95	4,152	4,765
N. H.-----	7	5	5	36.4	41.0	36.0	239	205	180	110	110	226	198
Vt.-----	44	32	36	32.3	35.0	41.0	1,439	1,120	1,476	110	110	1,232	1,624
Mass.-----	7	5	5	31.6	31.0	40.0	200	150	210	110	110	165	220
R. I.-----	1	1	1	31.6	31.0	32.0	32	31	32	110	110	54	35
Conn.-----	5	4	4	34.5	35.0	31.0	186	140	124	110	110	154	136
M. A.:													
N. Y.-----	728	719	755	31.8	43.0	48.0	23,711	30,917	36,240	87	85	26,898	30,804
N. J.-----	44	39	42	30.8	39.0	39.0	1,361	1,521	1,638	90	90	1,369	1,474
Pa.-----	812	733	770	31.3	38.0	42.0	25,331	27,854	32,340	87	90	24,233	29,106
E. N. C.:													
Ohio-----	1,133	1,118	1,219	38.0	36.0	41.0	43,748	40,248	49,979	86	85	34,613	42,482
Ind.-----	1,322	1,335	1,375	36.4	36.0	37.0	48,158	48,060	50,875	81	85	38,929	43,244
Ill.-----	3,496	3,796	3,340	40.9	41.0	40.0	143,533	155,636	133,600	80	85	124,509	113,560
Mich.-----	1,387	1,415	1,486	37.3	38.5	40.5	52,531	54,478	60,183	82	85	44,672	51,156
Wis.-----	2,670	2,924	2,895	42.3	48.5	49.5	113,497	141,814	143,302	81	85	114,869	121,807
W. N. C.:													
Minn.-----	4,649	5,101	4,948	37.4	37.0	43.0	174,751	188,737	212,764	74	80	139,665	170,211
Iowa-----	5,396	6,520	5,542	36.5	41.5	33.0	198,417	270,580	182,886	79	85	213,758	155,453
Mo.-----	1,810	1,587	1,206	24.6	30.0	23.0	44,949	47,610	27,738	79	85	37,612	23,577
N. Dak.-----	2,186	2,084	1,959	29.0	28.0	29.0	64,394	58,362	56,811	66	76	38,512	42,608
S. Dak.-----	2,768	3,311	3,145	30.8	26.0	37.0	86,060	86,086	116,365	71	80	61,121	93,092
Nebr.-----	2,143	2,649	2,172	27.4	24.0	28.0	53,716	63,576	60,816	78	85	49,589	51,694
Kans.-----	1,428	960	797	24.3	21.0	13.0	34,735	20,160	14,346	86	95	17,338	13,629
S. A.:													
Del.-----	5	8	8	30.4	28.0	32.0	149	224	256	93	90	208	230
Md.-----	40	47	55	31.0	34.0	36.0	1,237	1,598	1,980	95	90	1,518	1,782
Va.-----	136	139	146	27.2	31.5	33.0	3,700	4,378	4,818	84	85	3,678	4,095
W. Va.-----	69	53	50	25.5	30.0	32.0	1,750	1,590	1,600	90	100	1,431	1,600
N. C.-----	324	410	402	27.6	28.5	35.5	9,021	11,685	14,271	90	90	10,516	12,844
S. C.-----	648	647	576	24.6	27.5	28.0	16,012	17,792	16,128	88	90	15,667	14,515
Ga.-----	605	477	396	23.2	27.0	26.0	14,113	12,879	10,296	90	100	11,591	10,296
Fla.-----	25	16	20	16.8	18.0	25.0	444	288	500	143	130	412	650
E. S. C.:													
Ky.-----	98	99	89	23.4	23.0	24.0	2,311	2,277	2,136	96	100	2,186	2,136
Tenn.-----	195	239	182	25.3	25.0	26.0	4,988	5,975	4,732	96	105	5,736	4,969
Ala.-----	220	113	76	22.8	26.0	27.0	5,055	2,938	2,052	104	115	3,056	2,360
Miss.-----	337	172	115	31.7	25.0	29.0	10,679	4,300	3,335	100	100	4,300	3,335
W. S. C.:													
Ark.-----	278	180	122	27.5	28.0	25.0	7,684	5,040	3,050	94	105	4,738	3,202
La.-----	113	48	43	28.8	21.5	28.0	3,224	1,032	1,204	99	105	1,022	1,264
Okla.-----	1,256	532	298	20.0	16.5	16.0	25,284	8,778	4,768	84	95	7,374	4,530
Tex.-----	1,367	1,324	543	22.0	19.5	15.0	30,912	25,818	8,145	77	100	19,880	8,145
Mt.:													
Mont.-----	381	423	300	32.4	37.0	34.0	12,486	15,651	10,200	65	75	10,173	7,650
Idaho-----	178	222	191	41.5	44.0	42.0	7,377	9,768	8,022	75	85	7,326	6,819
Wyo.-----	137	152	149	30.3	32.0	31.5	4,155	4,864	4,694	78	90	3,794	4,225
Colo.-----	194	190	194	31.6	26.0	30.0	6,162	4,940	5,820	91	100	4,495	5,820
N. Mex.-----	42	28	28	22.0	23.0	18.5	926	644	518	91	105	586	544
Ariz.-----	10	10	9	29.4	43.0	41.0	296	430	369	92	115	396	424
Utah-----	45	52	41	43.5	45.0	46.0	1,957	2,340	1,886	89	100	2,083	1,886
Nev.-----	8	9	8	41.0	40.0	40.0	332	360	320	97	110	349	352
Pac.:													
Wash.-----	161	172	145	45.7	48.0	46.0	7,336	8,256	6,670	81	90	6,687	6,003
Oreg.-----	329	344	289	32.5	25.0	25.6	9,778	8,608	7,395	88	100	7,575	7,395
Calif.-----	170	196	163	29.4	32.0	26.5	5,007	6,272	4,320	89	110	5,582	4,752

¹ Includes an allowance for unredeemed loan and purchase agreement deliveries valued at average rate.

² Preliminary.

³ Includes total acreage grown with peas and vetch in 1950 and 1951. 10-year average includes half such acreage.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual summaries, *Acreage, Yield, and Production of Principal Crops and Season Average Prices and Value of Production*.

No. 747.—BARLEY AND RICE—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1940 TO 1951

[Pounds per bushel of barley, 48; rice (rough), 45. Prices are season average prices received by farmers. See also *Historical Statistics*, series E 200-202, for U. S. barley totals for acreage harvested, production, and price]

DIVISION AND STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE FOR CROP OF 1—		FARM VALUE	
	1940- 49, avg.	1950	1951 ²	1940- 49, avg.	1950	1951 ²	1940- 49, avg.	1950	1951 ²	1950	1951 ²	1950	1951 ²
BARLEY	1,000 acres	1,000 acres	1,000 acres	Bu.	Bu.	Bu.	1,000 bu.	1,000 bu.	1,000 bu.	Cents per bu.	Cents per bu.	1,000 dol.	1,000 dol.
U. S.	12,569	11,153	9,391	24.4	27.2	27.1	306,523	303,533	254,668	118	124	357,258	315,800
N. E.:													
Maine.....	4	6	6	29.6	34.0	32.0	118	204	192	142	125	290	240
Vt.....	3	1	1	25.5	26.0	33.0	82	26	33	151	140	39	46
M. A.:													
N. Y.....	104	81	74	26.3	34.0	34.0	2,750	2,754	2,516	118	120	3,250	3,019
N. J.....	10	20	18	30.8	32.0	38.0	306	640	684	109	125	698	855
Pa.....	126	182	157	31.4	35.5	34.5	3,912	6,461	5,416	105	115	6,784	6,228
E. N. C.:													
Ohio.....	29	26	19	27.2	28.0	26.0	769	728	494	116	120	844	593
Ind.....	47	24	23	25.3	26.0	21.5	1,168	624	494	118	130	736	642
Ill.....	70	42	31	28.2	28.0	28.0	1,973	1,176	868	128	130	1,505	1,128
Mich.....	155	115	114	29.9	34.0	34.0	4,667	3,910	3,876	120	120	4,662	4,651
Wis.....	298	219	201	34.0	41.0	33.0	9,930	8,979	6,633	141	130	12,660	8,623
W. N. C.:													
Minn.....	1,157	1,252	1,402	26.2	29.0	27.5	30,714	36,308	38,555	133	125	48,290	48,194
Iowa.....	104	53	33	25.6	32.0	21.0	2,819	1,696	693	120	115	2,035	797
Mo.....	110	80	50	21.0	20.5	21.5	2,285	1,640	1,075	120	125	1,968	1,344
N. Dak.....	2,248	2,146	2,232	21.4	24.0	23.0	48,604	51,504	51,336	119	110	61,290	56,470
S. Dak.....	1,628	1,148	838	20.1	16.5	23.5	32,982	18,942	19,693	117	105	22,162	20,678
Nebr.....	1,002	310	210	19.3	15.0	22.0	19,514	4,650	4,620	109	115	5,068	5,313
Kans.....	707	254	119	17.7	14.5	13.0	12,132	3,683	1,547	114	125	4,199	1,934
S. A.:													
Del.....	9	12	11	29.1	31.0	31.0	273	336	341	106	110	356	375
Md.....	74	85	76	29.7	31.0	32.5	2,210	2,635	2,470	104	110	2,740	2,717
Va.....	78	89	82	28.2	30.5	32.0	2,221	2,624	2,470	115	115	3,121	3,018
W. Va.....	10	14	11	26.8	29.0	26.0	274	406	286	108	135	438	386
N. C.....	36	35	35	24.4	25.5	36.0	881	892	1,260	132	135	1,177	1,701
S. C.....	23	17	16	21.9	20.0	25.0	509	340	400	137	145	466	580
Ga.....	7	5	4	19.7	22.0	22.5	140	110	90	147	150	162	135
E. S. C.:													
Ky.....	76	73	53	24.2	23.0	22.5	1,799	1,679	1,192	109	120	1,830	1,430
Tenn.....	87	62	53	20.1	17.0	18.5	1,729	1,054	980	125	135	1,318	1,323
Ala.....	3			19.6			53						
Miss.....	3			24.4			66						
W. S. C.:													
Ark.....	8	4	4	18.1	21.0	18.0	149	84	72	117	115	98	83
Okla.....	296	52	18	16.4	13.5	11.0	4,848	702	198	118	130	828	257
Tex.....	229	125	45	17.1	13.0	11.5	4,010	1,625	518	108	125	1,755	648
Mt.:													
Mont.....	576	852	460	25.5	27.5	28.0	14,692	23,430	12,880	95	105	22,258	13,524
Idaho.....	318	424	326	35.6	35.0	32.0	11,305	14,840	10,432	101	120	14,988	12,518
Wyo.....	131	151	139	29.6	28.0	33.0	3,872	4,228	4,587	105	115	4,439	5,275
Colo.....	668	489	406	24.8	19.5	23.5	16,705	9,536	9,541	114	130	10,871	12,403
N. Mex.....	33	27	21	20.6	22.0	20.5	658	594	430	114	130	677	559
Ariz.....	83	157	98	35.5	50.0	50.0	3,037	7,850	4,900	109	145	8,556	7,105
Utah.....	121	141	138	44.8	44.0	44.0	5,420	6,204	6,072	116	135	7,197	8,197
Nev.....	22	24	24	35.8	34.0	34.0	778	792	816	122	150	966	1,224
Pac.:													
Wash.....	170	254	94	35.3	34.5	36.0	6,180	8,763	3,384	112	130	9,815	4,399
Oreg.....	280	337	337	32.7	32.0	30.0	9,254	10,784	10,110	125	135	13,480	13,648
Calif.....	1,427	1,765	1,412	28.4	34.0	30.0	40,750	60,010	42,360	122	150	73,212	63,540
RICE (ROUGH)													
U. S.	1,507	1,620	1,947	46.3	53.1	50.0	69,847	85,976	97,344	229	215	196,773	208,826
Miss.....		7	28		60.0	55.6		420	1,556	234	214	983	3,325
Ark.....	295	342	445	49.1	50.6	45.0	14,500	17,289	20,024	231	225	39,911	45,055
La.....	581	551	596	38.3	43.9	42.2	22,222	24,182	25,164	228	212	55,172	53,223
Tex.....	410	482	564	45.0	53.3	48.9	18,364	25,707	27,573	246	216	63,161	59,558
Calif.....	232	238	314	66.4	77.2	73.3	14,733	18,378	23,027	204	207	37,546	47,665

¹ Includes an allowance for unredeemed loan and purchase agreement deliveries valued at average rate.

² Preliminary.

³ Short-time average.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual summaries, *Acreage, Yield, and Production of Principal Crops* and *Season Average Prices and Value of Production*.

NO. 748.—**RYE AND SORGHUMS FOR GRAIN—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1940 TO 1951**

[Pounds per bushel of rye, 56; sorghums for grain, 56 and 50. Prices are season average prices received by farmers]

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE FOR CROP OF 1—		FARM VALUE	
	1940-49, avg.	1950	1951 ²	1940-49, avg.	1950	1951 ²	1940-49, avg.	1950	1951 ²	1950	1951 ²	1950	1951 ²
RYE	1,000 acres	1,000 acres	1,000 acres	Bu. 12.2	Bu. 12.3	Bu. 12.5	1,000 bu. 30,173	1,000 bu. 21,264	1,000 bu. 21,395	Cents per bu. 132	Cents per bu. 154	1,000 dol. 28,055	1,000 dol. 32,857
United States...	2,448	1,730	1,718										
New York.....	16	17	12	17.7	19.5	18.5	277	332	222	139	150	461	333
New Jersey.....	15	13	11	17.1	17.5	19.0	249	228	209	144	150	328	314
Pennsylvania.....	37	13	12	14.8	15.5	15.5	545	202	186	140	150	283	279
Ohio.....	47	33	18	17.1	16.0	16.0	800	528	288	141	170	744	400
Indiana.....	88	57	50	13.6	13.5	12.5	1,207	770	625	138	165	1,063	1,031
Illinois.....	53	50	47	13.0	13.5	13.0	689	675	611	131	165	884	1,008
Michigan.....	64	60	62	14.3	14.5	14.0	930	870	868	128	155	1,114	1,345
Wisconsin.....	111	92	97	11.4	12.5	11.5	1,282	1,150	1,116	131	155	1,506	1,730
Minnesota.....	187	162	190	13.7	14.5	15.0	2,632	2,349	2,850	132	155	3,101	4,418
Iowa.....	17	13	10	14.8	16.0	14.0	257	208	140	126	155	262	217
Missouri.....	40	30	25	12.5	11.0	11.0	488	330	275	142	170	469	468
North Dakota.....	422	220	183	12.2	10.5	14.0	5,370	2,310	2,562	123	145	2,841	3,715
South Dakota.....	443	420	512	11.9	13.0	13.0	5,390	5,460	6,656	128	150	6,989	9,984
Nebraska.....	330	224	202	10.6	11.0	8.5	3,593	2,464	1,717	122	145	3,006	2,490
Kansas.....	75	42	30	10.8	10.0	9.5	805	420	285	126	150	529	428
Delaware.....	16	18	19	12.9	14.0	14.5	202	252	276	166	150	418	414
Maryland.....	19	12	14	14.3	14.0	14.5	271	168	203	154	155	259	315
Virginia.....	36	20	19	13.4	14.0	14.5	478	280	276	152	160	426	442
West Virginia.....	4	2	2	12.2	14.0	13.0	47	28	26	155	175	43	46
North Carolina.....	33	16	15	11.2	12.5	14.0	362	200	210	210	220	438	462
South Carolina.....	17	6	6	9.4	10.0	12.5	156	60	75	227	230	136	172
Georgia.....	12	3	4	9.1	9.5	11.0	104	28	44	253	250	71	110
Kentucky.....	28	21	17	13.4	11.5	12.0	375	242	204	165	185	390	377
Tennessee.....	33	22	15	10.2	10.0	10.0	337	220	150	181	200	398	300
Oklahoma.....	75	31	30	9.2	7.5	7.9	691	232	210	132	160	306	336
Texas.....	23	28	13	9.3	7.0	6.0	209	196	78	112	150	220	117
Montana.....	32	12	9	12.0	13.0	10.5	386	156	94	107	130	167	122
Idaho.....	5	4	3	14.6	13.0	15.0	73	52	45	117	145	61	65
Wyoming.....	14	5	6	10.6	11.0	11.0	163	55	66	112	145	62	96
Colorado.....	70	28	30	10.2	7.5	8.0	732	210	240	113	150	237	360
New Mexico.....	8	5	5	10.3	6.0	5.0	84	30	25	133	150	40	38
Utah.....	8	5	5	10.0	10.0	9.0	84	50	45	172	160	86	72
Washington.....	20	18	14	11.9	11.5	11.0	246	207	154	142	150	294	231
Oregon.....	37	22	23	13.8	11.0	12.0	512	242	276	137	145	332	400
California.....	13	6	8	11.5	10.0	11.0	146	60	88	136	150	82	132
SORGHUMS FOR GRAIN													
United States...	6,737	10,335	8,449	17.5	22.6	18.9	118,772	233,278	159,265	105	132	244,837	209,905
Indiana.....	2	2	1	28.0	27.0	28.0	44	54	28	114	134	62	38
Iowa.....	2			20.6			39						
Missouri.....	46	30	23	19.9	20.5	17.0	916	615	391	110	146	676	571
North Dakota.....	5			14.4			73						
South Dakota.....	94	94	18	11.8	12.5	12.0	1,057	1,175	216	104	129	1,222	279
Nebraska.....	129	194	128	18.0	25.0	13.0	2,043	4,850	1,664	101	134	4,898	2,230
Kansas.....	1,283	1,943	2,605	17.2	23.0	22.0	44,689	144,566	57,310	107	134	47,817	76,795
North Carolina.....	23	33		30.0	30.0		690	990	131	143	904	1,416	
South Carolina.....	8	4		19.0			152	74	137	151	208	112	
Alabama.....	29	34	19	20.0	17.5	17.0	632	595	323	132	154	785	497
Arkansas.....	10	29	15	16.4	17.0	21.0	173	493	315	119	146	587	460
Louisiana.....	1	2	1	16.8	16.0	16.0	20	32	16	134	146	43	23
Oklahoma.....	698	947	1,048	12.9	18.5	16.0	9,068	17,520	16,768	105	134	18,396	22,469
Texas.....	3,864	6,289	3,850	18.1	23.0	18.5	69,694	144,566	71,085	102	126	147,457	89,567
Colorado.....	182	103	254	14.4	12.0	12.0	2,634	1,236	3,048	120	140	1,483	4,267
New Mexico.....	222	443	359	13.8	19.0	9.5	3,509	8,417	3,410	106	134	8,922	4,568
Arizona.....	48	80	26	36.3	44.0	42.0	1,776	3,520	1,092	132	176	4,646	1,922
California.....	128	114	65	36.8	41.0	39.0	4,721	4,674	2,535	144	185	6,731	4,690

¹ Includes an allowance for unredeemed loan and purchase agreement deliveries valued at average rate.

² Preliminary.

³ Short-time average.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual summaries, *Acreage, Yield, and Production of Principal Crops and Season Average Prices and Value of Production*.

No. 749.—GRAIN PRICES—AVERAGE MARKET PRICES, BY KIND, BY MARKET: 1909 TO 1950

[Weighted average market price per bushel of reported cash sales]

YEARLY AVERAGE OR CROP YEAR BEGINNING—	Wheat, July-June			Corn, Nov.-Oct.		Oats, Aug.-July		Barley, Aug.-July	Rye, July-June	Flax-seed, Aug.-July ¹	Kafir, Nov.-Oct. ²
	No. 1, Dark Northern Spring, Minneapolis	No. 2, Hard Winter, Kansas City	No. 2, Red Winter, Chicago	No. 3, Yellow, Chicago	No. 3, Yellow, Kansas City	No. 3, White, Chicago	No. 3, White, Minneapolis	No. 2, Minneapolis ³	No. 2, Minneapolis	No. 1, Minneapolis	No. 2, White, Kansas City
1909-1913.....	\$0.99	\$0.95	\$0.99	\$0.61	\$0.60	\$0.40	\$0.38	\$0.64	\$0.70	\$1.91	\$1.34
1914-1920.....	1.90	1.70	1.83	1.15	1.12	.60	.68	1.02	1.43	3.03	2.17
1921-1925.....	1.44	1.27	1.33	.79	.78	.42	.38	.65	.87	2.47	1.52
1926-1930.....	1.26	1.16	1.26	.85	.79	.44	.42	.65	.88	2.32	1.31
1931-1935.....	.93	.78	.78	.57	.57	.31	.32	.66	.57	1.61	1.05
1936-1940.....	1.08	.92	.93	.69	.68	.35	.33	.72	.64	1.86	1.06
1941-1945.....	1.45	1.40	1.48	1.19	1.12	.63	.61	1.12	1.08	2.80	1.95
1946-1950.....	2.48	2.25	2.20	1.68	1.62	.86	.85	1.71	1.96	5.00	2.60
1940.....	.90	.82	.86	.67	.59	.36	.30	.52	.51	1.65	.93
1941.....	1.10	1.12	1.12	.80	.78	.49	.46	.79	.65	2.11	1.19
1942.....	1.29	1.26	1.36	.94	.90	.54	.50	.92	.73	2.68	1.85
1943.....	1.55	1.45	1.67	1.14	1.13	.76	.74	1.29	1.08	3.05	2.27
1944.....	1.59	1.56	1.58	1.15	1.10	.71	.67	1.30	1.22	3.10	2.01
1945.....	1.71	1.60	1.68	1.92	1.67	.67	.67	1.31	1.72	3.14	2.42
1946.....	2.34	2.09	2.09	1.84	1.54	.92	.85	1.78	2.55	4.82	2.91
1947.....	2.88	2.52	2.46	2.14	2.34	1.06	1.14	2.32	2.65	6.38	3.15
1948.....	2.37	2.19	2.27	1.35	1.31	.72	.71	1.40	1.57	5.98	2.35
1949.....	2.37	2.16	1.98	1.31	1.27	.73	.73	1.50	1.42	3.92	2.15
1950.....	2.46	2.28	2.20	1.74	1.63	.88	.83	1.54	1.62	3.88	2.42

¹ Average closing price through December 1920.³ Special No. 2, 1929-33; No. 2 Malting, thereafter.² Price per 100 pounds.⁴ No. 1 Northern Spring.Source: Department of Agriculture, Bureau of Agricultural Economics; annual report, *Agricultural Statistics*, and records.

No. 750.—WHEAT, CORN, AND OATS—RECEIPTS AT PRIMARY MARKETS, BY CROP YEARS: 1944 TO 1950

[In thousands of bushels. Pounds per bushel: Wheat, 60; corn, 56; oats, 32]

YEAR BEGINNING—	Total 12mar- kets	Chi- cago	Mil- wau- kee	Min- neap- olis	Du- luth	St. Louis	Kan- sas City	Pe- ria	Oma- ha	In- dian- apolis	Sioux City	St. Jo- seph	Wich- ita
WHEAT													
July 1:													
1944.....	546,101	41,178	3,592	140,252	125,574	44,519	104,931	9,605	18,662	9,930	4,881	13,320	29,657
1945.....	575,527	23,383	5,375	119,747	146,874	27,895	135,354	5,045	36,797	12,623	6,834	17,262	38,338
1946.....	512,020	21,992	3,666	133,868	90,332	18,518	140,281	4,726	40,016	7,363	6,107	16,084	29,067
1947.....	609,973	42,659	4,963	141,246	104,068	20,609	179,830	3,215	42,346	9,358	4,643	15,098	41,938
1948.....	620,365	33,485	5,480	153,740	125,373	25,283	159,090	4,130	51,085	9,997	5,383	18,473	34,837
1949.....	460,635	29,941	5,121	117,428	100,362	18,464	99,332	2,943	30,866	8,694	3,303	14,524	29,657
1950.....	518,343	21,533	3,549	155,718	99,708	17,754	127,251	4,771	38,337	5,804	3,175	17,152	23,591
CORN													
Oct. 1:													
1944.....	392,350	105,219	9,970	30,072	6,057	47,899	50,375	33,818	50,283	24,340	17,589	16,570	158
1945.....	271,655	100,046	8,523	19,742	6,917	17,476	22,379	26,860	33,145	20,249	15,228	7,289	27
1946.....	447,212	165,204	11,190	25,367	4,462	35,846	46,620	44,529	52,542	30,524	17,706	13,220	2
1947.....	231,657	86,265	5,751	18,268	5,109	14,933	18,777	26,448	20,797	16,968	13,998	4,443	2
1948.....	345,286	126,250	7,874	30,461	16,016	26,172	27,870	27,125	28,920	25,108	22,100	7,388	2
1949.....	355,149	125,411	9,273	32,941	21,593	23,529	32,465	25,952	36,547	24,943	15,713	6,778	4
1950.....	376,053	121,041	9,470	24,155	9,672	20,550	41,015	29,988	57,071	24,314	26,381	12,396	4
OATS													
July 1:													
1944.....	134,120	22,181	1,114	57,603	15,565	8,234	3,676	2,462	8,372	2,253	7,040	5,538	54
1945.....	219,135	37,335	4,850	80,397	28,434	9,901	10,051	4,827	13,403	5,151	18,359	6,374	83
1946.....	196,960	44,679	3,927	69,757	15,594	11,057	10,562	3,890	10,104	6,280	15,144	6,066	1
1947.....	154,329	30,391	5,458	61,730	12,809	5,147	4,543	3,983	8,077	3,456	13,879	4,855	1
1948.....	142,217	35,479	1,608	41,687	13,185	6,589	7,148	3,613	8,192	5,140	14,115	5,449	12
1949.....	129,436	36,638	2,343	31,150	15,205	7,872	5,525	2,894	7,215	5,832	9,457	5,643	12
1950.....	103,914	31,091	2,347	27,748	4,672	5,710	4,988	2,402	5,228	3,725	10,716	5,283	4

Source: Department of Agriculture, Bureau of Agricultural Economics; compiled from *Chicago Journal of Commerce*.

No. 751.—TOBACCO—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1940 TO 1951

[Prices are season average prices received by farmers]

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE FOR CROP OF—	
	1940-49, average	1950	1951 ¹	1940-49 average	1950	1951 ¹	1940-49, average	1950	1951 ¹	1950	1951 ¹
	Acres	Acres	Acres	Lbs.	Lbs.	Lbs.	1,000 pounds	1,000 pounds	1,000 pounds	Cts. per lb.	Cts. per lb.
U. S.	1,612,730	1,599,500	1,782,300	1,100	1,270	1,281	1,787,136	2,030,645	2,282,386	51.6	51.6
Mass.	6,560	8,200	6,700	1,581	1,648	1,591	10,353	13,517	10,662	64.4	69.1
Conn.	17,450	19,400	16,600	1,359	1,433	1,332	23,688	27,966	22,111	88.0	93.7
N. Y.	800	500	300	1,335	1,400	1,500	1,076	700	450	23.0	-----
Pa.	35,810	37,300	35,000	1,461	1,500	1,575	52,486	55,960	55,127	26.3	-----
Ohio.	21,650	20,600	19,800	1,134	1,195	1,240	24,361	24,610	24,555	34.7	43.6
Ind.	9,770	10,100	10,800	1,187	1,272	1,179	11,675	12,850	12,731	46.8	49.9
Wis.	22,210	21,700	15,800	1,484	1,449	1,492	32,968	31,434	25,576	26.3	-----
Minn.	570	400	300	1,250	1,300	1,500	709	520	450	21.0	-----
Mo.	5,730	4,900	5,000	1,058	1,100	1,000	6,047	5,390	5,000	50.2	50.0
Kans.	250	200	200	1,010	1,200	925	254	240	185	49.0	50.0
Md.	42,610	50,000	52,000	762	800	825	32,966	40,000	42,900	48.3	-----
Va.	121,860	118,800	136,400	1,074	1,393	1,285	131,971	165,496	176,330	52.8	51.8
W. Va.	2,920	3,100	3,100	1,090	1,090	1,300	3,208	3,379	4,030	45.1	53.0
N. C.	640,430	650,500	747,100	1,087	1,347	1,310	701,601	875,990	978,620	55.6	53.7
S. C.	108,800	114,000	132,000	1,105	1,320	1,345	121,750	150,480	177,540	54.3	51.2
Ga.	86,760	93,200	112,100	1,030	1,096	1,220	90,527	102,120	136,806	49.9	47.1
Fla.	20,130	22,200	26,600	949	1,048	1,218	19,296	23,268	32,392	83.3	74.1
Ky.	359,050	320,400	351,000	1,095	1,135	1,265	395,536	363,525	444,094	46.2	50.3
Tenn.	108,660	103,200	110,500	1,151	1,287	1,222	126,185	132,810	135,083	44.8	49.5
Ala.	370	400	600	830	1,000	800	306	400	480	47.0	45.5
La.	340	400	400	496	375	660	166	150	264	60.0	-----

¹ Preliminary.Source: Department of Agriculture, Bureau of Agricultural Economics; annual summaries, *Acreage, Yield, and Production of Principal Crops* and *Season Average Prices and Value of Production*.

No. 752.—WHEAT, CORN, RICE, AND TOBACCO—QUANTITY EXPORTED AND IMPORTED: 1927 TO 1951

[Year ending June 30]

PRODUCT	1927-31 avg.	1932-36 avg.	1937-41 avg.	1942-46 avg.	1948	1949	1950	1951
DOMESTIC EXPORTS ¹								
Wheat and flour (in terms of grain)								
1,000 bu.	174,766	50,295	67,879	99,150	479,752	505,303	314,231	373,810
Corn and meal (in terms of grain)								
1,000 bu.	18,941	4,170	45,726	13,954	33,695	90,621	109,670	116,030
Rice, milled ² .....1,000 lbs.	315,474	152,298	281,173	520,703	911,236	914,143	1,013,596	979,087
Tobacco, unmanufactured.....1,000 lbs.	552,707	418,195	374,397	375,915	411,371	451,091	480,598	477,398
IMPORTS FOR CONSUMPTION ³								
Wheat and flour (in terms of grain)								
1,000 bu.	16,491	21,106	16,512	47,350	149	4,571	11,840	20,052
Corn and meal (in terms of grain)								
1,000 bu.	1,859	10,507	23,018	2,265	735	637	704	760
Rice. ....1,000 lbs.	43,734	41,448	86,060	7,221	6,087	4,533	5,136	43,941
Tobacco, unmanufactured.....1,000 lbs.	78,384	62,974	74,398	75,343	74,970	88,455	86,808	93,998

¹ Excluding reexports. Effective Jan. 1, 1947, includes shipments under various special programs including ECA.² Beginning January 1, 1933, includes paddy or rough rice in terms of milled.³ Imports for consumption beginning 1933; general imports prior thereto.Source: Department of Agriculture, Office of Foreign Agricultural Relations, compiled from official records of Bureau of Census. Published currently in *Foreign Agricultural Trade*.

No. 753.—COTTON AND COTTONSEED—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1936 TO 1951

[Cotton production excludes linters. Figures for production in some States differ slightly from census figures on ginnings due to ginnings in 1 State of cotton grown in another. Values shown are for marketing season or crop year and should not be confused with calendar year income. Yields and prices for periods are simple averages of figures for individual years. Tons are of 2,000 pounds. See also *Historical Statistics*, series E 217-224, for U. S. totals for acres harvested, production, and price]

YEARLY AVERAGE OR YEAR	COTTON					COTTONSEED			Total farm value
	Acres harvested	Bales (500 pounds gross)	Farm value	Yield per acre	Farm price per pound ¹	Quantity	Farm value	Farm price per ton ¹	
	Thousands	Thousands	1,000 dollars	Pounds	Cents	1,000 short tons	1,000 dollars	Dollars	1,000 dollars
United States:									
1936-1940.....	27,058	13,534	646,935	239	9.66	5,684	132,166	23.49	779,101
1941-1945.....	20,636	11,247	1,110,463	262	19.84	4,602	228,712	49.53	1,339,175
1946-1950.....	21,410	12,303	1,974,503	273	32.72	4,961	368,783	70.98	2,313,286
1948.....	22,921	14,877	2,260,089	311	30.58	5,945	390,755	67.20	2,659,844
1949.....	27,230	16,128	2,804,640	284	28.58	6,559	284,810	43.40	2,889,450
1950 ⁴	17,843	10,012	2,005,169	269	40.07	4,105	354,593	86.40	2,359,762
1951 ⁴	26,698	15,290	2,877,928	275	37.60	3,686	432,348	69.90	3,310,276
Alabama:									
1936-1940.....	2,211	1,084	51,927	231	9.64	129	10,031	23.30	61,958
1941-1945.....	1,668	922	92,656	281	20.00	352	17,343	49.12	109,999
1946-1950.....	1,555	875	143,312	269	33.39	341	21,010	65.58	165,222
1948.....	1,680	1,197	143,760	353	30.86	469	28,515	60.80	213,284
1949.....	1,810	852	127,664	226	29.08	351	14,812	42.20	142,476
1950 ⁴	1,305	575	115,690	212	40.23	225	17,572	78.10	133,262
1951 ⁴	1,460	920	171,120	303	37.20	359	22,258	62.00	193,378
Arizona:									
1936-1940.....	224	219	12,312	468	11.55	99	2,295	23.30	14,607
1941-1945.....	204	152	17,629	356	23.47	69	3,394	50.02	21,022
1946-1950.....	265	347	57,206	610	32.36	141	10,344	76.96	67,550
1948.....	281	328	50,151	558	30.61	137	9,316	68.00	59,467
1949.....	400	543	74,402	649	27.40	220	9,944	45.20	84,340
1950 ⁴	275	474	102,322	825	43.29	190	18,715	98.50	121,037
1951 ⁴	555	860	173,548	741	40.40	351	24,921	71.00	198,469
Arkansas:									
1936-1940.....	2,317	1,492	69,525	310	9.44	638	14,675	23.52	84,200
1941-1945.....	1,821	1,295	126,490	340	19.71	535	26,405	49.58	152,895
1946-1950.....	2,051	1,452	229,564	339	32.25	580	38,906	69.24	268,470
1948.....	2,305	1,982	265,796	412	29.85	756	49,442	65.40	345,238
1949.....	2,530	1,632	228,788	309	28.03	674	28,510	42.30	257,298
1950 ⁴	1,670	1,090	216,738	313	39.76	448	35,661	79.60	252,399
1951 ⁴	2,070	1,255	239,078	290	38.10	504	34,776	69.00	273,854
California:									
1936-1940.....	401	518	26,656	627	10.40	211	5,322	25.78	31,978
1941-1945.....	323	365	36,294	540	19.98	148	7,638	51.99	43,932
1946-1950.....	647	889	146,277	664	33.00	347	26,940	80.42	173,217
1948.....	804	968	151,683	576	31.35	376	27,523	73.20	179,206
1949.....	957	1,268	178,629	634	28.17	479	22,034	46.00	200,663
1950 ⁴	581	978	201,652	805	41.25	402	41,004	102.00	242,656
1951 ⁴	1,290	1,770	354,883	657	40.10	696	51,504	74.00	406,387
Florida:									
1936-1940.....	83	26	1,258	145	9.89	12	258	21.03	1,516
1941-1945.....	42	14	1,365	163	19.55	6	274	44.98	1,639
1946-1950.....	33	12	2,020	185	32.47	5	304	61.16	2,324
1948.....	29	15	2,303	249	30.55	6	401	66.90	2,704
1949.....	50	16	2,347	153	29.49	7	322	46.00	2,669
1950 ⁴	31	14	2,764	226	37.75	6	397	66.20	3,161
1951 ⁴	65	35	6,142	258	35.10	15	908	60.50	7,050
Georgia:									
1936-1940.....	2,162	1,073	52,404	236	9.80	446	10,612	23.72	63,016
1941-1945.....	1,545	761	77,615	235	20.38	308	15,376	49.93	92,991
1946-1950.....	1,281	611	101,379	231	33.59	247	16,700	68.06	118,078
1948.....	1,289	751	116,828	279	31.10	303	20,150	66.50	136,978
1949.....	1,600	604	90,385	181	29.93	252	11,038	43.80	101,423
1950 ⁴	1,030	488	97,709	227	40.06	205	16,462	80.30	114,171
1951 ⁴	1,400	935	171,105	321	36.60	379	24,446	64.50	195,551
Louisiana:									
1936-1940.....	1,268	748	35,655	280	9.62	315	7,154	22.54	42,809
1941-1945.....	937	530	52,549	270	19.77	218	10,662	48.72	63,211
1946-1950.....	873	517	84,392	280	33.29	208	13,415	65.96	97,807
1948.....	950	756	118,013	382	31.24	302	20,143	66.70	138,156
1949.....	1,050	650	95,468	298	29.35	264	11,114	42.10	106,572
1950 ⁴	715	426	85,757	287	40.26	169	13,402	79.30	99,159
1951 ⁴	920	765	138,465	400	36.20	309	19,930	64.50	158,395
Mississippi:									
1936-1940.....	2,798	1,828	89,984	309	9.91	816	20,159	24.68	110,143
1941-1945.....	2,366	1,746	182,380	353	20.85	732	37,900	51.68	220,280
1946-1950.....	2,378	1,558	257,871	312	33.51	617	42,955	69.98	300,826
1948.....	2,560	2,353	365,627	441	31.08	912	62,381	68.40	428,008
1949.....	2,730	1,487	221,874	261	29.85	612	27,295	44.60	249,169
1950 ⁴	2,030	1,332	268,116	314	40.25	534	41,919	78.50	310,035
1951 ⁴	2,330	1,620	306,990	333	37.90	645	45,150	70.00	352,140

¹ Season average price; for 1951, to Dec. 31 only.

² Includes an allowance for unredeemed loans.

³ Based on 1946-50 average ratio of lint to cottonseed.

⁴ Revised on basis of 1950 Census results.

No. 753.—COTTON AND COTTONSEED—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1936 TO 1951—Continued

YEARLY AVERAGE OR YEAR	COTTON					COTTONSEED			Total farm value
	Acres harvested	Bales (500 pounds gross)	Farm value	Yield per acre	Farm price per pound ^{1,2}	Quantity	Farm value	Farm price per ton ¹	
	Thousands	Thousands	1,000 dollars	Pounds	Cents	1,000 short tons	1,000 dollars	Dollars	1,000 dollars
Missouri:									
1936-1940.....	422	375	17,365	433	9.39	167	3,639	22.05	6,944
1941-1945.....	373	356	34,708	456	19.85	151	7,018	46.71	14,726
1946-1950.....	476	388	56,854	369	31.72	158	10,075	66.90	66,929
1948.....	555	506	73,562	436	29.09	213	13,483	63.30	87,045
1949.....	583	462	65,335	378	28.30	201	8,100	240.30	73,435
1950 ⁴	435	254	50,046	278	39.47	110	8,448	276.80	58,494
1951 ⁴	490	320	60,640	312	37.90	3138	8,970	265.00	69,610
New Mexico:									
1936-1940.....	114	120	5,816	507	9.79	47	1,128	24.12	6,944
1941-1945.....	117	109	12,308	445	22.59	45	2,342	52.61	14,650
1946-1950.....	194	204	34,673	519	34.49	81	5,964	76.56	40,638
1948.....	209	236	38,048	542	32.21	95	6,650	70.00	44,698
1949.....	309	276	40,635	428	29.46	109	4,654	242.70	45,289
1950 ⁴	170	187	40,486	526	43.41	76	7,524	299.00	48,010
1951 ⁴	320	284	60,128	425	42.40	3114	9,006	279.00	69,134
North Carolina:									
1936-1940.....	897	592	29,488	315	9.94	244	5,936	24.31	35,424
1941-1945.....	758	603	60,705	380	20.30	246	11,920	48.51	72,625
1946-1950.....	689	443	70,897	304	33.22	182	11,693	67.52	82,590
1948.....	737	678	103,951	440	30.68	282	17,005	60.30	120,956
1949.....	860	466	67,980	259	29.16	197	8,313	242.20	76,293
1950 ⁴	580	181	37,158	149	41.04	75	6,225	283.00	43,383
1951 ⁴	690	550	103,125	382	37.50	3226	15,820	270.00	118,945
Oklahoma:									
1936-1940.....	1,977	591	24,978	147	8.74	256	5,304	21.72	30,282
1941-1945.....	1,502	546	47,950	174	17.96	228	10,769	48.11	58,719
1946-1950.....	1,052	364	54,814	162	31.04	150	10,183	78.96	64,996
1948.....	1,025	374	53,532	175	28.59	158	10,776	68.20	64,308
1949.....	1,300	610	84,726	225	27.80	246	10,430	242.40	95,156
1950 ⁴	795	242	46,483	145	38.50	98	8,879	290.60	55,362
1951 ⁴	1,450	450	80,775	149	35.90	3185	13,690	274.00	94,465
South Carolina:									
1936-1940.....	1,358	865	43,084	307	9.99	350	8,328	23.93	51,412
1941-1945.....	1,094	666	68,142	291	20.25	272	13,473	49.57	81,615
1946-1950.....	1,053	636	104,087	290	33.36	258	16,823	65.84	120,910
1948.....	1,120	871	132,677	372	30.48	359	22,204	62.10	154,971
1949.....	1,270	554	81,693	209	29.49	233	9,949	242.70	91,642
1950 ⁴	865	405	81,232	224	40.13	165	12,705	277.00	93,937
1951 ⁴	1,045	860	157,810	304	36.70	3360	23,975	268.50	181,785
Tennessee:									
1936-1940.....	778	508	23,769	313	9.49	205	4,882	24.16	28,651
1941-1945.....	673	548	53,333	389	19.59	210	10,287	49.22	63,621
1946-1950.....	710	550	88,550	370	32.83	217	14,714	70.12	103,264
1948.....	770	699	100,414	417	30.01	255	16,524	64.80	116,938
1949.....	830	633	92,035	365	29.10	261	11,119	242.80	103,154
1950 ⁴	630	409	82,020	310	40.18	165	13,299	80.60	95,328
1951 ⁴	775	540	103,140	333	38.20	3213	14,484	268.00	117,624
Texas:									
1936-1940.....	9,982	3,451	160,663	166	9.44	1,429	32,014	22.69	192,677
1941-1945.....	7,258	2,591	242,182	171	18.90	1,064	53,074	50.28	295,256
1946-1950.....	8,113	3,449	538,111	197	31.98	1,417	97,085	73.20	635,196
1948.....	8,613	3,153	466,697	176	29.60	1,306	94,163	72.10	560,860
1949.....	10,900	6,040	847,632	266	28.07	2,438	106,541	243.70	954,173
1950 ⁴	6,700	2,946	574,689	211	39.03	1,232	111,989	290.90	686,678
1951 ⁴	11,800	4,100	746,077	167	36.40	3,691	121,752	272.00	867,829
Virginia:									
1936-1940.....	45	25	1,231	264	9.62	10	256	24.30	1,487
1941-1945.....	31	26	2,549	401	19.85	11	522	48.45	3,071
1946-1950.....	24	17	2,624	329	33.05	7	454	70.66	3,078
1948.....	26	24	3,712	447	30.68	10	587	58.70	4,299
1949.....	32	20	2,938	305	28.98	9	385	242.80	3,323
1950 ⁴	18	4	932	120	41.43	2	185	292.70	1,117
1951 ⁴	21	16	3,000	365	37.50	37	483	269.00	3,483
Other States:									
1936-1940.....	23	19	819	383	8.98	8	172	22.95	991
1941-1945.....	18	17	1,608	451	19.50	7	316	47.68	1,923
1946-1950.....	16	12	1,872	354	31.90	5	319	68.34	2,190
1948.....	18	16	2,326	435	29.16	6	402	63.50	2,728
1949.....	19	15	2,119	363	28.59	6	250	242.20	2,369
1950 ⁴	13	7	1,366	246	39.44	3	207	275.10	1,573
1951 ⁴	17	10	1,902	286	37.30	34	275	255.70	2,177

¹ Season average price; for 1951, to Dec. 31 only.² Includes an allowance for unredeemed loans.³ Based on 1946-50 average ratio of lint to cottonseed.⁴ Revised on basis of 1950 Census results.Source: Department of Agriculture, Bureau of Agricultural Economics; annual reports on *Farm Production, Farm Disposition, and Value of Cotton and Cottonseed*.

No. 754.—COTTON (EXCLUDING LINTERS)—PRODUCTION, CONSUMPTION, EXPORTS, IMPORTS, PRICES, AND CARRY-OVER: 1916 TO 1951

[All figures, except average price, in thousands of bales. 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 1916, see 1949 and earlier editions of the *Statistical Abstract*]

YEARLY AVERAGE OR YEAR ENDING JULY 31	PRODUCTION		Average price per pound upland cotton (cents)	Con- sumption (running bales)	Exports of do- mestic cotton (running bales)	Imports (equiva- lent 500- pound bales)	Carry- over (running bales)
	Running bales, counting round as half bales	Equivalent 500-pound bales, gross weight					
1916-20.....	11,382	11,481	24.0	6,388	5,524	361	3,432
1921-25.....	10,958	11,985	21.4	5,869	6,083	318	2,971
1926-30.....	15,101	15,268	17.4	6,735	8,251	365	3,337
1931-35.....	13,046	13,343	8.9	5,465	7,244	115	7,833
1936-40.....	12,783	13,148	9.9	6,038	5,306	171	9,008
1941-45.....	11,640	11,957	17.3	10,301	1,372	185	11,074
1946-50.....	11,875	12,102	20.4	9,038	3,929	252	5,014
1943.....	12,438	12,820	19.0	11,100	1,480	168	10,657
1944.....	11,129	11,429	19.0	9,943	1,138	129	10,744
1945.....	11,839	12,230	20.7	9,568	2,007	190	11,164
1946.....	8,813	9,016	22.5	9,163	3,613	343	7,326
1947.....	8,517	8,639	32.6	10,025	3,544	270	2,530
1948.....	11,557	11,857	31.9	9,354	1,970	238	3,080
1949.....	14,680	14,868	30.4	7,795	4,747	163	5,287
1950.....	15,909	16,128	28.6	8,851	5,770	245	6,846
1951.....	9,908	10,012	40.1	10,654	4,117	188	2,278

Source: Department of Commerce, Bureau of the Census (except price per pound from Department of Agriculture, Bureau of Agricultural Economics); annual report, *Cotton Production and Distribution*.

No. 755.—COTTONSEED AND COTTONSEED PRODUCTS—PRODUCTION AND EXPORTS: 1881 TO 1951

[Cottonseed production relates to preceding crop year; other data relate to 12 months ending July 31. Tons are 2,000 pounds. For value of cottonseed products, 1881-1945, see 1949 *Statistical Abstract*. See also *Historical Statistics*, series J 175, for data on cottonseed oil production]

YEARLY AVERAGE OR YEAR ENDING JULY 31 OR JUNE 30—	COTTONSEED		COTTONSEED PRODUCTS					
	Pro- duc- tion	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 pounds	1,000 tons	Bales ¹	1,000 pounds	1,000 tons
1881-1890.....	3,018	553	165,810	193			34,038	
1891-1900.....	4,280	1,625	483,015	570	² 1,169	² 114,544	191,187	³ 388
1901-1905.....	5,139	3,085	890,745	1,130	1,382	167,327	297,888	548
1906-1910.....	5,268	3,296	990,450	1,339	1,195	282,064	311,463	578
1911-1915.....	6,353	4,847	1,466,940	2,162	1,527	595,225	290,311	551
1916-1920.....	5,116	4,285	1,302,050	2,041	1,093	943,474	172,877	301
1921-1925.....	4,878	3,646	1,125,196	1,654	1,082	578,384	106,371	258
1926-1930.....	6,784	5,319	1,631,597	2,409	1,495	1,117,754	48,762	328
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	19,650	1
1946-1950.....	4,883	4,296	1,363,440	1,928	1,001	1,576,300	54,855	50
1943.....	5,717	4,498	1,400,534	1,995	1,085	1,646,228	60,000	1
1944.....	4,680	3,955	1,235,829	1,834	927	1,412,340	8,061	1
1945.....	4,902	4,254	1,324,039	1,954	984	1,500,283	7,383	(⁴)
1946.....	3,663	3,262	1,017,546	1,434	783	1,191,553	5,878	(⁴)
1947.....	3,511	3,090	973,083	1,363	727	1,183,519	7,627	5
1948.....	4,683	4,082	1,275,603	1,898	923	1,523,829	32,588	9
1949.....	5,943	5,332	1,703,762	2,391	1,236	1,961,476	81,580	117
1950.....	6,614	5,712	1,847,205	2,555	1,338	2,021,123	146,600	121
1951.....	4,104	3,723	1,196,893	1,669	857	1,394,365	60,832	12

¹ Of 500 pounds net.

² Figures for 1900.

³ 6-year average, 1895-1900.

⁴ Less than 500 tons.

Source: Department of Commerce, Bureau of the Census; annual report, *Cotton Production and Distribution*.

No. 756.—COTTONSEED AND COTTONSEED PRODUCTS—PRODUCTION, BY STATES: 1951

[Cottonseed production relates to preceding crop year; other data relate to 12 months ending July 31. Tons are 2,000 pounds. Bales are 500 pounds net]

STATE	COTTONSEED		COTTONSEED PRODUCTS			
	Pro- duc- tion	Used in mills	Oil	Meal and cake	Hulls	Linters
	1,000 tons 4, 104	1,000 tons 3, 723	1,000 pounds 1, 196, 893	1,000 tons 1, 669	1,000 tons 857	Bales 1, 394, 365
Total						
Alabama.....	228	167	51, 317	77	40	60, 798
Arizona.....	191	187	64, 120	80	44	68, 344
Arkansas.....	449	326	104, 752	132	81	123, 597
California.....	402	397	132, 296	183	79	176, 512
Georgia.....	205	236	72, 130	109	53	98, 243
Louisiana.....	170	116	36, 613	51	28	40, 328
Mississippi.....	533	489	146, 246	203	98	173, 604
North Carolina.....	76	63	19, 448	30	13	27, 532
Oklahoma.....	97	94	30, 121	44	22	32, 466
South Carolina.....	165	97	29, 832	46	17	44, 711
Tennessee.....	165	290	93, 543	115	73	108, 703
Texas.....	1, 236	1, 196	386, 169	559	285	400, 310
All other States.....	187	95	30, 306	40	24	39, 217

Source: Department of Commerce, Bureau of the Census; annual reports, *Cotton Production and Cotton Production and Distribution*.

No. 757.—SWEETPOTATOES—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1940 TO 1951

[Pounds per bushel, 55. Prices are season average prices received by farmers. See also *Historical Statistics*, series E 228-230, for U. S. totals for acreage harvested, production, and price]

STATE	ACREAGE HAR- VESTED			YIELD PER ACRE			PRODUCTION			PRICE FOR CROP OF—		FARM VALUE	
	1940- 1949, aver- age	1950	1951 ¹	1940- 1949, aver- age	1950	1951 ¹	1940- 1949, aver- age	1950	1951 ¹	1950	1951 ¹	1950	1951 ¹
	1,000 acres 666	1,000 acres 492	1,000 acres 308	Bu. 92	Bu. 101	Bu. 92	1,000 bu. 61, 148	1,000 bu. 49, 825	1,000 bu. 28, 278	Cts. per bu. 173	Cts. per bu. 283	1,000 dol. 86, 097	1,000 dol. 79, 949
United States													
New Jersey.....	16	17	14	139	165	165	2, 185	2, 805	2, 310	163	260	4, 572	6, 006
Indiana.....	2	1	1	105	150	135	155	120	81	183	240	220	194
Illinois.....	3	2	1	86	105	110	249	158	132	148	270	234	356
Iowa.....	2	1	1	100	95	110	179	95	110	206	250	196	275
Missouri.....	8	3	3	94	125	110	714	350	275	221	270	774	742
Kansas.....	2	1	1	110	120	85	236	156	85	214	275	334	234
Delaware.....	2	1	1	120	160	150	183	112	105	188	220	211	231
Maryland.....	9	6	5	152	155	160	1, 368	946	800	175	220	1, 656	1, 760
Virginia.....	28	17	17	115	130	130	3, 255	2, 210	2, 210	167	235	3, 691	5, 194
North Carolina.....	68	62	40	107	110	94	7, 181	6, 820	3, 760	196	300	13, 367	11, 280
South Carolina.....	56	45	28	95	105	85	5, 292	4, 725	2, 380	177	290	8, 363	6, 902
Georgia.....	84	50	25	79	80	65	6, 551	4, 000	1, 625	196	300	7, 840	4, 875
Florida.....	17	9	8	67	65	68	1, 113	598	510	233	265	1, 393	1, 352
Kentucky.....	15	7	6	83	93	84	1, 228	651	462	209	260	1, 361	1, 201
Tennessee.....	33	18	11	97	98	90	3, 189	1, 764	990	190	290	3, 352	2, 871
Alabama.....	68	35	21	79	90	65	5, 376	3, 160	1, 365	214	270	6, 741	3, 686
Mississippi.....	57	36	22	91	95	60	5, 134	3, 420	1, 320	206	310	7, 045	4, 092
Arkansas.....	20	11	7	84	86	74	1, 669	946	518	208	285	1, 968	1, 476
Louisiana.....	98	107	64	89	102	100	8, 763	10, 914	6, 400	98	260	10, 696	16, 640
Oklahoma.....	9	5	3	66	83	75	589	415	225	212	320	880	720
Texas.....	60	46	21	90	85	65	5, 378	3, 910	1, 365	176	315	6, 882	4, 300
California.....	11	13	10	106	120	125	1, 161	1, 560	1, 250	277	445	4, 321	5, 562

¹ Preliminary.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual summaries *Acreage, Yield, and Production of Principal Crops and Season Average Prices and Value of Production*.

No. 758.—POTATOES—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1940 TO 1951

[Pounds per bushel, 60. Prices are season average prices received by farmers. See also *Historical Statistics, series E 225-227, for U. S. totals for acreage harvested, production, and price*]

DIVISION AND STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE FOR CROP OF—		FARM VALUE	
	1940- 49, avg.	1950	1951 ¹	1940- 49, avg.	1950	1951 ¹	1940-49, avg.	1950	1951 ¹	1950	1951 ¹	1950	1951 ¹
U. S.	1,000 acres 2,564	1,000 acres 1,696	1,000 acres 1,353	Bu. 164	Bu. 253	Bu. 241	1,000 bu. 410,203	1,000 bu. 429,896	1,000 bu. 325,708	Dols. per bu. 0.92	Dols. per bu. 1.53	1,000 dol. 392,526	1,000 dol. 497,367
N. E.:													
Maine.....	182	132	103	328	480	445	59,654	63,360	45,835	.77	1.60	48,787	73,336
N. H.....	6	4	4	177	275	250	1,102	1,210	975	1.28	1.90	1,549	1,852
Vt.....	10	5	4	148	225	180	1,430	1,215	738	1.32	1.85	1,604	1,365
Mass.....	19	11	8	170	245	230	3,214	2,622	1,886	1.23	1.75	3,225	3,300
R. I.....	6	4	4	206	275	265	1,263	1,210	1,060	1.23	1.70	1,488	1,802
Conn.....	17	9	8	205	305	285	3,440	2,867	2,252	1.24	1.90	3,555	4,279
M. A.:													
N. Y.....	176	110	102	183	313	274	32,145	34,390	27,900	.70	1.35	24,073	37,665
N. J.....	61	38	28	185	329	267	11,213	12,502	7,476	.82	1.07	10,252	7,999
Pa.....	140	83	69	142	240	235	19,176	19,920	16,215	.98	1.70	19,522	27,566
E. N. C.:													
Ohio.....	65	30	25	124	255	230	7,731	7,650	5,750	1.27	1.70	9,716	9,775
Ind.....	35	17	14	137	250	240	4,502	4,250	3,360	1.49	1.85	6,332	6,216
Ill.....	23	8	8	89	100	110	1,981	800	825	1.50	1.75	1,200	1,444
Mich.....	160	85	60	116	180	180	17,755	15,300	10,800	.98	1.80	14,994	19,440
Wis.....	132	67	53	103	200	185	12,708	13,400	9,805	1.13	1.50	15,142	14,708
W. N. C.:													
Minn.....	170	93	70	114	175	170	18,147	16,275	11,900	.92	1.50	14,973	17,850
Iowa.....	32	11	8	100	135	130	3,232	1,485	1,040	1.56	1.80	2,317	1,872
Mo.....	31	16	13	113	131	112	3,446	2,096	1,456	1.33	1.55	2,788	2,257
N. Dak.....	148	112	82	135	190	190	19,589	21,280	15,580	.80	1.60	17,024	24,928
S. Dak.....	29	14	11	84	150	150	2,435	2,100	1,650	1.23	1.75	2,583	2,888
Nebr.....	68	43	30	156	260	200	10,542	11,180	6,000	.56	1.35	6,224	8,100
Kans.....	19	8	5	96	108	80	1,824	896	368	1.20	1.40	1,075	515
S. A.:													
Del.....	4	3	4	93	177	200	342	584	700	1.18	1.15	689	805
Md.....	17	10	8	112	141	150	1,906	1,396	1,230	1.27	1.20	1,773	1,476
Va.....	68	44	37	133	181	186	8,998	7,964	6,882	.94	1.25	7,486	8,602
W. Va.....	28	17	15	105	105	105	2,942	1,785	1,575	1.55	1.85	2,767	2,914
N. C.....	80	62	49	117	167	141	9,295	10,354	6,909	.79	1.28	8,180	8,844
S. C.....	23	15	13	107	106	149	2,457	1,590	1,937	1.35	1.52	2,146	2,944
Ga.....	22	9	7	68	80	69	1,517	680	483	1.45	1.55	986	749
Fla.....	30	25	25	147	226	258	4,306	5,582	6,321	1.67	1.85	9,322	11,694
E. S. C.:													
Ky.....	39	22	20	90	91	98	3,546	2,002	1,960	1.01	1.30	2,022	2,548
Tenn.....	37	23	19	84	100	81	3,088	2,300	1,539	1.12	1.30	2,576	2,001
Ala.....	46	32	31	92	116	136	4,186	3,712	4,216	1.31	1.20	4,863	5,059
Miss.....	24	12	9	68	68	58	1,632	816	522	1.76	1.65	1,436	861
W. S. C.:													
Ark.....	38	20	14	83	87	79	3,100	1,740	1,106	1.33	1.60	2,314	1,770
La.....	40	14	12	59	63	62	2,346	882	744	1.57	1.65	1,385	1,228
Okla.....	23	9	7	68	91	81	1,540	774	526	1.19	1.80	921	947
Tex.....	50	27	19	93	89	116	4,648	2,403	2,204	1.53	1.90	3,677	4,188
Mt.:													
Mont.....	16	12	10	131	225	215	2,100	2,700	2,150	1.23	1.75	3,321	3,762
Idaho.....	154	164	134	243	300	280	37,379	49,200	37,520	.52	1.25	25,584	46,900
Wyo.....	13	8	7	171	240	185	2,219	1,800	1,202	1.10	1.75	1,980	2,104
Colo.....	77	56	45	226	325	255	17,313	18,200	11,475	1.04	1.75	18,928	20,081
N. Mex.....	4	1	1	81	140	120	283	196	144	1.35	1.60	265	230
Ariz.....	5	5	4	298	360	365	1,179	1,764	1,387	1.31	1.60	2,311	2,219
Utah.....	15	14	11	183	245	205	2,801	3,308	2,316	1.05	1.85	3,473	4,285
Nev.....	3	2	1	203	260	260	524	416	364	1.21	2.00	503	728
Pac.:													
Wash.....	38	31	29	244	380	400	9,254	11,780	11,600	1.08	1.35	12,722	15,660
Oreg.....	43	38	34	249	340	330	10,736	12,920	11,220	.93	1.65	12,016	18,513
Calif.....	96	122	81	355	386	427	34,039	47,040	34,605	1.10	1.65	50,457	57,098

¹ Preliminary.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual summaries, *Acreage, Yield, and Production of Principal Crops* and *Season Average Prices and Value of Production*.

NO. 759.—ALL HAY—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1940 TO 1951

[See also *Historical Statistics*, series E 211-216, for U. S. totals for acreage harvested, production, and price]

DIVISION AND STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE FOR CROP OF 1—		FARM VALUE	
	1940-49, avg.	1950	1951 ¹	1940-49, avg.	1950	1951 ²	1940-49, avg.	1950	1951 ²	1950	1951 ²	1950	1951 ²
	1,000 acres	1,000 acres	1,000 acres	Tons ³	Tons ³	Tons ³	1,000 tons ³	1,000 tons ³	1,000 tons ³	Dols. per ton	Dols. per ton	1,000 dol.	1,000 dol.
U. S.	74,845	74,250	74,608	1.36	1.38	1.45	101,644	102,340	108,351	21.40	22.50	2,185,766	2,432,894
N. E.:													
Maine	893	724	708	.96	.91	1.12	856	661	796	29.00	28.50	19,169	22,686
N. H.	374	309	310	1.15	1.18	1.30	430	364	403	33.20	30.50	12,085	12,292
Vt.	1,015	927	917	1.39	1.28	1.46	1,417	1,191	1,341	31.80	28.00	37,874	37,548
Mass.	375	333	331	1.57	1.51	1.63	588	504	540	37.50	35.50	18,900	19,170
R. I.	36	28	29	1.38	1.57	1.69	50	44	49	37.00	34.50	1,628	1,690
Conn.	296	258	260	1.55	1.44	1.73	457	423	449	38.60	36.50	16,328	16,388
M. A.:													
N. Y.	3,945	3,365	3,297	1.49	1.60	1.72	5,864	5,378	5,678	22.50	21.00	121,005	119,238
N. J.	261	246	257	1.63	1.82	1.82	426	447	467	33.10	32.50	14,796	15,178
Pa.	2,445	2,276	2,303	1.45	1.48	1.63	3,542	3,361	3,530	25.70	25.50	86,378	90,015
E. N. C.:													
Ohio	2,556	2,546	2,578	1.46	1.45	1.52	3,722	3,701	3,916	23.80	23.50	88,084	92,026
Ind.	1,861	1,867	1,839	1.36	1.41	1.45	2,534	2,638	2,674	20.60	21.00	54,343	56,154
Ill.	2,765	2,821	2,801	1.45	1.61	1.68	3,987	4,548	4,705	21.30	21.00	96,872	98,805
Mich.	2,727	2,515	2,521	1.38	1.39	1.54	3,768	3,495	3,832	20.30	20.00	70,948	77,640
Wis.	4,081	3,947	4,041	1.69	1.69	2.20	6,884	6,552	8,883	22.10	17.00	147,009	161,011
W. N. C.:													
Minn.	4,266	3,985	3,770	1.47	1.42	1.84	6,277	5,669	6,921	18.90	15.50	107,144	107,276
Iowa	3,456	3,738	3,922	1.58	1.73	1.77	5,474	6,472	6,961	16.60	16.00	107,435	111,376
Mo.	3,673	3,632	3,843	1.19	1.28	1.29	4,387	4,648	4,961	17.90	20.00	83,199	99,220
N. Dak.	3,194	3,605	3,481	.96	.91	.91	3,074	3,270	3,163	14.50	15.50	47,415	49,026
S. Dak.	3,468	4,738	4,728	.84	.70	.96	2,903	3,303	4,517	16.90	16.00	55,821	72,272
Nebr.	3,944	5,000	5,276	1.03	1.11	1.18	4,090	5,556	6,234	14.40	18.00	80,006	112,212
Kans.	1,745	2,028	2,134	1.59	1.64	1.62	2,792	3,316	3,467	18.20	23.00	60,351	79,741
S. A.:													
Del.	74	69	69	1.31	1.43	1.45	97	99	100	24.90	24.50	2,465	2,450
Md.	448	439	450	1.32	1.40	1.52	594	615	633	25.70	26.00	15,806	17,758
Va.	1,368	1,331	1,389	1.16	1.23	1.18	1,588	1,637	1,641	29.70	32.00	48,619	52,512
W. Va.	805	805	818	1.22	1.26	1.28	986	1,011	1,048	25.60	28.50	25,882	29,868
N. C.	1,238	1,173	1,214	1.01	1.06	1.01	1,251	1,249	1,225	28.80	30.50	35,971	37,362
S. C.	573	425	456	.80	.81	.81	454	344	371	32.10	33.50	11,042	12,428
Ga.	1,387	969	991	.55	.61	.62	752	593	610	22.50	26.50	13,342	16,165
Fla.	118	86	85	.55	.65	.71	64	56	60	18.50	24.00	1,036	1,440
E. S. C.:													
Ky.	1,778	1,864	1,913	1.30	1.30	1.19	2,334	2,426	2,277	25.00	27.50	60,650	62,618
Tenn.	1,876	1,563	1,602	1.18	1.26	1.05	2,211	1,963	1,685	25.50	29.50	50,056	49,708
Ala.	1,011	766	697	.75	.84	.80	750	641	556	24.00	30.00	15,384	16,680
Miss.	884	778	724	1.23	1.30	1.07	1,088	1,009	774	25.70	28.50	25,931	22,059
W. S. C.:													
Ark.	1,393	1,139	1,137	1.16	1.16	1.14	1,613	1,319	1,294	21.90	24.00	28,886	31,056
La.	332	289	296	1.23	1.36	1.16	409	394	342	24.40	27.00	9,614	9,234
Okl.	1,337	1,369	1,493	1.26	1.34	1.20	1,677	1,840	1,799	18.00	25.00	33,120	44,975
Tex.	1,492	1,282	1,336	.97	1.11	1.01	1,437	1,418	1,346	21.70	31.00	30,771	41,726
Mt.:													
Mont.	2,191	2,396	2,219	1.19	1.11	1.06	2,612	2,651	2,363	24.20	28.50	64,154	67,346
Idaho	1,151	1,080	1,066	2.10	2.15	2.14	2,419	2,326	2,231	19.70	27.00	45,822	61,587
Wyo.	1,105	1,111	1,117	1.14	1.00	1.12	1,262	1,108	1,255	23.60	25.00	26,149	31,375
Colo.	1,417	1,316	1,303	1.58	1.50	1.56	2,238	1,977	2,036	26.30	32.00	53,972	65,152
N. Mex.	219	195	200	2.15	2.09	2.09	477	408	418	25.90	37.50	10,567	15,675
Ariz.	274	252	251	2.28	2.56	2.53	624	648	634	21.00	33.00	13,566	20,922
Utah	571	534	508	2.04	1.91	2.01	1,165	1,020	1,023	22.20	26.50	22,644	27,110
Nev.	424	390	387	1.47	1.49	1.51	622	582	585	20.50	25.50	11,989	14,918
Pac.:													
Wash.	909	790	796	1.96	1.85	1.80	1,778	1,460	1,431	26.10	27.00	38,106	38,637
Oreg.	1,107	1,026	1,001	1.74	1.64	1.65	1,927	1,681	1,551	25.00	26.50	42,025	41,102
Calif.	1,988	1,925	1,744	2.87	3.23	3.11	6,704	6,226	5,426	19.50	29.50	121,407	160,067

¹ Price of hay sold baled.² Preliminary.³ Tons of 2,000 pounds.Source: Department of Agriculture, Bureau of Agricultural Economics; annual summaries, *Acreage, Yield, and Production of Principal Crops and Season Average Prices and Value of Production*.

No. 760.—TRUCK CROPS, COMMERCIAL—ACREAGE, PRODUCTION, AND VALUE, BY KIND, 1940 TO 1951, AND LEADING STATES, 1951

[Production in equivalent tons of 2,000 pounds. Estimates relate to commercial production for fresh market and processing combined, truck crops produced in strictly market-garden areas and in farm gardens excluded. Values based on season average prices received by growers]

CROP	ACREAGE 1			PRODUCTION (EQUIVALENT TONS)					VALUE (1,000 DOLLARS)	
	1940-49, average	1950	1951	1951, leading States	1940-49, average	1950	1951	1951, leading States	1940-49, average	1951
Artichokes	8,060	7,000	7,400	Calif.	15,200	14,000	12,600	Calif.	2,202	2,720
Asparagus	127,330	133,110	134,440	Calif., N. J.	154,000	167,800	165,600	Calif., N. J.	27,206	38,110
Beans, green, lima	388,090	107,800	118,560	Calif., Del.	3,67,800	3,101,500	3,103,900	Calif., N. J.	13,543	16,227
Beans, snap	28,980	283,870	280,110	Fla., N. Y.	3,457,800	3,507,100	3,532,500	Calif., N. Y.	53,350	69,376
Beets	77,040	123,930	123,180	Wis., Tex.	3,184,300	3,227,400	3,180,200	Wis., N. Y.	4,087	5,604
Cabbage ¹	127,040	194,330	155,950	N. Y., Fla.	3,140,400	3,170,300	3,136,800	N. Y., Fla.	3,861	5,133
Caulicrops	108,330	123,110	110,350	Calif., Ariz.	3,274,900	3,490,200	3,490,200	Calif., Ariz.	32,016	41,169
Carrots ¹	72,360	76,870	66,820	Calif., Tex.	3,615,000	3,695,300	3,654,500	Calif., Ariz.	29,443	40,556
Cauliflower	34,300	34,700	32,200	Calif., N. Y.	3,193,100	3,239,800	3,239,800	Calif., N. Y.	33,419	35,267
Celery	41,380	35,730	36,810	Calif., Fla.	3,044,300	3,880,100	3,880,600	Calif., Fla.	13,803	15,843
Corn, sweet ²	525,970	402,730	495,030	Wis., Minn.	3,195,600	3,199,600	3,142,300	Wis., Minn.	43,916	53,749
Cucumbers	169,120	162,340	191,040	Mich., N. C.	3,241,500	3,424,400	3,451,000	Mich., N. J.	27,420	25,999
Eggplant	3,450	5,300	4,550	Fla., N. J.	3,21,100	3,22,800	3,20,500	Fla., N. J.	21,307	33,397
Escarole	2,140	3,600	3,100	Calif., N. J.	3,13,300	3,23,400	3,25,700	Calif., N. J.	1,781	1,994
Garlic	3,740	1,650	5,100	Calif., La.	8,200	9,300	7,200	Calif., La.	893	1,414
Honeyball melons	1,870	1,000	300	Calif.	5,000	4,000	900	Calif.	1,610	1,583
Honeydew melons	13,140	8,800	10,000	Calif., Ariz.	5,000	4,000	59,000	Calif., Ariz.	5,602	400
Kale	1,740	2,100	2,200	Va.	5,000	7,600	7,700	Va.	5,403	6,777
Lettuce	173,250	224,680	202,070	Calif., Ariz.	3,1,003,300	3,1,293,700	3,1,235,000	Calif., Ariz.	70,252	90,881
Mint for oil ³	52,190	60,000	56,200	Ind., Mich.	82.3	103.1	100.0	Ind., Oreg.	3,462	10,160
Onions ⁴	130,380	134,210	101,750	Tex., N. Y.	3,047,900	3,136,300	3,075,900	N. Y., Calif.	43,272	38,380
Peas, green	473,090	441,700	466,510	Wis., Wash.	3,748,700	7,474,200	7,541,200	Wis., Wash.	41,563	49,909
Peppers, green	27,750	37,400	34,700	Fla., N. J.	3,76,800	3,110,000	3,105,600	Fla., N. J.	10,820	13,801
Pimientos ⁵	12,890	32,000	18,000	Ga.	12,000	45,000	15,300	Ga.	1,753	3,157
Potatoes, com'l early	336,880	267,000	203,600	Calif., N. J.	1,867,600	3,217,000	3,1,637,200	Calif., N. J.	83,581	74,157
Shallots	4,730	4,500	5,000	La.	5,000	5,700	6,500	La.	757	1,022
Spinach	99,480	78,770	77,200	Tex., Calif.	3,907,000	3,169,100	3,206,200	Calif., Tex.	14,440	15,067
Strawberries	121,400	139,300	159,850	La., Ark.	3,159,600	3,093,300	3,293,300	Calif., Mich.	49,978	85,363
Tomatoes	737,480	501,670	683,800	Calif., Tex.	3,3,653,700	3,3,582,000	3,5,472,600	Calif., Ind.	147,407	173,318
Watermelons	249,690	290,270	270,070	Tex., Fla.	3,3,880,700	3,1,029,300	3,1,044,200	Fla., Ga.	21,698	24,420

¹ Acreage 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.² Processing production shelled basis plus fresh market production in the shell. Equivalent shelled production, 1940-49 average, 56,650 tons; 1950, 91,000 tons; 1951, 101,750 tons.³ Includes some quantities not marketed and excluded in computing value.⁴ Includes quantities for dehydration.⁵ Mainly for canning, but includes fresh market crop in New Jersey, New York, and Pennsylvania.⁶ Peppermint and spearmint.⁷ Processing production shelled basis plus fresh market production in the shell. Equivalent shelled production: 1940-49 average, 436,980 tons; 1950, 449,240 tons; 1951, 522,060 tons.⁸ Georgia only.Source: Department of Agriculture, Bureau of Agricultural Economics; annual report, *Agricultural Statistics*. Published in part in *Crops and Markets*.

No. 761.—FRUITS—PRODUCTION AND PRICE RECEIVED BY FARMERS: 1940 TO 1951

[See also *Historical Statistics*, series E 231-243]

CROP	UNIT	PRODUCTION (1,000) ¹				PRICE PER UNIT ²		
		1940-49, avg.	1949	1950	1951 ³	1949	1950	1951 ³
Apples ⁴	Bu. (48 lbs.)	109,033	133,742	123,126	112,935	\$1.38	\$1.59	\$1.77
Peaches	do	71,150	74,818	53,485	70,265	1.54	2.11	2.05
Pears	Bu. ⁵	31,008	36,404	31,140	32,687	1.22	2.12	2.31
Grapes	Ton	2,797	2,650	2,707	3,281	36.90	69.00	40.40
Cherries (12 States)	do	186	250	242	236	171.00	167.00	189.00
Plums (2 States)	do	33	96	83	102	102.00	174.00	143.00
Prunes (fresh basis) ⁶	do	587	537	418	548	60.80	99.30	66.60
Oranges and tangerines ⁷	Box ⁸	102,986	108,465	121,610	122,325	2.22	1.96	1.43
Grapefruit	do ⁹	50,852	36,500	46,580	40,690	1.82	1.09	.96
Lemons	do ¹⁰	12,993	11,360	13,400	12,900	3.59	2.83	2.95

¹ Includes some quantities not harvested on account of economic conditions or scarcity of harvest labor or donated to charity.

² Season average prices, except citrus fruit prices, which are equivalent packing-house-door returns for all methods of sale. ³ Preliminary.

⁴ Estimates refer to production of apples in commercial apple areas of each State and include fruit produced for sale to commercial processors, as well as that for sale for fresh consumption.

⁵ California, 48 pounds; other States, 50 pounds.

⁶ Fresh basis for California derived by multiplying dry basis estimate by 2½.

⁷ Data for 5 States; 7 States prior to 1942. See also table 741, p. 619.

⁸ Net content of box varies. In California and Arizona approximate average is 77 pounds; in Florida and other States, 90 pounds.

⁹ In California and Arizona approximate average is 65 pounds net; in Florida and other States, 80 pounds net.

¹⁰ About 79 pounds net.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual summaries, *Acreage, Yield, and Production of Principal Crops and Season Average Prices and Value of Production*.

No. 762.—APPLES, PEACHES, PEARS, AND GRAPES—PRODUCTION, BY STATES

[See also *Historical Statistics*, series E 232, 234, 236, and 238, for U. S. totals]

STATE	APPLES (1,000 BU.) ^{1,2}			PEACHES (1,000 BU.) ²			PEARS (1,000 BU.) ²			GRAPES (TONS) ²		
	1940-1949, avg.	1950	1951 ³	1940-1949, avg.	1950	1951 ³	1940-1949, avg.	1950	1951 ³	1940-1949, avg.	1950	1951 ³
U. S.	109,033	123,126	112,935	71,150	53,485	70,265	31,008	31,140	32,687	2,797,000	2,707,400	3,280,900
Mass.	2,537	3,825	3,516	58	16	87	48	78	71			
Conn.	1,206	1,406	1,568	132	104	156	50	56	49			
N. Y.	14,007	18,700	18,095	1,285	1,023	1,312	850	1,066	1,024	53,720	104,000	62,400
N. J.	2,455	2,520	3,200	1,498	1,810	2,116				2,160	2,500	2,100
Pa.	7,168	6,930	8,200	2,029	2,194	2,352	342	359	358	16,100	32,900	17,700
Ohio	3,598	3,534	4,400	878	927	1,044	274	205	234	14,900	22,400	19,400
Ind.	1,292	1,020	1,434	490	298	72	164	134	159	2,290	2,300	1,700
Ill.	3,117	2,852	3,740	1,570	1,113	182	379	244	306	3,250	3,800	2,900
Mich.	6,850	7,020	9,085	3,607	4,800	728	774	812	1,035	33,360	44,900	9,000
Iowa	144	126	198							3,110	3,300	3,100
Mo.	1,213	1,020	1,280	752	950	602	218	135	132	4,490	4,600	3,600
Kans.	579	390	837	79	117	130	101	102	106	2,250	2,200	2,000
Del.	626	525	554	370	225	385						
Md.	1,441	1,352	1,200	563	563	722						
Va.	9,331	12,580	10,064	1,572	837	1,950	297	121	292	1,840	2,200	2,200
W. Va.	3,779	4,260	3,654	539	557	607	93	76	100	1,380	1,800	1,500
N. C.	893	1,296	825	2,158	548	3,024	266	150	297	5,130	5,500	5,700
S. C.				3,799	468	6,474	122	65	133	1,080	1,000	1,000
Ga.				4,790	975	4,725	375	234	355	2,200	2,800	2,800
Ky.	290	290	304	656	179	88	160	42	68			
Tenn.	360	430	280	804	108	134	178	40	52			
Ala.				1,309	440	644	302	180	195			
Miss.				815	286	416	341	221	198			
Ark.				2,206	1,980	1,296	186	188	159	9,720	12,400	12,400
Tex.	618	408	510	1,777	783	1,189	385	270	312			
Idaho	1,782	1,360	1,701	315	41	340	61	36	50			
Colo.	1,511	903	1,292	1,954	1,219	312	190	160	190			
Wash.	28,469	35,532	20,034	2,357	135	810	7,153	5,703	5,874	17,510	23,000	20,200
Oreg.	2,788	2,940	2,242	657	325	528	4,789	5,767	5,020	1,620	1,500	1,700
Calif.	7,960	6,748	8,625	30,169	29,668	35,670	11,993	14,168	15,335	2,608,100	2,433,000	3,107,000
Other	5,019	5,159	6,097	1,036	796	2,170	725	528	583	1,020	1,300	2,500

¹ See note 4, table 761. ² See note 1, table 761. ³ Preliminary.

⁴ U. S. average includes estimated production for certain States from 1940 to 1946. Estimates for those States discontinued beginning with 1947 crop.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual summaries, *Acreage, Yield, and Production of Principal Crops and Season Average Prices and Value of Production*.

No. 763.—SUGAR BEETS—ACREAGE, PRODUCTION, PRICES RECEIVED BY FARMERS, AND VALUE, 1901 TO 1951, AND BY STATES, 1948 TO 1951

[Prior to 1924 acreage and production include a small quantity produced in Canada for U. S. factories. U. S. totals include data for a few States not shown separately]

YEARLY AVERAGE OR YEAR AND STATE	Acres harvested (thousands)	Tons per acre	Production (1,000 tons)	Price per ton (dollars) ¹	Farm value (1,000 dollars)	YEAR AND STATE	Acres harvested (thousands)	Tons per acre	Production (1,000 tons)	Price per ton (dollars) ¹	Farm value (1,000 dollars)
United States:						Idaho:					
1901-1905.....	228	9.22	12,079	4.89	10,166	1948.....	80	15.4	1,233	10.30	12,700
1906-1910.....	386	10.13	13,910	5.18	320,254	1949.....	60	17.8	1,067	10.20	10,883
1911-1915.....	541	10.66	15,738	6.63	32,318	1950.....	87	17.3	1,508	10.80	16,286
1916-1920.....	700	9.49	6,623	9.55	63,314	1951.....	67	18.7	1,253	(⁴)	(⁴)
1921-1925.....	693	10.06	6,972	7.46	52,040	Michigan:					
1926-1930.....	701	11.01	7,718	7.32	56,480	1948.....	52	8.8	458	13.50	6,183
1931-1935.....	799	10.87	8,686	5.42	47,119	1949.....	77	9.6	743	11.60	8,619
1936-1940.....	857	12.20	10,452	5.13	53,569	1950.....	98	10.4	1,020	11.70	11,934
1941-1945.....	705	12.46	8,783	8.26	72,872	1951.....	54	10.9	589	(⁴)	(⁴)
1946-1950.....	798	14.09	11,244	11.15	125,408	Montana:					
1938.....	925	12.4	11,497	4.65	53,478	1948.....	55	12.2	672	10.30	6,922
1939.....	918	11.7	10,781	4.76	51,342	1949.....	59	11.8	697	10.50	7,318
1940.....	912	13.4	12,194	5.11	62,287	1950.....	62	12.0	744	11.50	8,556
1941.....	755	13.7	10,342	6.43	66,522	1951.....	45	12.1	544	(⁴)	(⁴)
1942.....	954	12.2	11,685	6.84	79,905	Nebraska:					
1943.....	550	11.9	6,547	8.81	57,874	1948.....	42	11.8	496	9.20	4,563
1944.....	555	12.1	6,715	10.60	71,122	1949.....	38	14.7	559	10.50	5,870
1945.....	713	12.1	8,626	10.20	87,636	1950.....	59	13.8	812	11.80	9,582
1946.....	802	13.2	10,562	11.10	117,627	1951.....	55	12.4	682	(⁴)	(⁴)
1947.....	881	14.2	12,503	11.80	148,088	Ohio:					
1948.....	694	13.6	9,424	10.60	99,653	1948.....	13	12.4	161	12.30	1,980
1949.....	687	14.8	10,197	10.80	110,380	1949.....	24	10.5	252	11.40	2,873
1950.....	925	14.6	13,535	11.20	151,293	1950.....	22	12.6	277	11.50	3,186
1951.....	702	15.1	10,584	11.40	120,658	1951.....	13	9.7	126	(⁴)	(⁴)
California:						Utah:					
1948.....	172	16.4	2,819	11.00	31,009	1948.....	35	12.2	427	10.30	4,398
1949.....	134	18.8	2,519	11.00	27,709	1949.....	28	16.6	466	10.40	4,846
1950.....	209	18.8	3,927	10.70	42,019	1950.....	38	14.1	535	11.30	6,046
1951.....	140	19.0	2,660	(⁴)	(⁴)	1951.....	26	15.9	413	(⁴)	(⁴)
Colorado:						Wyoming:					
1948.....	103	13.3	1,370	9.80	13,426	1948.....	27	11.5	310	9.60	2,976
1949.....	117	16.1	1,878	10.90	20,470	1949.....	28	14.5	406	10.40	4,222
1950.....	146	15.0	2,183	12.00	26,196	1950.....	36	12.6	454	11.40	5,176
1951.....	125	15.2	1,900	(⁴)	(⁴)	1951.....	32	13.9	445	(⁴)	(⁴)

¹ Season average price.

² Beets used by factories 1901 to 1912.

³ 4-year average.

⁴ Not available.

No. 764.—SUGARCANE SIRUP—PRODUCTION, 1940 TO 1951, AND BY STATES, 1949, 1950, AND 1951

[Excludes sorghum, sometimes confused with sugarcane. For molasses, a byproduct of sugar refineries not included in this table, see table 765]

STATE AND YEAR	Cane harvested for sirup	Sirup produced	STATE AND YEAR	Cane harvested for sirup	Sirup produced
All States:	Acres	1,000 gallons	Florida:	Acres	1,000 gallons
1940.....	100,000	13,360	1949.....	9,000	1,620
1941.....	110,000	18,638	1950.....	7,000	980
1942.....	113,000	18,416	1951.....	6,000	960
1943.....	126,000	21,027	Alabama:		
1944.....	118,000	19,897	1949.....	14,000	1,820
1945.....	133,000	28,711	1950.....	10,000	1,160
1946.....	120,000	24,450	1951.....	6,000	480
1947.....	112,000	20,270	Mississippi:		
1948.....	79,000	13,390	1949.....	14,000	2,020
1949.....	70,000	11,920	1950.....	8,000	1,040
1950.....	49,000	9,230	1951.....	4,000	360
1951.....	30,000	5,140	Louisiana:		
South Carolina:			1949.....	11,000	2,750
1949.....	2,000	230	1950.....	12,000	3,960
Georgia:			1951.....	6,000	1,980
1949.....	18,000	3,150	Texas:		
1950.....	12,000	2,100	1949.....	2,000	320
1951.....	8,000	1,360			

Source of tables 763 and 764: Department of Agriculture, Bureau of Agricultural Economics; annual summaries, *Acreage, Yield, and Production of Principal Crops and Season Average Prices and Value of Production*.

No. 765.—SUGARCANE, CANE SUGAR, AND MOLASSES—PRODUCTION IN CONTINENTAL UNITED STATES: 1923 TO 1950

[Tons are of 2,000 pounds. Data include Louisiana for all years, Florida beginning 1928, and Texas for 1923]

YEAR	Total acreage harvested for sugar and seed	Average yield of cane per acre for sugar and seed ¹	Total production for sugar and seed	Season average price per ton received by farmers	Farm value of cane used for sugar and seed	SUGAR PRODUCED		Raw sugar 96° made per ton of cane	MOLASSES MADE	
						Converted to 96° raw basis ²	Equivalent refined ³		Black-strap	Total ⁴
	1,000 acres	Tons	1,000 tons	Dollars	1,000 dollars	1,000 tons	1,000 tons	Pounds	1,000 gallons	1,000 gallons
1923.....	288.8	11.1	3,216	7.09	22,801	168	157	138	8,429	15,979
1924.....	251.0	7.6	1,900	5.58	10,602	90	84	147	3,336	9,590
1925.....	236.0	14.0	3,293	4.05	13,337	142	133	107	12,171	17,783
1926.....	161.0	6.8	1,088	4.92	5,353	48	45	111	2,745	6,614
1927.....	89.0	13.1	1,168	4.61	5,384	72	67	150	2,682	6,624
1928.....	146.8	14.4	2,115	3.85	8,153	136	127	145	5,817	13,669
1929.....	165.3	16.3	3,350	3.73	12,500	218	205	140	15,862	21,063
1930.....	203.5	15.5	3,153	3.31	10,430	215	201	143	14,234	19,089
1931.....	199.4	13.9	2,763	3.21	8,874	184	172	146	11,296	16,464
1932.....	241.9	14.9	3,599	2.98	10,741	265	248	160	13,472	18,934
1933.....	233.8	14.4	3,375	3.18	10,727	250	234	163	14,140	19,441
1934.....	262.6	14.5	3,802	2.33	8,854	267	249	157	15,686	21,198
1935.....	275.4	18.0	4,954	3.15	15,589	383	358	168	23,380	28,906
1936.....	264.2	22.2	5,860	3.67	21,490	437	409	161	31,061	36,289
1937.....	307.2	20.7	6,367	2.90	18,488	462	432	157	33,531	37,411
1938.....	312.9	22.9	7,157	2.70	19,292	583	545	173	40,506	44,388
1939.....	276.9	22.5	6,244	2.84	17,759	504	471	174	31,716	36,607
1940.....	269.7	15.6	4,218	2.88	11,529	332	311	175	21,476	24,182
1941.....	288.7	19.0	5,471	3.95	21,906	419	392	171	26,052	31,452
1942.....	316.9	18.4	5,840	4.40	25,663	460	430	170	26,601	34,393
1943.....	305.9	21.2	6,485	4.57	29,938	498	466	164	33,184	43,874
1944.....	294.3	20.8	6,128	4.94	30,277	437	409	153	34,116	41,038
1945.....	290.4	23.1	6,718	⁵ 5.67	38,078	475	444	151	32,165	47,346
1946.....	310.8	19.2	5,967	⁵ 6.62	39,513	425	397	154	26,404	39,993
1947.....	321.2	16.5	5,297	⁵ 7.17	37,974	376	351	155	27,076	32,222
1948.....	334.6	20.3	6,778	⁵ 5.76	39,094	477	446	152	40,416	44,432
1949.....	338.8	19.3	6,544	⁵ 6.25	40,887	521	487	170	40,021	43,335
1950 (prel.).....	336.5	20.6	6,932	⁵ 7.83	54,107	564	527	174	43,074	48,309

¹ Growth of 9 months in Louisiana and 12 months in Florida. Sugar campaign usually not ended before February in Louisiana and April in Florida, following season of growth of cane.

² Calculated by the Agricultural Adjustment Administration method. (S. R. Series 1, No. 1.)

³ Based on the ratio of 100 pounds of raw sugar to 93.46 pounds of refined sugar.

⁴ Not including sirup production. See table 764.

⁵ Includes price support payments of \$1.45 per ton in 1945. Excludes Government payments under Sugar Act of \$1.10 per ton in 1945, \$1.15 in 1946, \$1.17 in 1947, \$1.10 in 1948, \$1.13 in 1949, and approximately \$1.20 in 1950.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual report, *Agricultural Statistics*. Also published in *The World Sugar Situation*.

No. 766.—SUGARCANE AND CANE SUGAR—PRODUCTION IN HAWAII: 1939 TO 1950

[Tons are of 2,000 pounds]

YEAR BEGINNING JAN. 1—	Total acres in cane	CANE USED FOR SUGAR			SUGAR MADE (1,000 TONS)		Raw sugar 96° made per ton of cane (pounds)	Recovery of equivalent refined sugar from cane ground ⁴ (percent)
		Acres harvested	Production (1,000 tons)	Yield per acre (tons) ¹	Converted to 96° raw basis ²	Equivalent refined ³		
1939.....	235,227	138,440	8,610	62	994	929	231	10.79
1940.....	235,110	136,417	8,557	63	977	913	228	10.67
1941.....	238,111	130,768	8,560	65	947	885	221	10.34
1942.....	225,199	114,745	7,918	69	870	813	220	10.27
1943.....	220,928	113,754	8,185	72	886	828	216	10.11
1944.....	216,072	109,522	7,832	72	875	818	223	10.44
1945.....	211,331	103,173	7,371	71	821	767	223	10.41
1946.....	208,376	84,379	6,002	71	680	636	227	10.59
1947.....	211,624	113,020	7,942	70	872	815	220	10.26
1948.....	206,550	100,042	7,543	75	835	780	221	10.35
1949.....	213,354	108,794	8,046	74	956	893	238	11.10
1950.....	220,383	109,405	8,175	75	960	897	235	10.97

¹ Age of cane equals 18 to 22 months of growth.

² See note 2, table 765.

³ One ton of raw sugar 96° test is assumed to be equivalent to .9346 ton of refined.

⁴ Based on tonnage of cane used.

Source: Data collected by Department of Agriculture, Bureau of Agricultural Economics, through the Hawaiian Sugar Planters' Association. Published in annual report, *Agricultural Statistics*, and in *The World Sugar Situation*.

No. 767.—CANE SUGAR—PRODUCTION IN PUERTO RICO: 1940 TO 1950

YEAR ¹	ACREAGE IN CANE		SUGARCANE HARVESTED		96° SUGAR PRODUCED		Blackstrap molasses produced
	Grown	Harvested	Total	Per acre	Total	Per ton of cane	
	1,000 acres	1,000 acres	1,000 tons	Tons	1,000 tons	Pounds	1,000 gallons
1940	303	253	8,976	35.5	1,019	227	44,156
1941	337	236	7,745	32.8	933	241	40,276
1942	338	308	10,010	32.5	1,148	229	51,400
1943	319	310	8,667	27.9	1,038	240	40,200
1944	313	280	5,600	20.0	723	258	28,200
1945	336	289	7,998	27.7	964	241	40,400
1946	352	303	7,539	24.9	909	241	38,400
1947	365	325	9,286	28.6	1,088	234	50,800
1948	369	336	9,541	28.4	1,108	232	54,823
1949	376	353	10,998	31.2	1,277	232	59,275
1950 (prel.) ²	375	350	10,615	30.3	1,286	242	49,522

¹ Harvesting season usually begins in January and extends through June.² Production of raw sugar for season beginning Jan. 1951 estimated at 1,275,000 tons.

Source: Department of Agriculture, Bureau of Agricultural Economics; compiled from data of Sugar Branch, Production and Marketing Administration, and Association of Sugar Producers of Puerto Rico; annual report, *Agricultural Statistics*. Also published in *The World Sugar Situation*.

No. 768.—MAPLE SIRUP AND SUGAR—PRODUCTION, 1859 TO 1951, AND BY STATES, 1949, 1950, AND 1951

STATE AND YEAR	Trees tapped	Sugar made	Sirup made	Total product in terms of sugar ¹	STATE AND YEAR	Trees tapped	Sugar made	Sirup made	Total product in terms of sugar ¹
BUREAU OF THE CENSUS					DEPARTMENT OF AGRICULTURE—con.				
United States:	Thou-	1,000	1,000	1,000	New Hampshire:	Thou-	1,000	1,000	1,000
1859	sands	pounds	gallons	pounds	1949	sands	pounds	gallons	pounds
1860	40,120	1,598	52,901	52,901	1950	219	11	41	339
1879	28,444	921	35,812	35,812	1951	281	22	64	534
1879	36,576	1,796	50,944	50,944	1951	261	14	57	470
1889	32,953	2,258	61,020	61,020	Vermont:				
1899	11,929	2,057	28,382	28,382	1949	3,191	195	554	4,927
1909	14,024	4,106	46,912	46,912	1950	3,465	103	875	7,103
1919	17,457	9,692	37,754	37,754	1951	3,118	60	733	5,924
1929	(5)	1,341	20,070	20,070	Massachusetts:				
1939	9,955	356	20,007	20,007	1949	154	11	40	331
DEPARTMENT OF AGRICULTURE					1950	173	18	54	450
Total (10 States): ^{3,4}					1951	166	16	53	440
1939	10,313	366	2,515	20,486	New York:				
1940	9,957	434	2,597	21,210	1949	2,563	28	538	4,332
1941	9,785	387	1,997	16,363	1950	2,107	46	505	4,085
1942	9,847	654	2,915	23,974	1951	1,960	43	466	3,771
1943	9,281	678	2,555	21,018	Pennsylvania:				
1944	8,681	565	2,568	21,109	1949	345	21	94	773
1945	7,836	237	991	8,165	1950	451	27	114	939
1946	8,000	372	1,328	10,996	1951	422	22	98	805
1947	8,568	305	2,039	16,617	Ohio:				
1948	8,059	229	1,445	11,789	1949	511	—	150	1,200
1949	7,924	292	1,614	13,204	1950	556	8	149	1,200
1950	8,306	257	2,062	16,753	1951	506	2	130	1,042
1951	7,587	200	1,809	14,672	Michigan:				
Maine: ³					1949	542	16	110	896
1949	90	3	12	99	1950	432	5	93	749
1950	145	12	33	276	1951	406	16	97	792
1951	136	11	19	163	Wisconsin:				
Maryland:					1949	277	—	59	472
1949	32	7	16	135	1950	378	15	103	839
1950	28	1	14	113	1951	284	12	79	644
1951	23	4	12	100	Minnesota:				
					1949	290	—	58	464
					1951	300	—	65	520

¹ 1 gallon of sirup taken as equivalent to 8 pounds of sugar.² Not called for on schedule.³ Excludes production on nonfarm lands in Somerset County, Maine. ⁴ Beginning 1950, 11 States.

Source: Department of Agriculture, Bureau of Agricultural Economics, except Census figures; annual report, *Agricultural Statistics*. Data also published in *Crops and Markets* and in annual summary, *Acreage Yield, and Production of Principal Crops*.

**No. 769.—SUGAR, BEET AND CANE—PRODUCTION, FOR CONTINENTAL UNITED STATES
PUERTO RICO, HAWAII, PHILIPPINES, CUBA, AND WORLD: 1870 TO 1950**

(In thousands of tons of 2,000 pounds. Prior to 1909, data refer to crop year beginning July 1; thereafter, crop year with beginning dates varying from Sept. to following June, except as noted for Hawaii)

YEARLY AVERAGE OR CROP YEAR (SEE HEADNOTE)	Continental U. S. and out- lying areas ¹	CONTINENTAL U. S.			Puerto Rico ³	Haw- aii ⁴	Philip- pine Is- lands ⁵	Cuba	World total	PERCENT OF WORLD TOTAL IN—	
		Total (in terms of raw) ²	Beet (re- duced to raw) ²	Cane (chiefly raw)						Continental U. S.	U. S. and out- lying areas
1870-1874.....	291	73	(⁶)	73	95	13	110	—	(⁶)	(⁶)	(⁶)
1875-1879.....	347	96	(⁶)	96	78	20	152	—	(⁶)	(⁶)	(⁶)
1880-1884.....	476	131	1	130	87	64	195	—	(⁶)	(⁶)	(⁶)
1885-1889.....	542	153	1	152	73	119	196	—	(⁶)	(⁶)	(⁶)
1890-1894.....	759	284	14	271	63	145	266	—	(⁶)	(⁶)	(⁶)
1895-1899.....	812	326	48	279	56	256	174	10,844	3.0	7.5	7.5
1900-1904.....	1,141	543	194	348	115	389	94	13,321	4.1	8.6	8.6
1905-1909.....	1,692	808	447	362	255	489	141	15,788	5.1	10.7	10.7
1910-1914.....	2,306	986	607	291	363	604	345	19,708	5.0	11.6	11.6
1915-1919.....	2,593	1,069	845	225	466	600	447	18,875	5.7	13.7	13.7
1920-1924.....	2,938	1,233	1,017	215	476	643	581	22,384	5.5	13.1	13.1
1925-1929.....	3,587	1,189	1,066	123	687	884	820	20,419	4.0	12.2	12.2
1930-1934.....	4,748	1,632	1,396	236	894	1,042	1,176	29,820	5.5	15.9	15.9
1935-1939 ¹⁰	5,008	1,991	1,518	474	974	980	1,058	29,135	6.8	17.2	17.2
1940-1944.....	4,045	1,880	1,451	429	961	880	320	3,686	26,062	7.2	15.5
1945-1949.....	4,345	1,968	1,513	455	1,134	861	380	5,898	27,524	7.1	15.8
1946.....	3,989	1,948	1,523	425	1,088	872	78	6,448	25,514	7.6	15.6
1947.....	4,556	2,211	1,835	376	1,108	835	398	5,675	27,811	8.0	16.4
1948.....	4,813	1,847	1,370	477	1,277	956	729	5,763	31,362	6.9	15.3
1949.....	5,017	2,091	1,370	521	1,286	960	680	6,126	32,058	5.9	15.6
1950.....	5,938	2,573	2,009	564	1,275	1,085	1,009	6,500	35,480	7.3	16.7

¹ Excludes Cuba. Includes Puerto Rico, Hawaii, Phil. Isls., and beginning 1910, Virgin Islands not shown separately.

² Beet sugar not converted to raw prior to 1909. Refined reduced to raw basis by multiplying by 1.07.

³ For 1900 to 1906, shipments to United States.

⁴ Statistics for 1874 to 1880 represents exports. Normal grinding season begins Oct. 1. In 1933, production was from grindings of Oct. 1, 1933, to Dec. 31, 1934; beginning 1934, from grindings of the next calendar year.

⁵ Exports 1871 to 1911, production 1912 and subsequently. Includes production of muscovado and panocha, low grades of sugar mostly for domestic consumption.

⁶ Less than 500 tons.

⁷ One year only.

⁸ Not available.

⁹ Louisiana and Texas 1909 to 1923; Louisiana only 1924 to 1927; Louisiana and Florida beginning 1928.

¹⁰ Beginning 1935, includes centrifugal only.

Source: Department of Agriculture, Bureau of Agricultural Economics (from official sources and International Institute of Agriculture), annual report, *Agricultural Statistics*, and *The World Sugar Situation*.

**No. 770.—SUGAR, CANE AND BEET: STOCKS, PRODUCTION, TRADE, AND SUPPLY
AVAILABLE FOR CONSUMPTION IN CONTINENTAL UNITED STATES: 1937 TO 1949**

CALENDAR YEAR	Production ¹	Visible stocks be- ginning of period ^{1,2}	RECEIPTS FROM—		Com- mercial exports and ship- ments ³	Dept. of Agri. net purchases for export	DOMESTIC DISAPPEARANCE		
			Foreign sources ¹	Terri- tories ¹			Military ⁴	Civilian	Per capita con- sumption (refined) ⁵
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	Pounds
1937.....	1,821	1,490	3,280	1,883	93	—	—	6,650	95.8
1938.....	2,207	1,731	3,073	1,810	78	—	—	6,631	95.1
1939.....	2,320	2,306	2,975	1,872	153	—	—	6,860	100.2
1940.....	2,104	2,613	3,006	1,855	193	—	—	7,029	95.2
1941.....	2,090	2,356	3,997	1,852	91	—	95	7,960	103.7
1942.....	2,151	2,149	1,928	1,607	95	184	424	5,035	86.4
1943.....	1,531	2,137	3,411	1,511	18	474	730	5,602	80.0
1944.....	1,512	1,766	3,928	1,548	24	317	1,014	6,172	89.1
1945.....	1,667	1,227	3,224	1,647	34	175	61,094	5,044	93.5
1946.....	1,900	1,418	2,687	1,504	258	139	61,119	5,541	74.4
1947.....	2,158	1,452	4,219	1,812	236	—	61,114	7,355	71.2
1948.....	1,917	1,936	3,320	1,734	118	—	676	7,216	95.5
1949.....	2,112	1,497	3,800	1,894	60	—	58	7,435	96.7

¹ Data from Sugar Branch, Production and Marketing Administration.

² Beginning 1939 includes mainland cane stocks and beginning 1940 includes raws for processing held by importers other than refiners.

³ Includes sugar used in manufacture of other commodities. 1937-41, exports (Department of Commerce, Foreign Commerce and Navigation); 1942-49, quantities delivered for export (Sugar Branch, Production and Marketing Administration).

⁴ Data based on allocation audits and records kept by armed forces.

⁵ Adjusted for changes in invisible stocks (estimated) held by manufacturers, wholesalers, and retailers. Civilian per capita consumption, 1941-49.

⁶ Includes shipments for civilian relief feeding.

Source: Department of Agriculture, Bureau of Agricultural Economics (except as noted); annual report, *Agricultural Statistics*. Also published in *The World Sugar Situation*.

No. 771.—COFFEE, TEA, COCOA AND CHOCOLATE—IMPORTS: 1830 TO 1951

[Coffee and tea imports represent imports from foreign countries and from Territories and possessions into continental United States. Reexports represent exports from continental United States to foreign countries and outlying Territories and possessions. Cocoa and chocolate figures represent general imports through 1932, imports for consumption, thereafter.]

YEARLY AVERAGE OR YEAR	COFFEE				TEA			COCOA AND CHOCOLATE ¹			
	Imports	Reex-ports	Net imports per capita	Average import price per lb.	Net imports	Value	Net im- ports per capita	Imports	Value		
	1,000 lbs.	1,000 lbs.	Pounds	Cents	1,000 lbs.	\$1,000	Pounds	1,000 lbs.	\$1,000		
1830.....	51,488	3,125	2.99	8.2	6,873	1,532	0.54				
1840.....	94,996	18,098	5.04	9.0	16,883	4,067	.99				
1850.....	145,273	15,481	5.58	7.7	28,200	3,982	1.21				
1851-1860.....	203,190	14,710	6.78	9.0	21,028	5,361	.76				
1861-1870.....	173,290	8,229	4.66	10.8	32,394	8,969	.91				
1871-1880.....	331,925	7,911	7.19	14.7	59,536	18,550	1.32	² 5,132	³ 706		
1881-1890.....	513,039	24,725	8.52	10.8	76,534	15,071	1.34	13,504	1,891		
1891-1895.....	585,270	8,792	8.61	⁴ 16.8	89,675	13,689	1.34				
1896-1900.....	761,715	21,819	10.07	8.9	86,217	11,357	1.17	⁵ 20,408	⁶ 4,120		
1901-1905.....	983,464	40,400	11.65	7.1	95,814	13,849	1.18	63,600	8,260		
1906-1910.....	931,644	15,325	10.29	7.9	93,595	15,211	1.05	102,304	13,418		
1911-1915.....	952,906	21,494	9.65	11.5	95,237	17,189	.99	161,473	19,002		
1916-1920 ^a	1,227,523	67,347	11.20	13.5	106,988	22,528	1.03	346,623	45,480		
1921-1925.....	1,343,579	35,268	11.73	15.4	92,230	24,658	.83	367,907	32,019		
1926-1930.....	1,498,291	24,222	12.30	18.9	88,654	26,604	.74	429,338	47,044		
1931-1935.....	1,628,316	19,520	12.81	8.7	86,892	15,359	.69	487,401	21,951		
1936-1940.....	1,905,417	17,774	14.52	7.3	89,558	19,858	.69	622,802	33,563		
			Excl. mili- tary ⁷	Incl. mili- tary ⁸			Excl. mili- tary ⁷	Incl. mili- tary ⁸			
1941-1945.....	2,300,918	12,309	15.02	16.63	11.5	81,121	25,527	0.58	0.50	568,728	39,022
1946-1950.....	2,673,293	43,673	18.12	18.08	27.6	89,396	39,424	.58	.60	626,754	143,015
1946.....	2,735,807	74,114	19.39	19.10	17.2	91,502	31,981	.53	.52	605,238	58,531
1947.....	2,499,555	62,301	17.81	17.30	23.9	60,495	23,559	.58	.56	607,381	154,082
1948.....	2,770,589	38,157	18.42	18.41	25.1	88,969	43,531	.57	.57	557,293	196,864
1949.....	2,918,604	27,010	18.68	19.09	27.2	92,638	44,952	.59	.61	652,110	128,552
1950.....	2,441,910	16,784	16.30	16.48	44.6	113,376	53,099	.64	.75	711,751	176,147
1951.....	2,687,251	20,097	16.52	17.35	50.5	85,928	40,033	.65	.65	660,770	211,090

¹ Includes prepared except confectionery. ² 3-year average. ³ 9-year average.

⁴ Overvalued, due to depreciation of Brazilian paper milreis. ⁵ Average for period 1891-1900.

⁶ Average, July 1, 1915, to Dec. 31, 1920.

⁷ Represents civilian consumption per capita, calculation of which excludes amounts allotted to military population, and takes into account changes in stock.

⁸ Includes civilian population and military population in the U. S. and abroad.

Source: Department of Commerce, Bureau of the Census; annual report, *Foreign Commerce and Navigation of the U. S.*, records and data on shipments to and from Territories and possessions. Per capita figures from Department of Commerce, National Production Authority.

No. 772.—SILK AND SILK MANUFACTURES—IMPORTS AND EXPORTS: 1871 TO 1951

[Quantity in thousands of pounds; value, except average price per pound, in thousands of dollars]

YEARLY AVERAGE OR YEAR ¹	UNMANUFACTURED SILK, IMPORTS ²			SILK MANUFACTURES, VALUE		YEARLY AVERAGE OR YEAR ¹	UNMANUFACTURED SILK, IMPORTS ²			SILK MANUFACTURES, VALUE	
	Quan-tity	Value	Average price per pound	Im-ports ³	Ex-ports (exclud-ing re-exports)		Quan-tity	Value	Average price per pound	Im-ports ²	Ex-ports (exclud-ing re-exports)
1871-1880.....	⁴ 1,340	⁴ 6,390	⁴ 4.77	27,063	53	1946-1950.....	8,132	32,648	4.01	20,708	⁵ 2,947
1881-1890.....	5,328	10,775	3.15	34,162	83	1941.....	25,561	62,860	2.46	4,211	6,554
1891-1900.....	9,259	20,843	2.90	29,776	268	1942.....	207	165	.80	1,771	1,200
1901-1905.....	15,798	45,968	2.91	32,215	425	1943.....	11	7	.64	1,069	303
1906-1910.....	20,281	67,414	3.32	33,725	835	1944.....	43	29	.88	1,419	203
1911-1915.....	30,190	82,708	2.74	28,306	2,210	1945.....	1,793	2,046	1.14	2,668	250
1916-1920.....	45,641	235,332	5.16	47,121	16,735	1946.....	15,587	102,587	6.58	7,408	2,330
1921-1925.....	62,030	356,287	5.74	40,941	12,992	1947.....	3,182	16,078	5.05	12,981	7,274
1926-1930.....	86,458	374,715	4.33	36,383	17,293	1948.....	7,361	15,900	2.16	24,393	¹ 1,428
1931-1935.....	74,569	115,883	1.55	8,595	5,954	1949.....	3,986	7,527	1.89	24,877	¹ 1,720
1936-1940.....	58,326	109,947	1.89	8,250	6,838	1950.....	10,543	21,151	2.01	33,881	¹ 1,985
1941-1945.....	5,521	13,021	1.18	2,228	1,702	1951.....	7,226	21,090	2.92	37,474	² 2,145

¹ Fiscal years through 1915; calendar years thereafter.

² General imports through 1932; imports for consumption thereafter.

³ Includes artificial silk prior to 1911.

⁴ Raw silk.

⁵ Effective 1948, includes shipments under Army Civilian Supply Program.

Source: Dept. of Commerce, Bureau of the Census; annual report, *Foreign Commerce and Navigation of the U. S.*, and records.

No. 773.—ANIMAL AND VEGETABLE FATS AND OILS—PRODUCTION, CONSUMPTION,
AND STOCKS: 1950 AND 1951

[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, 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. Additional data on consumption and stocks of raw materials, such as cottonseed, copra, corn germs, flaxseed, soybeans, etc., and consumption data by process and end-use are contained in Facts for Industry Series M 17-1 and M 17-2]

[In thousands of pounds]

PRODUCT	1950			1951		
	Production	Consumption	Stocks, Dec. 31	Production	Consumption	Stocks, Dec. 31
VEGETABLE OILS						
Cottonseed, crude.....	1,605,990	1,614,748	100,289	1,415,013	1,295,592	186,292
Cottonseed, refined.....	1,465,844	1,569,716	171,639	1,195,575	1,106,837	279,881
Peanut, crude ¹	145,108	129,074	7,695	183,739	129,816	4,705
Peanut, refined.....	121,776	89,249	9,254	123,291	95,811	7,084
Corn, crude.....	247,853	254,408	12,916	232,125	246,055	10,505
Corn, refined.....	236,146	204,958	5,541	224,931	214,027	3,772
Soybean, crude.....	2,074,702	1,835,069	90,828	2,471,022	2,029,593	197,471
Soybean, refined.....	1,699,382	1,626,638	54,237	1,892,449	1,757,211	83,920
Sesame, crude.....	5,903	(²)	1,109	(²)	(²)	(²)
Sesame, refined.....	(²)	(²)	245	(²)	3,145	256
Olive, edible.....	1,980	3,061	7,814	1,943	2,415	17,701
Olive, inedible.....	.....	786	310	.....	684	283
Olive, sulphur foots.....	(²)	(²)	5,543	(²)	4,049	5,210
Palm, crude.....	.....	44,164	22,367	.....	40,307	³ 24,512
Palm, refined.....	(²)	(²)	464	(²)	4,162	1,023
Coconut, crude.....	562,200	576,222	³ 84,649	516,162	542,048	³ 92,073
Coconut, refined.....	327,847	298,457	10,211	327,762	302,385	8,839
Palm kernel, crude.....	.....	(²)	(²)	.....	(²)	(²)
Palm kernel, refined.....	(²)	(²)	(²)	(²)	(²)	(²)
Babassu, crude.....	(²)	41,691	1,582	(²)	39,840	6,373
Babassu, refined.....	(²)	1,137	29,325	.....	29,314	288
Rapeseed, crude.....	.....	(²)	1,193	.....	3,274	595
Rapeseed, refined.....	.....	3,938	1,394	.....	3,455	1,826
Linseed, raw.....	749,519	561,038	619,620	758,838	652,379	652,696
Linseed, refined.....	238,015	236,769	35,659	292,306	295,003	45,482
Chinawood or Tung.....	23,467	98,199	39,043	12,667	65,019	15,786
Perilla.....	.....	(²)	.....	.....	.....	(²)
Castor No. 1, crude.....	99,619	100,184	³ 13,335	61,385	73,543	³ 13,486
Castor No. 3, crude.....	27,950	30,200	³ 8,105	17,854	30,333	³ 4,167
Oiticica.....	.....	6,927	5,401	.....	9,883	7,349
Other vegetable oil, crude.....	52,658	48,527	9,228	42,789	31,670	11,556
Other vegetable oil, refined.....	54,264	60,924	1,773	22,694	22,385	3,347
ANIMAL FATS						
Lard, rendered ⁴	2,294,000	(⁵)	83,780	2,531,000	⁶ 182,263	66,500
Lard, refined ⁴	1,417,000	49,868	43,422	1,669,000	94,454	37,679
Tallow, edible.....	108,309	55,642	6,097	89,234	45,086	4,742
Tallow, edible, refined.....	12,219	13,514	557	20,528	15,653	884
Tallow, inedible.....	1,289,984	1,286,717	183,492	1,301,031	1,155,567	231,102
Tallow, inedible, refined.....	310,695	298,116	8,756	276,078	238,820	13,488
Grease, other than wool.....	619,725	544,236	90,945	620,961	563,805	99,968
Wool grease.....	14,548	(⁵)	⁷ 1,591	11,491	(⁵)	⁷ 497
Neat's-foot oil.....	2,310	4,520	902	1,929	3,976	1,092
FISH AND MARINE-MAMMAL OIL⁸						
Cod and cod-liver.....	1,221	19,006	7,278	1,466	15,153	7,377
Other liver oil.....	1,192	6,866	1,124	1,683	7,288	1,972
Menhaden.....	69,188	58,605	12,124	90,727	27,243	40,397
Sardine (pilchard) and herring.....	82,999	86,123	34,331	20,044	60,218	17,661
Other fish oil, except liver oil.....	12,216	8,450	4,186	13,130	8,360	3,352
Whale oil.....	12	(⁹)	.....	93	(¹⁰)	496
Sperm oil.....	18	(⁹)	³ 13,164	.....	27,603	³ 24,897
Other marine-mammal oil.....	.....	26,552	.....	.....	(¹⁰)	285
Refined fish oil.....	(¹¹)	40,233	3,273	22,741	22,403	1,399
FOOTS, RAW AND ACIDULATED SOAP STOCK						
Vegetable foots (100% basis).....	251,376	213,904	34,930	236,463	163,473	49,534
Animal foots from refining (100% basis).....	25,751	24,122	2,327	24,216	29,563	3,780
Fish and marine-mammal foots (100% basis).....	(¹¹)	(¹¹)	3,747	4,626	5,828	1,599

See footnotes at end of table.

No. 773.—ANIMAL AND VEGETABLE FATS AND OILS—PRODUCTION, CONSUMPTION, AND STOCKS: 1950 AND 1951—Continued

[In thousands of pounds]

PRODUCT	1950			1951		
	Production	Consumption	Stocks, Dec. 31	Production	Consumption	Stocks, Dec. 31
SECONDARY PRODUCTS						
Winterized oil.....	558,415	326,366	29,766	497,718	285,561	26,828
Deodorized oil ¹²	273,283	122,617	7,295	311,614	131,270	7,783
Stearin, vegetable oil, winter.....	114,068	112,371	9,839	89,223	82,873	10,793
Stearin, animal, edible.....	33,951	26,009	2,365	28,985	17,493	2,438
Stearin, animal, inedible.....	22,442	12,819	1,719	23,165	16,944	2,129
Oil oil.....	58,920	5,707	2,317	46,339	4,809	3,097
Grease oil and lard oil.....	55,842	32,758	6,353	56,727	34,177	6,886
Tallow oil.....	10,641	7,449	2,611	10,711	8,440	2,594
Hydrogenated oils and fats, edible:						
Cottonseed.....	613,159	597,846	17,084	433,855	415,635	18,910
Soybean.....	522,096	477,001	18,537	660,159	619,061	16,546
Other ¹³	108,736	66,052	3,715	116,279	81,751	5,008
Shortening.....	1,709,848	11,269	103,583	1,403,576	9,473	101,441
Oleomargarine.....	¹⁴ 937,045	(⁶)	14,150	1,036,716	(⁶)	18,830
Hydrogenated oils and fats, inedible:						
Vegetable.....	(¹¹)	4,521	1,207	(¹¹)	6,265	1,667
Animal.....	41,828	35,717	2,852	31,313	26,097	2,305
Fish.....	42,632	38,663	3,391	29,626	22,818	5,549
Chemically dehydrated castor oil.....	49,948	39,294	8,378	22,438	23,764	5,110
Fatty acid stock including spent and salvaged oils and fats, palm oil refuse, etc. (100% fatty acid basis).....	3,638	15,554	2,795	4,257	16,928	3,921
Vegetable oil fatty acids from foots and other than from foots.....	191,638	153,235	23,777	151,307	141,989	23,233
Animal fat and oil fatty acids.....	193,275	191,231	14,695	207,562	206,103	15,616
Fish and marine mammal fatty acids.....	(¹¹)	9,216	1,761	3,859	7,311	1,123
Fatty acids from fractionating or pressing:						
Stearic acid.....	68,300	59,206	10,605	68,134	58,051	13,807
Oleic acid.....	82,555	56,793	10,039	80,632	51,103	15,119
Other acids.....	(¹¹)	(¹¹)	3,097	(¹¹)	18,091	6,083
Solid fatty acids produced by splitting hydrogenated fats and oils or by hydrogenation of fatty acids.....	82,940	20,430	4,335	47,890	19,626	5,381
Tall oil, crude.....	309,802	210,357	30,778	398,237	262,674	57,347
Tall oil, refined, including distilled and fractionated tall oil.....	112,013	65,839	15,485	134,580	85,021	19,179
Glycerin, crude (100% basis) ¹⁵	225,512	239,498	14,185	211,348	229,381	14,960
Glycerin, high gravity and yellow distilled (100% basis).....	90,704	94,037	15,983	77,282	83,124	15,284
Glycerin, chemically pure (100% basis) ¹⁵	139,318	97,976	20,132	137,638	89,188	25,483

¹ 1950 data from peanut oil producers were collected by U. S. Department of Agriculture.² Included in "Other vegetable oils" to avoid disclosure of individual operations.³ Data are on a commercial stocks basis and do not include figures for stockpiles of strategic oils.⁴ Data on production collected by U. S. Department of Agriculture.⁵ Data not available.⁶ Excludes quantities used in refining.⁷ Held by wool scourers.⁸ Data from fish oil producers were collected by Fish and Wildlife Service, U. S. Department of the Interior.⁹ Included in "Other marine mammal oil."¹⁰ Included in "sperm oil."¹¹ Not shown to avoid disclosure of individual operations.¹² Winterized-deodorized oil, hydrogenated-deodorized oil and cooking and salad oil not included.¹³ Includes edible hydrogenated animal fats and oils for which data were reported separately only since September 1951. For this period of 1951, 12,668,000 pounds of animal fats and oils were produced; 4,739,000 pounds consumed and stocks as of December 31, totaled 1,637,000 pounds.¹⁴ Data collected by Bureau of Internal Revenue, January through June 1950.¹⁵ Includes data for synthetic glycerin.Source: Department of Commerce, Bureau of the Census; annual report, *Animal and Vegetable Fats and Oils* (Facts for Industry, Series M17-1).

NO. 774.—DOMESTIC ANIMALS ON FARMS—NUMBER, BY KIND, BY STATES: 1950 AND 1952

[All figures in thousands. See also *Historical Statistics*, series E 117-126 and 152 for U. S. totals]

DIVISION AND STATE	HORSES		MULES		ALL CATTLE		MILK COWS		SHEEP AND LAMBS		HOGS AND PIGS	
	1950 (Apr. 1)	1952 (Jan. 1)	1950 (Apr. 1)	1952 (Jan. 1)	1950 (Apr. 1)	1952 (Jan. 1)	1950 (Apr. 1)	1952 (Jan. 1) ¹	1950 (Apr. 1)	1952 (Jan. 1)	1950 (Apr. 1)	1952 (Jan. 1)
United States.....	5,402	4,370	2,202	1,923	76,762	88,062	21,281	23,407	31,387	31,725	55,722	63,903
New England.....	74	61	1	(3)	1,091	1,154	634	720	63	57	181	207
Maine.....	21	17	(2)	(3)	205	218	102	114	23	19	28	34
New Hampshire.....	9	7	(2)	(3)	110	115	57	66	7	8	13	14
Vermont.....	25	21	(2)	(3)	408	432	247	276	11	10	13	15
Massachusetts.....	10	9	(2)	(3)	180	182	113	125	10	10	96	106
Rhode Island.....	1	1	(2)	(3)	24	27	16	20	2	2	7	7
Connecticut.....	8	6	(2)	(3)	164	180	99	119	9	8	25	31
Middle Atlantic.....	265	265	15	13	3,876	4,233	2,193	2,524	425	403	989	1,066
New York.....	136	110	2	2	2,022	2,222	1,218	1,411	155	155	168	217
New Jersey.....	11	8	1	1	209	221	135	153	15	13	206	145
Pennsylvania.....	117	87	12	10	1,645	1,790	841	960	255	235	615	704
East North Central.....	775	588	43	33	12,181	13,521	5,308	5,976	2,844	3,148	16,282	18,035
Ohio.....	145	108	8	5	2,036	2,279	874	1,019	1,143	1,249	3,156	3,137
Indiana.....	113	82	14	10	1,781	1,886	655	692	493	457	4,520	4,953
Illinois.....	194	147	17	14	2,928	3,550	909	922	561	726	6,045	6,920
Michigan.....	103	79	2	2	1,696	1,890	794	936	388	433	690	956
Wisconsin.....	219	172	2	2	3,739	3,916	2,076	2,407	259	283	1,871	2,039
West North Central.....	1,552	1,163	98	69	22,169	26,063	5,202	5,319	4,813	6,180	23,269	28,342
Minnesota.....	257	186	3	2	3,110	3,472	1,354	1,412	655	924	3,285	3,922
Iowa.....	248	177	9	6	4,540	5,507	1,170	1,123	898	1,280	10,716	12,882
Missouri.....	326	248	63	43	3,281	3,658	933	984	1,160	1,008	3,912	4,506
North Dakota.....	151	124	1	1	1,588	1,613	387	410	386	439	342	425
South Dakota.....	171	125	2	2	2,513	2,826	345	380	889	1,039	1,365	1,774
Nebraska.....	210	157	7	5	3,629	4,646	460	454	814	871	2,360	3,239
Kansas.....	189	146	12	10	3,509	4,341	554	586	511	619	1,289	1,594
South Atlantic.....	444	389	727	654	5,449	6,404	1,779	2,039	996	744	5,105	5,772
Delaware.....	6	5	2	2	60	69	31	39	3	3	39	44
Maryland.....	40	26	8	8	431	481	204	245	50	45	245	270
District of Columbia.....	(2)	(3)	(2)	(3)	(2)	(2)	(2)	(3)	(2)	(3)	1	(3)
Virginia.....	133	109	62	61	1,199	1,269	419	469	454	321	797	816
West Virginia.....	86	76	6	6	588	588	204	224	422	314	197	204
North Carolina.....	89	84	263	233	698	796	333	376	50	43	1,231	1,308
South Carolina.....	24	23	147	135	370	427	141	165	4	4	598	612
Georgia.....	39	39	215	184	1,003	1,235	313	372	10	11	1,537	1,908
Florida.....	27	27	24	25	1,101	1,539	133	149	4	3	459	610
East South Central.....	530	452	880	787	6,052	6,551	2,147	2,313	1,442	1,036	4,833	4,876
Kentucky.....	199	169	158	142	1,652	1,722	636	655	982	668	1,530	1,358
Tennessee.....	144	126	226	211	1,561	1,658	638	668	368	274	1,336	1,330
Alabama.....	68	59	220	193	1,269	1,485	355	419	25	19	1,061	1,299
Mississippi.....	118	98	275	241	1,569	1,686	518	571	67	75	875	889
West South Central.....	861	717	405	336	12,921	14,926	2,132	2,363	8,042	6,479	3,448	3,627
Arkansas.....	151	128	133	115	1,153	1,381	390	432	50	41	753	681
Louisiana.....	120	109	113	100	1,285	1,540	276	326	91	109	628	551
Oklahoma.....	203	159	30	25	2,658	3,065	534	552	151	153	774	750
Texas.....	387	321	129	96	7,825	8,940	932	1,063	7,750	6,176	1,292	1,645
Mountain.....	653	584	21	20	8,290	9,840	714	801	9,423	10,766	788	1,019
Montana.....	141	123	2	1	1,758	2,107	111	119	1,337	1,861	106	188
Idaho.....	88	72	3	3	949	1,126	186	220	1,509	1,085	161	214
Wyoming.....	82	72	1	1	1,028	1,124	46	49	1,829	2,164	50	78
Colorado.....	117	102	4	4	1,776	2,117	169	186	1,657	1,924	282	312
New Mexico.....	82	80	4	3	1,138	1,213	52	53	1,197	1,451	69	80
Arizona.....	64	62	6	6	656	885	42	49	473	401	28	29
Utah.....	53	47	1	1	562	679	93	108	1,101	1,405	72	92
Nevada.....	27	26	1	1	424	589	14	17	321	475	20	26
Pacific.....	249	211	11	11	4,734	5,370	1,171	1,352	3,338	2,912	828	959
Washington.....	62	51	2	2	878	982	254	275	368	326	132	139
Oregon.....	72	54	3	3	1,099	1,228	204	228	913	686	157	180
California.....	115	106	7	6	2,757	3,160	713	849	2,057	1,900	539	640

¹ Represents cows and heifers 2 years old and over kept for milk.

² Less than 500.

³ No estimate.

Source: 1950, Department of Commerce, Bureau of the Census. Other figures are estimates by Department of Agriculture, Bureau of Agricultural Economics, published in *Livestock on Farms Jan. 1*.

No. 775.—LIVESTOCK ON FARMS—VALUE BY STATES: 1945 AND 1950

[In thousands of dollars. Covers horses, mules, cattle, hogs, sheep, goats, and chickens.
1950 data are preliminary]

DIVISION AND STATE	1945	1950	DIVISION AND STATE	1945	1950
United States	8,472,431	11,649,511	South Atlantic—Continued		
New England	176,541	184,101	Virginia.....	126,366	186,114
Maine.....	27,755	30,378	West Virginia.....	52,366	80,549
New Hampshire.....	18,974	17,978	North Carolina.....	144,248	145,842
Vermont.....	51,637	58,454	South Carolina.....	71,194	72,040
Massachusetts.....	39,292	39,901	Georgia.....	132,762	143,559
Rhode Island.....	5,523	5,309	Florida.....	67,956	101,576
Connecticut.....	33,360	32,080	East South Central	565,149	800,719
Middle Atlantic	617,153	696,916	Kentucky.....	160,584	257,024
New York.....	319,417	349,105	Tennessee.....	147,309	215,744
New Jersey.....	52,464	65,320	Alabama.....	119,595	154,137
Pennsylvania.....	245,272	282,482	Mississippi.....	137,661	173,814
East North Central	1,642,888	2,157,789	West South Central	1,042,842	1,598,731
Ohio.....	262,203	352,008	Arkansas.....	100,604	132,608
Indiana.....	248,861	331,073	Louisiana.....	110,874	147,720
Illinois.....	435,045	564,227	Oklahoma.....	206,952	299,976
Michigan.....	206,056	262,485	Texas.....	624,322	1,018,418
Wisconsin.....	490,724	647,895	Mountain	775,323	1,263,780
West North Central	2,514,968	3,433,679	Montana.....	174,633	253,300
Minnesota.....	422,294	534,631	Idaho.....	97,254	150,035
Iowa.....	689,958	886,453	Wyoming.....	99,886	178,842
Missouri.....	329,213	493,408	Colorado.....	152,086	261,060
North Dakota.....	161,838	201,420	New Mexico.....	84,650	162,070
South Dakota.....	238,062	364,660	Arizona.....	55,677	90,036
Nebraska.....	357,216	495,141	Utah.....	69,320	103,672
Kansas.....	315,957	454,967	Nevada.....	41,815	64,757
South Atlantic	657,869	811,249	Pacific	479,698	702,548
Delaware.....	9,175	9,836	Washington.....	82,279	117,668
Maryland.....	53,669	71,682	Oregon.....	95,592	139,977
Dist. of Columbia.....	133	51	California.....	301,826	444,904

Source: Department of Commerce, Bureau of Census; 1945 *Census of Agriculture*, Vol. II, and preliminary data from 1950 *Census of Agriculture*.

**NO. 776.—LIVESTOCK—NUMBER, VALUE PER HEAD, PRODUCTION, AND PRICES:
1910 TO 1952**

[See also *Historical Statistics*, series E 117-134]

YEAR	NUMBER ON FARMS AND VALUE PER HEAD									
	All cattle		Hogs (incl. pigs)		Stock sheep		Horses ¹		Mules ¹	
	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 RETURNS²										
1910 (Apr. 15)-----	53,997	\$26.81	35,134	\$10.02	39,644	\$5.13	19,220	\$107.33	4,101	\$127.02
1920 (Jan. 1)-----	66,640	54.80	59,346	16.66	35,034	11.29	19,767	90.15	5,432	143.45
1930 (Apr. 1)-----	54,250	58.70	32,794	17.20	41,780	8.21	13,384	67.51	5,354	82.60
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
ESTIMATES JAN. 1										
1940-----	68,309	40.60	61,165	7.78	46,266	6.35	10,444	77.30	4,034	116.00
1941-----	71,755	43.20	54,353	8.34	47,441	6.77	10,193	68.20	3,911	107.00
1942-----	76,025	55.00	60,607	15.60	49,346	8.66	9,873	64.70	3,782	107.00
1943-----	81,204	69.30	73,881	22.50	48,196	9.68	9,605	79.80	3,626	127.00
1944-----	85,334	68.40	83,741	17.50	44,270	8.68	9,192	78.60	3,421	143.00
1945-----	85,573	66.90	59,373	20.60	39,609	8.45	8,715	64.90	3,235	134.00
1946-----	82,235	76.20	61,306	24.00	35,525	9.57	8,081	57.50	3,027	133.00
1947-----	80,554	97.50	56,810	36.00	31,805	12.20	7,340	59.30	2,789	141.00
1948-----	77,171	117.00	54,590	42.90	29,486	15.00	6,704	55.70	2,575	133.00
1949-----	76,830	135.00	56,257	38.30	26,940	17.00	6,096	52.50	2,402	116.00
1950-----	77,963	124.00	58,852	27.20	26,182	17.80	5,548	46.00	2,233	99.10
1951-----	82,025	160.00	62,852	33.30	27,253	26.50	4,993	43.50	2,074	81.60
1952 (prel.)-----	88,062	179.00	63,903	29.90	27,841	28.00	4,370	45.80	1,923	72.80

YEAR	LIVE WEIGHT PRODUCTION AND ANNUAL AVERAGE PRICE RECEIVED BY FARMERS, PER 100 POUNDS							
	All cattle			Hogs		Sheep		
	Production ³ (1,000 lbs.)	Price, beef cattle	Price, veal calves	Production ³ (1,000 lbs.)	Price per 100 lbs.	Production ³ (1,000 lbs.)	Price, sheep	Price, lambs
1940-----	15,702,110	\$7.56	\$8.83	17,044,404	\$5.39	2,100,928	\$3.95	\$8.10
1941-----	17,029,460	8.82	10.30	17,489,485	9.09	2,251,390	5.06	9.58
1942-----	18,567,995	10.70	12.30	21,105,133	13.00	2,313,319	5.80	11.70
1943-----	19,159,375	11.90	13.30	25,374,715	13.70	2,107,891	6.57	13.00
1944-----	19,708,295	10.80	12.40	20,582,873	13.10	1,938,299	6.01	12.50
1945-----	19,345,320	12.10	13.10	19,095,526	14.00	1,911,766	6.38	13.10
1946-----	18,781,924	14.50	15.30	19,041,127	17.50	1,763,298	7.48	15.60
1947-----	19,054,920	18.50	20.40	18,666,554	24.10	1,579,402	8.41	20.50
1948-----	18,370,760	22.20	24.40	18,739,227	23.10	1,403,833	9.66	22.80
1949-----	19,352,254	19.80	22.70	20,189,972	18.10	1,309,602	9.31	22.40
1950 (prel.)-----	20,586,963	23.20	26.40	20,927,115	18.00	1,362,451	11.50	25.10

¹ Jan. 1 estimates include colts.

² Census figures for 1910 are for animals over 3½ months old; 1920 and 1945, animals of all ages; 1930, animals 3 months and over except sheep (6 months and over); 1940, animals over 3 months, except hogs (over 4 months) and sheep (over 6 months).

³ Includes adjustment for livestock shipped in and inventory changes.

Source: Census returns—Department of Commerce, Bureau of the Census; *1945 Census of Agriculture*, Vol. II. All other data—Department of Agriculture, Bureau of Agricultural Economics; annual report, *Agricultural Statistics*, and annual *U. S. Livestock Reports*.

No. 777.—DOMESTIC ANIMALS—RECEIPTS AND SHIPMENTS, BY KIND, BY STOCKYARDS: 1947 TO 1951

[In thousands. Total for all stockyards reporting covers about 65 stockyards]

ITEM AND YEAR	Total, all stock- yards report- ing	9 STOCKYARDS									All other stock- yards report- ing	
		Total	Chi- cago	Den- ver	Fort Worth	Kan- sas City	Oma- ha	St. Jo- seph	St. Louis Na- tional Stock Yards	Sioux City		South St. Paul
CATTLE												
Receipts:												
1947.....	22,103	12,486	2,089	898	968	1,956	1,910	682	1,304	1,463	1,216	9,617
1948.....	18,673	10,048	1,694	849	786	1,543	1,521	573	991	1,132	959	8,625
1949.....	18,828	10,695	1,850	838	578	1,673	1,692	620	940	1,332	1,172	8,133
1950.....	17,896	10,100	1,780	872	540	1,438	1,638	566	863	1,292	1,111	7,796
1951.....	17,016	9,465	1,623	936	590	1,176	1,667	566	831	1,198	878	7,551
Shipments:												
1947.....	10,594	5,655	784	527	523	1,083	777	208	494	919	339	4,939
1948.....	9,245	4,740	685	535	391	846	776	163	290	746	307	4,505
1949.....	8,914	4,768	679	477	263	949	725	186	285	853	352	4,146
1950.....	8,357	4,304	630	478	245	764	674	176	217	796	323	4,053
1951.....	9,009	4,975	713	551	334	675	883	228	464	808	319	4,034
CALVES												
Receipts:												
1947.....	7,459	2,640	271	133	446	313	105	121	557	67	626	4,819
1948.....	6,277	2,056	188	112	329	222	107	99	435	73	490	4,221
1949.....	5,741	2,000	164	123	245	221	119	78	388	118	544	3,741
1950.....	5,213	1,850	115	107	276	213	107	58	379	105	491	3,363
1951.....	4,722	1,780	106	115	349	173	115	69	356	91	406	2,942
Shipments:												
1947.....	2,926	838	24	86	224	105	36	29	181	40	113	2,088
1948.....	2,601	756	22	75	185	85	35	28	127	54	145	1,845
1949.....	2,410	801	16	89	166	87	49	23	115	86	172	1,609
1950.....	2,389	838	12	84	211	112	39	24	95	87	174	1,551
1951.....	2,346	934	14	99	266	105	40	40	121	79	170	1,412
SHEEP AND LAMBS												
Receipts:												
1947.....	21,679	11,598	968	1,996	1,766	1,857	1,527	937	822	784	940	10,081
1948.....	19,814	10,604	888	2,394	1,587	1,380	1,301	943	741	581	788	9,210
1949.....	15,843	7,814	623	1,858	928	914	922	732	599	492	746	8,029
1950.....	15,433	7,996	654	1,880	1,055	1,042	899	673	676	494	624	7,437
1951.....	13,718	6,677	523	1,726	860	556	853	609	535	503	512	7,041
Shipments:												
1947.....	11,695	5,344	280	1,424	824	1,011	532	209	299	358	407	6,351
1948.....	10,236	4,572	236	1,546	587	619	573	188	194	266	365	5,664
1949.....	8,932	3,871	201	1,349	460	442	382	205	181	236	416	5,061
1950.....	8,859	4,133	230	1,367	582	573	359	208	233	260	320	4,726
1951.....	8,229	3,877	171	1,379	426	367	381	251	300	309	293	4,352
HOGS												
Receipts:												
1947.....	29,953	15,848	3,318	835	681	671	2,400	1,288	2,561	1,783	2,310	14,105
1948.....	30,611	16,000	3,342	897	749	738	2,331	1,373	2,681	1,812	2,076	14,611
1949.....	33,118	17,401	3,425	1,136	584	757	2,573	1,472	2,869	1,948	2,637	15,717
1950.....	35,190	18,479	3,670	1,092	687	758	2,734	1,610	3,109	2,044	2,775	16,711
1951.....	38,722	20,871	3,907	1,301	781	835	3,164	2,020	3,535	2,373	2,955	17,851
Shipments:												
1947.....	9,036	2,941	282	236	52	269	374	144	684	493	408	6,095
1948.....	10,196	3,995	428	437	49	346	583	235	754	724	441	6,201
1949.....	10,885	4,283	454	546	72	364	566	248	824	724	505	6,602
1950.....	11,459	4,225	499	465	59	291	553	205	833	735	584	7,234
1951.....	12,773	5,422	501	609	67	306	681	374	1,429	835	620	7,351
HORSES AND MULES												
Receipts:												
1947.....	315	101	2	6	27	26	7	2	23	4	3	214
1948.....	252	62	(1)	3	16	21	1	(1)	16	4	1	190
1949.....	175	46	(1)	2	13	19	(1)	(1)	9	1	1	129
1950.....	137	37	(1)	2	9	16	(1)	1	4	4	1	100
1951.....	124	21	(1)	1	8	8	(1)	(1)	1	3	(1)	103

¹ Less than 500 head.

Source: Department of Agriculture, Production and Marketing Administration; annual report, *Agricultural Statistics*. Data are published currently in mimeographed form.

No. 778.—MEAT—SLAUGHTERING, PRODUCTION, AND PRICES: 1911 TO 1950

[Prices are simple averages of monthly prices at Chicago, except those for beef which are weighted average prices at Chicago. See also *Historical Statistics*, series E 136-151]

YEAR OR YEARLY AVERAGE	ANIMALS SLAUGHTERED (1,000 head)		Price (live weight) per cwt. (dollars)	Production, dressed weight (million pounds)	ANIMALS SLAUGHTERED (1,000 head)		Price (live weight) per cwt. (dollars)	Production, dressed weight (million pounds)
	Total ¹	Under Federal inspection			Total ¹	Under Federal inspection		
	BEEF ²				VEAL			
1911-1915.....	13,144	7,152	7.89	6,211	6,394	1,976	9.30	619
1916-1920.....	15,025	9,838	12.91	6,897	7,633	3,399	14.35	764
1921-1925.....	13,974	8,979	9.13	6,617	9,259	4,556	9.78	910
1926-1930.....	12,860	8,932	11.82	6,209	8,133	4,759	13.07	830
1931-1935.....	³ 13,364	³ 8,799	7.44	⁴ 6,618	³ 8,885	³ 5,175	7.08	959
1936-1940.....	³ 15,110	³ 10,001	9.97	7,051	9,580	5,693	9.91	1,030
1941-1945.....	18,766	12,696	14.41	8,977	11,359	6,244	14.36	1,351
1945.....	21,691	14,531	16.18	10,275	13,645	7,020	15.12	1,661
1946.....	19,824	11,402	19.16	9,373	12,168	5,841	16.87	1,440
1947.....	22,393	15,524	25.83	10,428	13,695	7,933	24.98	1,599
1948.....	19,186	12,994	30.88	9,079	12,328	6,907	29.02	1,412
1949.....	18,789	13,222	25.80	9,448	11,345	6,449	27.64	1,322
1950 (prel.).....	18,642	13,103	29.35	9,543	10,435	5,850	31.08	1,216
	PORK				LAMB AND MUTTON ⁵			
1911-1915.....	57,300	34,460	7.60	7,040	17,859	13,669	7.57	686
1916-1920.....	63,179	39,608	14.78	7,947	14,055	11,056	15.05	536
1921-1925.....	69,569	46,269	9.04	8,520	15,454	11,891	13.53	596
1926-1930.....	67,991	45,335	10.23	8,550	17,648	14,010	13.54	688
1931-1935.....	³ 65,740	³ 41,435	5.57	8,248	³ 22,099	³ 17,405	7.37	864
1936-1940.....	63,109	39,130	8.06	8,162	21,724	17,427	9.64	870
1941-1945.....	83,026	54,765	13.14	11,609	24,992	21,240	13.89	1,029
1945.....	71,891	40,960	14.66	10,697	24,639	21,218	14.90	1,054
1946.....	76,244	44,394	18.40	11,173	22,814	19,884	18.40	970
1947.....	74,710	49,116	24.45	10,601	18,766	16,667	22.63	802
1948.....	71,936	47,615	23.14	10,205	17,439	15,343	25.04	750
1949.....	75,293	53,032	18.12	10,333	13,872	12,136	25.54	607
1950 (prel.).....	79,488	56,964	18.20	10,751	13,294	11,739	27.54	599

¹ Includes inspected, noninspected, retail, and farm slaughter.

² Prices are for beef steers, all grades, excluding western.

³ Excludes animals slaughtered under government account.

⁴ Includes slaughter under Emergency Government Relief Purchase Program in 1934-1935.

⁵ Prices are for lambs only; (sheep represent smaller part of animals slaughtered).

Source: Department of Agriculture, Bureau of Agricultural Economics; annual report, *Agricultural Statistics* and records.

No. 779.—DOMESTIC ANIMALS—AVERAGE PRICES RECEIVED BY FARMERS AND AVERAGE CHICAGO MARKET PRICE, BY KIND: 1911 TO 1950

[Milk cows, dollars per head; others in dollars per 100 pounds, live weight. 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*, series E 128, 129, 131, 133, 134, 139, 143, 147, and 151]

PERIOD	Milk cows at local market, per head	BEEF CATTLE ¹		CALVES, VEAL		SHEEP		LAMBS		HOGS	
		Local market	Chi-cago	Local market	Chi-cago	Local market	Chi-cago	Local market	Chi-cago	Local market	Chi-cago
1911-1915.....	52.30	5.80	7.89	7.10	9.30	4.58	5.13	6.02	7.57	6.89	7.60
1916-1920.....	79.50	8.77	12.91	11.00	14.35	8.81	10.25	11.90	15.05	13.54	14.78
1921-1925.....	56.30	6.91	9.13	7.96	9.78	6.25	7.02	10.15	13.53	8.24	9.04
1926-1930.....	79.60	8.21	11.82	10.61	13.07	6.75	6.57	10.99	13.54	9.65	10.23
1931-1935.....	40.20	4.74	7.44	5.72	7.08	2.85	2.81	5.67	7.37	5.08	5.57
1936-1940.....	57.16	6.81	9.97	8.09	9.91	3.94	4.04	7.97	9.64	7.65	8.06
1941-1945.....	98.68	10.86	14.41	12.28	14.36	5.96	6.45	11.93	13.89	12.58	13.14
1946.....	131.00	14.50	19.16	15.30	16.87	7.48	7.83	15.60	18.40	17.50	18.40
1947.....	151.00	18.50	25.83	20.40	24.98	8.41	8.46	20.50	22.63	24.10	24.45
1948.....	185.00	22.20	30.88	24.40	29.02	9.66	10.70	22.80	25.04	23.10	23.14
1949.....	193.00	19.80	25.80	22.70	27.64	9.31	10.07	22.40	25.54	18.10	18.12
1950 (prel.).....	188.00	23.20	29.35	26.40	31.08	11.50	12.19	25.10	27.54	18.00	18.20

¹ Chicago prices are for beef steers, all grades, excluding Western.

Source: Department of Agriculture, Bureau of Agricultural Economics and Production and Marketing Administration; annual report, *Agricultural Statistics*.

NO. 780.—MEATS AND LARD—PRODUCTION, FOREIGN TRADE, AND CONSUMPTION BY KIND: 1941 to 1949

[All quantities, except per capita, in millions of pounds of carcass weight equivalent. Edible byproducts are excluded. Production of pork excluding lard 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. Federally inspected production omits production in Hawaii and Virgin Islands from 1940 to date. Uninspected production is made up of farm and retail slaughter and all wholesale slaughter that is not Federally inspected. Commercial exports include commercial shipments to territories; they do not include USDA exports and shipments for Lend-Lease, UNRRA or other claimants, nor do they include shipments for military civilian feeding or 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 beginning 1941 and of deliveries to USDA from 1941 to 1947. See also *Historical Statistics*, series E 138, 142, 146, and 150 for total production of beef, veal, lamb and mutton, and pork.]

ITEM AND YEAR	PRODUCTION			Exports of U. S. produc- tion	Imports for con- sumption	CIVILIAN CONSUMPTION	
	Total	Federally inspected	Unin- spected			Total	Per capita (pounds)
All meats (excluding lard):							
1941.....	19,569	13,425	6,144	173	269	18,934	142.8
1942.....	21,912	15,451	6,461	104	214	18,451	139.5
1943.....	24,482	16,829	7,653	70	235	18,921	146.0
1944.....	25,178	17,921	7,257	98	190	19,827	153.5
1945.....	23,687	15,359	8,328	76	130	18,737	144.4
1946.....	22,956	13,795	9,161	116	21	21,367	153.4
1947.....	23,430	16,236	7,194	311	65	22,236	155.0
1948.....	21,446	14,721	6,725	138	350	21,256	145.4
1949.....	21,710	15,632	6,078	136	242	21,378	143.9
Beef:							
1941.....	8,082	5,732	2,350	51	257	8,021	60.5
1942.....	8,843	6,343	2,500	31	211	8,049	60.8
1943.....	8,571	5,966	2,605	26	225	6,860	52.9
1944.....	9,112	6,652	2,460	37	189	7,146	55.3
1945.....	10,275	7,236	3,039	34	127	7,663	59.0
1946.....	9,373	5,661	3,712	35	19	8,533	61.3
1947.....	10,428	7,535	2,893	175	64	9,913	69.1
1948.....	9,079	6,433	2,646	44	341	9,157	62.6
1949.....	9,448	6,998	2,450	27	228	9,429	63.5
Veal:							
1941.....	1,036	599	437	5	(1)	1,005	7.6
1942.....	1,151	667	484	3	1	1,084	8.2
1943.....	1,167	597	570	3	1	1,059	8.2
1944.....	1,738	926	812	4	1	1,594	12.4
1945.....	1,661	823	838	3	1	1,533	11.8
1946.....	1,440	642	798	3	1	1,379	9.9
1947.....	1,599	904	694	17	1	1,540	10.7
1948.....	1,412	791	621	4	5	1,373	9.4
1949.....	1,322	746	576	2	7	1,299	8.7
Lamb and mutton:							
1941.....	923	749	174	6	(1)	901	6.8
1942.....	1,042	879	163	4	1	950	7.2
1943.....	1,104	958	146	3	7	830	6.4
1944.....	1,024	887	137	3	(1)	857	6.6
1945.....	1,054	913	141	5	(1)	943	7.3
1946.....	970	850	120	3	(1)	925	6.6
1947.....	802	717	85	12	(1)	765	5.4
1948.....	750	665	85	5	3	736	5.0
1949.....	607	536	71	3	4	610	4.1
Pork (excluding lard):							
1941.....	9,528	6,345	3,183	111	12	9,007	67.9
1942.....	10,876	7,562	3,314	66	1	8,368	63.3
1943.....	13,640	9,308	4,332	38	8	10,172	78.5
1944.....	13,304	9,456	3,848	54	(1)	10,230	79.2
1945.....	10,697	6,387	4,310	34	2	8,598	66.3
1946.....	11,173	6,642	4,531	75	1	10,530	75.6
1947.....	10,601	7,080	3,521	107	(1)	10,018	69.8
1948.....	10,205	6,832	3,373	85	1	9,990	68.4
1949.....	10,333	7,352	2,981	104	3	10,040	67.6
Lard:							
1941.....	2,228	1,526	702	424	(1)	1,879	14.2
1942.....	2,401	1,724	676	684	(1)	1,759	13.3
1943.....	2,865	2,080	785	776	1	1,820	14.0
1944.....	3,054	2,367	687	894	(1)	1,824	14.1
1945.....	2,066	1,311	755	563	(1)	1,622	12.5
1946.....	2,138	1,344	794	470	(1)	1,669	12.0
1947.....	2,426	1,722	704	387	(1)	1,928	13.4
1948.....	2,356	1,680	676	322	(1)	2,008	13.7
1949.....	2,552	1,923	629	663	(1)	1,929	12.8

¹ Less than 500,000 pounds.

Source: Department of Agriculture, Bureau of Agricultural Economics; *The Livestock and Meat Situation* and *The National Food Situation*.

No. 781.—DAIRYING—COWS KEPT FOR MILK AND PRODUCTION AND PRICES OF DAIRY PRODUCTS: 1930 TO 1950

[See also *Historical Statistics*, series E 152-170]

ITEM	1930	1935	1940	1945	1948	1949	1950
Cows and heifers, 2 yrs. old and over, kept for milk, Jan. 1, number (1,000 head).....	23,032	26,082	24,940	27,770	24,615	23,862	23,853
Value per head.....	\$82.70	\$30.17	\$57.30	\$99.40	\$164.00	\$193.00	\$177.00
Milk produced on farms during year (million pounds).....	100,158	101,205	109,502	121,504	115,527	119,245	120,555
Whole milk sold from farms during year (million pounds) ¹	41,344	42,624	53,272	75,455	74,512	77,986	78,672
Production of dairy products:							
Butter, total (1,000 lbs.) ²	2,121,032	2,171,490	2,239,516	1,700,707	1,508,844	1,694,171	1,657,640
Factory.....	1,597,747	1,632,380	1,836,826	1,363,717	1,210,324	1,412,111	1,386,290
Farm.....	523,285	539,110	402,690	336,990	298,520	282,060	271,350
Cheese, factory (1,000 lbs.) ³	499,698	620,731	785,490	1,116,772	1,098,366	1,199,442	1,192,557
Evaporated and condensed milk (unskimmed) (1,000 lbs.).....	1,761,399	2,031,615	2,730,778	4,125,580	3,755,215	3,106,712	3,205,307
Ice cream (1,000 gallons) ⁴	240,750	199,385	318,058	476,357	576,261	557,929	555,984
Milk equivalent of manufactured dairy products (million pounds) ⁵	54,764	56,769	62,679	61,626	57,659	60,539	60,190
Wholesale prices:							
Wisconsin Cheese Exchange, twins (cents per lb.).....	16.4	14.3	14.3	23.2	40.7	30.4	30.9
Butter, N. Y. (Grade A) (cents per lb.).....	36.5	29.8	29.5	42.8	75.8	61.5	62.2
Prices received by farmers:							
Butter, per pound (cents).....	36.3	26.7	26.6	45.3	66.8	58.1	56.9
Butterfat in cream, per pound (cents).....	34.5	28.1	28.0	50.3	79.7	61.5	61.6
Whole milk:							
Wholesale, per 100 lbs.....	\$2.21	\$1.74	\$1.82	\$3.19	\$4.87	\$3.94	\$3.88
Retail, per quart (cents).....	11.3	9.8	10.3	13.4	18.8	18.6	18.5

¹ Includes sales to plants and dealers, and retail deliveries by farmers direct to consumer.

² Includes whey butter.

³ Excludes cottage, pot, bakers', and full skim American-type.

⁴ Includes data for ice cream made by counter freezers and by other small retailers.

⁵ Based on State data net. Includes whole milk equivalent of farm butter.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual report, *Agricultural Statistics*.

No. 782.—ANIMALS BUTCHERED AND ANIMALS SOLD ALIVE—FARMS REPORTING, NUMBER, AND VALUE, BY KIND: 1949

ITEM	Cattle and calves, total	Cattle	Calves	Hogs and pigs	Sheep and lambs	Horses and mules
ANIMALS BUTCHERED						
Farms reporting.....	960,487	461,302	536,064	3,086,720	122,348	(²)
Number (thousands).....	1,267	557	710	7,369	1187	(²)
ANIMALS SOLD ALIVE						
Farms reporting.....	2,982,616	1,868,166	2,310,438	2,097,807	271,552	256,149
Number (thousands).....	36,319	20,692	15,627	65,512	20,003	622
Value (thousands of dollars).....	4,297,320	3,374,007	923,313	2,383,565	340,304	39,955

¹ Totals for Mountain and Pacific States and Texas.

² Not available.

No. 783.—SPECIFIED LIVESTOCK PRODUCTS—QUANTITY AND VALUE, BY KIND: 1944 AND 1949

[1949 data are preliminary]

PRODUCT	FARMS REPORTING		Unit of quantity	QUANTITY (THOUSANDS)		VALUE (THOUSAND OF DOLLARS)	
	1944	1949		1944	1949	1944	1949
Any dairy products sold.....	2,472,709	2,006,831				2,531,408	3,079,132
Whole milk sold.....	1,163,218	1,096,650	Lb.....	65,221,989	68,344,040	12,114,684	2,716,151
Cream sold (butterfat content).....	1,176,457	862,128	Lb.....	805,102	582,398	1,401,774	352,552
Butter, buttermilk, skim milk, and cheese sold.....	121,137	120,570	Lb.....	135,042	(³)	1214,950	10,428
Wool shorn.....	401,634	285,534	Lb.....	279,979	178,752	118,282	88,813
Chicken eggs sold.....	(³)	2,420,718	Doz.....	(³)	2,409,647	(³)	1,008,401
Chickens sold.....	(³)	1,713,435	No.....	(³)	588,320	(³)	567,767
Turkeys raised.....	193,540	162,244	No.....	27,202	36,404	159,690	(³)

¹ Published value computed on basis of average prices. For this table, value has been adjusted to equal the enumerated value of all dairy products sold.

² Butter sold. ³ Not available.

Source of tables 782 and 783: Department of Commerce, Bureau of Census; *1945 Census of Agriculture*, Vol. II, and preliminary data from 1950 Census of Agriculture.

No. 784.—DAIRY PRODUCTS SOLD, BY STATES: 1944 AND 1949

[1949 data are preliminary]

DIVISION AND STATE	WHOLE MILK SOLD			CREAM SOLD (butterfat content)			OTHER MILK PRODUCTS SOLD, 1949	
	Farms reporting, 1949	Thousands of pounds		Farms reporting, 1949	Thousands of pounds		Farms reporting	Value (\$1,000)
		1944	1949		1944	1949		
United States	1, 096, 650	65, 221, 989	68, 344, 040	862, 128	805, 102	582, 398	120, 570	10, 428
New England	34, 602	3, 471, 438	3, 419, 439	2, 497	2, 013	1, 786	4, 146	795
Maine.....	7, 366	384, 516	409, 850	1, 296	742	607	2, 769	537
New Hampshire.....	4, 166	282, 425	283, 639	361	155	181	516	100
Vermont.....	11, 865	1, 359, 748	1, 341, 774	390	526	281	480	80
Massachusetts.....	5, 774	719, 232	677, 488	268	519	463	224	44
Rhode Island.....	783	121, 854	106, 680	37	13	49	11	7
Connecticut.....	4, 648	603, 663	600, 008	145	57	204	146	28
Middle Atlantic	122, 731	12, 224, 247	12, 726, 222	14, 035	7, 317	7, 719	9, 268	1, 530
New York.....	62, 522	7, 120, 125	7, 480, 811	4, 536	2, 565	2, 739	3, 286	585
New Jersey.....	4, 810	939, 334	930, 121	121	53	337	195	23
Pennsylvania.....	55, 399	4, 164, 787	4, 315, 290	9, 378	4, 700	4, 643	5, 787	921
East North Central	414, 742	25, 174, 741	25, 580, 179	130, 808	125, 610	84, 608	5, 054	718
Ohio.....	83, 234	3, 646, 339	3, 605, 886	27, 012	19, 301	13, 043	2, 105	251
Indiana.....	65, 853	2, 367, 314	2, 354, 709	27, 477	21, 287	14, 821	731	108
Illinois.....	65, 752	3, 574, 497	3, 525, 791	42, 849	33, 005	19, 875	886	131
Michigan.....	62, 907	3, 373, 765	3, 432, 349	28, 429	38, 312	26, 571	1, 209	212
Wisconsin.....	136, 906	12, 212, 825	12, 661, 444	5, 041	13, 705	10, 297	123	16
West North Central	177, 044	6, 935, 614	8, 088, 461	454, 094	501, 690	390, 294	2, 725	216
Minnesota.....	56, 843	3, 138, 502	3, 844, 359	80, 963	147, 114	111, 510	364	21
Iowa.....	22, 510	858, 371	1, 082, 733	123, 418	149, 477	123, 726	172	30
Missouri.....	58, 638	1, 634, 221	1, 816, 061	56, 801	31, 061	25, 193	1, 598	102
North Dakota.....	2, 632	75, 724	98, 906	41, 244	46, 657	33, 124	84	6
South Dakota.....	3, 506	113, 677	138, 048	37, 842	33, 398	26, 605	98	22
Nebraska.....	10, 118	327, 919	327, 436	60, 353	48, 618	38, 094	142	21
Kansas.....	22, 797	787, 198	780, 919	53, 473	45, 365	32, 042	267	14
South Atlantic	76, 374	3, 141, 825	3, 781, 081	45, 060	13, 250	12, 959	47, 549	3, 573
Delaware.....	1, 800	135, 887	140, 659	69	32	50	203	20
Maryland.....	8, 821	844, 629	970, 262	2, 050	909	927	1, 347	174
Dist. of Columbia.....	2	3, 345	1, 086	1	6	6		
Virginia.....	19, 065	665, 837	866, 417	18, 759	6, 548	6, 291	8, 992	624
West Virginia.....	9, 042	247, 645	293, 583	12, 560	3, 550	3, 271	5, 137	360
North Carolina.....	21, 371	425, 529	488, 170	4, 477	1, 081	1, 085	13, 326	941
South Carolina.....	5, 303	150, 741	176, 083	2, 064	239	432	5, 030	449
Georgia.....	8, 675	313, 793	376, 566	4, 644	811	717	12, 864	910
Florida.....	1, 696	354, 415	468, 254	436	75	181	650	95
East South Central	118, 279	2, 466, 246	2, 823, 930	76, 625	26, 163	20, 043	31, 626	1, 962
Kentucky.....	35, 549	724, 232	865, 342	50, 021	17, 151	14, 124	3, 569	235
Tennessee.....	46, 977	925, 438	1, 061, 983	16, 025	6, 846	4, 049	9, 394	632
Alabama.....	13, 151	309, 216	337, 661	5, 589	714	954	13, 518	792
Mississippi.....	22, 622	507, 359	558, 944	4, 990	1, 452	916	5, 145	302
West South Central	61, 255	2, 659, 728	2, 717, 913	78, 284	66, 656	28, 690	18, 468	1, 297
Arkansas.....	16, 132	311, 223	346, 297	17, 859	8, 493	4, 692	5, 504	311
Louisiana.....	4, 687	279, 762	340, 083	907	203	206	1, 320	80
Oklahoma.....	18, 301	621, 129	649, 123	35, 477	37, 632	17, 630	1, 229	122
Texas.....	22, 235	1, 447, 614	1, 382, 410	24, 041	20, 328	6, 263	10, 406	783
Mountain	42, 145	2, 275, 323	2, 040, 788	35, 321	37, 528	21, 815	827	105
Montana.....	3, 011	150, 892	166, 511	11, 811	10, 593	6, 740	110	18
Idaho.....	18, 391	887, 081	770, 986	6, 295	7, 305	3, 665	73	26
Wyoming.....	1, 471	92, 466	84, 962	3, 851	3, 271	1, 977	57	2
Colorado.....	6, 630	376, 597	417, 977	12, 374	10, 995	6, 844	155	30
New Mexico.....	1, 714	86, 500	98, 359	1, 536	2, 350	809	227	12
Arizona.....	1, 523	183, 529	24, 440	1, 256	317	196	98	9
Utah.....	8, 966	460, 510	433, 410	1, 782	1, 574	914	19	2
Nevada.....	409	37, 748	44, 145	416	1, 092	669	19	2
Pacific	49, 478	6, 872, 828	7, 166, 026	22, 404	24, 877	14, 484	907	233
Washington.....	17, 403	1, 311, 428	1, 179, 960	9, 856	9, 456	5, 341	327	73
Oregon.....	13, 173	783, 541	748, 303	10, 060	10, 840	6, 100	175	40
California.....	18, 902	4, 777, 858	5, 237, 763	2, 488	4, 581	3, 043	405	121

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II, and preliminary data from 1950 Census of Agriculture.

No. 785.—DAIRY PRODUCTS MANUFACTURED—QUANTITY, BY KIND: 1945 TO 1950

[See also *Historical Statistics*, series E 157, 159, and 162 for data on creamery butter, ice cream, and total quantity of cheese]

PRODUCT	1945	1946	1947	1948	1949	1950
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Creamery butter (incl. whey butter)-----	1,363,717	1,171,339	1,329,094	1,210,324	1,412,111	1,386,290
Renovated or process butter-----	2,345	1,441	1,219	1,090	1,419	1,306
American cheese:						
Whole milk-----	875,084	801,264	932,718	854,447	935,206	892,929
Part skim-----	1,098	2,696	4,906	3,987	709	2,319
Full skim-----	2,172	2,367	2,153	1,754	1,251	1,774
Swiss cheese (including block)-----	50,065	55,695	71,612	70,665	81,043	99,483
Brick and Munster cheese-----	14,756	17,678	26,533	26,506	30,376	30,148
Limburger cheese-----	8,777	9,548	7,753	7,358	7,150	6,003
Cream cheese and Neufchâtel-----	66,912	78,803	66,503	56,816	58,495	69,459
All Italian varieties of cheese-----	64,628	75,388	38,100	43,579	54,863	61,845
All other varieties of cheese-----	35,452	65,275	34,821	35,008	31,510	30,371
Condensed milk (sweetened):						
Skimmed-----	519,404	818,378	542,056	239,652	215,295	210,501
Unskimmed-----	220,322	183,656	247,286	171,837	148,081	101,108
Unsweetened condensed milk (plain):						
Skimmed-----	454,443	487,219	403,194	494,036	537,668	523,182
Unskimmed-----	128,875	98,471	174,525	200,485	202,851	221,724
Evaporated milk, unskimmed (unsweetened)...	3,776,383	3,050,643	3,208,027	3,382,893	2,755,780	2,882,472
Concentrated skim milk (for animal feed)...	12,250	23,408	18,642	22,633	13,873	12,071
Condensed or evaporated buttermilk (including concentrated product)...	160,441	226,708	189,135	170,954	178,383	183,470
Dry buttermilk-----	49,578	38,627	45,437	41,839	49,359	48,668
Dry whole milk-----	217,276	188,406	164,888	170,087	125,541	124,986
Nonfat dry milk solids ¹ -----	600,654	667,169	700,090	694,677	956,178	898,651
Dry cream-----	208	567	320	312	178	459
Dry whey-----	135,920	147,953	157,583	125,185	159,358	153,578
Dry casein (skim milk or buttermilk product)...	12,333	18,319	35,831	14,372	18,348	18,531
Malted milk powder-----	42,751	45,029	37,854	31,361	25,369	30,710
	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>
Ice cream of all kinds ² -----	476,357	713,594	630,766	576,261	557,929	555,984
Sherbets (does not include water ices)-----	65,177	12,019	10,447	12,211	13,616	17,070
Ice milk-----	12,527	15,471	15,829	19,885	29,651	36,530
Other frozen dairy products-----	6,455	5,626	5,542	4,986	³ 6,754	8,948

¹ Includes dry skim milk for animal feed.² Includes data for ice cream made by counter freezers and by other small retailers.³ Not comparable with previous years.Source: Department of Agriculture, Bureau of Agricultural Economics; annual report, *Production of Manufactured Dairy Products*; also published in annual report, *Agricultural Statistics*.

No. 786.—OLEOMARGARINE—PRODUCTION AND MATERIALS CONSUMED: 1934 TO 1950

[In thousands of pounds. Colored oleomargarine is taxed 10 cents per pound; uncolored, $\frac{1}{4}$ cent per pound]

YEAR ENDING JUNE 30—	OLEOMARGARINE PRODUCTION			MATERIAL CONSUMED	YEAR ENDING JUNE 30—			
	Total	Colored	Uncolored		1947	1948	1949	1950
1934-----	243,187	2,689	240,498	Total-----	653,872	904,999	872,541	890,213
1935-----	353,821	2,905	350,916	Coconut oil-----	27,150	13,223	890	12
1936-----	371,738	2,773	368,964	Corn oil-----	5,726	4,158	1,539	385
1937-----	389,264	1,967	387,297	Cottonseed oil-----	247,751	433,069	435,250	446,384
1938-----	415,404	1,649	413,755	Derivative of glycerine-----	1,046	1,443	1,270	1,277
1939-----	332,973	1,381	331,592	Lecithin-----	773	1,189	1,458	1,651
1940-----	303,717	1,860	301,858	Milk-----	108,151	150,318	144,401	147,484
1941-----	343,935	4,489	339,446	Monostearine-----	667	899	725	813
1942-----	368,805	14,828	353,977	Neutral lard-----	2,316	3,580	4,119	3,874
1943-----	548,468	116,070	431,498	Oleo oil-----	2,955	3,230	3,507	3,486
1944-----	609,026	135,003	474,023	Oleo stearine-----	2,880	3,442	3,058	2,998
1945-----	612,999	72,686	540,313	Peanut oil-----	15,990	14,702	4,009	82
1946-----	551,203	66,410	484,792	Salt-----	19,970	27,387	26,289	26,772
1947-----	642,406	65,960	576,446	Soya bean oil-----	217,264	246,841	244,544	253,334
1948-----	890,333	75,243	815,091	Other-----	1,234	1,516	1,482	1,661
1949-----	858,613	126,677	731,936					
1950-----	876,740	271,495	604,245					

Source: Treasury Department, Bureau of Internal Revenue; *Annual Report of the Commissioner*.

No. 787.—POULTRY—NUMBER ON FARMS, VALUE, EGGS PRODUCED AND PRICES: 1930 TO 1950

[See also *Historical Statistics* series E 171-180]

YEAR	CHICKENS				EGGS		TURKEYS			
	Number, Jan. 1	Value per head, Jan. 1	Number pro- duced	Price per pound ¹	Number pro- duced	Price per dozen ¹	Number Jan. 1	Value per head, Jan. 1	Number pro- duced	Price per pound ¹
	<i>Thou- sands</i>	<i>Dollars</i>	<i>Thou- sands</i>	<i>Cents</i>	<i>Millions</i>	<i>Cents</i>	<i>Thou- sands</i>	<i>Dollars</i>	<i>Thou- sands</i>	<i>Cents</i>
1930.....	468,491	0.928	714,380	18.4	39,067	23.7	5,969	3.00	17,052	20.0
1935.....	389,958	.544	597,769	14.9	33,609	23.4	5,499	2.18	20,487	20.1
1940.....	438,288	.605	555,563	13.2	39,695	18.0	8,569	2.14	33,572	15.4
1941.....	422,841	.654	664,115	15.8	41,878	23.5	7,193	2.26	32,497	19.9
1942.....	476,935	.833	751,843	19.0	48,597	30.0	7,485	3.08	32,359	27.5
1943.....	542,047	1.040	913,707	24.5	54,539	37.1	6,600	4.47	31,854	32.6
1944.....	582,197	1.180	724,871	24.0	53,530	32.5	7,429	5.33	35,170	34.0
1945.....	516,497	1.210	823,452	26.1	55,558	37.7	7,203	5.78	43,791	33.6
1946.....	530,203	1.270	653,403	28.0	55,590	37.5	8,493	5.75	40,291	36.2
1947.....	474,441	1.440	660,366	26.8	55,252	45.3	6,650	6.47	34,648	36.4
1948.....	461,550	1.440	556,340	30.6	55,153	47.2	4,450	6.87	31,570	46.7
1949.....	448,676	1.660	658,006	25.7	56,629	45.2	5,540	8.70	41,980	35.1
1950.....	480,834	1.360	581,345	23.4	60,046	36.2	5,986	6.25	44,721	32.8

¹ Average annual price received by farmers.Source: Department of Agriculture, Bureau of Agricultural Economics; annual report, *Agricultural Statistics*.

No. 788.—PROCESSING OF EGGS AND POULTRY: 1935 TO 1951

[In thousands of pounds]

YEAR	DRIED EGG PRODUCED			Liquid egg used for immediate consump- tion	Frozen egg produced	Poultry for sale certified for evis- ceration under U.S. Govt. inspec- tion ^{1 2}	Canned poultry ¹
	Whole	Albumen	Yolk				
1935.....	61	133	2,806	-----	-----	-----	-----
1936.....	126	267	1,093	-----	-----	-----	-----
1937.....	74	541	1,776	-----	-----	-----	-----
1938.....	179	1,510	4,313	10,400	116,100	8,264	-----
1939.....	184	2,305	7,550	12,089	177,144	20,202	-----
1940.....	392	1,916	5,179	12,646	189,578	26,181	-----
1941.....	31,241	4,391	9,648	18,765	237,182	31,335	-----
1942.....	226,127	2,253	7,269	21,429	257,631	59,241	-----
1943.....	252,903	2,093	6,976	26,317	412,615	94,517	89,763
1944.....	311,369	2,310	7,063	32,844	511,791	79,349	131,801
1945.....	96,988	1,710	7,164	18,704	397,579	113,175	146,587
1946.....	115,344	2,112	7,988	20,031	392,218	155,576	125,197
1947.....	80,037	1,493	4,031	15,817	371,096	121,487	87,552
1948.....	36,019	2,678	5,578	16,901	345,192	149,673	146,993
1949.....	69,411	2,266	4,285	18,828	318,327	212,853	128,231
1950.....	86,993	3,605	2,820	20,115	354,148	337,909	152,049
1951.....	10,525	3,789	3,286	18,340	339,537	525,798	170,774

¹ Dressed weight.² Source: Production and Marketing Administration.³ Includes amounts which were later dried: 115,752,000 pounds for 1942; 159,346,000 for 1943; 179,146,000 for 1944; 122,167,000 for 1945; 84,129,000 for 1946; 20,538,000 for 1947; 25,311,000 for 1948; 32,395,000 for 1949; 32,134,000 for 1950; 23,220,000 for 1951. Also included in dried figures for each year.Source: Department of Agriculture, Bureau of Agricultural Economics, except as noted; annual report, *Agricultural Statistics*.

No. 789.—CHICKENS ON FARMS, 1945 AND 1950, EGGS AND CHICKENS SOLD, 1949,
BY STATES

[1950 data are preliminary]

DIVISION AND STATE	CHICKENS ¹				CHICKEN EGGS SOLD, 1949		CHICKENS SOLD, 1949	
	Farms reporting (thousands)		Number on hand (thousands)		Farms reporting (thou- sands)	Number (thou- sands of dozens)	Farms reporting (thou- sands)	Number (thou- sands)
	1945 (Jan. 1)	1950	1945 (Jan. 1)	1950				
United States.....	4,900.9	4,215.6	433,111	342,464	2,420.7	2,409,647	1,713.4	588,320
New England.....	83.5	50.8	13,851	12,181	29.4	129,006	25.8	38,709
Maine.....	21.5	13.7	2,184	2,410	7.4	25,069	6.7	9,232
New Hampshire.....	9.9	6.6	2,267	1,988	4.3	22,876	3.8	4,819
Vermont.....	12.9	9.1	930	760	4.4	6,944	3.4	1,187
Massachusetts.....	22.0	11.4	4,779	4,001	7.2	40,944	6.6	11,037
Rhode Island.....	2.5	1.3	509	431	1.0	3,737	1.0	913
Connecticut.....	14.8	8.7	3,183	2,590	5.2	29,434	4.6	11,570
Middle Atlantic.....	257.3	200.4	42,055	38,117	127.7	352,841	100.4	55,288
New York.....	100.4	72.5	13,356	10,352	41.8	95,387	30.4	15,735
New Jersey.....	20.1	16.7	8,377	10,076	11.2	107,752	9.7	11,951
Pennsylvania.....	136.9	111.1	20,322	17,689	74.8	149,703	60.3	27,602
East North Central.....	795.0	666.6	82,071	63,692	491.6	488,495	379.1	72,033
Ohio.....	181.8	152.7	17,326	13,427	108.3	113,045	81.6	15,954
Indiana.....	150.6	128.7	15,103	12,512	97.1	102,978	85.4	23,992
Illinois.....	182.5	161.5	21,631	17,385	130.5	117,206	109.3	14,771
Michigan.....	133.5	104.7	11,338	8,456	64.0	59,283	47.2	8,533
Wisconsin.....	146.6	119.0	16,674	11,912	91.8	95,983	57.7	8,789
West North Central.....	905.5	798.4	125,741	98,738	667.9	797,400	520.1	75,532
Minnesota.....	157.7	136.3	26,672	22,964	123.4	222,925	94.8	16,308
Iowa.....	190.2	173.7	33,219	26,508	157.9	231,264	137.8	22,221
Missouri.....	212.7	192.6	21,455	16,826	138.0	105,458	105.9	15,367
North Dakota.....	58.2	45.9	5,235	3,340	34.2	16,093	21.7	1,762
South Dakota.....	60.5	54.0	8,513	7,204	47.4	51,347	38.1	5,281
Nebraska.....	101.4	89.0	14,655	10,599	77.9	84,061	61.1	7,850
Kansas.....	124.7	106.8	15,993	11,326	89.1	86,261	60.7	6,744
South Atlantic.....	881.9	781.5	42,402	33,928	297.5	137,310	203.3	207,533
Delaware.....	6.3	5.1	1,074	757	2.6	6,049	3.7	59,304
Maryland.....	34.0	28.2	3,793	2,950	16.6	18,828	15.4	39,072
District of Columbia.....	(²)	(²)	14	(³)	(²)	3	(²)	(³)
Virginia.....	150.5	126.4	8,955	6,765	68.1	33,912	43.2	24,604
West Virginia.....	79.1	66.6	3,541	2,962	32.6	12,621	21.9	11,865
North Carolina.....	244.6	237.2	10,792	9,002	83.9	27,572	61.7	17,220
South Carolina.....	128.6	115.9	4,646	3,551	28.5	7,093	15.9	8,411
Georgia.....	195.3	163.7	7,138	5,558	52.2	17,449	34.6	46,859
Florida.....	43.4	38.4	2,448	2,381	12.9	13,783	8.9	6,097
East South Central.....	838.5	779.1	35,408	27,819	355.0	74,490	224.0	21,774
Kentucky.....	203.9	185.8	10,256	8,175	107.4	25,709	73.9	4,323
Tennessee.....	208.3	200.1	10,404	8,041	112.8	24,243	76.2	4,014
Alabama.....	200.9	183.6	7,358	5,775	69.2	14,062	37.9	6,119
Mississippi.....	225.4	200.6	7,390	5,828	65.6	10,475	36.0	7,314
West South Central.....	779.1	644.8	52,514	33,425	314.4	134,569	172.4	61,650
Arkansas.....	173.3	152.3	7,249	5,464	59.5	13,738	42.0	29,880
Louisiana.....	116.9	107.0	4,996	3,726	34.1	5,885	14.0	1,166
Oklahoma.....	149.9	120.2	11,607	7,421	72.4	35,081	43.2	4,439
Texas.....	339.0	265.3	28,662	16,814	148.5	79,228	73.3	26,166
Mountain.....	165.2	135.7	13,447	10,034	68.8	62,590	40.8	8,463
Montana.....	29.7	25.1	2,029	1,401	14.1	6,196	7.9	809
Idaho.....	32.2	27.4	2,169	1,525	13.2	8,626	8.4	1,202
Wyoming.....	10.7	9.5	697	542	5.1	2,493	2.8	333
Colorado.....	40.1	34.8	3,444	2,570	20.2	14,485	11.9	2,411
New Mexico.....	22.2	16.4	1,198	831	5.8	3,106	3.46	551
Arizona.....	9.4	6.3	638	492	2.4	2,718	1.06	850
Utah.....	18.2	14.2	2,987	2,502	7.0	23,999	4.3	2,176
Nevada.....	2.7	2.2	285	170	.9	967	.56	132
Pacific.....	194.8	158.3	25,623	24,530	68.4	232,945	47.9	47,332
Washington.....	61.9	44.7	5,351	3,749	21.3	36,512	13.6	6,190
Oregon.....	48.8	40.1	3,501	2,843	18.7	24,237	11.6	3,834
California.....	84.1	73.5	16,772	17,938	28.4	172,397	22.3	37,299

¹ Chickens 4 months old and over.² 50 or less.³ 500 or less.

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II, and preliminary data from 1950 Census of Agriculture.

No. 790.—POULTRY AND EGGS—FARM AND COMMERCIAL PRODUCTION, BY STATES: 1944-48 AVERAGE, AND 1950

[Eggs in millions; other figures in thousands]

DIVISION AND STATE	EGGS PRODUCED ON FARMS		CHICKENS RAISED ON FARMS		COMMERCIAL BROILERS PRODUCED		TURKEYS RAISED		CHICKS HATCHED BY COMMERCIAL HATCHERIES	
	1944-48 avg.	1950	1944-48 avg.	1950	1944-48 avg.	1950	1944-48 avg.	1950	1944-48 avg.	1950
United States	56,078	60,046	775,086	670,275	307,463	616,185	37,464	45,041	1,345,257	1,538,221
New England	2,433	2,703	26,946	27,059	19,885	46,825	819	830	90,091	123,698
Maine.....	395	498	5,004	5,365	2,468	16,923	49	47	7,507	14,351
New Hampshire.....	378	414	4,633	4,972	2,834	4,821	74	74	24,588	35,432
Vermont.....	171	171	1,798	1,595	489	576	148	120	1,452	1,450
Massachusetts.....	870	942	8,849	8,491	5,204	9,822	321	328	24,778	33,100
Rhode Island.....	93	102	932	1,046	536	836	32	34	2,752	1,910
Connecticut.....	526	576	5,730	5,590	8,354	14,347	194	227	29,015	37,455
Middle Atlantic	6,412	8,036	75,404	73,073	16,248	29,509	2,377	2,808	118,274	129,716
New York.....	2,229	2,514	22,804	22,489	6,254	9,784	714	890	24,684	25,506
New Jersey.....	1,274	1,445	14,541	14,885	3,817	6,163	344	416	29,984	38,500
Pennsylvania.....	2,910	3,377	38,059	35,699	6,176	13,562	1,319	1,502	63,606	65,710
East North Central	11,451	12,114	146,230	130,059	23,873	57,122	4,421	5,725	315,139	293,617
Ohio.....	2,598	2,647	31,114	27,366	4,273	5,823	1,107	1,305	62,541	60,400
Indiana.....	2,096	2,252	32,362	29,968	6,926	27,902	908	1,427	95,841	97,452
Illinois.....	2,640	2,993	37,374	30,033	7,604	14,610	1,008	1,219	104,244	84,336
Michigan.....	1,705	1,714	21,808	20,717	1,182	2,180	844	1,053	26,940	27,835
Wisconsin.....	2,412	2,518	23,572	21,975	3,888	6,607	554	721	25,573	23,594
West North Central	16,724	17,618	218,319	175,112	8,517	27,557	10,394	11,861	343,342	299,940
Minnesota.....	3,887	4,261	43,248	33,684	1,298	2,193	3,495	4,146	61,585	57,700
Iowa.....	4,333	4,788	54,918	43,625	3,146	6,007	2,575	3,133	92,309	76,600
Missouri.....	2,834	3,004	37,666	32,173	3,066	14,288	1,547	1,729	98,000	86,700
North Dakota.....	591	537	9,183	6,468	—	—	781	775	5,628	5,400
South Dakota.....	1,082	1,129	16,260	12,988	—	—	353	315	16,790	13,170
Nebraska.....	1,904	1,835	29,002	23,381	100	2,975	893	950	30,778	26,520
Kansas.....	2,093	2,063	28,043	22,793	906	2,094	750	813	38,251	33,850
South Atlantic	4,523	4,703	83,424	68,256	178,046	296,519	3,128	5,138	233,678	369,290
Delaware.....	133	142	2,456	1,991	57,721	81,226	82	74	37,332	54,902
Maryland.....	500	532	7,770	6,336	34,740	54,437	420	438	57,442	81,693
Virginia.....	1,133	1,254	14,925	11,880	23,995	40,033	1,180	1,084	38,618	54,867
West Virginia.....	495	513	6,051	5,355	8,469	15,079	414	887	5,513	8,923
North Carolina.....	975	1,009	22,051	17,549	16,024	25,015	365	559	35,707	53,584
South Carolina.....	353	341	9,739	7,824	3,500	8,801	385	771	7,146	12,258
Georgia.....	644	661	15,240	13,253	27,539	62,892	174	294	39,905	86,063
Florida.....	240	251	5,191	4,068	6,058	9,036	109	131	12,015	17,000
East South Central	3,512	3,357	69,736	58,472	11,007	36,232	588	686	40,173	60,754
Kentucky.....	1,223	1,212	21,008	16,839	1,154	1,908	210	244	11,031	10,300
Tennessee.....	1,069	981	18,568	15,640	1,970	4,205	153	191	12,078	13,500
Alabama.....	659	622	14,690	12,600	4,787	13,114	139	146	9,913	16,300
Mississippi.....	562	542	15,470	13,393	3,096	17,005	86	105	7,151	20,654
West South Central	5,545	5,119	87,602	73,819	32,601	88,261	4,615	5,402	96,678	127,641
Arkansas.....	672	633	13,659	12,068	17,592	49,179	114	315	11,549	36,010
Louisiana.....	348	315	9,007	9,054	1,388	2,790	47	64	5,194	6,458
Oklahoma.....	1,400	1,294	20,972	16,814	872	2,909	576	545	25,855	17,850
Texas.....	3,126	2,777	43,304	35,883	12,749	33,383	3,878	4,478	54,080	67,823
Mountain	1,769	1,837	24,838	21,737	764	2,686	2,965	2,955	16,467	19,658
Montana.....	239	250	3,875	3,343	—	—	142	130	1,734	2,287
Idaho.....	300	306	4,083	3,715	—	—	237	246	3,141	3,671
Wyoming.....	100	103	1,369	1,224	—	—	145	124	437	441
Colorado.....	443	448	6,870	5,497	182	1,638	794	632	6,157	8,200
New Mexico.....	133	120	2,102	1,612	—	—	85	108	1,103	990
Arizona.....	79	76	1,115	1,064	582	1,048	80	57	1,360	1,494
Utah.....	434	494	5,031	4,556	—	—	1,420	1,627	2,452	2,575
Nevada.....	41	40	439	426	—	—	42	31	103	100
Pacific	3,708	4,559	42,585	42,688	16,522	31,474	8,157	9,636	91,415	113,907
Washington.....	787	849	9,317	9,057	2,731	5,860	1,264	973	15,954	19,380
Oregon.....	484	477	5,602	5,161	1,142	2,130	2,114	1,628	7,620	12,600
California.....	2,438	3,233	27,666	28,470	12,649	23,484	4,779	7,035	67,841	81,927

Source: Department of Agriculture, Bureau of Agricultural Economics; annual report, *Agricultural Statistics*.

No. 791.—ANIMAL PRODUCTS AND FISH—COLD-STORAGE HOLDINGS, BY KIND, BY MONTHS: 1947 TO 1951

[In thousands of pounds, except shell eggs, thousands of 30-dozen cases and "all meats," millions of pounds. Quantities are net weights and are as of 1st of each month. Beef and pork figures cover frozen, cured, and in process of cure]

PRODUCT AND YEAR	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Creamery butter:												
1947	27,874	18,224	9,988	7,818	9,194	17,445	51,625	83,286	88,364	76,912	72,125	46,002
1948	23,672	13,399	7,323	3,482	4,449	18,638	53,073	83,105	97,624	93,850	83,412	60,214
1949	33,615	18,737	8,718	6,318	15,338	51,056	102,701	136,786	153,855	154,455	144,819	130,452
1950	113,993	103,657	92,886	93,489	109,020	136,867	185,167	230,063	239,398	234,111	208,228	159,873
1951	105,192	75,329	52,507	33,378	32,207	42,590	72,598	104,405	116,790	113,501	94,611	59,349
American cheese:												
1947	93,873	87,459	74,795	71,757	88,737	106,479	130,005	151,661	169,571	164,651	151,455	139,356
1948	128,188	107,236	93,570	90,469	91,907	106,712	140,038	168,809	185,324	182,449	167,535	140,791
1949	126,534	116,779	111,073	105,608	109,920	117,021	140,859	162,346	183,208	188,259	185,839	175,764
1950	163,670	159,906	149,004	141,946	153,185	186,062	229,785	256,395	287,977	292,421	276,900	233,733
1951	187,157	155,117	137,397	130,655	144,441	169,553	204,009	227,199	233,788	239,500	229,561	204,683
All varieties of cheese:												
1947	123,592	114,606	98,053	93,427	113,854	133,495	161,363	185,202	202,597	193,849	176,626	162,682
1948	147,683	124,106	110,125	103,350	105,263	123,507	165,201	197,220	217,819	212,282	195,470	164,410
1949	148,100	135,110	126,503	120,563	125,903	134,765	162,256	185,517	210,411	213,433	209,515	196,125
1950	188,653	176,821	163,922	158,134	171,553	208,980	254,246	280,948	316,661	326,907	310,240	261,259
1951	212,493	179,577	160,621	155,095	169,822	197,412	234,680	262,540	269,654	272,053	259,415	232,908
Shell eggs:												
1947	767	287	221	508	1,742	3,452	4,203	4,268	3,807	2,804	1,818	824
1948	196	269	374	1,165	3,091	4,903	5,669	5,525	4,608	3,290	1,686	444
1949	159	152	144	630	954	1,943	2,290	1,936	1,426	810	501	290
1950	110	380	735	1,296	2,147	3,412	3,667	3,163	2,658	1,558	502	61
1951	34	75	159	309	973	2,083	2,427	2,270	1,615	958	527	230
Frozen eggs:¹												
1947	102,437	80,800	73,564	98,718	153,876	202,245	237,303	241,573	234,434	216,762	189,596	164,678
1948	138,192	122,438	120,665	143,253	195,954	248,574	266,748	257,367	233,431	200,968	169,287	139,298
1949	104,932	71,532	58,621	77,319	107,058	141,361	166,582	168,394	146,868	121,476	96,332	72,556
1950	53,902	55,052	73,159	116,546	155,108	179,732	188,476	174,761	156,389	133,002	104,378	75,582
1951	47,310	31,157	32,712	62,298	109,253	162,659	189,980	200,818	176,273	151,293	121,592	95,143
Frozen poultry:												
1947	316,577	316,792	283,825	242,485	208,256	187,717	171,260	174,627	183,024	205,653	277,870	317,112
1948	317,463	293,640	262,374	205,745	153,424	117,935	99,507	91,186	88,234	108,368	154,617	171,472
1949	160,834	148,418	131,496	108,732	89,205	77,823	74,733	71,261	83,466	132,380	211,517	267,508
1950	292,513	295,736	260,523	212,058	167,000	136,548	122,328	103,367	106,179	140,352	217,999	269,640
1951	281,972	284,623	243,232	192,913	147,203	125,359	112,369	106,692	121,493	166,242	259,020	300,943
Beef:												
1947	156,019	179,767	184,901	191,481	166,367	137,580	106,282	94,491	97,390	85,317	101,720	133,537
1948	175,231	176,110	165,169	144,254	113,725	96,755	82,705	70,559	68,837	73,939	87,775	110,587
1949	149,329	150,858	140,125	127,169	107,598	86,761	74,237	68,429	65,083	63,076	69,721	91,169
1950	120,736	130,439	112,721	100,295	90,872	72,402	60,431	60,503	72,905	81,156	94,508	113,235
1951	146,925	160,673	149,040	131,258	110,760	100,218	89,986	87,430	98,636	94,881	124,856	182,300
Pork:												
1947	276,232	399,473	399,317	397,794	394,421	364,531	352,814	331,746	264,124	195,896	187,971	304,851
1948	527,159	659,309	700,114	661,399	606,827	580,056	582,496	508,213	359,794	234,909	203,163	310,706
1949	469,153	585,215	611,123	586,429	545,231	466,108	412,590	367,043	283,178	204,678	209,687	297,205
1950	473,741	582,737	573,108	548,640	541,955	492,194	469,361	394,402	308,588	240,544	219,758	326,300
1951	499,408	668,007	641,565	648,384	654,497	616,231	572,372	496,171	401,573	325,595	276,255	381,870
All meats:												
1947	554	731	736	748	715	648	597	549	473	381	390	562
1948	857	996	1,031	968	851	790	779	686	528	395	382	535
1949	763	889	903	861	791	673	612	547	451	362	370	493
1950	725	850	816	778	749	674	633	543	466	410	405	545
1951	770	960	918	906	892	839	778	701	605	522	499	688
Frozen fish:												
1947	152,803	127,381	97,939	78,242	70,203	79,733	90,158	110,611	132,930	135,870	140,070	142,102
1948	133,844	112,046	90,491	76,743	68,268	85,601	100,537	127,474	135,928	140,161	148,049	158,008
1949	150,974	127,635	104,138	82,722	74,940	91,453	114,031	127,216	146,344	150,608	156,077	158,719
1950	146,813	125,516	105,818	87,133	79,027	97,773	116,897	137,307	153,625	158,473	166,105	165,394
1951	157,722	130,880	106,834	96,367	88,803	105,944	127,351	146,891	161,628	166,100	171,924	179,134
Lard and rendered pork fat:												
1947	68,756	122,988	117,557	100,254	127,680	148,663	175,269	193,736	162,565	125,579	90,437	73,377
1948	113,286	133,513	137,416	129,028	138,924	150,660	181,327	174,304	139,751	96,587	66,526	77,021
1949	116,397	160,610	179,628	156,782	138,216	125,823	103,890	96,255	68,419	48,768	38,320	39,808
1950	73,995	92,949	81,174	87,306	108,105	128,467	136,258	106,613	75,896	58,241	52,128	57,794
1951	69,857	89,321	89,433	78,352	75,171	68,639	68,754	46,820	34,702	28,372	31,344	39,229

¹ Frozen eggs may be converted to cases on basis of 37.5 pounds to a case.

Source: Frozen fish, Department of Interior, Fish and Wildlife Service; annual bulletins. Other figures, Department of Agriculture, Production and Marketing Administration; annual report, *Agricultural Statistics*; also published in monthly mimeographed reports.

**No. 792.—WOOL—STOCKS, PRODUCTION, PRICE, IMPORTS, AND EXPORTS:
1921 to 1951**

ITEM	1921-1925	1926-1930	1931-1935	1936-1940	1941-1945	1946-1950
Sheep and lambs shorn (thousands).....	32, 160	39, 753	45, 891	45, 069	45, 366	29, 404
Weight per fleece (pounds).....	7.4	7.8	8.0	8.0	7.9	8.1
Shorn wool production (1,000 lbs.).....	238, 333	310, 682	366, 368	360, 583	360, 191	238, 485
Price per pound (cents) ¹	32.0	30.0	16.8	25.7	40.3	47.9
Pulled wool production (1,000 lbs.).....	44, 720	53, 600	64, 780	64, 680	68, 340	46, 500
Apparel wool (1,000 lbs.):						
Total production.....	283, 053	364, 282	431, 148	425, 263	428, 531	284, 985
Imports, less reexports ²	183, 293	107, 522	37, 404	122, 572	669, 237	589, 483
Exports, domestic ³	699	300	122	412	12, 869	10, 491
Total new supply ⁴	465, 647	471, 504	468, 430	547, 423	1, 084, 893	863, 978
Carpet wool, imports (1,000 lbs.) ²	138, 086	134, 601	101, 004	133, 368	84, 610	130, 187

ITEM	1946	1947	1948	1949	1950	1951 ⁷
Stocks of apparel wool, Jan. 1 (1,000 lbs.) ⁵	797, 969	892, 869	706, 140	348, 231	258, 374	227, 745
Sheep and lambs shorn (thousands).....	34, 647	30, 953	28, 649	26, 382	26, 387	27, 357
Weight per fleece (pounds).....	8.1	8.1	8.1	8.1	8.2	8.2
Shorn wool production (1,000 lbs.).....	280, 908	251, 425	231, 770	212, 899	215, 422	225, 645
Price per pound (cents) ¹	42.3	41.9	48.7	49.3	57.3	98.5
Pulled wool production (1,000 lbs.).....	61, 300	56, 600	46, 600	35, 600	32, 400	24, 900
Apparel wool (1,000 lbs.):						
Total production.....	342, 208	308, 025	278, 370	248, 499	247, 822	250, 445
Imports, less reexports ²	924, 015	528, 171	596, 466	347, 964	550, 801	467, 351
Exports, domestic ³	16, 008	12, 720	1, 154	15, 775	6, 796	260
Total new supply ⁴	1, 250, 215	823, 476	873, 682	580, 688	791, 827	717, 536
Carpet wool, imports (1,000 lbs.) ²	125, 807	112, 119	160, 634	86, 621	165, 755	86, 103

¹ Price received by farmers.

² Imports for consumption beginning 1934, general imports prior thereto. Apparel wool for all years includes item "not finer than 40's" both free and dutiable. Carpet wool includes only Domsloi, Smyrna, East Indian, Chinese, and similar wool without merino or English blood.

³ For the years 1930-35 the item "not finer than 40's" has been deducted from carpet wool totals reported by Department of Commerce and added to apparel wool, thus making entire series comparable.

⁴ Excludes 222,222 lbs. in 1942; 275,476,308 lbs. in 1943; 2,725,929 lbs. in 1944; 5,372,698 lbs. in 1945; and 14,840 lbs. in 1946, imported free of duty as an act of international courtesy. Wool so imported consisted almost entirely of wool stored in this country for the British Government, and later re-exported. This wool was not available to domestic mills.

⁵ Includes hair of angora goat, alpaca, and other like animals. Includes a small amount of carpet wool beginning 1943.

⁶ Production, minus exports, plus imports; stocks not taken into consideration.

⁷ Preliminary.

⁸ As reported by Bureau of Census. Includes wool stored in bonded warehouses prior to payment of duty. Excludes wool on farms for all years, and wool stored for British Government for re-export, 1946.

⁹ As of April 1.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual report, *Agricultural Statistics*. Exports and imports from Department of Commerce, Bureau of the Census; annual report, *Foreign Commerce and Navigation of the U. S.*

No. 793.—WOOL—PRODUCTION, PRICE, AND CASH RECEIPTS, BY REGION:
1946 to 1951

ITEM AND YEAR	United States	North Atlantic	E. N. Central	W. N. Central	South Atlantic	South Central	Western
Sheep and lambs shorn (thousands): ¹							
1946.....	34,647	491	2,958	5,068	687	10,668	14,775
1947.....	30,953	438	2,674	4,587	657	9,416	13,181
1948.....	28,649	405	2,480	4,173	618	8,531	12,442
1949.....	26,382	379	2,285	3,824	609	7,531	11,754
1950.....	26,387	366	2,242	3,932	611	7,826	11,410
1951.....	27,357	374	2,331	4,360	639	7,863	11,790
Weight per fleece (pounds):							
1946.....	8.11	7.30	8.03	7.84	5.24	7.46	8.84
1947.....	8.12	7.34	8.13	8.03	5.34	7.44	8.81
1948.....	8.09	7.28	8.03	7.85	5.39	7.40	8.81
1949.....	8.07	7.29	8.00	7.88	5.40	7.57	8.63
1950.....	8.16	7.47	8.16	7.95	5.47	7.41	8.92
1951.....	8.24	7.42	8.08	8.29	5.42	7.07	9.22
Shorn wool production (1,000 lbs.):							
1946.....	280,908	3,582	23,763	39,741	3,598	79,595	130,629
1947.....	251,425	3,213	21,738	36,846	3,506	70,059	116,063
1948.....	231,770	2,949	19,908	32,774	3,329	63,152	109,658
1949.....	212,899	2,763	18,273	30,145	3,287	56,973	101,458
1950.....	215,422	2,734	18,294	31,244	3,341	58,000	101,809
1951.....	225,545	2,776	18,834	36,149	3,463	55,583	108,740
Price per pound (cents): ²							
1946.....	42.3	45.4	45.0	43.3	50.8	43.5	40.4
1947.....	41.9	43.9	44.3	41.4	47.0	43.2	40.7
1948.....	48.7	48.9	46.4	45.0	48.0	53.1	47.8
1949.....	49.3	47.2	46.4	44.4	48.8	54.8	48.3
1950.....	57.3	55.0	53.1	53.8	55.3	62.9	56.0
1951.....	99.5	98.3	99.5	95.6	99.7	101.0	100.0
Cash receipts (\$1,000):							
1946.....	118,765	1,625	10,704	17,205	1,829	34,589	52,813
1947.....	105,360	1,410	9,622	15,194	1,651	30,273	47,210
1948.....	112,962	1,442	9,232	14,753	1,597	33,554	52,384
1949.....	105,034	1,304	8,482	13,381	1,605	31,246	49,016
1950.....	123,340	1,505	9,722	16,798	1,846	36,465	57,004
1951.....	224,515	2,728	18,231	34,542	3,453	56,023	109,038

¹ Includes sheep shorn at commercial feeding yards.

² Price received by farmers.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual report, *Agricultural Statistics*.

No. 794.—WOOL CONSUMED IN MANUFACTURES: 1924 TO 1951

[In millions of pounds. See also *Historical Statistics*, series J 176]

YEAR	SCOURED BASIS ¹			YEAR	SCOURED BASIS ¹		
	Total	Apparel class ²	Carpet class		Total	Apparel class ²	Carpet class
1924.....	342.2	249.7	92.5	1938.....	284.5	219.6	64.9
1925.....	349.9	251.7	98.2	1939.....	306.5	233.1	103.4
1926.....	342.7	254.7	88.0	1940.....	407.9	310.0	97.9
1927.....	354.1	258.7	95.4	1941.....	648.0	514.4	133.6
1928.....	353.2	252.4	100.8	1942.....	603.6	560.5	43.1
1929.....	368.1	263.2	114.9	1943.....	636.2	603.3	32.9
1930.....	263.2	200.7	62.5	1944.....	622.5	577.0	45.5
1931.....	311.0	237.7	73.3	1945.....	645.1	589.2	55.9
1932.....	230.1	188.5	41.6	1946.....	³ 737.5	609.6	127.9
1933.....	317.1	245.5	71.6	1947.....	³ 698.3	525.9	172.4
1934.....	229.6	167.6	62.1	1948.....	³ 693.1	485.2	207.9
1935.....	417.5	319.0	98.5	1949.....	³ 600.4	339.0	161.4
1936.....	406.1	299.8	106.3	1950.....	³ 634.8	436.9	197.9
1937.....	380.8	274.2	106.6	1951.....	³ 478.6	376.9	101.7

¹ Scoured wool, plus greasy wool reduced to a scoured basis, assuming average yields varying with class, origin, grade, and whether shorn or pulled.

² Wool regarded as more or less suitable for apparel purposes; formerly "Combing and clothing."

³ Includes raw wool consumed on woolsens and worsted systems only. Raw wool consumed on cotton and other systems and by felt and batting manufactures amounted to about 10 million pounds in 1946.

Source: Department of Commerce, Bureau of the Census; monthly data are published in *Facts for Industry* Series M15H.

No. 795.—DOMESTIC AND OTHER ANIMALS ON FARMS, BY KIND—SUMMARY FOR ALASKA, AMERICAN SAMOA, GUAM, HAWAII, PUERTO RICO, AND VIRGIN ISLANDS

[Figures are as of Apr. 1, except 1939 figures for Alaska as of Oct. 1. 1950 data are preliminary]

CLASS	NUMBER					
	Alaska		American Samoa		Guam	
	1939	1950	1940	1950	1940	1950
Horses.....	496	207	121	170	126	58
Mules.....						
Asses and burros.....						
Carabaos.....					1,560	679
Cattle.....	3,749	2,236	272	233	5,845	2,847
Milk cows.....	1,217	1,324	26	75	260	661
Sheep.....	17,076	6,046	34	15		(²)
Goats.....	280	(²)		(²)	1,353	748
Swine.....	959	1,201	8,641	9,080	14,089	7,056
Chickens.....	18,374	20,278	22,908	28,011	209,465	132,781
Fur-bearing animals.....	34,433	1,378				
Reindeer.....	312,854	(²)				
	Hawaii		Puerto Rico		Virgin Islands	
	1940	1950	1940	1950	1940	1950
Horses.....	4 10,044	7,564	33,688	36,390	4 954	1,077
Mules.....	4 4,491	1,918	4 652	5,474	4 623	268
Asses and burros.....			1,547		4 544	399
Carabaos.....						
Cattle.....	4 139,078	155,739	209,734	289,392	4 8,796	11,355
Milk cows.....	10,952	9,449	89,217	82,307	2,480	5,331
Sheep.....	6 26,207	13,513	3,488	3,121	6 819	2,786
Goats.....	7 765	379	42,861	39,311	7 2,134	3,876
Swine.....	7 31,684	65,435	97,306	91,065	7 1,124	978
Chickens.....	272,500	472,183	7 981,358	799,569	7 8,046	10,074

¹ Cows including heifers that have calved.

² Not available.

³ Females over 3 months old.

⁴ Excluding data for animals under 3 months old.

⁵ Cows milked.

⁶ Excluding data for sheep and lambs under 6 months old.

⁷ Excluding data for animals or chickens under 4 months old.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, *Agriculture, Territories and Possessions* and preliminary data from 1950 Census of Agriculture.

No. 796.—PRINCIPAL CROPS, LAND HARVESTED AND PRODUCTION—SUMMARY FOR ALASKA, HAWAII, VIRGIN ISLANDS, PUERTO RICO, GUAM, AND AMERICAN SAMOA

[Leaders indicate no data available. 1949 data are preliminary]

AREA AND CROP	LAND HARVESTED (ACRES)		PRODUCTION		
	1939	1949	Unit	Quantity	
				1939	1949
ALASKA					
Barley.....	654	55	Bushel.....	13, 219	661
Oats.....	527	333	do.....	13, 661	11, 616
Potatoes.....	388	1, 030	do.....	41, 887	184, 862
Wheat.....	527	204	do.....	9, 479	5, 263
HAWAII					
Coffee.....	4, 136	3, 403	Pound.....	8, 546, 783	4, 648, 155
Corn.....	1, 862	752	Hundredweight.....	16, 320	9, 639
Pineapples.....	48, 598	51, 018	Ton.....	614, 484	654, 915
Potatoes, white.....	487	106	Hundredweight.....	19, 916	4, 956
Rice.....	509	170	do.....	19, 018	6, 585
Sugarcane.....	135, 945	108, 298	Ton.....	8, 535, 023	7, 888, 526
Sweetpotatoes and yams.....	180	279	Hundredweight.....	9, 271	12, 177
Taro.....	622	591	do.....	115, 800	104, 897
VIRGIN ISLANDS					
Sugarcane.....	4, 097	4, 142	Ton.....	42, 641	49, 091
Sweetpotatoes and yams.....	131	137	Pound.....	180, 100	154, 116

No. 796.—PRINCIPAL CROPS, LAND HARVESTED AND PRODUCTION—SUMMARY FOR ALASKA, HAWAII, VIRGIN ISLANDS, PUERTO RICO, GUAM, AND AMERICAN SAMOA—CON.

[1949 data are preliminary]

AREA AND CROP	LAND HARVESTED OR NUMBER OF TREES OR PLANTS		PRODUCTION			
	1939	1949	Unit	Quantity		
				1939	1949	
PUERTO RICO						
Coffee.....	<i>Cuerdas</i> 181, 106	<i>Cuerdas</i> 176, 385	Pound.....	32, 652, 044	25, 661, 626	
Corn.....	59, 350	39, 497	do.....	36, 811, 000	23, 122, 102	
Cotton.....	3, 381	2, 613	do.....	1, 637, 067	1, 060, 577	
Dry beans.....	48, 363	19, 962	do.....	19, 248, 800	5, 808, 972	
Pigeon peas.....	34, 301	20, 436	do.....	15, 722, 200	6, 937, 783	
Rice.....	13, 753	5, 343	do.....	7, 915, 600	2, 469, 130	
Sugarcane.....	229, 750	343, 843	Ton.....	7, 237, 717	10, 699, 147	
Sweet potatoes.....	49, 565	23, 818	Pound.....	103, 160, 000	32, 485, 183	
Tobacco.....	28, 584	26, 834	do.....	19, 885, 377	22, 254, 260	
Yautia.....	22, 080		do.....	42, 707, 200		
Bananas.....	47, 114	44, 251	Bunch.....	16, 014, 474	12, 032, 378	
Coconuts.....	12, 961	12, 551	Number.....	21, 776, 289	25, 496, 476	
Grapefruit.....	4, 869	2, 701	do.....	24, 829, 531	14, 149, 961	
Oranges.....	9, 879	18, 362	do.....	116, 273, 562	181, 203, 121	
Pineapples.....	1, 912	3, 553	Tons.....	11, 971	33, 462	
Plantains.....	16, 775	15, 125	Number.....	6, 166, 226	100, 401, 070	
GUAM						
	1939	1949		1939	1949	
	<i>Hectares</i>	<i>Hectares</i>				
	(²)	(¹)				
Arrowroot.....	74	4	Pound.....	136, 640	3, 461	
Cassava.....	881	279	do.....	472, 657	15, 710	
Corn.....	128	22	do.....	2, 033, 528	571, 413	
Sweet potatoes.....	293	77	do.....	756, 415	107, 044	
Taro.....	80	15	do.....	(²)	280, 742	
Yams.....			do.....	840 015	87, 283	
	<i>Number of trees or plants</i>	<i>Number of trees or plants</i>				
Alligator pears (avocados).....	10, 220	1, 870	Number.....	959, 881	67, 064	
Bananas.....	535, 240	142, 222	Bunch.....	301, 264	65, 266	
Breadfruit.....	36, 615	12, 405	Number.....	2, 855, 606	371, 589	
Coconuts.....	885, 424	241, 816	do.....	20, 849, 546	3, 172, 106	
Coffee.....	90, 254	7, 968	Pound.....	42, 686	2, 465	
Kapok.....	9, 629	418	do.....	18, 283	1, 131	
Lemons.....	11, 270	1, 330	Number.....	868, 684	54, 987	
Mangoes.....	4, 602	1, 758	do.....	1, 933, 701	428, 072	
Oranges.....	5, 477	860	do.....	365, 073	25, 003	
Papayas.....	7, 719	2, 211	do.....	78, 153	10, 504	
Pineapples.....	134, 263	35, 603	do.....	87, 025	10, 726	
Tangerines.....	3, 951	1, 995	do.....	647, 719	74, 713	

AREA AND CROP	FARMS REPORTING		LAND HARVESTED OR NUMBER OF TREES OR PLANTS	
	1939	1949	1939	1949
AMERICAN SAMOA				
	<i>Number</i>	<i>Number</i>	<i>Acres</i>	<i>Acres</i>
Arrowroot.....	690	101		20
Sugarcane for thatching.....	(²)	537	(²)	118
Taro.....	1,027	1,430		1,576
Tobacco.....	197	40		13
Yams.....	542	224		59
			<i>Number of trees or plants</i>	<i>Number of trees or plants</i>
Alligator pears (avocados).....	348	218	1,275	924
Bananas.....	1,027	(²)	³ 459,000	(²)
Breadfruits.....	1,028	1,427	³ 46,000	637,408
Coconuts.....		(²)	⁴ 245,000	(²)
Limes.....	559	422	2,383	2,304
Mangoes.....	631	445	3,203	2,153
Oranges.....	671	605	4,699	5,173

¹ Reported in small fractions.² Data not available.³ Estimated in part.⁴ Based on estimates supplied by Governor of Samoa.Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, *Agriculture, Territories and Possessions* and preliminary data from 1950 Census of Agriculture.

26. Forests and Forest Products

(Sent to print May 7, 1952)

The Bureau of the Census, Department of Commerce, and the Forest Service, Department of Agriculture, are the principal Government agencies engaged in the collection and publication of statistics of forest land, forest industries, and forest products. The Forest Service, through its forest survey activities, makes an inventory of the forest resource and measures rates of forest growth and drain. A number of reports for surveyed areas have been published. A report based on a reappraisal of the Nation's forest situation made during 1945 and 1946 was published in 1948. Statistics from this report are shown in tables 797-800. Other publications of the Forest Service include data on stumpage and log prices, lumber consumption and distribution, lumber used in manufacture, and fire statistics. The *Statistical Supplement to the Annual Report of the Chief of the Forest Service* carries statistics of the administration of the national forests.

The Bureau of the Census, Department of Commerce, publishes information on forest industries and products in reports of the Census of Manufactures, in addition to current *Facts for Industry* reports. The Bureau of the Census also publishes statistics of foreign trade in forest products. Information on the domestic movement of forest products is reported by the Interstate Commerce Commission and the Association of American Railways.

The Bureau of Agricultural Economics of the Department of Agriculture publishes annual reports on the production of turpentine and rosin.

The Bureau of Labor Statistics of the Department of Labor publishes statistics of wholesale lumber prices monthly and annually.

A number of forest products trade associations and trade journals collect and publish statistics of forest products, production, markets, shipments, inventories, etc.

The completeness and reliability of published statistics of forests and forest products vary considerably. The data for forest land area and stand are, of course, much more reliable for areas which have been surveyed than for those areas which have not been covered. Forest fire statistics for federal lands are considered much better than for private lands, though too much reliance should not be placed in any estimates of fire damage or causes of fires.

In the field of forest products, data for lumber production and other manufactured products such as veneer and plywood, pulp and paper, cooperage, naval stores, etc., are much more complete than for the primary forest products such as poles and piling, fuelwood, and fence posts. The data for lumber production are subject to certain limitations because of incomplete coverage. Information for pulp and paper, and plywood, on the other hand, is believed to have practically complete coverage. Statistics relating to average value of lumber sawed may be subject to some special limitations due to under representation of small mills.

Historical statistics.—See preface and historical appendix. Tabular headnotes (as "See also *Historical Statistics*, series F 145-150") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*.

No. 797.—FOREST LAND AREA AND OWNERSHIP OF COMMERCIAL FOREST LAND, BY STATES

[In thousands of acres. Status beginning of 1945]

REGION AND STATE	Total forest land	All owner-ships	COMMERCIAL FOREST LAND ¹						Private	
			Federally owned or managed			State, county, and municipal	Total	Farm		Industrial and other
			Total	National	Other					
Total	623,828	461,044	88,957	73,512	15,445	27,114	344,973	139,058	205,915	
North	211,753	170,321	11,311	9,523	1,788	19,414	139,596	61,010	78,586	
New England	31,092	30,851	891	822	69	666	29,294	6,477	22,817	
Connecticut	1,907	1,900				155	1,745	711	1,034	
Maine	16,788	16,665	74	47	27	50	16,541	2,173	14,368	
Massachusetts	3,310	3,297	24	1	23	271	3,002	906	2,096	
New Hampshire	4,800	4,722	621	613	8	79	4,022	1,086	2,936	
Rhode Island	452	447				27	420	107	313	
Vermont	3,835	3,820	172	161	11	84	3,564	1,494	2,070	
Middle Atlantic	44,214	41,586	1,476	1,265	211	3,613	36,497	11,854	24,643	
Delaware	442	442	2			7	433	228	205	
Maryland	2,742	2,722	44	3	41	149	2,529	1,198	1,331	
New Jersey	2,348	2,329	53		53	96	2,180	424	1,756	
New York	13,500	11,114	76		75	732	10,307	3,651	6,656	
Pennsylvania	15,228	15,127	470	442	28	2,514	12,143	3,369	8,774	
West Virginia	9,954	9,852	832	820	12	115	8,905	2,984	5,921	
Lake	55,700	50,345	6,495	5,455	1,040	14,805	29,045	13,930	15,115	
Michigan	19,000	17,380	2,155	2,035	120	4,115	11,110	3,260	7,850	
Minnesota	19,700	16,700	2,670	2,170	500	7,100	6,930	4,330	2,600	
Wisconsin	17,000	16,265	1,670	1,250	420	3,590	11,005	6,340	4,665	
Central	44,919	44,213	2,117	1,951	166	326	41,770	25,789	15,981	
Illinois	3,396	3,319	192	175	17	10	3,117	3,092	25	
Indiana	3,445	3,358	104	79	25	76	3,178	3,139	39	
Iowa	2,248	2,226	16	5	11	19	2,191	2,186	5	
Kentucky	11,857	11,694	534	427	107	35	11,125	5,421	5,704	
New Hampshire	19,142	18,837	1,199	1,193	6	78	17,560	8,839	8,721	
Ohio	4,831	4,779	72	72		108	4,599	3,112	1,487	
Plains	35,828	3,326	332	30	302	4	2,990	2,960	30	
Kansas	1,121	1,011					1,011	1,011		
Nebraska	1,112	987	39	15	24		948	948		
North Dakota	621	470	55		55	1	414	414		
Oklahoma (West) ²	6,326									
South Dakota (East) ³	662	618	215	15	200	3	400	400		
Texas (West) ²	25,986	240	23		23		217	187	30	
South	186,804	183,266	14,078	10,138	3,940	2,160	167,028	69,606	97,968	
South Atlantic	43,843	42,923	3,485	2,775	710	536	38,902	23,377	15,525	
North Carolina	18,400	17,997	1,312	960	352	242	16,443	10,072	6,371	
South Carolina	10,611	10,549	720	549	171	187	9,642	5,684	3,958	
Virginia	14,832	14,377	1,453	1,266	187	107	12,817	7,621	5,196	
Southeast	91,842	89,390	5,909	3,802	2,107	1,216	82,265	33,134	49,131	
Alabama	18,878	18,800	886	613	273	121	17,793	7,250	10,534	
Florida	23,478	21,765	1,713	1,009	704	326	19,726	3,996	15,730	
Georgia	21,432	21,107	1,202	846	556	72	19,833	10,362	9,471	
Mississippi	15,889	15,868	1,307	979	328	410	14,151	6,323	7,828	
Tennessee	12,165	11,850	801	555	246	287	10,762	5,194	5,568	
West Gulf	51,119	50,953	4,684	3,561	1,123	408	45,861	12,549	33,312	
Arkansas	20,036	19,928	2,645	2,214	431	104	17,179	6,142	11,037	
Louisiana	16,196	16,169	747	536	211	265	15,157	2,969	12,188	
Oklahoma (East) ²	4,320	4,308	619	163	456	23	3,666	812	2,854	
Texas (East) ²	10,567	10,548	673	648	25	16	9,859	2,626	7,233	
West	225,271	107,457	63,568	53,851	9,717	5,540	38,349	8,988	29,361	
Pacific Northwest	53,855	46,204	23,012	17,341	5,671	3,435	19,757	3,334	16,423	
Oregon	29,755	26,330	15,251	11,530	3,721	1,101	9,978	1,537	8,441	
Washington	24,100	19,874	7,761	5,811	1,950	2,334	9,779	1,797	7,982	
California	45,515	16,405	8,099	7,684	415	23	8,283	1,309	6,974	
North Rocky Mountain	53,246	29,066	20,012	18,061	1,951	1,702	7,352	2,847	4,505	
Idaho	18,813	10,149	6,436	5,838	598	925	2,788	841	1,947	
Montana	24,238	14,758	10,122	9,118	1,004	699	3,937	1,614	2,323	
South Dakota (West) ³	1,317	1,147	920	918	2	4	223	144	79	
Wyoming	8,878	3,012	2,534	2,187	347	74	404	248	156	
South Rocky Mountain	72,655	15,782	12,445	10,765	1,680	380	2,957	1,498	1,459	
Arizona	19,538	2,815	2,744	2,058	686	30	41	36	5	
Colorado	19,902	7,874	5,923	5,387	536	152	1,799	650	1,149	
Nevada	4,720	98	24	24			74	13	61	
New Mexico	20,001	3,465	2,405	2,020	385	149	911	693	218	
Utah	8,494	1,530	1,349	1,276	73	49	132	106	26	

¹ Includes land capable of producing timber of commercial quantity and quality, and available now or prospectively, for commercial use.² Western and central portions of Oklahoma and Texas included in the Plains region; eastern portions included in the West Gulf region.³ Eastern and central portions of South Dakota included in the Plains; southwestern portion (Black Hills) included in the North Rocky Mountain region.Source: Department of Agriculture, Forest Service; *A Reappraisal of the Forest Situation*.

No. 798.—SAW TIMBER AND GROWTH ON COMMERCIAL FOREST LAND, BY STATES

[In millions of board feet. Status beginning of 1945. Includes volume on land capable of producing timber of commercial quantity and quality and available now or prospectively for commercial use. Includes trees large enough for sawlogs regardless of actual use, in accordance with practice of region. Volumes on lumber-tally basis]

REGION AND STATE	VOLUME OF SAW TIMBER						SAW-TIMBER GROWTH		
	Total	Soft-wood	Hard-wood	On saw-timber areas		On other than saw-timber areas	Total	Soft-wood	Hard-wood
				On virgin areas	On second-growth areas				
Total	1,600,972	1,296,377	304,595	840,340	660,719	99,913	35,301	21,848	13,453
North	220,429	65,836	154,593	21,642	159,386	39,401	8,355	2,000	6,355
New England.....	58,197	33,263	24,934	726	48,605	8,866	1,799	910	889
Connecticut.....	1,642	258	1,384	-----	1,111	531	107	14	93
Maine.....	36,787	24,279	12,508	525	31,912	4,350	760	491	269
Massachusetts.....	4,670	1,946	2,724	15	3,867	788	242	96	146
New Hampshire.....	7,610	3,424	4,186	88	5,739	1,783	389	174	215
Rhode Island.....	153	22	131	-----	69	84	9	1	8
Vermont.....	7,335	3,334	4,001	98	5,907	1,330	292	134	158
Middle Atlantic	62,045	14,017	48,028	1,197	47,459	13,389	2,712	597	2,115
Delaware.....	1,183	519	664	25	1,029	129	62	27	35
Maryland.....	4,030	1,779	2,251	37	3,053	940	202	105	97
New Jersey.....	2,188	783	1,405	25	1,362	801	103	37	66
New York.....	25,279	6,926	18,353	329	21,088	3,862	785	191	594
Pennsylvania.....	20,582	3,087	17,495	162	13,406	7,014	1,111	193	918
West Virginia.....	8,783	923	7,860	619	7,521	643	449	44	405
Lake	50,710	15,670	35,040	17,390	23,280	10,040	1,403	346	1,057
Michigan.....	24,140	7,400	16,740	13,550	7,500	3,090	519	96	423
Minnesota.....	11,590	4,940	6,650	2,020	5,560	4,010	420	176	244
Wisconsin.....	14,980	3,330	11,650	1,820	10,220	2,940	464	74	390
Central	43,747	2,418	41,329	1,249	36,616	5,882	2,248	128	2,120
Illinois.....	3,717	22	3,695	71	3,092	554	208	1	207
Indiana.....	6,175	6	6,169	-----	5,773	402	298	2	296
Iowa.....	5,344	43	5,301	-----	4,842	502	295	2	293
Kentucky.....	12,392	1,611	10,781	787	10,356	1,239	638	83	555
Missouri.....	6,984	663	6,321	331	3,849	2,754	388	37	351
Ohio.....	9,135	73	9,062	-----	8,704	431	421	3	418
Plains	5,730	468	5,262	1,080	3,426	1,224	193	19	174
Kansas.....	2,880	-----	2,880	600	1,800	480	82	-----	82
Nebraska.....	1,500	300	1,200	360	660	480	58	10	48
North Dakota.....	434	20	414	-----	344	90	16	1	15
Oklahoma (West) ¹	-----	-----	-----	-----	-----	-----	-----	-----	-----
South Dakota (East) ²	720	96	624	120	480	120	26	4	22
Texas (West) ¹	196	52	144	-----	142	54	11	4	7
South	337,987	193,790	144,197	11,617	305,833	20,537	19,938	12,919	7,019
South Atlantic	97,141	59,326	37,815	-----	90,205	6,936	6,106	4,016	2,090
North Carolina.....	42,241	27,962	14,279	-----	40,109	2,132	2,589	1,835	754
South Carolina.....	29,680	19,362	10,318	-----	28,452	1,128	1,733	1,234	499
Virginia.....	25,320	12,002	13,318	-----	21,644	3,076	1,784	947	837
Southeast	195,887	76,392	58,995	4,674	121,473	9,740	8,224	5,284	2,940
Alabama.....	33,361	20,381	12,980	694	30,482	2,185	2,021	1,392	629
Florida.....	17,308	12,862	4,446	844	14,410	2,054	989	767	222
Georgia.....	40,543	28,941	11,602	2,005	36,121	2,417	2,501	1,995	506
Mississippi.....	30,453	11,592	18,861	1,131	27,206	2,116	1,806	904	962
Tennessee.....	14,222	2,916	11,306	-----	13,254	908	847	226	621
West Gulf	104,959	57,472	47,487	6,943	94,155	3,861	5,608	3,619	1,989
Arkansas.....	37,523	22,315	15,213	2,080	33,940	1,508	1,929	1,186	743
Louisiana.....	36,959	13,030	22,965	2,492	33,184	1,219	1,893	970	923
Oklahoma (East) ¹	3,048	2,044	1,004	284	2,497	317	137	95	42
Texas (East) ¹	27,458	19,183	8,305	2,137	24,534	817	1,049	1,368	281
West	1,036,751	5,805	807,081	195,500	39,975	7,008	6,929	79	79
Pacific Northwest	630,894	626,941	3,953	513,149	111,706	6,039	4,224	4,152	72
Oregon.....	381,889	378,577	2,812	307,288	71,913	2,188	2,483	2,432	51
Washington.....	249,505	248,364	1,141	205,861	39,793	3,851	1,741	1,720	21
California	227,605	227,565	-----	180,082	32,624	14,859	1,160	1,160	-----
North Rocky Mountain	127,229	126,293	936	69,810	43,212	14,207	1,306	1,302	4
Idaho.....	60,796	60,764	32	27,078	28,076	5,642	826	826	(³)
Montana.....	52,515	52,112	403	32,020	12,531	7,964	418	414	4
South Dakota (West) ²	2,866	2,866	-----	1,249	1,333	284	22	22	(³)
Wyoming.....	11,052	10,551	501	9,463	1,272	317	40	40	(³)
South Rocky Mountain	56,868	55,952	916	44,040	7,958	4,870	318	315	3
Arizona.....	16,270	16,270	-----	14,265	1,787	218	94	94	-----
Colorado.....	27,658	26,742	916	18,727	4,860	4,071	145	142	3
Nevada.....	367	367	-----	287	35	45	1	1	-----
New Mexico.....	8,471	8,471	-----	7,134	871	466	58	58	-----
Utah.....	4,102	4,102	-----	3,627	405	70	20	20	-----

¹ Volume in western and central portions of Oklahoma and Texas included in the Plains region; that in eastern portions included in the West Gulf region.

² Volume in eastern and central portions of South Dakota included in the Plains; that in southwestern portion (Black Hills) included in North Rocky Mountain region.

³ Less than 500,000 board feet.

Source: Department of Agriculture, Forest Service; *A Reappraisal of the Forest Situation*.

No. 799.—SAW TIMBER—VOLUME, BY SPECIES AND REGION

[In millions of board feet. Status beginning of 1945. For States represented in regions shown, see table 798]

KIND OF WOOD	Total North and South	New Eng- land	Middle Atlantic	Lake	Central	Plains	South Atlantic	South- east	West Gulf
Eastern softwoods, total	259,626	33,263	14,017	15,670	2,418	468	59,326	76,992	57,472
Southern yellow pine.....	188,327	142	4,035	—	1,727	51	54,964	70,927	56,491
Spruce and fir ¹	27,007	20,649	2,718	3,600	—	—	40	—	—
White and Norway pine.....	15,383	7,330	3,050	3,690	161	—	817	335	—
Hemlock.....	14,921	3,764	3,996	5,950	343	—	726	142	—
Cypress.....	6,236	—	—	—	126	1	2,277	3,284	548
Other.....	7,752	1,378	218	2,430	61	416	512	2,304	433
Eastern hardwoods, total	298,790	24,934	48,028	35,040	41,829	5,262	37,815	58,895	47,487
Oak.....	101,381	2,265	19,012	5,090	20,370	702	12,815	21,017	20,110
Beech, birch, and maple.....	67,887	20,740	19,310	17,090	7,207	—	2,330	1,210	—
Sweet gum.....	26,476	—	—	—	616	—	6,667	10,516	8,641
Tupelo and black gum.....	18,957	—	—	—	348	3	6,250	7,309	5,047
Cottonwood and aspen.....	15,662	1,385	1,154	6,380	2,472	2,414	116	907	834
Yellow poplar.....	12,347	56	1,710	—	2,169	—	4,512	3,900	—
Other.....	56,080	488	6,842	6,480	8,147	2,107	5,125	14,036	12,855

KIND OF WOOD	Total West	PACIFIC NORTHWEST			California	North Rocky Mountain	South Rocky Mountain
		Total	Douglas-fir subregion	Pine subregion			
Western species, total	1,042,556	630,894	504,931	125,963	227,565	127,229	56,868
Douglas fir.....	430,028	331,227	310,523	20,704	468,613	26,718	3,470
Ponderosa pine.....	185,025	80,198	4,850	75,348	51,191	26,771	26,865
True fir.....	113,541	57,854	46,464	11,390	43,012	9,360	3,315
Western hemlock.....	97,207	95,855	94,469	1,386	—	1,352	—
Sugar pine and western white pine.....	40,224	8,089	6,171	1,918	19,505	12,630	—
Redwood.....	38,114	—	—	—	38,114	—	—
Spruce.....	35,880	8,020	8,020	—	—	12,499	15,361
Larch.....	26,606	8,727	145	8,582	—	17,879	—
Lodgepole pine.....	22,060	1,171	37	1,134	—	14,406	6,483
Other softwoods.....	48,066	35,800	30,386	5,414	7,130	4,678	458
Hardwoods.....	5,805	3,963	3,866	87	—	936	916

¹ Balsam fir.² Ponderosa pine.³ Excludes dead chestnut of sawlog size still standing and usable.⁴ May include some white fir, Sitka spruce, western hemlock, Port Oxford cedar and western red cedar commonly lumped with Douglas-fir in redwood cruising.⁵ Excludes 416 million board feet in Plains region.⁶ Includes Jeffery pine.⁷ Includes western white pine, mountain hemlock, and lodgepole pine recorded in cruises of fir areas.⁸ Redwood exclusive of volume of 1,000 bigtree on cruises in west-side Sierra subregion.Source: Department of Agriculture, Forest Service; *A Reappraisal of the Forest Situation*.

No. 800.—ANNUAL DRAIN FROM COMMERCIAL FOREST LANDS BY CUTTING FOR COMMODITIES AND BY DESTRUCTIVE AGENCIES

[Includes drain in volume from land capable of producing timber of commercial quantity and quality and available now or prospectively for commercial use]

ITEM	ALL TIMBER DRAIN (MILLIONS OF CU. FT.)			SAW-TIMBER DRAIN (MILLIONS OF BD. FT.)		
	Total	Softwoods	Hard- woods	Total	Softwoods	Hard- woods
Aggregate	13,661	8,151	5,510	53,893	38,530	15,363
Timber cut for commodities (1944)	12,182	7,348	4,834	49,658	35,591	14,067
Lumber.....	6,711	4,778	1,933	34,391	26,130	8,261
Fuelwood.....	2,203	719	1,484	3,863	1,957	1,906
Pulpwood.....	1,306	1,163	143	4,757	4,500	257
Hewed ties.....	363	163	210	1,643	777	866
Fence posts.....	220	59	161	226	82	144
Veneer logs.....	392	165	227	1,971	942	1,029
Mine timbers.....	225	40	185	320	70	250
Cooperage.....	174	40	134	744	195	549
Shingles.....	72	72	—	334	334	—
Other.....	516	159	357	1,409	604	805
Timber removed by destructive agencies (average 1934-45)	1,479	803	676	4,235	2,939	1,296
Fire.....	460	247	213	859	547	312
Insects, disease, wind, etc.....	1,019	556	463	3,376	2,392	984

Source: Department of Agriculture, Forest Service; *A Reappraisal of the Forest Situation*.

No. 801.—NATIONAL FOREST AREAS AND PURCHASES: 1905 TO 1951

[National forest area data are cumulative totals as of June 30 and include Alaska and Puerto Rico. Forest reservation purchases are for fiscal year ending June 30, and include Puerto Rico. See also *Historical Statistics*, series F 69-73]

ITEM	1905	1910	1920	1930	1940	1945	1950	1951
NATIONAL FOREST AREAS ¹								
Gross area within established boundaries (1,000 acres).....	85, 693	192, 931	180, 300	183, 976	228, 174	228, 703	229, 341	229, 258
Under Forest Service Administration (1,000 acres).....	75, 352	168, 029	156, 032	160, 091	176, 779	179, 381	181, 205	181, 255
NATIONAL FOREST PURCHASES								
Gross area approved for purchase (acres).....			101, 428	538, 048	553, 077	5	61, 078	25, 317
Average price per acre (dollars).....			4. 44	2. 73	3. 98	194. 00	8. 71	10. 46
Total price (1,000 dollars).....			450	1, 469	2, 201	1	532	265

¹ See headnote, table 802.

Source: Department of Agriculture, Forest Service; annual reports on *National Forest Areas*, and annual reports of the National Forest Reservation Commission.

No. 802.—NATIONAL FOREST AND OTHER AREAS, BY STATES AND FOR ALASKA AND PUERTO RICO: JUNE 30, 1951

[Areas in acres; 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*, series F 69-70, for gross area and area under Forest Service]

STATE OR OTHER AREA	Gross area	Not under Forest Service Administration	Under Forest Service Administration	STATE OR OTHER AREA	Gross area	Not under Forest Service Administration	Under Forest Service Administration
Total	229,257,719	48,002,270	181,255,449	Nebraska.....	207,209	1,181	206,028
Alabama.....	2,435,748	1,815,020	620,728	Nevada.....	5,376,578	321,194	5,055,384
Arizona.....	12,159,651	674,718	11,484,933	New Hampshire.....	802,714	125,553	677,161
Arkansas.....	3,596,744	1,237,778	2,358,966	New Mexico.....	10,268,877	1,315,533	8,953,344
California.....	25,078,622	5,140,621	19,938,001	North Carolina.....	3,592,736	2,486,698	1,106,038
Colorado.....	15,232,996	1,506,307	13,726,689	North Dakota.....	764,425	763,905	520
Florida.....	1,241,956	167,484	1,074,472	Ohio.....	1,466,029	1,362,463	103,566
Georgia.....	1,732,322	1,069,314	663,008	Oklahoma.....	344,269	163,552	180,717
Idaho.....	21,569,926	1,298,853	20,271,073	Oregon.....	17,377,168	2,559,689	14,817,479
Illinois.....	812,654	501,831	220,823	Pennsylvania.....	729,119	257,362	471,757
Indiana.....	784,647	671,961	112,686	South Carolina.....	1,423,339	836,477	586,862
Iowa.....	218,671	213,922	4,749	South Dakota.....	1,403,197	287,951	1,115,246
Kentucky.....	1,411,699	954,512	457,187	Tennessee.....	1,531,797	948,157	583,640
Louisiana.....	1,274,977	714,412	560,565	Texas.....	1,716,904	1,058,925	658,039
Maine.....	878,283	829,155	49,128	Utah.....	9,009,454	1,131,993	7,877,461
Maryland.....	4,318	3,208	1,110	Vermont.....	629,004	407,509	221,495
Massachusetts.....	1,651		1,651	Virginia.....	4,017,962	2,575,823	1,442,139
Michigan.....	5,189,082	2,638,403	2,550,679	Washington.....	10,744,789	1,062,125	9,682,664
Minnesota.....	5,041,324	2,370,495	2,670,829	West Virginia.....	1,832,868	929,540	903,328
Mississippi.....	2,777,325	1,728,869	1,048,456	Wisconsin.....	2,019,698	562,049	1,457,649
Missouri.....	3,469,999	2,107,148	1,352,851	Wyoming.....	9,016,134	449,471	8,566,663
Montana.....	19,012,815	2,471,812	16,541,003	Alaska.....	20,881,797	36,231	20,845,566
				Puerto Rico.....	186,182	183,066	33,116

Source: Department of Agriculture, Forest Service; annual report, *National Forest Areas*.

No. 803.—NATIONAL FOREST LAND PURCHASES, BY STATES AND FOR PUERTO RICO, TO JUNE 30, 1951

[Under Act of Mar. 1, 1911, as amended by Act of June 7, 1924, and other related acts]

STATE OR OTHER AREA	Gross area (acres)	TOTAL NET AREA APPROVED FOR PURCHASE			NET AREA PURCHASED			Remaining acquirable area (acres)
		Acres	Average price per acre	Total price (1,000)	Acres	Average price per acre	Total price (1,000)	
Total.....	53,131,360	18,652,025	\$3.85	\$71,808	18,599,752	\$3.84	\$71,404	23,315,643
Alabama.....	2,435,087	504,261	3.67	1,851	504,221	3.67	1,851	1,460,841
Arkansas.....	3,595,058	1,162,504	2.91	3,381	1,157,703	2.89	3,343	859,205
California.....	956,988	130,721	8.25	1,079	130,721	8.25	1,079	675,300
Florida.....	1,241,956	782,833	3.14	2,460	781,961	3.14	2,453	152,961
Georgia.....	1,727,585	600,179	4.93	2,958	599,167	4.93	2,951	849,247
Idaho.....	726,970	37,550	3.50	131	35,011	3.44	120	209,950
Illinois.....	801,944	196,553	6.41	1,260	195,711	6.40	1,253	403,027
Indiana.....	781,467	108,053	7.21	779	104,036	7.15	744	391,972
Iowa.....	218,671	4,749	9.11	43	4,749	9.11	43	184,562
Kentucky.....	1,411,686	457,082	4.05	1,852	456,807	4.05	1,850	662,790
Louisiana.....	1,274,977	551,476	3.00	1,654	551,476	3.00	1,654	634,138
Maine.....	878,283	49,531	6.60	327	49,117	6.62	325	637,708
Michigan.....	5,143,003	1,892,265	3.06	5,794	1,891,105	3.06	5,792	2,055,853
Minnesota.....	5,041,324	1,549,074	2.47	3,828	1,547,775	2.47	3,823	2,068,553
Mississippi.....	2,685,527	1,005,393	3.54	3,563	1,003,050	3.53	3,537	1,526,472
Missouri.....	3,450,999	1,324,080	2.32	3,066	1,323,460	2.31	3,063	1,680,104
Nevada.....	9,965	8,895	14.50	129	8,895	14.50	129	106,880
New Hampshire.....	802,714	674,771	7.76	5,234	669,960	7.77	5,205	10,209
New Mexico.....	92,514	20,715	1.92	40	20,715	1.92	40	1,723,688
North Carolina.....	3,605,126	1,035,541	5.18	5,364	1,029,059	5.15	5,298	499,480
North Dakota.....	764,425	480	10.00	5	480	10.00	5	1,130,195
Ohio.....	1,466,029	101,269	7.24	733	95,598	7.11	680	158,522
Oklahoma.....	344,269	178,257	1.79	319	178,177	1.79	319	7,297
Oregon.....	69,704	52,467	17.03	894	52,467	17.03	894	139,400
Pennsylvania.....	708,727	469,655	6.27	2,943	469,555	6.26	2,942	769,008
South Carolina.....	1,423,339	562,903	6.21	3,498	562,847	6.21	3,497	599,696
Tennessee.....	1,531,797	562,824	4.48	2,523	501,010	4.47	2,506	809,295
Texas.....	1,716,964	652,765	4.62	3,017	652,765	4.62	3,017	289,488
Utah.....	22,625	22,625	2.77	63	22,625	2.77	63	1,545,356
Vermont.....	629,004	221,373	9.21	2,039	209,459	9.33	1,955	637,580
Virginia.....	3,547,563	1,446,901	3.27	4,737	1,446,185	3.27	4,734	351,428
West Virginia.....	1,832,862	903,322	3.41	3,076	903,322	3.41	3,076	85,447
Wisconsin.....	2,019,678	1,366,861	2.17	2,971	1,366,580	2.17	2,969	
Puerto Rico.....	186,155	14,113	13.96	197	13,983	14.61	194	

Source: National Forest Reservation Commission, *Annual Report*.

No. 804.—FOREST TREE DISTRIBUTION PROGRAM, WITH COSTS: 1926 TO 1951

[In thousands. See also *Historical Statistics*, series F 84-87]

YEAR	Trees distrib- uted (calendar year)	COSTS (YEAR ENDING JUNE 30)			YEAR	Trees distrib- uted (calendar year)	COSTS (YEAR ENDING JUNE 30)		
		Total	Federal contribution ¹	State ex- penditure			Total	Federal contribution ¹	State ex- penditure
1926.....	22,610	\$268	\$45	\$223	1943.....	46,350	\$448	\$115	\$333
1930.....	25,836	403	81	322	1944.....	37,980	463	119	344
1935.....	26,150	206	55	151	1945.....	37,743	572	114	458
1937.....	41,698	321	71	251	1946.....	43,588	637	113	524
1938.....	55,300	365	70	295	1947.....	42,347	886	117	769
1939.....	64,213	398	97	301	1948.....	77,324	1,178	113	1,065
1940.....	87,468	524	140	384	1949.....	102,903	1,406	113	1,293
1941.....	97,650	526	113	413	1950.....	136,592	1,503	189	1,314
1942.....	74,219	527	115	412	1951.....	291,875	3,021	377	2,644

¹ Provided by Clarke-McNary law, Act of June 7, 1924, and the Norris-Dooley law, Act of May 18, 1937.

² Data for year ending June 30.

Source: Department of Agriculture, Forest Service.

No. 805.—NATIONAL FORESTS—GRAZING, ROADS AND TRAILS, VISITORS, TIMBER CUT, RECEIPTS, PAYMENTS TO STATES, AND ALLOTMENTS TO FOREST SERVICE:
1905 TO 1951

[Data for years ending June 30. *See also *Historical Statistics*, series F 74-83, 88-108]

ITEM AND UNIT OF MEASURE	1905	1910	1920	1930	1940	1945	1950	1951
Livestock grazing: ¹								
Cattle, horses, and hogs ².....thousands	692	1,408	3 96	1,358	1,177	1,206	1,092	1,088
Sheep and goats ².....do.	1,710	7,649	3 557	6,714	4,949	3,889	3,006	3,013
Roads and trails:								
Road construction.....miles				1,726	1,709	258	4213	4 275
Road betterment (reconstruction) do.					1,945	138	4240	4 230
Trail construction.....do.				6,176	2,221	77	828	300
Expenditures, total.....\$1,000.				10,356	23,511	8,407	15,036	13,968
Utilization of recreation resources ³.....1,000 visits				6,911	16,163	10,074	27,368	29,950
Improved public recreation areas.....do.				5,253	13,053	5,072	12,941	17,988
Other public recreation resources.....do.				1,658	3,110	5,002	14,427	11,962
Utilization of highways, roads, and water routes ⁴.....1,000 visits				5,450	22,270	14,530	56,797	65,464
Forest products, total value.....\$1,000.	86	1,082	1,887	4,930	5,168	13,291	31,140	48,227
Timber cut (commercial and cost sales, land exchanges):								
Volume.....million ft. b. m.	68	379	805	1,653	1,740	3,145	3,502	4,688
Value.....\$1,000.	86	906	1,764	4,790	4,807	13,016	30,714	47,816
Timber cut (free use):								
Volume.....million ft. b. m.		105	88	116	326	154	121	106
Value.....\$1,000.		176	113	117	304	171	121	106
Misc. forest products, value.....do.			10	23	58	104	211	178
Receipts, total.....do.	73	2,041	4,793	6,752	5,859	16,048	33,595	56,147
Timber use.....do.	73	1,011	2,044	4,390	3,943	11,587	29,379	51,009
Grazing use.....do.		970	2,486	1,943	1,463	2,159	3,385	4,165
Special land use, water power, etc. do.		60	263	419	453	2,302	831	883
Payments to States and territories, total.....\$1,000.		511	1,253	1,719	1,456	4,039	8,459	14,126
25-percent fund.....do.		510	1,180	1,678	1,433	4,003	8,343	13,974
Arizona and New Mexico school fund.....\$1,000.		1	73	41	23	36	72	107
Payment to State of Minnesota.....do.							44	45
Allotments to Forest Service, total.....do.			472	671	678	1,601	3,476	5,729
Roads and trails.....do.			472	671	678	1,601	3,338	5,590
Acquisition of lands.....do.					105		138	139

¹ Number permitted to graze under pay permit. Calendar year data beginning 1930.

² Excludes animals under 6 months of age.

³ Figures cover 6 months period ending December.

⁴ Excludes Forest Highway Construction.

⁵ Calendar year data beginning 1930.

⁶ Calendar year.

⁷ Includes free use not reducible to bd. ft. Value as follows: 1940, \$3,774; 1945, \$8,291; 1950, \$20,468; 1951, \$20,081

No. 806.—FOREST TREE DISTRIBUTION PROGRAM, WITH COSTS, BY STATES, YEAR ENDING JUNE 30, 1951

STATE OR OTHER AREA	Trees distributed during year (thousands)	EXPENDITURES (\$1,000)		STATE OR OTHER AREA	Trees distributed during year (thousands)	EXPENDITURES (\$1,000)	
		Total	Federal contribution ¹			Total	Federal contribution ¹
Total.....	291,875	3,021	377	New Hampshire.....	688	28	11
Alabama.....	15,424	83	11	New Jersey.....	1,009	50	11
Arkansas.....	11,515	55	11	New York.....	32,823	289	11
Colorado.....	385	15	2	North Carolina.....	7,949	110	11
Connecticut.....	556	26	4	North Dakota.....	737	24	9
Delaware.....	100	9	2	Ohio.....	4,015	129	11
Florida.....	16,525	98	11	Oklahoma.....	1,552	53	11
Georgia.....	34,841	141	11	Oregon.....	4,917	38	11
Idaho.....	485	19	4	Pennsylvania.....	16,107	239	12
Illinois.....	3,135	182	11	South Carolina.....	19,480	82	11
Indiana.....	6,067	157	11	South Dakota.....	1,574	57	7
Iowa.....	492	13	2	Tennessee.....	585	25	10
Kentucky.....	1,602	34	11	Texas.....	17,685	58	2
Louisiana.....	37,374	171	11	Utah.....	189	10	3
Maine.....	238	13	6	Vermont.....	335	40	11
Maryland.....	1,520	49	11	Virginia.....	4,850	52	11
Massachusetts.....	674	41	10	Washington.....	203	24	8
Michigan.....	1,929	65	11	West Virginia.....	1,250	43	11
Mississippi.....	16,583	86	11	Wisconsin.....	21,053	238	11
Missouri.....	1,165	35	10	Wyoming.....	251	10	2
Montana.....	447	41	11	Hawaii.....	202	32	11
Nebraska.....	1,269	32		Puerto Rico.....	2,086	25	9

¹ Provided by Clarke-McNary law, Act of June 7, 1924, and Norris-Doxey law, Act of May 18, 1937.

Source of tables 805 and 806: Department of Agriculture, Forest Service.

No. 807.—LIVESTOCK UNDER PAY PERMIT ON NATIONAL FORESTS, AND RECEIPTS FROM GRAZING, BY STATES: 1950

[No livestock grazed or money received from Alaska or Puerto Rico. Receipts for grazing are for fiscal year ending June 30, other data are for calendar year]

STATE OR OTHER AREA	LIVESTOCK UNDER PAY PERMIT		Receipts from grazing fiscal year ²	STATE OR OTHER AREA	LIVESTOCK UNDER PAY PERMIT		Receipts from grazing fiscal year ²
	Cattle and horses ¹	Sheep and goats ¹			Cattle and horses ¹	Sheep and goats ¹	
Total.....	Number 1,091,680	Number 3,006,185	\$1,000 3,385		Number 51,652	Number 134,736	\$1,000 159
Alabama.....	20			Nevada.....	51,652	134,736	159
Arizona.....	134,545	88,938	377	New Mexico.....	77,150	103,876	204
Arkansas.....	2,459		1	North Carolina.....	40		(³)
California.....	106,139	120,689	260	North Dakota.....			
Colorado.....	157,557	608,909	539	Ohio.....	158		1
Florida.....	2,769		1	Oklahoma.....	30		(³)
Idaho.....	103,690	599,894	414	Oregon.....	68,465	149,455	203
Illinois.....	210		1	Pennsylvania.....	43		(³)
Indiana.....	55		(³)	South Carolina.....	389		(³)
Iowa.....	215		(³)	South Dakota.....	24,268	15,722	42
Louisiana.....	964		(³)	Tennessee.....	115		(³)
Michigan.....	1,630	257	2	Texas.....	1,803		1
Minnesota.....	633	54	(³)	Utah.....	106,397	482,641	452
Mississippi.....	1,342		(³)	Vermont.....	79		(³)
Missouri.....	2,902	18	6	Virginia.....	210	166	(³)
Montana.....	110,079	246,534	307	Washington.....	18,729	35,127	58
Nebraska.....	12,748		47	West Virginia.....	1,198	1,367	5
				Wisconsin.....	874		(³)
				Wyoming.....	103,123	417,802	300

¹ Excludes animals under 6 months of age.

² Includes grazing trespass.

³ Less than \$500.

Source: Department of Agriculture, Forest Service.

No. 808.—PAYMENTS TO STATES, ALASKA, AND PUERTO RICO FROM RECEIPTS OF NATIONAL FORESTS: 1949 TO 1952

[In thousands of dollars. For years ending June 30. Payments are 25 percent of net receipts of preceding fiscal year from sales of timber, grazing fees, and miscellaneous uses of national forests (exclusive of school-fund payments to Arizona and New Mexico, and payments for acquisition of land), under Act of May 23, 1908]

STATE OR OTHER AREA	1949	1950	1951	1952	STATE OR OTHER AREA	1949	1950	1951	1952
Total.....	5,983	7,719	8,343	13,974	Nevada.....	34	35	42	46
Alabama.....	66	90	114	99	New Hampshire.....	25	23	24	39
Arizona.....	229	244	291	434	New Mexico.....	112	124	137	198
Arkansas.....	278	375	499	538	North Carolina.....	61	85	64	84
California.....	561	1,133	973	2,345	North Dakota.....	(¹)	(¹)	(¹)	(¹)
Colorado.....	215	218	225	283	Ohio.....	3	3	4	4
Florida.....	60	66	58	82	Oklahoma.....	26	40	56	58
Georgia.....	63	81	65	95	Oregon.....	1,670	2,045	2,230	4,292
Idaho.....	328	418	495	821	Pennsylvania.....	21	14	23	23
Illinois.....	12	17	12	18	South Carolina.....	88	100	150	151
Indiana.....	1	2	1	2	South Dakota.....	71	57	39	91
Iowa.....	(¹)	(¹)	(¹)	(¹)	Tennessee.....	20	40	51	51
Kentucky.....	30	25	37	32	Texas.....	103	263	339	321
Louisiana.....	78	101	113	102	Utah.....	102	112	138	148
Maine.....	7	6	2	3	Vermont.....	30	26	24	40
Michigan.....	93	65	82	128	Virginia.....	41	38	36	46
Minnesota.....	77	68	69	111	Washington.....	835	1,108	1,224	2,321
Mississippi.....	202	197	265	309	West Virginia.....	25	29	21	34
Missouri.....	14	25	26	36	Wisconsin.....	53	66	66	91
Montana.....	207	251	207	330	Wyoming.....	117	109	119	142
Nebraska.....	10	12	12	17	Alaska.....	11	5	6	5
					Puerto Rico.....	4	3	4	3

¹ Less than \$500.

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

No. 809.—FOREST FIRES—NUMBER, AND AREA BURNED OVER ON FEDERAL, STATE, AND PRIVATE FOREST LANDS: 1932 TO 1950

[Area in thousands of acres. See also *Historical Statistics*, series F 145-150]

CALENDAR YEAR	FEDERAL LANDS, PROTECTED AREA ¹			STATE AND PRIVATE FORESTS ²					
				On protected area			On unprotected area		
	Forest area ³	Number of fires	Area burned over	Forest area ³	Number of fires	Area burned over	Forest area ³	Number of fires	Area burned over
1932	138,525	4,933	419	266,723	55,567	3,294	220,617	105,899	38,410
1933	176,696	4,517	380	266,259	48,770	3,343	218,664	87,435	40,167
1934	182,167	8,064	658	282,979	61,254	3,515	209,558	93,345	37,648
1935	180,443	7,962	228	288,751	54,592	2,311	204,379	77,743	27,796
1936	187,122	11,144	425	298,365	73,709	3,792	195,650	141,432	38,990
1937	182,872	9,468	90	301,911	54,292	1,254	182,763	121,449	20,627
1938	191,860	9,873	316	308,458	76,326	2,623	168,884	146,030	30,876
1939	157,691	12,356	522	278,919	85,677	3,266	148,812	114,638	26,660
1940	153,723	14,076	482	281,706	73,527	2,934	146,749	107,824	22,432
1941	153,559	10,002	487	282,074	80,994	3,138	143,743	108,706	22,830
1942	153,561	9,941	576	290,928	75,849	3,863	136,687	122,428	27,415
1943	183,052	9,892	702	299,331	78,815	3,860	131,275	121,619	27,772
1944	212,344	8,985	875	301,228	56,148	2,301	129,919	66,096	13,873
1945	213,210	8,539	445	302,942	48,176	2,456	126,959	68,013	14,760
1946	213,507	9,670	321	318,505	66,103	2,253	120,489	96,505	18,117
1947	215,361	8,928	318	327,968	71,442	2,814	111,026	120,429	20,093
1948	217,724	6,681	312	339,463	61,095	1,962	99,531	106,413	14,283
1949	214,505	9,592	317	357,168	78,649	2,320	81,826	105,533	12,760
1950	212,622	8,418	391	360,564	96,578	3,407	66,130	103,404	11,720

¹ In continental U. S.; includes National Forests, Interior, Soil Conservation Service, TVA, Public Domain, etc.

² In continental U. S. and Hawaii. 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 only.

³ Prior to 1939 forest area included total area needing protection. Beginning with 1939, this area included only forest area needing protection, which accounts for reduction in areas between 1938 and 1939.

Source: Department of Agriculture, Forest Service; annual report, *Forest Fire Statistics*, and records.

No. 810.—FOREST FIRES—EXPENDITURES FOR CONTROL ON STATE AND PRIVATE FOREST LANDS, 1920 TO 1951 AND BY STATES, 1951

[In thousands of dollars. See also *Historical Statistics*, series F 151-154]

FISCAL YEAR AND STATE	Total expenditures	Federal	State and county	Private agencies	STATE	Total expenditures	Federal	State and county	Private agencies
1920	945	85	860		Florida	1,700	465	727	508
1930	5,500	1,252	4,248		Georgia	1,522	331	1,185	6
1940	9,188	1,988	7,200		Louisiana	1,003	259	744	
1941	9,278	1,979	7,299		Maine	853	188	665	
1942	11,168	2,703	6,272	2,193	Michigan	1,477	432	1,045	
1943	13,743	4,624	6,714	2,405	Minnesota	841	269	572	
1944	13,960	5,870	6,351	1,739	Mississippi	1,056	260	796	
1945	14,601	5,925	6,562	2,114	Missouri	605	193	412	
1946	16,899	7,012	7,498	2,389	New York	960	243	717	
1947	19,603	7,890	9,477	2,236	North Carolina	838	256	563	19
1948	23,500	8,604	12,831	2,065	Oregon	2,243	708	702	833
1949	27,875	8,572	17,201	2,102	Pennsylvania	670	200	470	
1950	28,934	8,551	18,121	2,262	South Carolina	826	320	506	
1951	33,160	8,996	21,855	2,279	Virginia	655	192	461	2
Alabama	1,008	333	589	86	Washington	1,946	583	1,063	300
Arkansas	815	271	471	73	Wisconsin	1,086	285	801	
California	8,138	1,638	6,500		Other states ¹	4,918	1,570	2,896	452

¹ Includes Hawaii.

Source: Department of Agriculture, Forest Service; records.

No. 811.—LUMBER PRODUCTION, BY KIND OF WOOD, AND AVERAGE MILL VALUE: 1869 TO 1950

[Data not strictly comparable because of incomplete coverage of numerous small mills in the East prior to 1942 and exclusion of mills cutting less than 50 M ft. b. m. for all years prior to 1942 except 1869-1909, and 1919. Exclusion of under 50 M class of mills would affect totals less than 1 percent as reflected by 1942 survey. Data for 1943-46 and for 1949-50 include estimates based on sample surveys. Small production quantities are subject to large sampling errors. See also *Historical Statistics*, series F 109-111 and F 120-122 for similar but not identical figures from Dept. of Agri. Forest Service]

YEAR	PRODUCTION (MILLION FT., BD. MEAS.)			AVERAGE MILL VALUE (DOLLARS PER 1,000 BD. FT.)		
	Total	Soft-wood	Hard-wood	Total	Soft-woods	Hard-woods
1869.....	12,756					
1879.....	18,091					
1889.....	23,842			11.41		
1899.....	35,078	26,146	8,634	11.13	10.27	13.53
1909.....	44,510	33,897	10,613	15.38	14.08	19.52
1919.....	34,552	27,407	7,145	30.21	28.39	37.32
1929.....	36,886	29,813	7,073	26.94	24.31	38.04
1935.....	19,539	16,248	3,291	20.43	19.08	27.09
1940.....	28,934	24,903	4,031	23.32	22.48	28.47
1942.....	36,332	29,510	6,822	31.50	30.73	34.87
1943.....	34,289	26,917	7,371	36.86	35.57	41.57
1944.....	32,938	25,160	7,778	(2)	(2)	(2)
1945.....	28,122	21,140	6,982	(2)	(2)	(2)
1946.....	34,112	25,857	8,256	(2)	(2)	(2)
1947.....	35,404	27,937	7,467	55.00	55.00	56.00
1948.....	(2)	(2)	(2)	(2)	(2)	(2)
1949.....	32,176	26,472	5,704	(2)	(2)	(2)
1950 (prel.).....	37,952	30,577	7,375	(2)	(2)	(2)

KIND OF WOOD	PRODUCTION (MILLION FEET BOARD MEASURE)							AVERAGE MILL VALUE (DOLLARS PER 1,000 BOARD FT.)		
	1899	1919	1929	1939 ³	1945	1947	1949	1929	1939	1947
Softwood, total.....	26,146	27,407	29,813	21,408	21,140	27,937	26,472	24.31	20.97	55.00
Balsam fir.....		68	38	20	(2)	27	(2)	25.49	19.43	(2)
Cedar.....	233	332	309	264	303	366	(2)	34.83	40.68	68.00
Cypress.....	496	656	532	422	228	240	239	35.29	35.50	82.00
Douglas fir.....	1,737	5,902	8,689	6,494	6,237	9,042	9,074	20.05	17.91	55.00
Hemlock.....	3,421	1,755	2,099	676	1,039	1,244	1,177	18.90	19.39	58.00
Larch.....	51	388	245	111	(2)	292	224	18.35	16.80	44.00
Lodgepole pine.....		16	31	55	65	100	98	17.97	17.76	46.00
Ponderosa pine.....	945	1,755	3,288	3,360	3,056	3,839	3,715	26.47	22.75	54.00
Redwood.....	360	410	486	345	444	529	744	31.00	34.56	70.00
Spruce.....	1,442	980	564	347	358	392	346	28.64	26.68	58.00
Sugar pine.....	54	134	349	309	228	343	380	43.08	30.10	70.00
White fir.....		223	307	98	499	673	759	20.63	17.34	50.00
White pine.....	7,742	1,724	1,248	1,158	1,269	1,370	1,119	29.87	25.90	58.00
Yellow pine.....	9,659	13,063	11,630	7,749	7,210	9,473	8,259	25.66	19.70	53.00
Other softwood.....	9				203	7	338			
Hardwood, total.....	8,634	7,145	7,073	3,740	6,982	7,467	5,704	38.04	27.66	56.00
Alder.....		(2)	24	21	14	24	(2)	27.18	24.63	52.00
Ash.....	269	155	152	90	84	106	121	43.14	34.33	71.00
Basswood.....	308	184	133	96	100	126	103	39.88	31.94	66.00
Beech.....		359	187	120	352	330	256	28.39	22.03	52.00
Birch.....	133	375	374	141	152	175	152	39.35	33.11	67.00
Chestnut.....	207	546	268	74	(2)	33	(2)	29.51	21.94	48.00
Cottonwood.....	415	144	165	130	209	381	217	29.70	21.41	50.00
Elm.....	457	194	176	74	159	202	144	35.28	24.54	55.00
Hickory.....	97	170	57	38	159	156	102	40.33	26.75	53.00
Magnolia.....		2	42	20	(2)	(2)	(2)	38.11	27.26	(2)
Maple.....	633	857	824	445	522	630	508	36.93	32.51	69.00
Oak.....	4,438	2,708	2,574	1,432	2,859	3,193	2,518	38.43	26.32	52.00
Red gum.....	285	851	1,104	383	971	803	515	34.42	23.28	49.00
Sycamore.....	30	28	58	27	(2)	63	48	30.07	22.26	51.00
Tupelo.....		144	307	271	439	408	290	25.39	22.09	54.00
Walnut.....	39	39	72	27	(3)	34	23	119.15	63.18	147.00
Yellow poplar.....	1,115	329	436	276	578	636	556	41.66	26.98	53.00
Other hardwood.....	209	59	120	75	385	167	151			

¹ Includes 298,000,000 board feet of lumber not reported by kind of wood. ² Not available.

³ Includes 165,305,000 board feet of softwood lumber and 7,605,000 board feet of hardwood lumber sawed by New England mills from timber salvaged from the hurricane of 1938.

⁴ Totals include species not shown separately. ⁵ Less than 500,000 board feet.

Source: Department of Commerce, Bureau of the Census (in cooperation with Department of Agriculture, Forest Service, and Tennessee Valley Authority); reports of Census of Manufactures and annual report, *Lumber Production and Mill Stocks*, Facts for Industry Series M13G.

No. 812.—LUMBER PRODUCTION, BY REGIONS AND STATES: 1889 TO 1950

[See headnote, table 811 for explanation of lack of comparability of statistics. Data for Pacific and Rocky Mountain States may be considered complete for entire series]

[In millions of board feet]

REGION AND STATE	1889	1899	1909	1919	1929	1939 ¹	1947	1949	1950 (prel.)
United States	23,842	35,078	44,510	34,552	36,886	25,148	35,404	32,176	37,952
Northeastern States	4,726	5,709	5,197	2,584	1,232	1,140	2,324	1,900	2,103
Maine.....	597	785	1,112	596	258	215	469	(2)	(2)
New Hampshire.....	277	572	650	339	192	266	322	(2)	(2)
Vermont.....	384	376	352	218	120	126	204	236	(2)
Massachusetts.....	212	344	361	167	72	126	132	(2)	(2)
Connecticut.....	49	108	168	87	30	25	20	(2)	(2)
Rhode Island.....	8	19	25	11	7	12	2	(2)	(2)
New York.....	925	878	681	358	160	108	383	334	(2)
New Jersey.....	34	74	62	37	16	14	32	(2)	(2)
Pennsylvania.....	2,133	2,333	1,463	630	314	186	580	(2)	(2)
Maryland.....	82	184	268	113	55	51	154	(2)	(2)
Delaware.....	23	36	55	27	10	11	34	(2)	(2)
Central States	3,130	5,643	5,487	3,016	2,347	1,231	2,393	1,961	2,327
Ohio.....	565	990	543	280	176	111	265	(2)	(2)
Indiana.....	755	1,037	556	282	170	111	180	(2)	(2)
Illinois.....	222	388	170	65	38	27	100	(2)	(2)
Missouri.....	402	724	660	321	228	74	259	163	(2)
West Virginia.....	302	778	1,473	763	633	324	484	480	(2)
Kentucky.....	423	775	861	512	339	207	439	(2)	(2)
Tennessee.....	460	951	1,224	792	764	376	665	643	(2)
Southern States	3,718	8,404	14,796	12,704	12,484	7,549	9,397	7,358	9,394
Georgia.....	575	1,312	1,342	894	1,386	907	1,687	1,510	(2)
Florida.....	412	790	1,202	1,137	1,137	603	534	436	(2)
Alabama.....	589	1,101	1,691	1,799	2,059	1,412	1,795	1,207	(2)
Mississippi.....	544	1,206	2,573	2,390	2,669	1,201	1,397	872	(2)
Arkansas.....	538	1,624	2,111	1,772	1,348	1,110	1,285	(2)	(2)
Louisiana.....	304	1,115	3,552	3,164	2,232	1,036	1,269	919	(2)
Texas.....	843	1,232	2,099	1,380	1,452	1,137	1,347	1,122	(2)
Oklahoma.....	3	22	226	168	200	143	83	(2)	(2)
North Carolina Pine States	1,129	2,712	5,177	3,374	2,979	2,367	3,577	3,568	4,502
Virginia.....	416	959	2,102	1,098	708	679	1,166	1,033	(2)
North Carolina.....	515	1,287	2,178	1,654	1,202	1,042	1,540	1,730	(2)
South Carolina.....	199	466	898	622	1,068	646	871	804	(2)
Lake States	8,251	8,750	5,476	2,692	1,771	781	1,310	864	1,065
Michigan.....	4,300	3,018	1,890	876	571	333	580	(2)	(2)
Minnesota.....	1,084	2,342	1,562	700	357	111	244	(2)	(2)
Wisconsin.....	2,866	3,389	2,025	1,116	843	337	486	(2)	(2)
Pacific States	2,028	2,901	6,965	8,798	14,149	10,693	14,216	14,439	16,021
Washington.....	1,064	1,429	3,863	4,961	7,302	4,244	3,705	3,442	(2)
Oregon.....	446	735	1,899	2,577	4,784	4,765	7,102	7,185	(2)
California and Nevada.....	518	738	1,144	1,259	2,063	1,686	3,409	3,812	(2)
Rocky Mountain States	249	556	1,292	1,299	1,843	1,336	2,062	1,990	2,441
Montana.....	90	256	309	287	389	271	500	459	(2)
Idaho.....	28	65	646	765	1,029	675	951	926	(2)
Arizona.....	5	36	63	74	175	119	220	(2)	(2)
New Mexico.....	26	31	92	87	148	106	127	107	(2)
Colorado.....	80	134	142	65	72	84	145	135	(2)
Utah.....	14	18	13	12	5	15	38	(2)	(2)
Wyoming.....	6	17	29	9	26	65	81	(2)	(2)
All other	612	401	4,179	4,85	81	51	125	96	99
PERCENTAGE DISTRIBUTION									
United States	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Northeastern States.....	19.8	16.3	11.7	7.5	3.3	4.5	6.6	5.9	5.5
Central States.....	13.1	16.1	12.3	8.7	6.4	4.9	6.8	6.1	6.1
Southern States.....	15.6	24.0	33.2	36.8	33.8	30.0	26.5	22.9	24.8
North Carolina Pine States.....	4.7	7.7	11.6	9.8	8.1	9.4	10.1	11.1	11.9
Lake States.....	34.6	24.9	12.3	7.8	4.8	3.1	3.7	2.7	2.8
Pacific States.....	8.5	8.3	15.5	25.5	38.4	42.5	40.1	44.9	42.2
Rocky Mountain States.....	1.0	1.6	2.9	3.8	5.0	5.3	5.8	6.2	6.4
All other.....	2.6	1.1	.4	.2	.2	.2	.4	.3	.3

¹Includes 165,305,000 board feet of softwood lumber and 7,605,000 board feet of hardwood lumber sawed by New England mills from timber salvaged from the hurricane of 1938.

²Not available separately.

³California only; for 1909 and 1919 Nevada included with "All other."

⁴Includes Nevada.

Source: Department of Commerce, Bureau of the Census (in cooperation with Department of Agriculture, Forest Service, and Tennessee Valley Authority); reports of Census of Manufactures and annual report, *Lumber Production and Mill Stocks*, Facts for Industry Series M13G.

No. 813.—LUMBER AND SHINGLES—PRODUCTION, FOR ALASKA: 1899 TO 1949

YEAR	Number of mills reporting	LUMBER SAWED (M FEET, B. M.)					Shingles (squares) ¹
		Total	Spruce	Hemlock	Cedar	All other	
1899	10	6,571	6,056	15	(?)	² 500	—
1904	6	7,974	7,933	—	(?)	² 41	1,158
1919	22	21,673	21,182	491	—	—	3,222
1925	28	40,857	35,718	2,938	(?)	² 2,201	3,295
1929	19	30,393	21,850	8,205	(?)	² 338	2,943
1935	20	23,490	14,769	8,069	658	3	2,182
1939	24	25,885	18,162	6,071	1,595	57	2,471
1941	27	36,547	28,064	7,515	933	35	3,718
1945	35	59,056	51,623	6,258	1,175	—	565
1946	42	57,506	47,487	8,710	1,296	13	2,432
1947	40	80,480	69,105	9,872	1,497	6	(¹)
1949	69	48,541	39,024	8,647	² 870	—	(¹)

¹ Reported in thousands for 1932 and prior years and converted on basis of 800 shingles to the square.

² Included in "All other."

³ Includes figures for cedar lumber.

⁴ Data not published to avoid disclosing operations of individual establishments.

⁵ Includes figures for birch.

⁶ Not available.

Source: Department of Commerce, Bureau of the Census (in cooperation with Department of Agriculture, Forest Service, and Tennessee Valley Authority); reports of Census of Manufactures and annual report, *Lumber, Lath, and Shingle Production*, Facts for Industry Series M13G.

No. 814.—LATH AND SHINGLES—PRODUCTION: 1899 TO 1951

[Lath in thousands and shingles in squares. Shingles reported in thousands prior to 1933 and converted to squares on basis of 800 shingles to square. See headnote, table 811 for explanation of lack of comparability of statistics. Data for shingles reasonably comparable over a period of years, because of complete enumeration of Red Cedar Shingle Industry, this industry's production comprising over 90 percent of total shingle production]

YEAR	Lath	Shingles	YEAR	Lath	Shingles
1899	2,523,998	15,127,521	1942	306,959	¹ 5,266,673
1909	3,703,195	18,634,214	1943	189,512	¹ 3,736,961
1919	1,724,078	11,490,880	1944 ²	132,859	¹ 3,587,602
1926	3,083,130	7,510,432	1945	113,268	¹ 3,156,613
1929	1,705,858	7,638,340	1946 ³	135,602	¹ 3,462,612
1930	1,097,255	4,955,138	1947	197,078	¹ 3,953,438
1935	620,038	4,416,709	1948	(⁴)	² 3,421,883
1939	562,207	16,500,242	1949	(⁴)	² 3,083,058
1940	523,428	16,126,230	1950	(⁴)	² 3,638,929
1941	521,406	15,957,040	1951 (prel.)	(⁴)	² 3,189,345

¹ Includes data for shakes.

² Data incomplete since mills idle during war were not canvassed for 1944 production.

³ Does not include Connecticut, Delaware, Illinois, Indiana, Iowa, Kansas, Kentucky, Maine, Maryland, Massachusetts, Michigan, Minnesota, Missouri, Nebraska, New Hampshire, New Jersey, New York, North Dakota, Ohio, Pennsylvania, Rhode Island, Vermont, West Virginia, and Wisconsin.

⁴ Not available. ⁵ Red cedar shingles and shakes only; see headnote.

Source: Department of Commerce, Bureau of Census (in cooperation with Department of Agriculture, Forest Service, and Tennessee Valley Authority); reports of Census of Manufactures and annual report, *Red Cedar Shingles*, Facts for Industry Series M13G.

No. 815.—COOPERAGE STOCK—PRODUCTION, BY KIND: 1909 TO 1947

[Staves and hoops in thousands; heading in thousand sets]

KIND	1909	1919	1927	1929	1931	1933	1935	1937	1939	1947 ¹
Staves:										
Tight	379,231	353,825	324,127	357,353	204,624	154,575	221,619	205,286	182,431	131,104
Slack	2,029,548	1,121,324	961,782	1,039,450	537,177	426,585	439,970	574,708	526,315	406,781
Heading:										
Tight	20,691	24,274	26,445	30,329	20,090	13,031	15,259	13,377	14,277	9,807
Slack	140,234	87,381	59,337	72,591	43,375	37,461	35,992	54,318	46,465	36,539
Hoops	375,793	140,772	134,596	133,054	94,311	61,161	51,818	68,152	32,209	10,457

¹ Excludes small amount produced in other than cooperage stock and cooperage industries.

Source: Department of Commerce, Bureau of the Census (in cooperation with Department of Agriculture, Forest Service); reports of Census of Manufactures.

No. 816.—PULPWOOD, WOOD PULP, PAPER AND PAPERBOARD: 1899 TO 1951

[Cords of 128 cu. ft.; short tons of 2,000 lbs. See also *Historical Statistics*, series F 132-133]

YEAR	Pulpwood consumption	Wood-pulp production	Paper and paperboard production	YEAR	Pulpwood consumption	Wood-pulp production	Paper and paperboard production
	<i>Cords</i>	<i>Short tons</i>	<i>Short tons</i>		<i>Cords</i>	<i>Short tons</i>	<i>Short tons</i>
1899.....	1,986,310	1,179,525	2,167,503	1941.....	16,580,000	10,375,422	² 17,933,607
1904.....	3,050,717	1,921,768	3,106,696	1945.....	16,911,861	10,167,200	17,370,965
1909.....	4,001,607	2,495,523	4,216,708	1946.....	17,817,560	10,606,527	19,277,667
1914.....	4,470,763	2,893,150	5,270,047	1947.....	19,714,229	11,945,864	21,114,000
1919.....	5,477,832	3,517,952	6,098,530	1948.....	21,189,458	12,872,292	21,928,348
1925.....	6,093,821	3,962,217	9,182,204	1949.....	19,945,440	12,171,786	20,315,436
1930.....	7,195,524	4,630,308	10,169,140	1950.....	23,627,217	14,807,575	24,377,222
1935.....	7,628,274	4,925,669	10,479,095	1951 ³	26,575,534	16,494,386	26,086,115
1940.....	13,742,958	8,959,559	14,483,709				

¹ Beginning 1940, data on a new basis, i. e., figures include data for 6 mills not classified as pulp producers before 1940. For same reason, an additional mill was included in 1941 and 2 more added in 1943. 1940 figure on old basis, 8,851,740 tons.

² Beginning 1941, data on a new basis, i. e., figures include data for 25 mills not previously classified as producers of paper and paperboard. 1941 figure on old basis, 17,093,092 tons.

³ Preliminary.

Source: Department of Commerce, Bureau of the Census. Published currently in *Facts for Industry Series M14A*.

No. 817.—PULPWOOD CONSUMPTION AND VENEER AND PLYWOOD LOG CONSUMPTION AND PRODUCTION, BY KIND OF WOOD: 1943 TO 1951

YEAR	PULPWOOD CONSUMPTION			VENEER AND PLYWOOD				
	Total	Softwood	Hardwood	Log consumption		Production		
				Softwood ¹	Hardwood ²	Softwood plywood ¹	Hardwood ²	
							Veneer	Plywood ³
	<i>Cords³</i>	<i>Cords³</i>	<i>Cords³</i>	<i>M ft., log scale</i>	<i>M ft., log scale</i>	<i>M sq. ft., 3/4 in. equiv.</i>	<i>M sq. ft., surface meas.</i>	<i>M sq. ft., surface meas.</i>
1943.....	⁴ 15,644,500	13,477,074	1,287,983	659,479	934,860	1,495,170	9,870,597	1,211,814
1944.....	⁵ 16,757,400	13,931,075	1,550,117	646,946	885,960	1,484,889	9,270,351	1,166,243
1945.....	16,911,861	14,519,870	2,391,991	545,762	-----	1,222,382	-----	-----
1946.....	17,817,560	15,384,176	2,433,384	641,738	-----	1,436,065	-----	-----
1947.....	19,714,229	17,021,974	2,692,255	750,633	-----	1,700,446	-----	-----
1948.....	21,189,458	18,400,916	2,698,542	857,722	-----	1,953,883	-----	-----
1949.....	19,945,440	17,330,495	2,614,945	906,709	-----	1,976,649	-----	-----
1950.....	23,627,217	20,405,910	3,221,307	1,157,202	-----	2,675,580	-----	-----
1951 ⁶	26,575,934	22,823,445	3,752,489	1,223,118	1,087,669	3,043,855	11,386,634	1,532,677

¹ West coast softwood plywood industry, principally Douglas fir; includes some hardwood.

² Veneer and plywood industry other than west coast companies; includes some softwood.

³ Cords of 128 cu. ft. (rough wood basis).

⁴ Includes 641,838 cords of woods not classified by kind, and 237,605 cords of saw mill waste.

⁵ Includes 988,873 cords of woods not classified by kind, and 237,335 cords of saw mill waste.

⁶ Preliminary.

Source: Department of Commerce, Bureau of the Census; *Facts for Industry Series 16-3, M13B and M14A*, and records.

No. 818.—WOOD PULP—PRODUCTION, BY STATES AND BY PROCESS: 1909 TO 1951

[Tons of 2,000 pounds]

STATE AND PROCESS	1909	1919	1929	1939	1947 ¹	1949 ¹	1950 ¹	1951 ¹
Total	2, 495, 523	3, 517, 952	4, 862, 885	6, 993, 334	11, 945, 864	12,171,786	14,807,575	16, 494, 386
PROCESS								
Groundwood.....	1, 179, 266	1, 518, 829	1, 637, 653	1, 444, 875	2, 049, 814	1,960, 496	2, 215, 883	2, 476, 635
Defibrated or exploded ²					693, 282	631, 766	972, 680	968, 660
Special alpha and dissolving grades.....								
Sulfite.....	1, 017, 631	1, 419, 829	1, 681, 511	1, 946, 452	2, 795, 962	374, 050	478, 849	616, 802
Sulphate.....		120, 378	918, 084	2, 962, 657	5, 356, 710	2, 162, 234	2, 369, 587	2, 516, 806
Soda.....	298, 626	411, 693	520, 729	441, 565	491, 580	5, 977, 281	7, 501, 429	8, 576, 298
Semi-chemical, off quality, screenings and misc.....		47, 223	104, 908	197, 785	558, 516	492, 194	522, 221	446, 483
STATE								
Alabama.....	(3)	(3)	(3)	(3)	411, 739			
Florida.....	(3)	(3)	(3)	449, 162	783, 258			
Louisiana.....		(3)	246, 590	589, 672	1, 128, 727			
Maine.....	620, 705	916, 764	981, 433	941, 273	1, 237, 075			
Michigan.....	64, 369	106, 194	178, 015	200, 325	232, 678			
Minnesota.....	37, 295	129, 500	189, 664	160, 665	392, 254			
Mississippi.....	(3)	(3)	(3)	(3)	476, 264			
New Jersey.....	(3)	(3)	(3)	(3)	68, 620			
New Hampshire.....	212, 599	232, 134	212, 774	(3)	174, 137	(4)	(4)	(4)
New York.....	679, 534	811, 958	662, 988	460, 652	645, 955			
North Carolina.....	(3)	(3)	(3)	179, 636	(3)			
Pennsylvania.....	135, 525	215, 686	213, 083	193, 958	288, 757			
Vermont.....	(3)	(3)	(3)	(3)	(3)			
Virginia.....	48, 641	(3)	206, 050	402, 929	630, 384			
Washington.....	(3)	83, 575	523, 948	1, 126, 114	1, 591, 229			
Wisconsin.....	324, 509	506, 549	733, 617	655, 816	922, 732			
Other States.....	372, 346	515, 532	714, 723	1, 633, 132	2, 962, 055			

¹ New basis, see table 816; 1951, preliminary.² These processes represent recent developments; production for 1939 and earlier years only a small proportion of total.³ Included in "Other States" to avoid disclosing data for individual establishments.⁴ Data by States not available.Source: Department of Commerce Bureau of the Census; reports of Census of Manufactures; annual report, *Census of Pulp Mills and of Paper and Paperboard Mills*, Facts for Industry Series M14A, and records.

No. 819.—WOOD PRODUCTS TREATED WITH PRESERVATIVES: 1909 TO 1951

[In thousands of cubic feet. See also *Historical Statistics*, series F 123-131]

PRODUCT	1909	1919	1930	1935	1940	1945	1949	1950	1951 ¹
Total	75, 946	146, 061	332, 319	179, 439	265, 473	279, 450	290, 556	288, 788	300, 082
Crossties.....	62, 079	112, 704	189, 801	103, 509	128, 000	140, 206	120, 076	109, 498	110, 309
Poles ²	660,	6, 661	75, 258	35, 793	74, 129	74, 391	106, 159	109, 470	103, 057
Lumber ³							23, 789	27, 044	31, 316
Piles.....	4, 422	9, 169	17, 027	8, 575	15, 660	20, 525	10, 994	12, 282	17, 152
Switch ties ⁴			14, 623	7, 836	8, 859	9, 900	10, 863	8, 974	10, 488
Fence posts ³							5, 940	8, 382	8, 477
Construction timbers.....	5, 286	12, 062	19, 013	15, 683	12, 496	9, 803	6, 442	5, 777	6, 365
Wood blocks.....	2, 994	4, 714	5, 012	1, 484	2, 730	3, 294	2, 265	2, 584	4, 835
Cross arms.....	42	75	1, 299	351	675	1, 469	1, 392	1, 812	3, 046
Miscellaneous.....	464	676	10, 284	6, 207	22, 924	19, 863	2, 636	2, 965	5, 037

¹ Preliminary, subject to revision.² Includes both full-length pressure-treated poles and nonpressure (butt-treated) poles.³ Included in miscellaneous prior to 1949.⁴ Included in construction timbers prior to 1925.Source: Department of Agriculture, Forest Service (in cooperation with American Wood-Preservers' Association); annual report, *Quantity of Wood Treated and Preservatives Used in the United States*.

No. 820.—PAPER AND BOARD—PRODUCTION BY TYPE: 1948 TO 1951

[Tons of 2,000 pounds]

TYPE OF PAPER	1948	1949	1950	1951 ¹
All types.....	21,897,301	20,315,436	24,377,222	26,086,115
Paper, total.....	9,797,099	9,197,520	10,641,559	11,621,640
Newsprint.....	875,760	917,778	1,013,346	1,106,086
Groundwood printing and specialty paper, uncoated, total.....	771,850	674,542	704,064	788,713
Printing.....	537,575	484,783	487,616	(2)
Converting.....	203,969	161,840	185,363	(2)
Other.....	30,306	27,919	31,085	(2)
Printing and converting paper, paper machine coated, total.....	808,744	887,371	1,020,002	1,115,204
Coated on one side.....	53,522	93,414	68,414	(2)
Coated on two sides.....	755,222	793,957	951,588	(2)
Book paper, uncoated, total.....	1,570,405	1,416,309	1,578,795	1,621,620
Printing.....	1,067,576	926,601	1,005,968	(2)
Converting.....	484,823	475,948	558,685	(2)
Other.....	18,006	13,760	14,142	(2)
Fine paper, total.....	1,140,859	1,014,954	1,198,574	1,364,029
Writing, total.....	908,901	806,133	957,909	(2)
Rag (including index).....	130,361	119,819	138,236	(2)
Chemical wood pulp.....	778,540	686,314	819,673	(2)
Cover and text.....	71,744	62,732	60,928	(2)
Bristols (except rag index).....	88,136	79,593	(2)	(2)
Thin.....	72,078	62,815	74,366	(2)
Other.....	(2)	3,681	(2)	(2)
Coarse paper, total.....	3,026,699	2,757,731	3,285,635	3,597,144
Glassine, greaseproof and vegetable parchment.....	151,239	141,139	161,787	(2)
Wrapping, total.....	725,913	691,502	715,285	(2)
Unbleached kraft.....	360,385	380,601	392,706	(2)
Other.....	365,528	310,901	322,579	(2)
Bag, total.....	735,770	690,374	748,698	(2)
Unbleached kraft.....	702,772	655,858	710,024	(2)
Other.....	32,998	34,516	36,674	(2)
Shipping sack.....	567,050	509,593	754,837	(2)
Converting, total.....	846,727	725,123	907,028	(2)
Unbleached kraft.....	580,992	474,041	562,852	(2)
Other.....	265,735	251,082	344,176	(2)
Special industrial.....	307,690	247,893	340,903	419,036
Sanitary.....	982,692	1,008,162	1,148,351	1,215,258
Tissue.....	205,095	186,607	225,199	270,138
Absorbent.....	107,305	86,113	126,690	124,412
Paperboard, total.....	9,366,289	8,996,777	10,925,225	11,604,536
Liners.....	3,436,305	3,131,627	3,872,051	4,204,580
Corrugating material.....	1,372,691	1,305,890	1,636,881	1,814,508
Container chip and filler board.....	269,833	242,559	321,345	327,878
Folding boxboard (for use in folding box plants only).....	2,024,176	1,942,871	2,368,848	2,428,794
Set-up boxboard (for use in set-up box plants only).....	596,190	617,249	712,632	700,762
Cardboard.....	86,791	83,204	86,748	79,494
All other paperboard.....	1,580,203	1,673,377	1,926,720	2,048,520
Wet machine board, total.....	142,134	131,036	166,237	144,431
Shoe board.....	51,077	44,097	47,830	(2)
Binder board.....	39,146	36,477	42,881	(2)
Other.....	51,911	50,462	75,526	(2)
Construction paper materials, total.....	2,591,779	1,990,103	2,644,201	2,715,508
Building paper (including flexible fibre insulation).....	1,321,431	1,151,374	1,424,633	1,400,658
Building board.....	1,270,348	838,729	1,219,568	1,314,850

¹ Preliminary.² Not available.Source: Department of Commerce, Bureau of the Census; annual report, *Census of Pulp Mills and of Paper and Paperboard Mills*, Facts for Industry Series M14A.

No. 821.—NEWSPRINT—PRODUCTION, STOCKS, CONSUMPTION, IMPORTS AND PRICE:
1935 TO 1950

[Monthly averages, in tons of 2,000 pounds, except as indicated]

COUNTRY AND ITEM	1935	1940	1945	1946	1947	1948	1949	1950
CANADA, INCLUDING NEWFOUNDLAND ¹								
Production.....	256,916	314,162	299,325	375,505	401,680	415,236	431,361	439,882
Shipments from mills.....	254,145	316,985	296,076	374,688	406,107	413,920	430,361	442,553
Stocks at mills, end of month.....	245,293	261,342	139,763	181,488	161,182	137,511	159,770	146,397
UNITED STATES								
Consumption by publishers ²	221,924	237,996	204,593	261,356	297,057	334,152	354,791	378,480
Production ¹	76,033	84,453	60,371	64,241	68,796	72,291	74,961	84,559
Shipments from mills ¹	76,436	84,411	60,455	63,501	69,373	72,237	74,805	84,773
Stocks, end of month:								
At mills ¹	17,735	16,869	7,135	9,647	11,251	7,663	11,802	8,543
At publishers ²	224,535	207,813	252,956	218,574	257,265	320,756	398,088	332,299
In transit to publishers ²	36,049	43,191	47,451	63,370	75,965	86,114	82,207	89,823
Imports ³	198,610	230,212	222,400	291,022	329,839	366,273	386,630	405,250
Price, rolls, New York ⁴ dollars per ton.....	40.00	50.00	60.25	72.29	88.62	97.69	100.00	100.92

¹ Data from News Print Service Bureau and the Newsprint Association of Canada.

² Data from American Newspaper Publishers Association.

³ Data from the Bureau of the Census.

⁴ Data from Bureau of Labor Statistics.

Source: Department of Commerce, Office of Business Economics; *Business Statistics Supplement to the Survey of Current Business*, 1951. Monthly data published currently in *Survey of Current Business*.

NO. 822.—TURPENTINE AND ROSIN—PRODUCTION, 1899 TO 1951, AND BY STATES, 1947 TO 1951

[See also *Historical Statistics*, series F 137-142 where source of figures for 1898-1932 are from *Gamble's International Naval Stores Year Book* and differ from census figures in this table]

YEAR ¹	TURPENTINE (BARRELS OF 50 GALLONS)			ROSIN (DRUMS 520 LBS. NET)		
	Total	From gum ²	From wood ³	Total	From gum ²	From wood ³
1899.....	754, 670	754, 670	(⁴)	1, 947, 946	1, 947, 946	(⁴)
1904.....	622, 585	613, 741	8, 844	1, 571, 739	1, 571, 739	(⁴)
1909.....	594, 283	579, 779	14, 137	1, 462, 208	1, 462, 208	(⁴)
1914.....	552, 979	539, 620	11, 611	1, 319, 328	1, 292, 514	23, 218
1919.....	384, 563	353, 877	30, 687	1, 015, 774	910, 928	104, 846
1920-30.....	718, 802	626, 417	92, 385	1, 963, 349	1, 580, 505	382, 844
1932-33.....	575, 131	501, 000	74, 131	1, 658, 064	1, 302, 720	295, 944
1933-34.....	624, 761	526, 000	98, 761	1, 837, 870	1, 430, 448	407, 422
1934-35.....	603, 093	510, 000	93, 093	1, 793, 298	1, 387, 200	396, 098
1935-36.....	602, 908	497, 000	105, 908	1, 821, 193	1, 360, 950	460, 243
1936-37.....	634, 520	482, 787	151, 733	1, 865, 569	1, 286, 347	579, 222
1937-38.....	700, 331	518, 454	181, 877	2, 049, 573	1, 388, 343	661, 230
1938-39.....	709, 218	534, 291	174, 927	2, 080, 913	1, 466, 344	623, 569
1939-40.....	604, 778	382, 781	221, 997	1, 835, 177	1, 054, 236	780, 941
1940-41.....	506, 341	343, 938	222, 403	1, 717, 492	938, 911	778, 581
1941-42.....	548, 796	285, 050	263, 746	1, 708, 474	701, 710	916, 764
1942-43.....	560, 351	321, 930	238, 421	1, 655, 803	868, 698	787, 105
1943-44.....	508, 432	288, 362	220, 050	1, 462, 831	783, 565	679, 266
1944-45.....	471, 243	245, 194	226, 049	1, 317, 912	692, 212	625, 700
1945-46.....	488, 131	244, 252	243, 879	1, 452, 036	694, 476	757, 560
1946-47.....	569, 985	270, 286	299, 699	1, 720, 248	752, 535	967, 713
1947-48.....	640, 903	294, 028	346, 875	1, 990, 831	828, 128	1, 162, 703
1948-49.....	659, 140	324, 330	334, 810	2, 076, 110	921, 220	1, 154, 890
1949-50.....	673, 290	323, 010	350, 280	2, 023, 510	824, 900	1, 098, 610
1950-51.....	708, 550	271, 880	436, 670	2, 137, 030	797, 020	1, 339, 410

STATE	PRODUCTION FROM CRUDE GUM ¹							
	Turpentine (barrels of 50 gallons)				Rosin (drums 520 lbs. net) ²			
	1947-48	1948-49	1949-50	1950-51	1947-48	1948-49	1949-50	1950-51
Alabama.....	20, 219	21, 860	19, 600	16, 300	56, 841	61, 438	56, 283	47, 824
Florida.....	65, 871	59, 300	59, 030	47, 100	184, 527	167, 809	168, 849	137, 891
Georgia.....	205, 060	241, 370	242, 110	207, 270	575, 001	682, 241	601, 080	608, 157
Mississippi.....	734	1, 800	2, 270	1, 210	1, 648	5, 502	6, 459	3, 188
Louisiana.....	1, 166				3, 295			
South Carolina.....	978				2, 471			

¹ Figures for turpentine and rosin from crude gum, beginning 1929-30, and from wood beginning 1933-34, relate to crop year ended Mar. 31. All other figures relate to calendar years.

² Figures compiled from data reported by establishments in turpentine and rosin industry.

³ Figures compiled from data reported by establishments in Wood-Distillation industry.

⁴ Not reported.

⁵ Includes, for 1909 and 1914, 366 barrels and 1,848 barrels respectively, of turpentine and, for 1914, 3,596 drums of rosin, reported by establishments engaged in manufacture of lumber and timber products.

⁶ Estimated by J. E. Lockwood; complete data not available. Figures include estimates of rosin produced from reclaimed gum, as follows: 1932-33, 26,720 drums; 1933-34, 28,048; 1934-35, 27,200.

⁷ Includes estimates by J. E. Lockwood for production of turpentine from steam-distilled wood.

⁸ Includes data for rosin produced from reclaimed gum: For 1935-36, 43,350 drums; 1936-37, 34,155; 1937-38, 21,017; 1938-39, 31,983; 1939-40, 31,414; 1940-41, 20,181; 1941-42, 19,765; 1942-43, 11,207; 1943-44, 9,824; 1944-45, 8,066; 1945-46, 8,538; 1946-47, 8,449; 1947-48, 4,345; 1948-49, 4,230; 1949-50, 2,230; 1950-51, 560.

⁹ Figures do not include data for rosin produced from reclaimed gum. See note 8.

Source: Figures for 1899 to 1932, Department of Commerce, Bureau of the Census; reports of Census of Manufactures. Figures for 1933 to 1947, Department of Agriculture, Bureau of Agricultural and Industrial Chemistry; figures for 1948 and subsequent years, Department of Agriculture, Bureau of Agricultural Economics; *Annual Naval Stores Report*.

27. Fisheries

(Sent to print May 7, 1952)

The Fish and Wildlife Service, Branch of Commercial Fisheries, in the Department of the Interior, conducts annual surveys for various statistical information on the fishery industries. These data are published in greater detail in publications of the Service and include data on the volume of the catch of individual species of fish and shellfish and their value, employment in the fisheries, quantity of gear operated, the number of fishing and transporting craft employed in the capture and transporting of fishery products, employment in wholesale and manufacturing establishments, and volume and value of the production of manufactured fishery products. In addition to the basic statistics on employment, yield, and the production of manufactured fishery products for individual States and various geographical sections, there are included in reports data on imports and exports of fishery commodities; landings by fishing craft at Boston, Gloucester, New Bedford, and on Cape Cod, Massachusetts; at Maine ports; and Seattle, Washington; shad fisheries of the Hudson and Potomac Rivers; alewife fishery in the Potomac; seed oyster fisheries; a review of the Pacific Coast halibut fishery; a statement on whaling operations by United States firms; data on the sponge fishery; and lists of firms producing various manufactured fishery products. These data are summarized in the *Statistical Abstract*. The more detailed information may be obtained from the Fish and Wildlife Service, Washington 25, D. C.

Historical statistics.—See preface and historical appendix. Tabular headnotes (as "See also *Historical Statistics*, series F 166-192") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*.

No. 823.—FISHERIES—SUMMARY OF TOTAL CATCH AND VALUE: 1930 TO 1951

[Includes Alaska beginning with 1941, data partly estimated. See also *Historical Statistics*, series F 155]

YEAR	Quantity (1,000 pounds)	Value to fishermen (1,000 dollars)	YEAR	Quantity (1,000 pounds)	Value to fishermen (1,000 dollars)
1930-----	3, 286, 580	109, 349	1944-----	4, 500, 000	213, 000
1937-----	4, 352, 549	100, 845	1945-----	4, 575, 500	269, 900
1938-----	4, 253, 445	93, 547	1946-----	4, 455, 600	310, 000
1939-----	4, 443, 328	96, 532	1947-----	4, 344, 400	307, 600
1940-----	4, 059, 524	98, 957	1948-----	4, 575, 000	367, 000
1941-----	4, 900, 000	129, 000	1949-----	4, 796, 000	339, 000
1942-----	3, 876, 524	170, 338	1950-----	4, 900, 000	365, 000
1943-----	4, 202, 281	204, 029	1951 (prel.)-----	4, 400, 000	345, 000

No. 824.—FISHERIES—CATCH, BY SECTIONS

[See also *Historical Statistics*, series F 166-192, for data on quantity of catch]

SECTION	Year	Fisher- men	Fishing vessels	Fishing boats	CATCH	
					Quantity	Value to fishermen
		Number	Number	Number	1,000 pounds	1,000 dollars
New England States-----	1949----	24, 839	948	13, 839	999, 976	58, 537
Middle Atlantic States-----	1949----	15, 171	590	7, 066	520, 976	27, 118
Chesapeake Bay States-----	1949----	18, 346	504	11, 989	334, 656	25, 183
South Atlantic and Gulf States-----	1949----	1 35, 730	1 2, 903	1 17, 324	2 929, 534	2 64, 837
Pacific Coast States-----	1949----	31, 794	3, 232	7, 906	1, 364, 519	100, 373
Great Lakes States-----	1949----	3 5, 142	3 499	3 1, 785	85, 693	11, 458
Mississippi River States-----	1931----	15, 884	-----	14, 546	82, 383	2, 897
Alaska-----	1949----	10, 757	1, 597	3, 473	472, 889	39, 299

¹ Data for Florida for 1940 and for North Carolina, South Carolina and Georgia for 1945.

² Data for North Carolina, South Carolina, Georgia and east coast of Florida are for 1945.

³ Data for 1940.

Source of tables 823 and 824: Department of the Interior, Fish and Wildlife Service; annual bulletins.

No. 825.—FISHERIES—QUANTITY AND VALUE OF CATCH, BY SECTIONS AND STATES:
1880 to 1949

[Values represent the value of fish to fishermen]

CALENDAR YEAR	NEW ENGLAND STATES					
	Total		Maine		New Hampshire	
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
1880.....		12, 503. 0		2, 742. 6		170. 6
1902.....	534, 075	12, 406. 3	242, 390	2, 918. 8	1, 593	50. 0
1908.....	530, 029	15, 139. 0	173, 843	3, 257. 0	677	53. 0
1919.....	467, 340	19, 838. 7	147, 956	3, 889. 0	529	92. 7
1929.....	694, 286	29, 072. 5	162, 939	4, 897. 2	378	52. 1
1930.....	701, 351	27, 493. 5	143, 824	4, 329. 4	1, 069	69. 1
1935.....	655, 430	17, 983. 6	112, 219	3, 309. 2	354	61. 6
1940.....	626, 054	20, 493. 7	88, 088	2, 606. 4	788	105. 2
1945.....	845, 471	56, 589. 0	184, 425	12, 499. 1	1, 549	487. 7
1947.....	802, 593	56, 179. 3	220, 868	12, 870. 0	707	228. 4
1948.....	998, 380	67, 987. 9	303, 504	16, 077. 0	530	256. 2
1949.....	999, 976	58, 536. 9	294, 297	14, 988. 0	443	169. 9
CALENDAR YEAR	Massachusetts		Rhode Island		Connecticut	
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
1880.....		7, 959. 8		696. 8		933. 2
1902.....	230, 646	6, 482. 4	21, 614	1, 155. 7	37, 832	1, 799. 4
1908.....	244, 313	7, 095. 0	44, 254	1, 752. 0	66, 942	2, 982. 0
1919.....	246, 951	10, 859. 7	48, 251	3, 296. 6	23, 653	1, 700. 6
1929.....	447, 689	18, 052. 5	28, 401	2, 435. 3	54, 879	3, 635. 4
1930.....	442, 474	16, 289. 1	25, 972	2, 287. 3	88, 012	4, 518. 6
1935.....	503, 417	12, 147. 9	24, 524	1, 247. 9	14, 916	1, 217. 0
1940.....	510, 938	15, 755. 8	12, 060	966. 2	14, 180	1, 060. 2
1945.....	625, 878	39, 643. 3	20, 525	2, 376. 9	13, 094	1, 582. 0
1947.....	543, 110	38, 763. 6	21, 436	2, 452. 7	16, 472	1, 854. 6
1948.....	649, 696	46, 665. 4	26, 445	3, 239. 5	18, 205	1, 749. 8
1949.....	647, 613	38, 991. 5	33, 428	2, 229. 9	24, 195	2, 157. 6

CALENDAR YEAR	MIDDLE ATLANTIC STATES					
	Total		New York		New Jersey	
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
1880.....	408, 202	8, 677. 0	329, 453	4, 225. 7	65, 151	3, 176. 6
1901.....	357, 888	9, 104. 7	228, 092	3, 894. 3	117, 931	4, 755. 5
1908.....	221, 450	8, 280. 0	71, 474	4, 390. 0	74, 827	3, 069. 0
1921.....	332, 932	11, 667. 4	210, 377	4, 986. 9	96, 937	5, 983. 4
1930.....	193, 868	13, 063. 7	45, 495	4, 933. 7	97, 275	7, 474. 4
1935.....	279, 438	6, 415. 7	84, 939	3, 135. 4	107, 802	2, 844. 3
1940.....	355, 553	7, 651. 0	91, 959	4, 216. 2	160, 554	2, 956. 9
1945.....	494, 193	23, 224. 2	117, 548	10, 052. 7	207, 647	11, 062. 5
1947.....	632, 405	28, 425. 1	136, 962	13, 204. 3	240, 092	9, 783. 1
1948.....	500, 992	28, 642. 0	129, 707	14, 222. 4	216, 803	10, 371. 7
1949.....	520, 977	27, 117. 1	145, 505	14, 364. 8	208, 998	9, 744. 5
CALENDAR YEAR	Pennsylvania		Delaware			
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
1880.....	1, 680	277. 0	11, 918	997. 7		
1901.....	6, 030	251. 5	5, 835	203. 4		
1908.....	4, 380	280. 0	70, 769	541. 0		
1921.....	595	44. 6	25, 023	652. 4		
1930.....	17	2. 8	51, 081	652. 8		
1935.....	31	5. 7	86, 666	430. 4		
1940.....	23	2. 4	103, 017	475. 4		
1945.....			168, 998	2, 109. 0		
1947.....			255, 352	5, 437. 7		
1948.....			154, 482	3, 548. 0		
1949.....			166, 474	3, 007. 8		

CALENDAR YEAR	CHESAPEAKE BAY STATES					
	Total		Maryland		Virginia	
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
1880.....	254, 587	8, 346. 2	95, 713	5, 221. 7	158, 875	3, 124. 4
1901.....	461, 159	8, 380. 8	82, 975	3, 767. 5	378, 183	4, 613. 4
1908.....	426, 311	8, 022. 0	113, 796	3, 306. 0	312, 515	4, 716. 0
1920.....	530, 750	12, 740. 4	59, 531	4, 198. 7	471, 219	8, 541. 7
1930.....	316, 393	11, 472. 0	71, 099	3, 984. 7	245, 294	7, 487. 3
1935.....	265, 827	5, 524. 5	48, 235	2, 003. 6	217, 592	3, 520. 9
1940.....	320, 736	7, 456. 4	51, 085	2, 598. 6	269, 651	4, 857. 9
1945.....	304, 463	30, 363. 2	51, 676	8, 844. 9	252, 787	21, 518. 3
1947.....	408, 015	28, 332. 6	59, 712	8, 134. 3	348, 303	20, 195. 3
1948.....	364, 336	27, 604. 2	54, 213	8, 220. 0	310, 123	19, 384. 2
1949.....	334, 656	25, 182. 3	58, 981	8, 583. 8	275, 675	16, 598. 5

CALENDAR YEAR	SOUTH ATLANTIC STATES					
	Total		North Carolina		South Carolina	
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
1880.....	42, 952	1, 256. 6	32, 249	845. 7	6, 143	212. 5
1902.....	106, 446	2, 839. 6	67, 585	1, 739. 7	8, 174	263. 0
1908.....	166, 875	4, 034. 0	101, 422	1, 776. 0	14, 104	288. 0
1918.....	332, 614	5, 348. 6	210, 502	2, 078. 7	7, 447	207. 7
1928.....	262, 118	6, 196. 2	141, 899	2, 620. 2	3, 732	316. 8
1934.....	261, 080	3, 624. 1	163, 462	1, 672. 2	5, 891	225. 3
1940.....	325, 515	4, 064. 1	170, 581	1, 864. 6	8, 446	255. 3
1945.....	404, 946	15, 132. 4	198, 169	5, 495. 3	10, 855	899. 4
CALENDAR YEAR	Georgia		Florida (east coast only)			
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
1880.....	2, 272	120. 0	2, 287	78. 4		
1902.....	359. 1	10, 584	1, 269. 0			
1908.....	701. 0	36, 521	1, 746. 2			
1918.....	416. 0	81, 211	2, 383. 9			
1928.....	866. 3	70, 718	1, 367. 1			
1934.....	359. 5	64, 586	1, 553. 1			
1940.....	380. 6	132, 816	7, 388. 1			
1945.....	1, 349. 6	174, 524				

NO. 825.—FISHERIES—QUANTITY AND VALUE OF CATCH, BY SECTIONS AND STATES:
1880 TO 1949—Continued

CALENDAR YEAR	GULF STATES					
	Total		Florida (west coast only)		Alabama	
	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>
1880.....	23, 561	1, 227. 5	8, 376	564. 8	3, 542	119. 3
1902.....	113, 697	3, 494. 2	48, 120	1, 462. 2	9, 351	286. 7
1908.....	118, 274	4, 860. 0	37, 566	2, 120. 0	10, 665	387. 0
1918.....	130, 924	6, 510. 3	54, 754	3, 420. 4	5, 609	230. 6
1928.....	191, 007	9, 866. 3	61, 121	3, 866. 5	14, 466	586. 8
1930.....	141, 953	6, 794. 9	53, 525	3, 001. 4	7, 113	315. 5
1934.....	186, 834	6, 369. 6	54, 215	2, 267. 6	7, 994	253. 4
1940.....	250, 018	10, 680. 8	54, 676	3, 451. 6	11, 344	561. 9
1945.....	341, 081	39, 197. 4	69, 322	11, 447. 9	15, 137	2, 443. 3
1948.....					12, 556	2, 157. 3
1949.....	524, 588	49, 705. 8	93, 420	9, 578. 6	10, 155	1, 973. 8
	Mississippi		Louisiana		Texas	
	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>
1880.....	788	22. 5	6, 996	392. 6	3, 859	128. 3
1902.....	23, 427	553. 2	24, 754	858. 3	8, 044	353. 8
1908.....	17, 302	459. 0	42, 302	1, 448. 0	10, 439	446. 0
1918.....	20, 592	762. 8	24, 964	1, 419. 4	25, 016	677. 2
1928.....	30, 701	1, 080. 1	69, 507	3, 477. 9	15, 212	875. 0
1930.....	15, 736	740. 1	49, 886	1, 960. 4	15, 693	777. 5
1934.....	22, 153	652. 3	76, 633	2, 284. 6	25, 809	911. 7
1940.....	38, 002	623. 1	126, 637	4, 951. 5	19, 369	992. 7
1945.....	70, 787	1, 711. 4	163, 902	20, 485. 7	21, 633	3, 109. 1
1948.....	80, 450	2, 588. 6	209, 108	24, 382. 0	55, 580	6, 145. 0
1949.....	52, 895	1, 025. 3	288, 587	27, 403. 6	79, 531	9, 124. 5

CALENDAR YEAR	PACIFIC COAST STATES								Alaska	
	Total		Washington		Oregon		California			
	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>
1888.....	87, 043	4, 010. 0	20, 468	811. 0	26, 048	734. 0	40, 527	2, 465. 0	-----	-----
1889.....	206, 911	6, 278. 6	119, 340	2, 871. 4	22, 752	855. 7	64, 819	2, 551. 5	-----	-----
1908.....	198, 056	6, 539. 0	111, 856	3, 513. 0	28, 221	1, 356. 0	53, 479	1, 970. 0	-----	-----
1915.....	304, 796	9, 306. 0	170, 694	5, 321. 0	34, 693	1, 479. 0	99, 509	2, 606. 0	-----	-----
1925.....	627, 025	24, 580. 5	139, 457	9, 476. 4	40, 008	3, 442. 4	447, 560	11, 661. 7	616, 136	9, 860. 7
1930.....	833, 389	23, 064. 1	110, 039	8, 334. 8	26, 459	2, 256. 3	696, 891	12, 473. 0	620, 702	12, 755. 6
1935.....	1, 676, 236	23, 088. 8	124, 086	6, 328. 7	85, 392	2, 076. 8	1, 466, 758	14, 683. 3	648, 710	9, 093. 2
1940.....	1, 456, 281	20, 578. 0	111, 632	6, 676. 3	54, 203	2, 741. 8	1, 290, 446	20, 159. 9	563, 688	10, 612. 1
1945.....	1, 428, 278	62, 694. 3	196, 136	18, 154. 6	72, 774	7, 507. 3	1, 159, 369	37, 032. 4	596, 052	22, 288. 1
1947.....	1, 043, 024	93, 766. 1	172, 908	23, 806. 9	78, 680	9, 766. 6	791, 436	60, 192. 6	613, 810	27, 982. 2
1948.....	1, 135, 149	114, 018. 2	151, 694	22, 572. 9	87, 962	11, 461. 8	895, 493	79, 983. 5	566, 900	31, 494. 8
1949.....	1, 364, 518	100, 373. 1	174, 161	20, 802. 9	61, 096	7, 065. 5	1, 129, 261	72, 504. 7	472, 889	39, 299. 0

CALENDAR YEAR	GREAT LAKES ¹									
	Total ²		Lake Superior		Lake Michigan		Lake Huron		Lake Erie	
	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>
1885.....	99,842	2,691.9	8,826	291.5	23,518	878.8	11,457	276.4	51,457	1,109.1
1899.....	113,727	2,611.4	5,430	150.9	34,500	876.7	12,418	308.1	58,394	1,150.9
1908.....	106,631	3,768.0	10,198	342.0	40,019	1,232.0	12,932	486.0	41,922	1,280.0
1917.....	104,269	6,295.0	15,447	726.7	35,461	2,270.9	13,363	887.5	88,710	2,327.3
1927.....	81,327	6,794.9	15,302	918.1	23,681	2,354.8	15,711	1,444.4	23,796	1,831.3
1930.....	94,948	6,050.3	14,694	695.3	30,973	2,159.0	16,377	1,319.9	29,540	1,655.5
1935.....	90,223	5,944.9	17,874	940.6	25,089	1,942.6	13,676	1,224.1	30,357	1,643.6
1940.....	79,296	5,625.4	20,672	904.0	22,814	2,044.5	9,090	679.9	22,944	1,772.0
1945.....	78,643	13,800.1	18,725	2,574.0	22,090	5,570.9	7,475	1,120.0	28,631	4,266.9
1947.....	69,801	10,736.9	14,987	1,673.6	24,958	8,875.8	8,034	1,153.2	19,813	3,812.7
1948.....	83,959	12,680.6	19,221	2,347.0	27,023	4,596.0	8,836	1,361.0	26,502	4,102.0
1949.....	85,693	11,458.4	17,730	2,190.1	25,573	3,822.7	5,580	594.9	34,249	4,618.1

¹ Collected for most part by State fishery agencies and compiled by Fish and Wildlife Service since 1927.

² Includes, in addition to lakes shown, small amounts for Lake Ontario and also prior to 1927, Lake St. Clair and St. Clair and Detroit Rivers and beginning 1927, Lake-of-the-Woods, Namakan Lake, and Rainy Lake.

No. 825.—FISHERIES—QUANTITY AND VALUE OF CATCH, BY SECTIONS AND STATES:
1880 TO 1949—Continued

MISSISSIPPI RIVER AND TRIBUTARIES							
CALENDAR YEAR	Total		TRIBUTARY	1922		1931	
	1,000 pounds	1,000 dollars		1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
1894.....	44,545	1,384.6	Arkansas.....	2,034	136.3	4,777	49.9
1899 ¹	96,797	1,781.0	Atchafalaya.....	4,579	254.7	9,231	523.1
1903 ¹	93,374	1,841.2	Cumberland.....	728	14.7	1,06	13.0
1908 ¹	148,284	3,125.0	Illinois ¹	12,661	617.3	5,985	159.7
1922.....	105,734	4,503.5	Missouri ¹	1,232	105.2	1,051	94.3
1931.....	82,382	2,897.3	Ohio River and minor tributaries.....	7,458	379.1	1,221	96.5
	Mississippi and minor tributaries		Red ¹	6,677	324.5	6,417	277.4
1894.....	21,242	587.8	St. Francis ¹	3,684	108.9	2,173	65.6
1899.....	68,604	823.0	Tennessee ¹	4,990	98.3	5,222	75.0
1903.....	53,851	1,157.4	Wabash ¹	12,063	357.8	8,388	152.0
1908.....	33,945	1,645.3	White (Missouri and Ar- kansas) ¹	14,662	405.9	12,363	256.7
1922.....	28,139	1,076.3	Yazoo.....	1,022	55.6	1,311	57.8
1931.....							

¹ Excluding Atchafalaya River. ⁴ Including tributaries.

No. 826.—FISHERIES—CATCH OF PRINCIPAL SPECIES: 1931 TO 1950

[In thousands of pounds. Includes Alaska]

GROUP AND SPECIES	1931	1939	1944	1945	1946	1947	1948	1949	1950 ¹
FISH									
Cod.....	112,303	124,347	(2)	153,027	103,200	72,382	80,008	71,012	(2)
Haddock.....	195,419	178,524	140,566	154,988	155,035	166,371	156,375	134,971	160,000
Herring, sea.....	169,374	262,810	(2)	236,019	283,911	320,622	377,133	205,030	360,000
Mackerel.....	61,645	113,503	(2)	112,380	105,956	105,281	90,447	91,841	(2)
Menhaden.....	230,398	375,480	685,980	778,464	851,129	1,007,981	990,712	1,075,573	1,000,000
Pilchard or sardine.....	300,204	1,240,975	1,135,582	849,971	530,994	272,236	373,159	633,540	712,000
Salmon.....	301,095	525,978	430,997	498,892	478,257	498,048	403,750	484,206	330,000
Tuna and tuna-like.....	60,059	182,165	170,053	185,925	222,178	269,608	328,872	335,680	368,000
Ocean perch.....	237	78,206	(1)	131,834	178,152	146,587	238,096	236,987	208,000
SHELLFISH									
Crabs.....	83,701	109,414	(2)	121,050	(2)	(2)	(2)	(2)	(2)
Shrimp.....	99,432	150,250	(2)	191,345	(2)	(2)	(2)	(2)	190,000
Oysters.....	101,036	93,006	(2)	75,655	(2)	(2)	(2)	(2)	(2)
Whale products.....		5,159	99			820	1,178	790	(2)

¹ Preliminary.

² Complete data not available.

No. 827.—FISHERIES—DISPOSITION OF DOMESTIC CATCH: 1945 TO 1951

[Includes Alaska. 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. About 600,000,000 pounds of waste were used in production of meal and oil each year shown. See also *Historical Statistics*, series F 155-159]

FORM MARKETED	ROUND WEIGHT OF CATCH (millions of pounds)						
	1945	1946	1947	1948	1949	1950 ¹	1951 ¹
Total.....	4,576	4,456	4,344	4,575	4,796	4,900	4,400
Fresh and frozen.....	1,847	1,711	1,545	1,663	1,620	1,654	1,694
Canned.....	1,230	1,220	1,384	1,488	1,663	1,774	1,348
Cured.....	110	115	100	100	100	100	100
Byproducts, bait, etc.....	1,389	1,410	1,315	1,324	1,404	1,872	1,258

¹ Preliminary.

Source of tables 825, 826, and 827: Department of the Interior, Fish and Wildlife Service; annual bulletins.

NO. 828.—LANDINGS BY FISHING CRAFT AT PRINCIPAL ATLANTIC PORTS: 1944 TO 1950

[See also *Historical Statistics*, series F 193, 195]

PORT AND YEAR	Total, all species	Cod	Had- dock	Hake	Pol- lock	Cusk	Whit- ing	Mack- erel	Rose- fish	Floun- ders	Miscel- laneous
Quantity (thousands of pounds)											
Boston:											
1944.....	153, 123	43, 108	73, 692	1, 669	6, 983	877	5, 295	14, 274	2, 033	4, 163	1, 029
1945.....	188, 161	72, 895	66, 354	1, 123	10, 300	281	9, 958	17, 725	1, 377	6, 908	1, 240
1946.....	158, 695	35, 722	71, 473	2, 263	13, 077	411	6, 776	14, 139	5, 219	8, 047	1, 468
1947.....	202, 663	34, 409	107, 465	3, 536	8, 031	572	10, 231	13, 321	10, 526	11, 681	2, 991
1948.....	199, 980	34, 710	105, 308	3, 462	17, 684	1, 077	11, 428	3, 473	11, 383	9, 153	2, 302
1949.....	172, 470	28, 645	90, 146	3, 292	13, 186	1, 197	12, 994	709	12, 112	8, 107	2, 081
1950.....	172, 033	24, 360	107, 379	2, 908	9, 886	1, 265	4, 887	1, 051	7, 740	10, 028	2, 439
Gloucester:											
1944.....	192, 710	19, 965	16, 156	5, 193	10, 141	680	9, 850	33, 545	91, 582	4, 216	1, 382
1945.....	213, 498	25, 797	21, 786	11, 544	15, 792	773	16, 830	11, 890	102, 038	4, 830	2, 218
1946.....	217, 968	16, 898	16, 188	4, 286	18, 393	844	8, 857	15, 498	130, 900	3, 989	2, 115
1947.....	163, 713	8, 276	12, 692	2, 524	5, 569	487	9, 126	24, 011	95, 357	2, 115	3, 556
1948.....	251, 113	7, 697	11, 162	3, 323	9, 205	793	13, 693	19, 886	176, 801	2, 737	5, 816
1949.....	250, 910	6, 976	8, 516	2, 768	6, 147	777	19, 442	6, 876	169, 281	7, 643	22, 484
1950.....	195, 931	5, 999	9, 983	4, 162	5, 837	673	16, 981	5, 669	120, 291	7, 444	18, 892
New Bedford:											
1944.....	74, 936	8, 211	22, 466	2, 174	223	(1)	135	6, 196	7	27, 580	7, 944
1945.....	101, 363	10, 768	34, 427	5, 913	1, 131	2	101	12, 076	15	28, 799	8, 131
1946.....	90, 324	11, 568	33, 020	323	1, 394	2	8	2, 252	195	31, 364	10, 198
1947.....	73, 115	3, 914	15, 389	2, 520	123	1	355	4, 456	498	34, 499	11, 360
1948.....	77, 572	6, 330	11, 410	4, 345	380	3	60	1, 683	350	40, 958	12, 053
1949.....	105, 094	4, 080	9, 923	39, 823	200	3	24	342	80	33, 918	17, 301
1950.....	116, 911	5, 110	11, 514	97	207	6	85	258	474	29, 412	69, 748
Provincetown and Cape Cod:											
1945.....	43, 418	3, 615	4, 420	537	685	85	19, 243	4, 262	53	5, 905	4, 613
1946.....	40, 970	3, 765	5, 558	477	1, 249	56	14, 520	4, 868	764	5, 512	4, 201
1947.....	34, 566	3, 006	3, 251	536	534	52	14, 422	2, 580	216	5, 183	4, 786
1948.....	44, 455	2, 767	2, 340	362	457	72	16, 766	8, 897	517	4, 313	7, 964
1949.....	35, 761	2, 645	2, 091	82	174	24	13, 054	5, 244	8	4, 299	8, 130
1950.....	37, 760	3, 034	2, 555	359	384	39	11, 618	2, 379	7	5, 912	11, 473
New York City:											
1944.....	19, 143	1, 505	7, 467	173	94	-----	226	365	-----	3, 567	5, 746
1945.....	16, 596	1, 006	7, 788	232	142	-----	227	91	-----	3, 517	3, 593
1946.....	18, 015	1, 486	7, 530	109	149	(1)	98	375	-----	3, 270	4, 998
1947.....	10, 778	740	4, 111	109	58	-----	31	210	-----	2, 388	3, 133
1948.....	13, 998	802	1, 773	77	81	-----	-----	58	-----	3, 042	8, 165
Value (thousands of dollars)											
Boston:											
1944.....	10, 685. 4	2, 983. 9	5, 634. 5	112. 7	381. 1	56. 6	215. 4	799. 7	84. 0	296. 6	120. 9
1945.....	13, 789. 6	5, 198. 8	5, 224. 7	81. 0	622. 6	19. 0	449. 4	1, 563. 5	55. 4	430. 3	144. 9
1946.....	13, 725. 3	2, 785. 4	7, 392. 9	156. 6	564. 2	25. 3	304. 5	1, 108. 6	237. 7	667. 5	482. 5
1947.....	14, 973. 4	2, 344. 9	8, 547. 6	223. 5	368. 9	33. 4	434. 7	783. 7	478. 3	1, 035. 8	722. 6
1948.....	16, 182. 5	2, 680. 7	9, 765. 8	246. 6	794. 1	62. 5	501. 8	256. 8	497. 6	907. 3	469. 3
1949.....	12, 187	2, 013	7, 233	216	472	57	527	81	498	739	351
1950.....	13, 557	1, 787	9, 180	191	451	62	199	107	326	924	330
Gloucester:											
1944.....	9, 260. 5	1, 362. 6	1, 215. 1	256. 4	507. 8	41. 0	388. 7	1, 483. 3	3, 560. 8	279. 1	165. 7
1945.....	11, 183. 9	1, 813. 3	1, 744. 5	401. 8	832. 8	46. 5	742. 5	925. 2	3, 956. 8	311. 5	409. 0
1946.....	10, 822. 3	1, 146. 8	1, 260. 8	200. 2	714. 2	46. 1	374. 5	753. 7	5, 839. 6	251. 1	235. 4
1947.....	7, 636. 0	433. 9	881. 0	93. 4	205. 3	17. 7	371. 8	1, 121. 3	4, 199. 7	114. 4	197. 5
1948.....	11, 234. 9	454. 9	805. 7	138. 9	329. 6	33. 8	577. 1	1, 038. 6	7, 405. 7	184. 4	266. 2
1949.....	10, 456	391	547	113	155	24	718	362	7, 304	447	395
1950.....	9, 061	368	792	181	184	21	557	438	5, 692	539	339
New Bedford:											
1944.....	6, 281. 1	576. 7	1, 682. 4	53. 2	11. 3	(1)	4. 9	313. 1	(1)	2, 026. 4	1, 613. 1
1945.....	8, 600. 8	775. 5	2, 654. 6	122. 3	72. 1	(1)	3. 7	1, 032. 8	8. 6	2, 302. 0	1, 637. 2
1946.....	12, 241. 4	930. 4	2, 951. 2	21. 1	84. 1	(1)	(1)	177. 4	6	2, 874. 3	5, 194. 0
1947.....	10, 417. 3	279. 7	1, 155. 3	37. 0	4. 7	(1)	7. 2	198. 7	14. 5	3, 347. 5	5, 372. 8
1948.....	11, 772. 5	459. 0	1, 009. 9	61. 2	15. 0	(1)	9	127. 9	14. 3	4, 605. 3	5, 488. 0
1949.....	9, 671	280	728	343	5	-----	1	20	3	3, 824	4, 467
1950.....	11, 343	369	991	4	8	-----	1	40	17	3, 724	6, 189
Provincetown and Cape Cod:											
1945.....	2, 204. 6	260. 5	320. 1	34. 7	30. 8	5. 0	525. 0	284. 3	2. 1	430. 8	401. 3
1946.....	2, 399. 7	310. 6	462. 0	24. 9	55. 0	2. 3	337. 4	300. 1	32. 5	418. 1	395. 8
1947.....	2, 432. 2	235. 5	251. 9	22. 0	24. 3	1. 4	335. 0	159. 9	7. 9	449. 9	944. 3
1948.....	3, 332. 9	230. 3	213. 4	15. 9	19. 4	2. 3	396. 3	933. 4	17. 6	479. 4	1, 024. 9
1949.....	2, 460	188	170	4	6	-----	328	556	-----	408	800
1950.....	2, 560	230	232	8	14	1	289	194	-----	677	915

¹ Less than 500 pounds or \$500.

Source: Department of Interior, Fish and Wildlife Service; annual bulletins.

No. 829.—CANNED FISHERY PRODUCTS, FISH MEAL, AND FISH OIL—PRODUCTION AND VALUE: 1938 TO 1950

[Includes Alaska]

YEAR	Canned		Scrap and meal		Oil (except vitamin)		Vitamin oil
	1,000 pounds	1,000 dollars	Tons	1,000 dollars	1,000 gallons	1,000 dollars	
1938	645,166	83,446	205,216	7,418	30,445	9,876	2,476
1939	683,279	96,628	226,102	9,094	29,069	8,601	4,472
1940	675,661	94,182	193,244	7,834	18,250	5,632	5,088
1941	880,745	138,684	236,844	13,096	22,016	11,893	14,872
1942	656,907	144,997	171,080	11,626	19,549	12,518	10,372
1943	617,949	141,189	190,403	13,629	22,264	14,971	14,842
1944	658,660	152,914	212,000	15,200	27,324	17,771	13,237
1945	646,355	152,801	200,675	14,405	23,698	16,034	11,202
1946	699,378	227,629	199,621	20,439	19,135	21,223	13,619
1947	754,129	310,679	185,807	22,353	15,900	20,107	11,643
1948	782,208	336,181	199,544	23,087	16,343	18,476	12,508
1949	855,015	295,504	237,180	35,652	16,861	7,520	17,365
1950	965,358	330,363	239,713	29,226	21,432	14,042	3,431

Source: Department of the Interior, Fish and Wildlife Service; annual bulletins.

No. 830.—CANNED FISHERY PRODUCTS—PRODUCTION AND VALUE: 1935 TO 1950

[Includes Alaska. See also *Historical Statistics*, Series F 200-209, for total fishery products, salmon, sardines, and tuna and tuna-like fishes]

YEAR	Total	Salmon	SARDINES		Tuna and tuna-like fishes	Mack-erel	Shrimp	Clam products	Oysters	Other
			Maine	Calif.						
Quantity (thousands of pounds)										
1935	643,850	289,339	33,614	108,902	55,691	81,550	18,230	16,674	7,513	32,337
1936	765,536	430,328	37,471	117,744	59,606	55,658	15,366	19,123	7,931	22,409
1937	712,532	362,642	34,109	126,560	69,522	37,837	21,523	19,577	10,634	30,128
1938	645,156	349,427	13,634	101,776	60,945	43,453	18,113	19,312	7,237	31,259
1939	683,279	287,621	44,872	139,864	79,695	40,023	20,651	24,515	9,080	36,958
1940	675,661	269,040	22,690	132,565	91,144	63,985	16,744	24,267	9,668	45,568
1941	880,745	375,918	64,245	225,322	61,563	42,075	13,273	25,271	9,199	63,879
1942	656,907	280,080	58,327	168,508	52,500	32,454	14,450	21,331	7,326	21,931
1943	617,949	273,802	50,854	150,961	56,563	42,176	9,907	12,197	4,842	16,647
1944	658,660	246,655	66,218	164,261	70,185	55,128	8,425	13,661	3,830	30,267
1945	646,355	235,596	55,322	169,469	88,978	31,174	3,225	21,502	3,164	37,925
1946	699,378	216,488	66,510	133,973	93,888	43,297	7,832	40,493	5,472	91,425
1947	754,129	270,787	61,182	74,867	117,469	78,973	7,085	36,136	5,747	102,383
1948	782,208	231,698	74,753	119,437	139,682	57,654	8,383	32,795	4,999	112,907
1949	855,015	265,196	62,413	169,670	141,701	47,247	9,971	31,112	6,341	121,464
1950	965,358	205,174	78,036	288,186	174,794	65,567	11,798	38,864	6,893	90,046
Value (thousands of dollars)										
1935	74,999	32,475	5,143	6,237	12,824	4,976	4,722	2,681	2,045	3,896
1936	94,564	50,061	5,740	7,302	14,715	3,543	4,672	2,976	2,181	3,374
1937	105,175	52,934	4,998	8,592	18,996	2,674	7,131	3,013	2,933	3,904
1938	83,446	42,366	2,367	7,102	15,184	2,896	4,872	3,190	1,886	3,583
1939	96,628	41,781	7,075	9,554	20,080	2,589	5,398	3,798	2,379	3,974
1940	94,182	38,050	3,736	8,975	23,728	4,101	4,318	3,778	2,527	4,969
1941	138,684	67,417	12,591	18,092	19,398	3,504	4,883	3,711	2,997	6,091
1942	144,997	61,974	12,162	15,510	30,742	3,693	7,347	3,791	3,599	6,179
1943	141,189	62,935	11,105	14,352	31,430	5,271	5,361	2,802	2,822	5,111
1944	152,914	56,938	14,820	15,226	40,836	7,034	4,855	3,821	2,283	7,056
1945	152,801	52,586	12,077	15,346	47,407	4,047	1,919	7,391	2,030	9,998
1946	227,629	70,161	20,276	19,866	59,136	7,575	8,420	11,145	5,249	25,762
1947	310,679	120,635	28,311	16,538	90,609	15,019	8,192	8,642	4,259	18,474
1948	336,181	120,537	29,359	21,893	112,612	9,851	7,791	8,330	4,778	21,030
1949	295,504	103,431	21,052	21,335	97,710	6,849	11,203	8,779	6,525	18,620
1950	330,363	108,590	21,209	26,345	112,830	7,492	12,776	10,840	7,096	23,185

Source: Department of the Interior, Fish and Wildlife Service; annual bulletins.

**No. 831.—FRESH AND FROZEN PACKAGED FISH—PRODUCTION, BY PRINCIPAL SPECIES:
1934 TO 1950**

YEAR	Total	Cod	Flounders	Haddock	Ocean perch	Whiting ¹	Other
Quantity (thousands of pounds)							
1934	80,106	15,239	4,648	36,666	² 550	-----	23,003
1935	107,494	17,747	6,166	46,484	4,320	-----	32,777
1936	113,356	17,896	5,850	41,187	15,521	-----	32,902
1937	116,992	22,507	7,870	40,241	15,509	-----	30,865
1938	129,876	21,189	8,115	41,453	19,152	7,603	32,464
1939	131,316	19,442	8,174	38,199	24,103	13,530	27,868
1940	129,420	14,805	11,245	37,140	23,014	13,256	29,960
1941	182,951	16,921	20,455	46,912	41,817	24,019	32,827
1942 ³	173,362	13,010	24,869	41,882	37,680	24,583	31,338
1943 ³	158,639	13,714	24,517	32,219	31,012	22,315	34,862
1944 ³	172,294	22,083	18,073	38,403	34,531	18,510	40,694
1945 ³	204,927	28,864	19,961	44,197	35,456	20,959	46,490
1946 ³	188,572	18,132	21,900	42,441	49,507	22,129	34,463
1947	183,800	14,032	20,664	43,205	46,976	28,042	30,881
1948	189,297	13,879	23,466	42,219	67,696	5,122	36,915
1949	194,011	13,652	28,924	42,140	73,193	4,200	31,902
1950	191,524	12,990	28,331	51,192	63,128	2,537	33,346
Value (thousands of dollars)							
1934	9,001	1,677	722	3,801	² 55	-----	2,746
1935	11,202	1,751	973	4,427	440	-----	3,611
1936	12,147	1,895	906	4,266	1,514	-----	3,566
1937	12,861	2,262	1,237	4,162	1,495	-----	3,655
1938	12,315	2,025	1,263	3,428	1,568	362	3,679
1939	13,030	1,927	1,123	3,754	2,394	668	3,164
1940	14,345	1,793	1,542	4,521	2,272	561	3,656
1941	23,930	2,451	3,171	6,848	4,808	1,484	5,108
1942 ³	33,991	2,793	5,867	9,662	6,907	2,240	6,522
1943 ³	37,589	3,516	7,299	9,091	6,952	2,194	8,537
1944 ³	40,820	5,461	5,423	10,597	7,745	1,955	9,639
1945 ³	48,371	7,452	6,086	12,349	7,673	3,098	11,713
1946 ³	46,302	4,747	6,877	12,987	11,710	2,168	7,813
1947	44,272	3,458	7,027	12,094	10,912	2,662	8,119
1948	47,642	3,490	8,102	11,853	14,408	784	9,005
1949	48,339	3,232	9,096	11,845	15,335	686	8,145
1950	53,482	3,101	9,916	14,275	15,126	399	10,665

¹ Data incomplete for years prior to 1938.² Estimated.³ Excludes California production. In 1941, yield of packaged fish in California totaled 5,384,000 pounds, valued at \$1,032,000 of which 1,380,000 pounds were flounders, valued at \$226,000.

Source: Department of the Interior, Fish and Wildlife Service; annual bulletins.

No. 832.—FROZEN FISHERY PRODUCTS—PRODUCTION: 1942 TO 1951

[In thousands of pounds. Includes Alaska. 1942 data for month ending on 15th, thereafter for calendar month.
For cold storage holdings, see table 791. See also *Historical Statistics*, series F 199, for annual figures]

MONTH	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951
Total	247,165	246,053	266,537	286,001	280,065	246,625	291,988	285,822	287,190	325,504
January	8,740	6,740	9,021	4,925	6,228	4,394	6,384	7,435	7,302	10,651
February	6,559	6,792	8,813	4,191	6,231	3,439	7,927	6,914	9,318	10,292
March	7,018	9,150	11,262	6,890	11,077	8,225	14,365	11,873	13,207	12,721
April	10,376	9,958	17,375	12,962	12,504	11,711	15,227	16,484	14,249	20,199
May	22,669	22,220	32,640	27,630	34,375	25,188	38,088	37,775	33,846	43,289
June	25,459	36,025	34,849	39,392	38,203	30,039	40,920	38,010	39,310	44,809
July	34,038	34,438	40,573	42,856	43,269	33,280	40,351	34,469	35,727	42,220
August	35,634	34,766	32,602	45,623	37,940	39,809	34,598	40,046	37,289	42,217
September	28,564	26,913	28,004	33,257	27,372	27,730	29,112	33,095	30,527	30,393
October	26,281	18,806	23,733	27,472	29,983	29,625	27,113	24,308	29,493	30,666
November	22,701	24,948	18,104	26,212	20,368	16,848	22,379	21,336	22,230	23,604
December	19,126	15,297	9,561	14,591	12,575	16,337	15,624	13,177	14,692	14,443

Source: Department of the Interior, Fish and Wildlife Service; current and annual bulletins.

No. 833.—FISHERY PRODUCTS—IMPORTS AND EXPORTS: 1939 to 1950

YEAR	IMPORTS				EXPORTS			
	Total	Edible products		Non-edible	Total	Edible products		Non-edible
	1,000 dollars	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 pounds	1,000 dollars	1,000 dollars
1939	45,999	346,240	32,404	13,595	14,207	124,974	13,581	627
1940	41,830	302,518	29,074	12,767	17,785	144,804	17,115	670
1941	40,981	305,875	28,040	12,941	22,008	215,990	21,479	529
1942	39,568	277,199	28,984	10,584	31,915	167,080	27,876	4,039
1943	67,183	324,476	43,689	23,494	48,534	239,260	43,244	5,200
1944	78,418	339,431	53,431	24,987	35,940	112,230	31,929	4,011
1945	101,254	404,768	76,434	24,820	38,510	135,979	30,856	7,655
1946	129,713	473,539	89,986	39,727	39,969	200,398	38,353	1,616
1947 ¹	109,972	407,636	83,275	26,697	52,836	207,486	49,281	3,556
1948	156,644	472,742	111,660	44,985	24,402	95,085	21,020	3,382
1949	151,610	470,617	113,753	37,857	34,874	146,660	29,212	5,662
1950 ¹	198,296	639,725	158,414	39,882	27,434	121,623	18,856	8,578

¹ Preliminary.

Source: Department of the Interior, Fish and Wildlife Service; compiled from data furnished by Department of Commerce, Bureau of the Census.

No. 834.—FISH PROPAGATION BY FISH AND WILDLIFE SERVICE—OUTPUT OF EGGS, FRY, AND FINGERLINGS, 1895 to 1950, and BY SPECIES, 1950

[All quantities in thousands]

YEAR ENDING JUNE 30—	Total	Eggs	Fry	Fingerlings or larger	Cost per million ¹
1895	619,916	55,408	561,894	2,613	\$292.64
1900	1,164,337	88,682	1,070,757	4,898	250.00
1915	4,288,768	536,260	3,694,282	58,216	131.55
1920	4,770,356	630,749	3,872,218	267,388	130.11
1925	5,301,862	1,050,393	4,114,514	136,954	135.61
1930	7,570,482	2,553,481	4,766,831	250,170	120.50
1935	5,071,725	3,381,794	1,556,246	133,683	117.22
1940	7,407,247	5,826,059	1,498,157	83,031	134.87
1945 (Dec. 31)	5,454,558	3,176,357	2,203,672	74,529	214.15
1947 (Dec. 31)	2,656,094	1,346,401	1,218,249	91,444	594.01
1948	1,763,226	1,029,894	653,636	79,696	845.16
1949	835,571	141,309	586,349	107,913	2,084.80
1950 (Dec. 31)	287,209	55,853	121,739	109,617	8,913.37

GROUP	1950			GROUP	1950		
	Eggs	Fry	Fingerlings or larger		Eggs	Fry	Fingerlings or larger
Catfish (bullheads)			419,025	Northern pike	2,928,000	2,390,180	1,980
Channel catfish		111,730	125,730	Walleyed pike	500,000	13,403,000	28,150
Kokanee		102,000	680,540	Crappie (black)			37,570
Atlantic salmon			417,710	Crappie (white)			28,415
King salmon	7,939,600		43,585,605	Largemouth black bass		1,012,995	9,209,265
Chum salmon	3,412,560	5,899,670		Smallmouth black bass		759,300	351,315
Sebago salmon			51,100	Rock bass			1,150
Silver salmon	72,120		468,185	Warmouth bass			710
Red salmon	167,155		1,490,980	Bluegill sunfish			35,246,265
Steelhead trout			263,370	Green sunfish			14,000
Rainbow trout	8,329,230		7,635,460	Red-eared sunfish			5,265
Cut-throat trout	15,673,540	1,620,480	4,111,105	Yellow perch			16,535
Brown trout	2,762,710		1,560,505	Flounder	80,069,000		
Lake trout			373,885	Lobster	398,000		
Brook trout	13,214,600	325,000	3,433,400	Pollock	14,847,580		
Dolly Varden			59,410				
Grayling	853,845	800,000					

¹ Includes all expenditures chargeable to fish culture and distribution and salaries of all employees in fish-cultural field services and administrative and clerical force.

Source: Department of the Interior, Fish and Wildlife Service; annual bulletins and reports.

28. Mining and Mineral Products

(Sent to print May 23, 1952)

This section summarizes the principal statistics relating to the mineral industries and mineral products. It includes not only crude minerals (such as coal, iron ore), but minerals which have gone through certain stages of preparation (such as refined copper, cement) and minerals such as magnesium whose extraction does not involve mining in the conventional sense. The latter two categories, while part of the mineral-raw-material sector of the economy, include the products of industries which are classified under the Standard Industrial Classification (Bureau of the Budget) as manufacturing. Statistics relating to the manufacture of mineral products are also included in section 30, Manufactures. Additional information relating to the mineral industries and mineral products appear also in other sections of this *Abstract*, such as the sections on labor force, prices, foreign commerce, and others.

The tables in this section are arranged in 4 groups which appear in the following sequence:

1. General summary statistics.
2. Fuels.
3. Nonmetals other than fuels.
4. Metals.

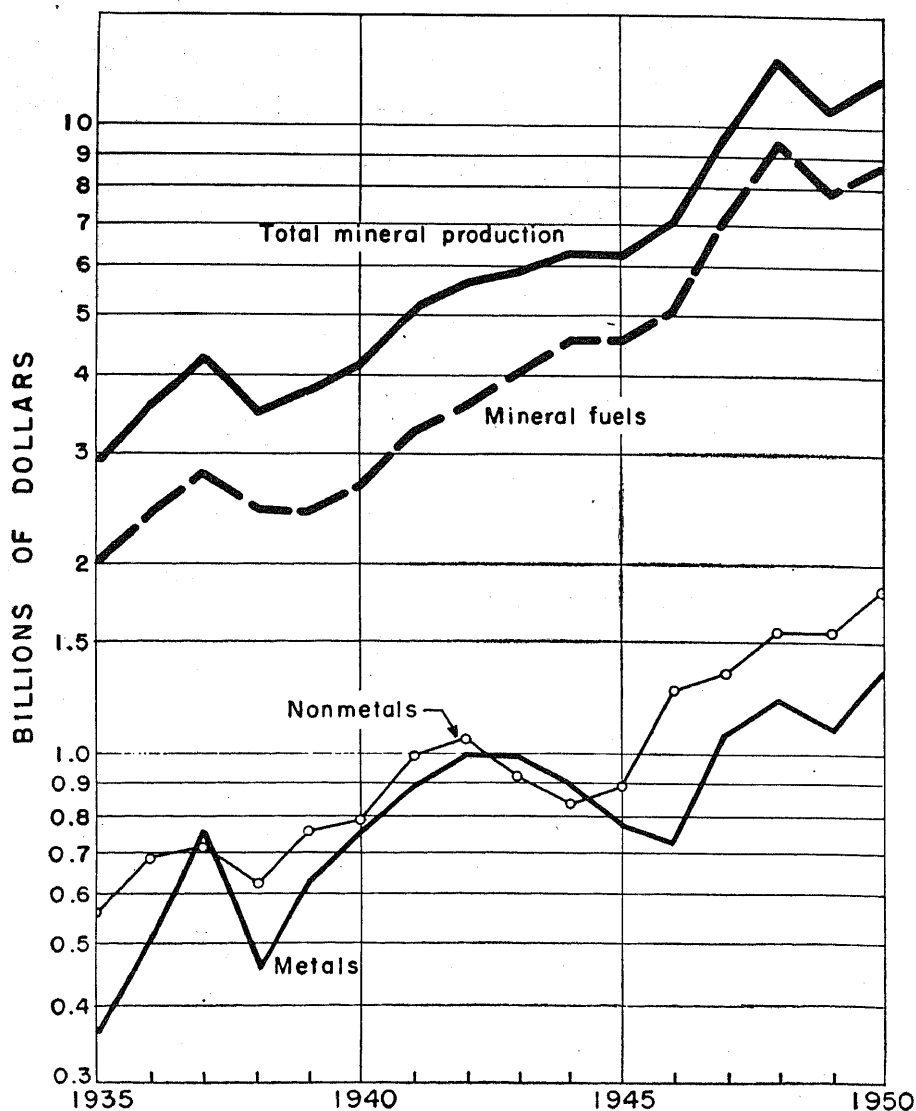
Most of the statistics are from the Bureau of Mines and the Bureau of the Census, with additional material from other Government agencies such as the Bureau of Labor Statistics, Bureau of the Mint, and the Interstate Commerce Commission and from non-Government sources such as the *Engineering and Mining Journal*, and *Metal Statistics*.

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. The principal statistics have been published annually through 1931 in *Mineral Resources of the United States* and thereafter in the *Minerals Yearbook*. 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 separate data on employment and accidents.

Censuses of mineral industries have been taken approximately every 10 years since 1840. The most recent Census taken, however, is for 1939. The statistics are collected and published in the Census volumes in such a manner as to relate the statistics on the production of the various minerals as nearly as possible to data on employment, principal expenses, fuels and power consumed, and other information available only for each establishment as a whole. Each establishment is classified according to its most valuable product. The data are also collected and compiled in a manner to permit integration with other Census statistics such as for manufactures and wholesale and retail trade. Commodity statistics on many of the manufactured mineral products are also collected by the Bureau of the Census at monthly, quarterly, or annual intervals.

FIG. XXVII.—VALUE OF MINERAL PRODUCTION: 1935 TO 1950

[This is a rate-of-change chart. The relation between plotting points represents percentage change or relative change in values rather than differences in amounts. The scale focuses attention on rate of increase and decrease. See table 835]



Source: Department of the Interior, Bureau of Mines.

To avoid misinterpretation, it should be noted that the Census of Mineral Industries statistics in table 844 relate to operations primarily engaged in extracting minerals and in such primary mineral-preparation activities (crushing, screening, washing, flotation, etc.) as are needed to render the minerals marketable. Many of the statistics collected by the Bureau of Mines represent products of operations beyond the limits covered by the Census of Mineral Industries. Value totals based on Bureau of Mines publications, as shown in tables 835 and 836, are not wholly comparable with the Census value totals, as shown in table 844. Census values represent crude or prepared minerals f. o. b. the mine, well, or mineral-preparation plant. Bureau of Mines values for most nonferrous metals are based on the recovered value of contained metal rather than the value of the ores and concentrates as such and for certain nonmetals, such as cement, are based on the form in which the mineral is first generally marketed (even if a manufactured form) rather than on the imputed value of the mineral as first extracted.

Historical statistics.—See preface and historical appendix. Tabular headnotes (as "See also *Historical Statistics*, series G 1-5") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*.

NO. 835.—VALUE OF MINERAL PRODUCTION IN THE UNITED STATES: 1881 TO 1950.

[All figures in millions of dollars. Principal differences between old basis and new basis are as follows: (1) Totals on the new basis represent continental U. S. only; on the old basis, production in Alaska, Hawaii, Philippine Islands (through 1945) and Puerto Rico was included, but no data were collected for other U. S. possessions now shown in table 837; (2) U. S. totals on the new basis are a better representation than formerly of the production of primary minerals from domestic mines (or concentrating mills); on the old basis, totals include secondary products and mineral products made from foreign materials. However, value on new basis still includes some advanced products, like cement, lime, and natural gas liquids; also, mine value of nonferrous metals is based not on ore, but on value after refining of the recoverable metal content. Revised data for years prior to 1947 on new basis are not yet available for publication. However, preliminary data for 1935-46 on the new basis have been incorporated into the chart on p. 686. See also *Historical Statistics*, series G 1-5]

YEARLY AVERAGE OR YEAR	Total	NONMETALLIC			Metal- lic	YEAR	Total	NONMETALLIC			Metal- lic
		Total	Fuels ¹	Other				Total	Fuels ¹	Other	
1881-1885.....	426	232	171	61	194	1936.....	4,557	3,475	2,759	716	1,082
1886-1890.....	541	292	215	78	249	1937.....	5,413	3,945	3,201	745	1,468
1891-1895.....	592	347	248	99	245	1938.....	4,363	3,471	2,820	650	893
1896-1900.....	828	462	307	154	366	1939.....	4,914	3,623	2,834	788	1,292
1901-1905.....	1,392	814	546	267	578	1940.....	5,614	3,935	3,117	819	1,679
1906-1910.....	1,887	1,118	746	372	769	1941.....	6,878	4,746	3,708	1,038	2,132
1911-1915.....	2,220	1,400	967	433	821	1942.....	7,576	5,212	4,103	1,109	2,364
1916-1920.....	5,129	3,331	2,602	729	1,798	1943.....	8,072	5,584	4,608	976	2,488
1921-1925.....	5,151	3,997	2,943	1,054	1,154	1944.....	8,417	6,077	5,178	899	2,340
1926-1930.....	5,556	4,280	3,088	1,192	1,276	1945.....	8,141	6,166	5,212	954	1,975
1931-1935.....	3,032	2,521	1,977	544	511	1946.....	8,896	7,071	5,760	1,311	1,825
1936-1940.....	4,972	3,690	2,946	744	1,283	1947.....	12,484	9,575	7,941	1,634	2,909
1941-1945.....	7,817	5,557	4,562	995	2,260	1948.....	15,766	12,256	10,362	1,894	3,510
1930.....	4,765	3,779	2,765	1,015	986	NEW BASIS ²					
1931.....	3,167	2,597	1,892	704	570	1947.....	9,610	8,526	7,181	1,345	1,084
1932.....	2,462	2,176	1,743	432	286	1948.....	12,273	11,054	9,495	1,559	1,219
1933.....	2,555	2,138	1,683	455	417	1949.....	10,580	9,479	7,912	1,567	1,101
1934.....	3,325	2,776	2,233	543	549	1950 (prel.).....	11,855	10,504	8,681	1,823	1,351
1935.....	3,650	2,917	2,330	587	733						

¹ Coal, natural gas, natural gas liquids, petroleum.

² See headnote.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

No. 836.—MINERAL PRODUCTION IN CONTINENTAL UNITED STATES: 1947 to 1950

[Data represent production as measured by mine shipments or mine sales (including consumption by producers), except that fuels and the following additional minerals are strictly production: Gypsum, iodine, magnesite, pyrites, antimony, bauxite, and mercury. Excludes uranium ores and monazite. See headnote to table 835. See also *Historical Statistics*, series G 1-5, 13-18, and 43-130]

MINERAL	1947		1948		1949		1950 (prel.)	
	Quantity	Value (\$1,000)	Quantity	Value (\$1,000)	Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
Total mineral production		9,610,000		12,273,000		10,580,000		11,855,000
Total mineral fuels		7,181,000		9,495,000		7,912,000		8,681,000
Coal:								
Bituminous ¹	627,389	2,614,561	596,024	2,983,465	434,342	2,126,226	512,529	2,489,229
Lignite.....	2,874	5,519	3,086	7,019	3,092	7,336	3,370	8,112
Pennsylvania anthracite.....	57,190	413,019	57,140	467,042	42,702	353,008	44,077	392,998
Natural gas.....	4,582,173	274,709	5,148,020	333,173	5,419,736	344,034	6,282,060	406,621
Natural-gas liquids:								
Natural gasoline and cycle products.....	87,130	228,174	94,134	361,154	99,217	303,196	109,679	321,832
LP-gases.....	45,043	66,820	52,597	117,823	57,869	99,054	97,773	97,773
Petroleum (crude).....	1,856,987	3,577,880	2,020,185	5,245,080	1,841,940	4,674,770	1,973,574	4,963,380
Total nonmetallic minerals (except fuels)		1,345,000		1,559,000		1,567,000		1,823,000
Abrasive stone:²								
Grindstones and pulpstones.....	10,696	482	7,954	405	4,507	247	4,468	233
Millstones.....	(³)	23	(³)	18	(³)	9	(³)	11
Pebbles (grinding).....	5,860	123	4,026	102	2,374	64	923	53
Tube-mill liners (natural).....	1,496	40	1,297	42	1,168	47	1,523	63
Asbestos:								
do.....	24,635	919	37,092	1,806	43,387	2,614	42,484	2,925
Asphalt and related bitumens(native):								
Bituminous limestone and sandstone.....	1,004,740	3,756	1,084,004	3,695	1,150,091	4,265	1,184,676	3,692
Gilsonite.....	67,165	1,746	52,122	1,391	51,462	1,304	66,186	1,774
Wurtzite.....	17	1						
Barite (crude)	834,082	6,171	799,848	6,693	717,313	5,642	695,414	5,194
Boron minerals:								
do.....	501,935	11,844	450,932	11,148	467,992	11,512	647,735	17,390
Bromine.....	78,178	14,837	75,048	14,825	88,726	16,288	98,502	18,795
Calcium-magnesium chloride, short tons, 75-percent (Ca, Mg) Cl ₂ basis.....	271,206	2,680	309,660	3,907	255,707	3,261	260,891	3,362
Carbon dioxide, natural (estimated).....	581,000	412	545,000	397	489,000	3,376	472,334	3,369
Cement:								
do.....	188,516	356,639	205,239	446,465	207,142	475,074	228,788	537,652
Clays (including fuller's earth)⁴:								
do.....	28,192	71,250	31,304	80,997	27,417	74,610	32,301	89,676
Emerald:								
do.....	5,798	67	5,405	69	4,903	61	5,300	73
Feldspar (crude)	459,910	2,411	460,713	2,564	369,378	2,273	407,925	2,558
Fluorspar:								
do.....	329,484	10,955	331,749	11,297	236,704	8,267	301,310	10,620
Garnet (abrasive)								
do.....	8,722	614	8,089	588	9,378	565	9,304	794
Gem stones (estimated)	(⁵)	540	(⁵)	460	(⁵)	450	(⁵)	420
Graphite:								
do.....	5,207	221	9,871	431	5,213	475	5,605	498
Gypsum (crude)	6,298,216	16,530	7,224,335	19,113	6,603,118	18,319	8,192,625	22,773
Helium (shipments, calendar years)	62,322	501	50,913	10,110	51,501	689	80,889	1,028
Kyanite:								
do.....	(⁶)	14,552	(⁶)	527	12,115	403	(⁶)	(⁶)
Lime (open-market)	6,739,949	63,363	7,245,211	74,677	6,302,551	68,908	7,462,109	82,847
Lithium minerals:								
do.....	2,441	151	3,881	211	4,838	346	9,306	580

Magnesite (crude)	375,998	2,597	(^c)	287,315	1,950	429,392	3,091
Magnesium compounds from sea water and brines (except for metal)	89,500	5,840	6,918	63,000	5,033	89,300	7,283
do. short tons.	176,187	235	114,759	166,800	232	347,843	246
do. do.	8,337	433	7,269	393	277	3,935	304
Marl:							
Calcareous (except for cement)	49,797	1,096	52,157	32,856	796	69,308	1,743
do. do.	415,589	116	270,042	513,994	132	578,818	1,126
do. pounds.	10,838	129	4,766	86	57	37,577	1,433
Olivine	136,232	869	129,881	930	1,020	130,723	1,143
do. short tons.	10,495	58	22,112	134	511	101,526	59,028
do. do.	9,027	46,639	8,669	50,502	51,415	1,284	39,695
Phosphate rock	1,033,266	34,716	1,143,339	35,999	35,106	1,275,404	2,961
Potassium salts	442,552	2,022	607,646	716,743	2,369	719,355	4,069
Pumice and pumicite	940,662	4,070	928,531	888,388	3,904	931,163	5,707
Pyrites	101,317	425	161,881	751	475	101,508	7,777
Quartz from pegmatites and quartzite	16,041	52,090	16,388	54,220	53,549	16,616	59,774
Salt (common)	283,189	212,568	318,070	315,895	245,661	367,304	292,559
Sand and gravel	644,508	5,154	692,773	610,789	258	750,673	6,463
Slate	876,010	11,886	799,400	12,881	12,164	930,370	17,547
Sodium carbonate (natural)	293,051	5,862	288,769	6,623	6,4	331,075	2,547
Sodium sulfate (natural)	257,294	3,329	265,862	4,249	2,734	186,537	2,196
Stone ?	205,242	286,792	224,475	186,223	339,442	205,844	387,911
Sulfur	4,303	65	1,700	5,392	102	3,247	60
Ore for direct agricultural use	4,828,103	85,200	4,978,912	89,600	86,208	5,504,714	104,000
Refined	516,084	7,482	518,746	461,896	7,523	620,750	10,621
Talc, pyrophyllite, and ground soapstone	2,284	46	200	(^c)	(^c)		
Tripoli	34,578	751	26,845	25,525	691	43,730	1,174
Vermiculite	131,385	1,339	138,635	1,387	1,086	208,086	2,122
Other nonmetallic minerals *	80	7,305	75	500	7	800	16
Total metals	1,084,000	1,219,000	1,101,000	8,105	9,824	1,351,000	9,824
Antimony ore and concentrate	19,980	3,256	16,171	4,349	1,134	6,888	1,443
Bauxite	1,202,055	6,885	1,457,148	8,697	6,778	1,344,527	7,693
Beryllium concentrate	143	25	99	346	111	559	171
Chromite	948	(^c)	3,619	(^c)	12	(^c)	(^c)
Cobalt (content of ore)	676,612	(^c)	880,703	433	(^c)	404	(^c)
Columbium (niobium) concentrate			100	682,773		660,025	(^c)
Copper (recoverable content of ores, etc.)	847,551	353,971	834,797	362,302	296,582	909,337	378,284
Gold (recoverable content of ores, etc.)	1,828,167	64,022	1,765,862	61,805	61,683	2,104,959	73,674
Iron ore, usable (excluding byproduct iron sinter)	92,670	317,629	100,275	391,230	377,637	97,151	483,358
Lead (recoverable content of ores, etc.)	383,937	110,860	390,147	439,857	129,515	430,678	116,283
Manganese ore (35 percent or more Mn)	131,927	4,301	131,101	20,535	5,179	134,451	6,230
Manganese ore (5 to 35 percent Mn)	1,174,355	3,447	1,340,565	1,380	4,040	1,057,597	4,609
Manganoferous residuum	227,547	(^c)	291,383	(^c)	(^c)	183,842	(^c)

See footnotes at end of table.

No. 836.—MINERAL PRODUCTION IN CONTINENTAL UNITED STATES: 1947 to 1950—Continued

MINERAL	1947		1948		1949		1950 (prel.)	
	Quantity	Value (\$1,000)	Quantity	Value (\$1,000)	Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
Metals—Continued								
Mercury (content of ore).....	23,117	1,936	14,288	1,063	9,930	781	4,535	368
Molybdenum (content of ore and concentrate).....	22,190	15,178	29,669	20,418	23,280	19,332	44,544	37,729
Platinum-group metals (crude).....	324	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)
Silver (recoverable content of ores, etc.).....	35,737	32,360	38,029	34,418	34,639	31,350	42,406	38,330
Tantalum concentrate.....	3,239	9	500	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)
Tin (content of ore and concentrate).....	.....	.....	.....	.....	.....	.....	.....	.....
Thorium concentrate:								
Ilmenite.....	.....	.....	.....	.....	.....	.....	.....	.....
Rutile.....	336,061	5,029	381,508	5,794	389,234	6,212	468,320	5,607
Tungsten concentrate.....	5,157	634	9,907	647	10,559	490	(⁹)	(⁹)
Vanadium (content of ore and concentrate).....	3,081	4,356	4,033	6,355	2,765	4,377	3,807	8,157
Zinc (recoverable content of ores, etc.).....	2,117,962	1,285	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)
Other metals ¹¹	637,583	153,112	629,955	167,974	593,201	148,913	623,369	178,667
		3,576		10,466		6,671		10,217

¹ Includes small quantity of anthracite mined in States other than Pennsylvania.

² Excludes sharpening stones, included with "Other nonmetallic minerals."

³ Weight not recorded.

⁴ Excludes clays sold or used for cement as follows: 1947, 5,335,000 short tons, \$2,987,000; 1948, 6,362,000 tons, \$4,320,000; 1949, 6,676,000 tons, \$4,573,000; 1950, 7,080,000 tons, \$5,574,000.

⁵ Value included with "Other nonmetallic minerals."

⁶ Excludes production from Wyoming, value for which is included with "Other non-metallic minerals."

⁷ Excludes abrasive stone, bituminous limestone, bituminous sandstone, and ground soapstone, all included elsewhere in table. Also excludes limestone for cement and lime.

⁸ Comprises andalusite (1947-49), apatite, brucite, diatomite, dumortierite (1949), epsom salts from serpentine (1947) and esomite (1949-50), iodine, quartz crystal (1950), sharpening stones, sodium carbonate (Wyoming 1948-49), and minerals indicated by footnote 5.

⁹ Value included with "Other metals."

¹⁰ Less than 0.5 ton.

¹¹ Comprises magnesium chloride for magnesium metal, zirconium concentrates, and minerals indicated by footnote 9.

Source: Department of the Interior, Bureau of Mines, *Minerals Yearbook*.

No. 837.—MINERAL PRODUCTION IN TERRITORIES, POSSESSIONS, ETC., OF THE UNITED STATES: 1947 TO 1950

MINERAL	1947		1948		1949		1950 (prel.)	
	Quantity	Value (\$1,000)	Quantity	Value (\$1,000)	Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
Territories, total		20,193		15,195		16,537		19,627
Alaska, total		13,488		13,024		15,549		17,852
Antimony ore and concentrate	40	16	68	29	74	31		
Coal	361	2,555	408	2,789	434	3,309	412	3,083
Copper (recoverable content of ores, etc.)	12	5	16	4	2	6		
Gold (recoverable content of ores, etc.)	279,988	9,800	248,395	8,694	229,416	8,030	289,273	10,125
Lead (recoverable content of ores, etc.)	264	76	329	118	51	16	149	40
Mercury (content of ore)	127	11	100	8	100	8		
Platinum-group metals (crude)	13,512	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Sand and gravel	(¹)	60	(¹)	61	36	(¹)	3,050	2,377
Silver (recoverable content of ores, etc.)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	53	48
Stone	(¹)	(¹)	41	54	(¹)	(¹)	(¹)	(¹)
Tin (content of ore and concentrate)	66	2	5	(¹)	51	115	79	170
Tungsten concentrate	(¹)	(¹)	22	6	2	(²)	6	2
Zinc (recoverable content of ores, etc.)	13	6						
Other minerals: Clay (1948), gem stones (1947), pumice (1948), sand and gravel (1947-49), and minerals indicated by footnote 1.	25							
Hawaii, total		5,957		1,258		4,005		2,055
Lime (open market)	9,130	1,705	8,767	2,171	8,404	988		1,775
Stone	786	1,471	838	1,917	654	718	8,141	220
Other minerals (nonmetallic)		6		17		43	696	1,555
Possessions, total		8,171		10,798		12,551		12,356
Guam: Stone ¹	1,142	2,285	1,537	3,073	2,605	5,209	1,528	3,055
Puerto Rico, total		5,874		7,651		7,356		9,237
Limestone	1,904	5,359	2,440	6,947	2,171	6,109	3,187	8,286
Lime (open market)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	8,166	181
Salt (common)	13	101	15	112	13	77	14	137
Sand and gravel	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	104	104
Other minerals: Other nonmetallic minerals and minerals indicated by footnote 1.	104	195	7,189	3,312	1,620	1,827	1,200	7,575
Virgin Islands: ¹ Stone (crushed) ²	(¹)	239		280		139		1
		12	9	14	10	16	3	4
Other areas:								
Canal Zone, total		220		350		222		98
Sand and gravel ³	45	5	55	82	39	58	22	15
Stone (crushed) ³	102	152	179	268	109	164	53	83
Trust Territories of the Pacific Islands (Anguar Island): Phosphate rock exports	106	426	76	380	155	747	185	672

¹ Value included with "Other minerals."
² Quantities are estimated short-ton equivalents of cubic yards reported.
³ Distribution of quantities by years estimated for 1947-49 from reported totals and a partial breakdown.
⁴ Estimate.

⁵ Data are for years ending June 30.
⁶ Excludes certain stone included with "Other minerals."
⁷ St. Croix Island only. Data for St. Thomas Island not available.
⁸ Not available.
⁹ Confictual.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

No. 838.—MINERAL PRODUCTION—VALUE, BY STATES AND FOR ALASKA: 1944 TO 1950

[For 1944-46, sum of State totals in table below does not agree with total for United States given in table 835 chiefly because (1) figures for certain products included in United States total are not available by States of origin; (2) use of iron ore values in State totals and pig iron values in United States total; (3) use of mine figures for gold, silver, copper, lead, and zinc in State totals and mint and smelter figures in United States total; (4) inclusion of estimates in United States total for a few products for which no canvass has been conducted for many years and for which no estimate by States is made; and (5) use of natural gas values at wells in State totals and values at point of consumption in United States total. For 1947-50, data on new basis; see headnote, table 835]

[In thousands of dollars]

DIVISION AND STATE	1944	1945	1946	1947	1948	1949	1950 (prel.)
Continental United States	6,372,000	6,251,000	7,067,000	9,610,000	12,273,000	10,580,000	11,855,000
New England	21,357	21,028	33,826	36,979	43,941	43,775	50,849
Maine	2,150	2,521	4,389	5,784	8,094	6,742	7,461
New Hampshire	1,104	802	1,451	1,254	1,331	1,384	1,711
Vermont	7,672	8,249	12,096	14,717	15,999	17,384	18,563
Massachusetts	5,263	5,450	9,745	10,576	12,583	12,449	16,014
Rhode Island	612	508	561	785	1,450	929	1,425
Connecticut	4,496	3,498	5,584	3,863	4,484	4,887	5,675
Middle Atlantic	1,080,322	1,033,177	1,211,093	1,409,583	1,574,971	1,213,047	1,389,132
New York	84,286	88,678	103,571	122,333	143,623	138,493	156,529
New Jersey	33,828	31,267	33,518	38,433	44,388	38,584	46,391
Pennsylvania	962,208	913,232	1,074,004	1,248,817	1,386,960	1,035,970	1,186,212
East North Central	756,807	748,754	849,369	1,004,811	1,207,797	1,070,137	1,200,903
Ohio	174,582	179,682	221,356	244,444	284,816	242,080	274,572
Indiana	89,760	88,802	107,479	133,862	161,950	141,025	166,932
Illinois	329,147	330,184	358,628	425,380	521,038	449,894	488,144
Michigan	140,520	127,869	133,310	166,634	202,885	201,260	229,862
Wisconsin	22,798	22,217	28,596	34,491	37,108	35,878	41,693
West North Central	451,255	449,742	505,395	654,938	813,844	789,096	911,497
Minnesota	170,488	167,138	155,734	218,374	267,248	257,540	331,567
Iowa	22,452	25,008	35,957	31,023	35,955	37,458	41,773
Missouri	72,890	74,347	88,357	103,928	108,291	111,293	113,191
North Dakota	4,334	4,505	5,118	6,258	8,478	8,818	9,614
South Dakota	5,471	7,137	18,389	23,590	24,327	26,723	32,716
Nebraska	5,060	4,963	7,277	6,704	8,385	10,102	14,022
Kansas	170,560	166,644	194,563	265,061	361,160	337,162	368,614
South Atlantic	717,651	699,591	793,099	1,113,489	1,298,077	974,693	1,140,348
Delaware	182	131	491	340	403	335	522
Maryland	15,264	15,329	21,991	23,291	25,002	20,461	22,725
District of Columbia	111	229	710	61	64	63	60
Virginia	86,951	81,965	90,823	130,296	143,333	116,408	137,806
West Virginia	547,851	537,212	588,925	857,670	1,012,402	718,119	829,624
North Carolina	22,199	14,766	20,428	16,386	18,231	19,755	26,343
South Carolina	4,192	5,043	8,189	7,589	8,885	9,026	11,394
Georgia	19,005	19,988	30,449	32,009	36,103	35,508	44,157
Florida	21,890	24,928	31,093	45,847	53,654	55,018	67,717
East South Central	442,553	441,321	497,290	731,961	900,793	697,178	811,570
Kentucky	250,735	250,919	272,558	426,101	504,080	372,220	459,956
Tennessee	63,994	58,672	68,031	79,941	93,599	77,333	89,694
Alabama	109,149	110,360	123,029	158,275	183,797	143,905	158,975
Mississippi	18,675	21,370	33,672	67,044	119,317	103,711	102,945
West South Central	1,641,401	1,674,581	1,916,152	2,795,657	4,063,416	3,605,393	4,013,294
Arkansas	64,079	58,257	65,985	90,857	122,089	109,523	118,642
Louisiana	217,733	222,413	273,882	404,779	604,198	631,813	693,607
Oklahoma	225,853	243,314	263,282	354,387	506,846	484,264	527,095
Texas	1,133,756	1,150,597	1,313,031	1,945,634	2,830,283	2,379,793	2,673,950
Mountain	708,662	627,109	623,860	964,981	1,151,258	1,048,334	1,211,095
Montana	82,290	68,829	62,114	87,735	103,841	95,070	103,389
Idaho	51,321	44,348	44,444	66,822	79,128	64,292	79,077
Wyoming	68,034	74,620	78,745	117,395	172,004	150,998	177,577
Colorado	79,137	77,236	77,573	102,448	128,861	139,858	154,897
New Mexico	112,180	104,234	111,938	157,548	220,080	198,825	210,294
Arizona	115,592	98,574	118,086	186,092	200,382	181,094	207,406
Utah	148,308	127,961	95,506	206,015	204,459	177,825	229,956
Nevada	51,800	31,807	35,464	40,926	42,503	37,372	48,499
Pacific	552,356	555,978	637,130	897,329	1,219,261	1,138,320	1,126,643
Washington	36,483	31,301	33,029	38,051	48,928	40,863	49,054
Oregon	9,657	9,463	11,807	15,865	23,923	21,845	21,542
California	506,216	515,214	592,294	843,413	1,146,410	1,075,612	1,056,047
Alaska	6,903	10,174	12,426	18,488	13,024	15,549	17,852

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

No. 839.—MINERAL POSITION OF THE UNITED STATES—ESTIMATED COMMERCIAL RESERVES, 1944, AND RELATIVE SELF-SUFFICIENCY, 1935 TO 1949

[There is no standardized concept of reserves. For an explanation and discussion of the reserves estimates shown here, see source. Commercial reserves are broadly defined here as material available under the economic and technologic conditions prevailing in 1944. The term, commercial, has been used broadly and should not be interpreted as implying that the reserve is commercially available in the usual sense. Reserves estimates are restricted to deposits in known mineralized areas as appraised on the basis of current information.]

MINERAL	RATIO OF 1944 RESERVES TO ANNUAL DOMESTIC PRODUCTION AND CONSUMPTION ¹		SELF-SUFFICIENCY: RATIO OF DOMESTIC PRODUCTION TO DOMESTIC CONSUMPTION ² (PERCENT)			
	Years of domestic production	Years of domestic consumption	1935-39	1940-44	1948	1949
Antimony ³	18	3	12	15	39	24
Arsenic ³	120	55	39	51	-----	-----
Asbestos (long fiber).....	(⁴)	(⁴)	5	3	-----	8
Bauxite.....	30	23	58	83	53	43
Bismuth ³	56	36	66	65	-----	-----
Cadmium ³	18	11	65	60	-----	-----
Chromite.....	10	-----	1	8	(⁵)	(⁵)
Coal:						
Anthracite.....	179	187	102	107	114	113
Bituminous coal and lignite.....	4,235	4,386	103	104	112	98
Cobalt ³	674	53	-----	11	11	11
Copper.....	25	19	107	67	69	70
Diamonds (industrial).....	(⁴)	(⁴)	-----	-----	-----	-----
Fluorspar.....	34	33	94	102	82	69
Gold.....	19	19	(⁶)	(⁶)	-----	-----
Graphite (flake).....	(⁴)	(⁴)	6	54	48	37
Helium.....	232	235	110	100	-----	-----
Iron ore.....	78	76	94	98	101	95
Lead.....	15	10	90	60	60	69
Magnesium.....	(⁷)	(⁷)	160	117	-----	97
Manganese.....	46	4	6	12	9	9
Mercury.....	3	2	67	102	31	25
Mica (strategic).....	(⁴)	(⁴)	23	19	-----	-----
Molybdenum.....	99	157	294	127	106	113
Natural gas.....	⁸ 55	⁸ 55	100	100	-----	-----
Nickel ³	(⁴)	(⁴)	2	1	1	1
Nitrates.....	(⁷)	(⁷)	79	109	-----	-----
Petroleum.....	⁸ 14	⁸ 15	109	104	96	94
Phosphate rock.....	470	600	151	114	122	115
Platinum metals.....	18	3	32	13	5	12
Potash.....	113	99	64	105	103	104
Quartz crystal.....	(⁴)	(⁴)	-----	1	-----	-----
Salt.....	(⁷)	(⁷)	101	101	-----	-----
Silver ³	13	13	(⁶)	(⁶)	-----	-----
Sulfur.....	33	39	128	115	131	139
Tantalum ³	52	-----	28	2	(⁵)	(⁵)
Tin.....	(⁴)	(⁴)	-----	-----	-----	-----
Titanium:						
Rutile.....	283	124	81	36	-----	-----
Ilmenite.....	248	73	9	43	-----	-----
Tungsten.....	5	2	32	50	45	58
Vanadium.....	13	8	56	65	-----	-----
Zinc.....	24	20	94	82	68	74

¹ Based on 1935-44 averages. Figures indicate only order of magnitude of estimated reserves. They do not imply that production at rates indicated could be maintained for the full period shown. Estimates do not include allowance for future discoveries.

² It should be noted that United States imports certain minerals of which it has over 100 percent self-sufficiency. This is due to economic and geographic reasons which are given in detail in the U. S. Bureau of Mines, *Minerals Yearbook*, 1941-45.

³ Obtained chiefly as byproducts. Output dependent on rate of production of associated metals.

⁴ Reserves of these minerals negligible; quantitative comparisons are not significant.

⁵ Less than 0.5 percent.

⁶ Not available.

⁷ Unlimited.

⁸ "Proved" reserves only; do not include indicated or inferred reserves.

Source: 1935-44, Senate Document No. 63, 80th Cong., 1st Sess., *Mineral Position of the United States*; 1948-49, Department of the Interior, Bureau of Mines, *Minerals Yearbook*.

No 840.—MINERAL PRODUCTION—INDEXES OF PHYSICAL VOLUME: 1925 TO 1951

[1935-39 average=100. See also *Historical Statistics*, series G 6-8]

Year	Total	Fuels	Metals	Year	Total	Fuels	Metals	Year	Total	Fuels	Metals
1925.....	92	87	121	1934.....	80	83	58	1943.....	132	132	125
1926.....	100	95	126	1935.....	86	89	73	1944.....	140	145	113
1927.....	100	97	116	1936.....	99	99	102	1945.....	137	143	101
1928.....	99	95	120	1937.....	112	109	127	1946.....	134	142	88
1929.....	107	103	134	1938.....	97	99	86	1947.....	149	155	118
1930.....	93	91	102	1939.....	106	105	113	1948.....	155	161	120
1931.....	80	82	68	1940.....	117	114	134	1949.....	135	139	107
1932.....	67	72	36	1941.....	125	122	149	1950.....	148	152	125
1933.....	76	80	51	1942.....	129	125	148	1951.....	164	169	134

Source: Board of Governors of the Federal Reserve System. Totals and monthly data published in the *Federal Reserve Bulletin*.

No. 841.—IMPORTS AND EXPORTS OF PRINCIPAL MINERAL PRODUCTS: 1948 AND 1950

MINERAL	QUANTITY			VALUE (\$1,000)	
	Unit	1948	1950	1948	1950
IMPORTS					
Fuels: Petroleum.....	1,000 barrels.....	128,557	173,920	283,309	369,208
Nonmetallic minerals:					
Asbestos.....	Short tons.....	647,882	705,454	37,974	47,293
Diamonds:					
Gem.....	1,000 carats.....	1,298	926	100,645	102,273
Industrial.....	do.....	10,648	11,198	33,200	37,001
Mica.....	Short tons.....	17,896	18,511	15,546	23,660
Ores and concentrates:					
Bauxite.....	Long tons.....	2,488,915	2,516,247	15,821	15,730
Chromite.....	Short tons.....	1,542,125	1,303,714	33,010	23,299
Copper.....	Short tons of metal.....	48,598	87,712	18,309	33,032
Iron ore.....	1,000 long tons.....	6,109	8,297	27,330	44,027
Lead.....	Short tons of metal.....	34,002	96,587	8,351	21,184
Manganese ore.....	1,000 short tons.....	1,475	2,014	23,339	41,882
Tin.....	Long tons of metal.....	37,492	25,960	72,170	47,163
Tungsten.....	Short tons of metal.....	4,237	8,024	8,716	15,309
Metals (including scrap):					
Aluminum.....	Short tons.....	160,886	255,692	41,799	67,533
Copper.....	do.....	420,172	481,068	175,333	184,394
Lead.....	do.....	284,732	460,035	92,704	110,644
Nickel.....	do.....	106,935	97,302	61,031	77,107
Platinum group.....	Troy ounces.....	237,547	391,126	12,514	21,123
Tin.....	Long tons.....	49,282	82,986	103,387	153,099
Zinc.....	Short tons.....	102,920	158,897	26,130	39,621
EXPORTS					
Fuels:					
Anthracite.....	1,000 short tons.....	6,676	3,892	86,203	62,502
Bituminous coal.....	do.....	45,930	25,468	392,826	206,545
Petroleum.....	1,000 barrels.....	139,737	34,824	116,763	102,717
Nonmetallic minerals:					
Cement.....	do.....	5,922	2,418	20,917	7,275
Phosphate rock.....	Long tons.....	1,141,364	1,832,048	10,485	14,874
Potash material.....	Short tons.....	128,069	117,138	8,289	5,534
Sulfur, native.....	1,000 long tons.....	1,263	1,441	26,779	30,951
Metals (including scrap):					
Aluminum.....	Short tons.....	49,546	21,283	29,037	11,029
Copper.....	do.....	207,021	192,339	110,284	86,712
Iron and steel, scrap.....	1,000 short tons.....	208	208	6,739	6,255
Molybdenum ²	Short tons.....	2,066	3,117	2,999	5,454
Nickel.....	do.....	9,061	3,645	8,525	4,064
Zinc.....	do.....	72,882	17,728	19,143	6,289

¹ Includes some unfinished oils.

² Converted to short tons from content pounds.

Source: Department of Commerce, Bureau of Census; *Foreign Commerce and Navigation of the United States*, and current summary reports.

No. 842.—NUMBER OF MINING AND RELATED MANUFACTURING FIRMS: 1939 TO 1951

[In thousands]

SEPT. 30—	Mining firms	MINERAL MANUFACTURING FIRMS			
		Metal smelting and re-fining	Fabricated metal products	Products of petroleum and coal	Stone, clay, and glass products
1939.....	36.1	3.8	10.5	1.2	7.1
1940.....	37.7	4.0	10.8	1.3	7.2
1941.....	39.3	4.2	11.5	1.3	7.5
1942.....	35.2	4.3	11.7	1.3	7.5
1943.....	31.1	4.3	11.8	1.2	7.3
1944.....	31.0	4.5	12.4	1.2	7.2
1945.....	31.3	5.0	13.7	1.3	7.9
1946.....	32.9	6.0	16.3	1.4	12.6
1947.....	34.2	6.2	17.9	1.4	13.1
1948.....	35.8	6.2	18.0	1.4	12.0
1949.....	34.0	5.9	17.7	1.5	10.6
1950.....	34.4	5.8	18.0	1.4	10.1
1951 ¹	34.2	5.9	18.2	1.5	9.7

¹ As of Mar. 31, 1951.Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*.

No. 843.—YEARLY AVERAGE PRICES OF SELECTED MINERAL PRODUCTS: 1896 TO 1951

[Prices per short ton for coal, per long ton for iron ore and sulfur]

YEAR	Crude petroleum (at wells) ¹	Bituminous coal ² (f.o.b. selected cities)	Iron ore ³ (Lake Erie ports)	Copper, electrolytic (New York)	Lead (New York)	Tin (New York) ⁴	Zinc (St. Louis)	Aluminum, delivered ⁵	Sulfur crude (f.o.b. works)
	Dollars per bbl.	Dollars per ton	Dollars per ton	Cents per lb.	Cents per lb.	Cents per lb.	Cents per lb.	Cents per lb.	Dollars per ton
1896-1900.....			2.36	\$13.41	3.84	10.54	4.55	37.15	
1901-1905.....			2.70	13.877	4.330	28.19	5.284	33.80	22.16
1906-1910.....			3.70	15.642	4.780	34.26	5.432	31.12	21.89
1911-1915.....			3.08	14.973	4.359	41.10	7.205	23.84	22.00
1916-1920.....	2.19		5.21	23.031	7.355	54.43	8.783	42.14	31.76
1921-1925.....	1.68	4.39	5.03	13.474	6.933	42.64	6.189	23.88	14.55
1926-1930.....	1.48	4.09	4.35	14.475	6.765	51.38	6.135	24.80	18.04
1931-1935.....	.83	3.88	4.50	7.555	3.843	37.64	3.806	22.40	18.00
1936-1940.....	1.11	4.30	4.76	10.980	5.138	48.39	5.495	20.12	13.90
1941-1945.....	1.16	4.99	4.47	11.779	6.355	52.01	8.095	15.37	16.00
1946-1950.....	2.20	7.63	6.29	19.451	13.897	85.32	11.765	16.09	17.43
1946.....	1.37	5.78	4.80	13.820	8.109	54.54	8.726	15.00	16.00
1947.....	1.90	6.87	5.55	20.958	14.673	77.95	10.500	15.00	16.50
1948.....	2.57	8.10	6.20	22.038	18.043	99.25	13.689	15.73	18.00
1949.....	2.57	8.65	7.20	19.202	15.364	99.34	12.144	17.00	18.00
1950.....	2.57	8.74	7.70	21.235	13.296	95.54	13.866	17.71	18.90
1951.....	(11)	9.06	8.30	24.200	17.500	127.08	18.000	19.00	21.00

¹ Posted price, Mid-Continent Oklahoma-Kansas, 36°-36.9° gravity (1923, 35°-36.9°; 1924-25, 36°-38.9°).² Run of mine, average wholesale price.³ Lake Superior, Mesabi, non-Bessemer.⁴ 99 percent tin, 1896-1919; Straits tin thereafter.⁵ Prices 1896 to 1929 for pure aluminum (No. 1 virgin 98-99 percent); beginning 1930, for 99 percent+ virgin ingot.⁶ Prices 1896 to 1898 are for Lake copper.⁷ Data are for New York zinc.⁸ Average, 1903-05; average for New York zinc 1901-05, 5.058 cents.⁹ Average for 4 years.¹⁰ Average, 1923-25.¹¹ Not yet available.Source: Compiled from *Engineering and Mining Journal*; *Metal Statistics*; *Petroleum Data Book*; *Wholesale Prices* (Bureau of Labor Statistics); and *Mineral Yearbook* (Bureau of Mines).

No. 844.—MINERAL INDUSTRIES—SUMMARY FOR THE UNITED STATES: 1919, 1929, AND 1939

[Statistics cover producing operations only. In general, those for 1939 cover only those operations (or concerns producing crude petroleum, natural gas, and natural gasoline, and rendering oil- and gas-field services) for which total value of all products, reported principal expenses, cost of buildings, machinery, and equipment during year, or cost of drilling and equipping wells during year amounted to \$2,500 or more. For bituminous coal and lignite an output criterion of 1,000 tons of coal was substituted for value of all products. Statistics for common sand and gravel industry exclude data for operations that produce less than 15,000 tons of sand and gravel unless reported principal expenses or cost of buildings, machinery, and equipment during year amounted to \$15,000 or more. Statistics for 1929 cover, in general, only those "enterprises" for which total value of all products or cost of development work amounted to \$2,500 or more. Bituminous coal and lignite mines that produced less than 1,000 tons of coal and common sand and gravel operations that produced less than 25,000 tons of sand and gravel, were excluded. Statistics for 1919 exclude data for "enterprises" for which value of all products was less than \$500 or cost of development work was less than \$5,000. Noncommercial production of stone and sand and gravel obtained from mines or quarries operated by governmental agencies, public utilities, or by construction companies or contractors producing wholly for their own use or on contract for governmental agencies is excluded for all years. For summary data from 1939 Census of Mineral Industries by type of mineral industry, see 1949 *Statistical Abstract*, table 854]

ITEM	1939 (all industries)	COMPARATIVE STATISTICS FOR 1939 AND 1929		COMPARATIVE STATISTICS FOR 1939 AND 1919	
		1939 ¹	1929	1939 ²	1919
Number of mines and quarries.....	13,395	12,736	11,602	10,888	13,844
Number of oil and gas wells producing December 31.....	347,645			347,645	257,673
Number of natural-gasoline plants.....	734			734	1,115
Value of all products ³.....1,000 dollars.....	3,221,927	1,721,771	2,392,831	3,089,904	3,122,559
Number of persons engaged, total.....	827,410	668,771	863,948	792,423	1,077,675
Wage earners (average for the year) ⁴	736,150	616,614	806,418	705,872	981,560
Salaried employees ⁵	77,019	44,124	52,633	73,238	74,197
Proprietors and firm members (not applicable to corporations) ⁶	14,241	8,033	4,897	13,313	21,918
Performing manual labor.....	6,431	5,107	(7)	6,122	5,245
Principal expenses designated below, total 1,000 dollars.....	1,747,282	1,161,318	1,661,168	1,674,708	2,166,345
Wages ⁴.....do.....	915,558	740,112	1,091,990	881,122	1,295,936
Salaries ⁵.....do.....	180,355	103,807	137,639	180,372	149,329
Supplies and materials.....do.....	306,297	216,448	293,568	290,545	519,594
Fuel.....do.....	60,374	32,568	49,146	53,098	93,911
Purchased electric energy.....do.....	68,892	61,429	71,769	63,617	28,195
Contract work.....do.....	206,805	6,953	17,056	205,955	79,380
Cost of machinery and equipment installed during year ⁷.....1,000 dollars.....	261,475	60,334	84,508	253,688	(7)
Horsepower rating of power equipment, total ⁸	13,045,784	8,754,546	7,514,843	12,112,357	¹⁰ 6,723,786
Prime movers.....	7,149,168	3,332,089	2,743,025	6,653,204	5,111,531
Electric motors driven by purchased energy.....	5,896,616	5,422,457	4,771,818	5,459,153	¹⁰ 1,612,255
Electric energy consumed, total, 1,000 kilowatt-hours.....	8,371,670	7,396,870	7,462,790	(7)	(7)
Purchased.....do.....	6,301,497	5,627,091	5,382,178	(7)	(7)
Generated by reporting companies.....do.....	2,070,173	1,769,779	2,080,612	(7)	(7)

¹ Excludes statistics for common clay and shale, crude petroleum and natural gas, greensand, natural gasoline, peat, potash, and rock salt industries, for comparability with 1929.

² Excludes common clay and shale, common sand and gravel, glass-sand, foundry-sand, natural sodium compounds, peat, potash, and rock salt industries, and limestone mines and quarries operated in conjunction with cement and lime plants for comparability with 1919.

³ Includes value of crude minerals produced, value added during year by preparation processes, receipts for services performed for other concerns, and value of electric energy generated and sold.

⁴ Represents statistics for skilled and unskilled employees who perform manual labor, use tools, operate machines, handle materials, and care for property. Average numbers of wage earners were derived by adding numbers reported for each month and dividing sums by 12.

⁵ Represents statistics for salaried employees at operations and at central and branch offices, including officers of corporations, managers, superintendents, and other supervisory personnel, responsible professional and technical employees, and clerical employees. Number of salaried employees represents number receiving pay on a representative or normal day or pay-roll period—for 1939, during normal pay-roll period ending nearest Oct. 14; for 1929, on Dec. 14 or on nearest representative day; for 1919, on Dec. 15 or on nearest representative day. Salaries represent total amount paid to salaried employees during calendar year.

⁶ Represents statistics for proprietors and firm members at operations and at central and branch offices.

⁷ Census statistics not available.

⁸ For 1939 includes installation costs, which are excluded for 1929.

⁹ Statistics for 1939 and 1929 refer to equipment in use or available for use at end of year.

¹⁰ Includes equipment, with rating of 8,865 horsepower, operated by purchased power other than electric energy.

Source: Dept. of Commerce, Bureau of the Census; *Census of Mineral Industries, 1939*, Vol. I.

NO. 845.—EMPLOYMENT AND INJURIES IN MINERAL INDUSTRIES, BY INDUSTRY GROUP: 1915 TO 1950

[Excludes data on petroleum, natural gas, sand and gravel, clay, iron smelting and steel industries. For additional data for coal mines, see table 849. See also *Historical Statistics*, series G 131-158]

ITEM	1915	1920	1930	1940	1945	1948	1949	1950 (prel.)
Men working daily, total ¹	1,067,817	1,095,063	888,514	801,926	637,220	740,988	723,390	711,947
Coal mines	734,008	784,621	644,006	533,267	437,921	507,333	485,306	476,800
Metal mines ²	152,118	136,583	103,233	120,120	71,665	83,386	83,741	81,800
Quarries	100,740	86,488	80,633	78,509	58,180	77,344	82,209	83,000
Coke plants	31,060	28,139	19,855	19,962	22,987	25,157	24,471	24,347
Metallurgical plants	49,891	59,232	40,787	49,068	46,467	47,768	47,663	46,000
Average active days, total	231	249	217	219	271	249	205	225
Coal mines	209	230	192	199	259	227	170	193
Metal mines ²	280	296	270	242	289	283	256	274
Quarries	246	267	255	240	264	284	275	273
Coke plants	303	319	347	339	344	350	321	341
Metallurgical plants	333	332	327	295	329	317	294	315
Man-days worked, total (1,000 days)	246,847	272,526	192,525	175,665	172,672	184,552	148,304	160,018
Coal mines	153,479	180,385	123,894	106,239	113,424	115,083	82,437	92,157
Metal mines ²	42,599	40,362	27,870	20,046	20,689	23,557	21,407	22,414
Quarries	24,734	23,127	20,559	19,122	15,376	21,993	22,569	22,675
Coke plants	9,424	8,976	6,881	6,774	7,915	8,798	7,860	8,292
Metallurgical plants	16,611	19,676	13,321	14,484	15,268	15,121	14,031	14,480
Man-hours worked, total (1,000 hours)	(3) ³	(3)	(3)	1,385,128	1,437,533	1,457,691	1,170,591	1,261,871
Coal mines	1,339,279	1,451,162	1,102,902	840,416	958,591	898,231	642,476	716,880
Metal mines ²	(3)	(3)	(3)	230,728	165,908	189,300	171,316	179,400
Quarries	231,512	216,465	186,502	147,244	127,168	179,111	182,258	183,660
Coke plants	(3)	86,070	55,969	53,624	64,375	70,021	62,446	65,861
Metallurgical plants	(3)	(3)	(3)	113,116	121,491	121,028	112,095	116,070
Number of injuries:								
Fatal	3,076	2,985	2,492	1,716	1,270	1,227	760	832
Coal mines	2,269	2,272	2,063	1,388	1,068	999	585	642
Metal mines ²	553	425	271	223	112	119	79	107
Quarries	148	178	105	72	53	75	66	42
Coke plants	38	49	28	15	18	20	7	14
Metallurgical plants	68	61	25	18	19	14	23	27
Nonfatal	(3)	(3)	126,740	80,856	73,411	70,939	51,576	53,250
Coal mines	(3)	(3)	99,981	57,776	57,117	53,472	35,405	37,235
Metal mines ²	35,295	32,562	15,594	14,766	8,067	8,807	8,065	7,950
Quarries	9,671	11,217	7,417	5,188	4,121	4,994	4,826	4,660
Coke plants	2,852	3,415	1,022	544	835	917	713	780
Metallurgical plants	7,813	8,863	2,726	2,682	3,271	2,749	2,567	2,625
Permanent	(3)	(3)	3,684	2,912	1,707	2,004	1,540	(3)
Coal mines	(3)	(3)	2,728	2,151	1,109	1,161	845	(3)
Metal mines ²	609	357	503	423	310	391	268	(3)
Quarries	523	337	265	172	89	170	171	(3)
Coke plants	(3)	79	32	22	34	34	47	(3)
Metallurgical plants	(3)	149	156	144	165	248	209	(3)
Injury rates per million man-hours:								
Fatal	(3)	(3)	(3)	1.24	.88	.84	.65	.66
Coal mines	1.69	1.57	1.87	1.65	1.11	1.11	.91	.90
Metal mines ²	(3)	(3)	(3)	.97	.68	.63	.46	.60
Quarries	.64	.82	.56	.49	.42	.42	.36	.23
Coke plants	(3)	.57	.50	.28	.28	.29	.11	.21
Metallurgical plants	(3)	(3)	(3)	.16	.16	.12	.21	.23
Nonfatal	(3)	(3)	(3)	58.37	51.07	48.67	44.06	42.20
Coal mines	(3)	(3)	90.65	68.75	59.58	59.53	55.11	51.94
Metal mines ²	(3)	(3)	(3)	64.00	48.62	46.52	47.08	44.31
Quarries	41.77	51.82	39.77	35.23	32.41	27.88	26.48	25.37
Coke plants	(3)	39.68	18.26	10.14	12.97	13.10	11.42	11.84
Metallurgical plants	(3)	(3)	(3)	22.83	26.92	22.71	22.90	22.62
Injury rates per thousand 300-day workers, for all mines except coal:								
Fatal	3.89	3.16	2.92	2.30	1.62	1.52	1.11	1.43
Nonfatal	248.56	242.02	167.86	152.51	116.66	112.16	113.01	108.41

¹ Average number of men at work each day mine was active. Because absenteeism and labor turn-over are taken into consideration, this number is lower than number of men available for work as measured by a count of names on pay roll.

² Includes nonmetal mines except coal and quarries.

³ Not available.

Source: Department of Interior, Bureau of Mines; *Minerals Yearbook* and records.

No. 846.—COAL—PRODUCTION, CONSUMPTION, IMPORTS, AND EXPORTS: 1910 TO 1950

[Quantities in thousands of short tons except as indicated; values in thousands of dollars. Includes coal consumed at mines. See also *Historical Statistics*, series G 13-42]

ITEM	1910	1920	1930	1940	1945	1948	1949	1950
Total coal production:								
Quantity.....	501,596	658,265	536,911	512,267	632,551	656,658	480,570	560,388
Value, total.....	629,557	2,564,185	1,150,057	1,084,817	2,092,148	3,460,319	2,494,879	2,892,772
BITUMINOUS COAL ¹								
Production:								
Quantity.....	417,111	568,667	467,526	460,772	577,617	599,518	437,868	516,311
Value, total.....	460,282	2,129,933	795,483	879,327	1,768,204	2,993,267	2,136,871	2,500,374
Average per ton.....	1.12	3.75	1.70	1.91	3.06	4.99	4.88	4.84
Exports:								
Quantity.....	12,078	38,517	15,877	16,466	27,956	45,930	27,842	25,468
Value.....	26,685	304,273	59,186	60,832	147,954	392,826	232,393	206,545
Imports:								
Quantity.....	2,225	1,245	250	372	467	291	315	347
Value.....	4,761	6,734	1,135	1,501	2,294	2,003	2,368	2,369
Consumption.....		508,595	454,990	430,910	559,567	519,909	445,538	454,202
Number of mines.....	5,818	8,921	5,891	6,324	7,033	9,079	8,559	9,420
Average number of men employed.....	555,533	639,547	493,202	439,075	383,100	² 441,631	² 433,698	² 415,582
Calculated capacity ³ (millions of net tons):								
At 308 days per year.....	592	796	770	703	682	851	859	(⁴)
At 280 days per year.....	538	725	700	639	620	774	781	790
At 261 days per year.....	502	675	653	595	578	721	728	(⁴)
Average number of days worked.....	217	220	187	202	261	217	157	183
Average tons per man:								
Per day.....	3.46	4.00	5.06	5.19	5.78	6.26	6.43	6.77
Per year.....	751	881	948	1,049	1,508	1,358	1,010	1,239
Percent underground production:								
Out by machines.....	41.7	60.7	81.0	88.4	90.8	90.7	91.4	92.6
Mechanically loaded.....			10.5	35.4	56.1	64.3	67.0	69.4
Percent total production:								
Mechanically cleaned.....	3.8	3.3	8.3	22.2	25.6	30.2	35.1	38.5
Mined by stripping.....		1.5	4.3	9.2	19.0	23.3	24.2	23.9
ANTHRACITE (PA.) ⁵								
Production:								
Quantity.....	84,485	89,598	69,385	51,485	54,934	57,140	42,702	44,077
Value, total.....	160,275	434,252	354,574	205,490	323,944	467,052	358,008	392,398
Average per ton.....	1.90	4.85	5.11	3.99	5.90	8.17	8.38	8.90
Exports:								
Quantity.....	3,384	5,404	2,552	2,668	3,691	6,676	4,943	3,892
Value.....	14,785	45,538	24,509	21,210	36,435	86,203	64,786	62,502
Imports:								
Quantity.....	9	32	675	135	(⁶)	1	-----	18
Value.....	42	258	4,376	976	1	7	-----	255
Consumption (apparent).....	81,110	85,786	67,628	49,000	51,600	50,200	37,700	39,900
Average number of men employed.....	169,497	145,074	150,804	91,313	72,842	76,215	75,377	72,624
Average number of days worked.....	229	271	208	186	269	265	195	211
Average tons per man:								
Per day.....	2.17	2.28	2.21	3.02	2.79	2.81	2.87	2.83
Per year.....	498	618	460	562	751	745	560	597
Quantity out by machines.....	770	938	1,410	1,816	1,210	1,017	558	612
Quantity mined by stripping.....		2,054	2,536	6,353	10,056	13,353	10,377	11,834
Quantity loaded, mechanically underground.....			4,468	12,326	13,928	15,742	11,858	12,336
World total, bituminous coal, lignite and anthracite (1,000,000 metric tons).....	1,166	1,319	1,414	1,799	1,356	1,713	1,653	1,794

¹ 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. ² Average number of men working daily.³ Capacity of active mines with existing labor force, derived on basis of average output per day.⁴ Not available.⁵ Beginning 1945, 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. ⁶ Less than 500 tons. ⁷ For 1911.Source: Department of Interior, Bureau of Mines; *Minerals Yearbook* and annual bulletins.

No. 847.—COAL—PRODUCTION, BY STATES: 1926 TO 1950

[In thousands of short tons. Includes coal consumed at mines. See also *Historical Statistics*, series G 13 and 16]

STATE	1926-1930	1931-1935	1936-1940	1941-1945	1946	1947	1948	1949	1950
Total quantity	595,497	405,108	468,860	636,037	594,429	687,814	656,658	480,570	560,388
Anthracite (Pa.).....	76,619	53,674	51,101	59,195	60,507	57,190	57,140	42,702	44,077
Bituminous.....	518,878	351,434	417,758	576,842	533,922	630,624	599,518	437,868	516,311
Alabama.....	18,380	9,252	12,620	17,783	16,183	19,048	18,801	12,934	14,422
Arkansas.....	1,579	1,012	1,387	1,821	1,631	1,871	1,662	962	1,169
Colorado.....	9,665	5,711	6,435	7,830	5,914	6,358	5,931	4,636	4,259
Illinois.....	57,310	40,198	48,367	68,442	63,469	67,860	65,342	47,208	56,291
Indiana.....	18,467	14,386	17,232	25,216	21,697	25,449	23,849	16,550	19,957
Iowa.....	3,879	3,492	3,376	2,569	1,788	1,684	1,070	1,725	1,981
Kansas.....	3,215	2,270	2,949	3,654	2,493	2,745	2,538	2,031	2,125
Kentucky.....	61,116	38,130	44,970	64,020	66,553	84,241	82,084	62,583	78,495
Maryland.....	2,700	1,654	1,496	1,854	2,003	2,051	1,661	668	648
Michigan.....	705	492	510	1,955	80	14	13	12	11
Missouri.....	3,538	3,624	3,577	3,947	3,733	4,236	4,023	3,647	2,963
Montana.....	3,139	2,396	2,871	4,245	3,723	3,178	2,898	2,766	2,520
New Mexico.....	2,612	1,338	1,378	1,600	1,280	1,443	1,364	1,004	727
North Dakota ¹	1,622	1,760	2,161	2,447	2,555	2,760	2,961	2,967	3,261
Ohio.....	21,111	19,151	22,188	32,190	32,314	37,548	38,708	30,961	37,761
Oklahoma.....	3,346	1,368	1,444	2,623	2,647	3,421	3,462	3,022	2,679
Pennsylvania.....	137,038	86,592	101,566	138,876	125,497	147,079	134,542	89,215	105,870
Tennessee.....	5,544	4,062	5,197	7,184	5,618	6,258	6,483	4,172	5,070
Texas.....	1,107	738	816	200	156	61	187	149	18
Utah.....	4,683	2,846	3,373	6,012	5,994	7,429	6,813	6,160	6,670
Virginia.....	12,521	8,923	13,324	19,121	15,527	20,171	17,999	14,584	17,667
Washington.....	2,513	1,555	1,744	1,641	991	1,118	1,220	899	874
West Virginia.....	136,315	95,748	112,932	154,335	144,020	176,167	168,862	122,610	144,116
Wyoming.....	6,526	4,545	5,617	8,664	7,635	8,051	6,412	6,001	6,348
Other States and Alaska.....	246	201	238	374	521	393	463	502	409

¹ Lignite only.Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*. Current data also published in annual report, *Bituminous Coal and Lignite*.

No. 848.—CONSUMPTION OF BITUMINOUS COAL AND LIGNITE, BY CONSUMER CLASS, WITH RETAIL DELIVERIES: 1940 TO 1950

[In thousands of short tons]

YEAR	Total of classes shown	Colliery fuel	Electric power utilities ¹	Bunker, foreign trade ²	Railroads (class I) ³	COKE		Steel and rolling mills	Coal-gas retorts	Cement mills ⁴	Other industrials ⁵	Retail-dealer deliveries ⁶
						Beehive ovens	By-product ovens					
1940.....	430,910	2,443	49,126	1,426	85,130	4,803	76,583	10,040	1,746	5,633	106,280	87,700
1941.....	492,115	2,489	59,888	1,643	97,384	10,529	82,609	10,902	1,659	6,832	120,720	97,460
1942.....	540,050	2,708	63,472	1,585	115,410	12,876	87,974	10,434	1,721	7,570	131,550	104,750
1943.....	593,797	2,702	74,036	1,647	130,283	12,441	90,019	11,238	1,605	5,851	141,211	122,764
1944.....	589,599	2,712	76,656	1,559	132,049	10,858	94,438	10,734	1,545	3,789	130,353	124,906
1945.....	559,567	2,442	71,003	1,785	125,120	8,135	87,214	10,084	(9)	4,215	127,164	121,805
1946.....	500,386	1,951	68,743	1,381	110,166	7,167	76,121	8,603	(9)	7,009	118,659	100,586
1947.....	545,891	(9)	86,009	1,689	109,296	10,475	94,325	10,048	(9)	7,968	126,948	99,163
1948.....	518,909	(9)	95,620	1,057	94,838	10,322	90,884	10,046	(9)	8,554	112,741	89,747
1949.....	445,538	(9)	80,610	874	68,123	5,354	85,882	7,451	(9)	7,988	98,957	90,299
1950.....	454,202	(9)	88,262	717	60,969	9,088	94,757	7,698	(9)	7,943	96,164	86,604

¹ Federal Power Commission. Represents consumption by public-utility power plants in power generation, including a small quantity of coke amounting to approximately 100,000 tons annually.² U. S. Bureau of Census.³ Association of American Railroads. Represents consumption by class I railways for all uses, including locomotive, powerhouse, shop, and station fuel. The I. C. C. reports that in 1950 consumption for all uses by class I line-haul railways, plus purchases for class II and class III railways, plus purchases by all switching terminal companies combined, was 64,009,869 tons of bituminous coal and lignite.⁴ Includes small amount of anthracite.⁵ Estimates based upon reports collected from a selected list of representative manufacturing plants and retailers.⁶ Included in "Other industrials."Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

No. 849.—COAL—EMPLOYMENT, FATALITIES AND INJURIES AT MINES: 1911 TO 1950

[See also table 845 and *Historical Statistics*, series G 144-158]

ITEM	1911	1920	1930	1940	1945	1948	1949	1950 ¹
ALL COAL MINES								
Total coal production (1,000 tons).....	496,371	658,265	536,911	512,808	631,523	650,003	478,920	560,388
Tons per man-hour.....	.38	.45	.49	.61	.66	.72	.75	.78
Employment:								
Number of employees.....	728,348	784,621	644,006	533,267	437,921	507,333	485,306	476,800
Active days.....	220	230	192	199	259	227	170	193
Man-hours (1,000).....	1,302,108	1,451,162	1,102,902	840,416	958,591	898,231	642,476	716,880
Number of men killed.....	2,656	2,272	2,063	1,388	1,068	999	585	642
Per million tons coal mined.....	5.35	3.45	3.84	2.71	1.69	1.54	1.22	1.15
Per thousand men employed.....	3.65	2.90	3.20	2.60	2.44	1.97	1.21	1.35
Per thousand 300-day workers.....	4.97	3.78	5.00	3.92	2.82	2.60	2.13	2.09
Number of men injured.....	(2)	(2)	99,981	57,776	57,117	53,472	35,405	37,235
Per million tons coal mined.....	(2)	(2)	186.22	112.67	90.44	82.26	73.93	66.45
BITUMINOUS COAL MINES								
Number of men killed.....	1,957	1,781	1,619	1,204	925	862	494	550
Per million tons coal mined.....	4.82	3.13	3.46	2.61	1.60	1.45	1.13	1.07
Per thousand men employed.....	3.53	2.78	3.28	2.73	2.53	2.01	1.21	1.37
Per thousand 300-day workers.....	5.02	3.79	5.26	4.07	2.96	2.73	2.19	2.19
Number of men injured.....	(2)	(2)	71,217	43,994	46,194	42,078	27,548	28,380
Per million tons coal mined.....	(2)	(2)	152.33	95.37	80.12	70.97	63.22	54.97
ANTHRACITE MINES								
Number of men killed.....	699	491	444	184	143	137	91	92
Per million tons coal mined.....	7.73	5.48	6.40	3.57	2.60	2.40	2.11	2.09
Per thousand men employed.....	4.02	3.38	2.94	1.99	1.96	1.76	1.20	1.23
Per thousand 300-day workers.....	4.90	3.74	4.22	3.16	2.19	2.00	1.83	1.63
Number of men injured.....	(2)	(2)	28,764	13,782	10,923	11,394	7,857	8,855
Per million tons coal mined.....	(2)	(2)	414.56	267.67	198.60	199.62	181.87	200.90

¹ Preliminary.² Not available.Source: Department of Interior, Bureau of Mines; *Minerals Yearbook*, annual bulletin, *Injury Experience in Coal Mining*, and records.

No. 850.—CONSUMPTION AND USE OF FUELS AND ELECTRIC ENERGY IN THE NON-ENERGY-PRODUCING ECONOMY: 1929, 1939, AND 1947

[In units of ten billion B. t. u. Electric energy at central station fuel consumption rate. Excludes exports]

USE	CONSUMPTION			PERCENT OF TOTAL		
	1929	1939	1947	1929	1939	1947
Total	2,236,450	2,044,097	3,091,906	100.0	100.0	100.0
Manufacturing industries ¹	631,339	507,640	851,859	28.2	24.8	27.6
Food and kindred products.....	55,460	54,943	71,101	2.5	2.7	2.3
Textile-mill products.....	36,735	30,688	38,582	1.6	1.5	1.2
Paper and allied products.....	40,007	39,382	63,272	1.8	1.9	2.1
Chemicals and allied products.....	50,927	51,482	102,266	2.3	2.5	3.3
Stone, clay, and glass products.....	84,300	59,430	88,960	3.8	2.9	2.9
Primary metals:						
Iron and steel.....	231,503	168,221	287,150	10.3	8.2	9.3
Nonferrous.....	16,110	20,669	44,724	.7	1.0	1.5
Fabricated metal products.....	21,318	12,396	19,638	1.0	.6	.6
Other manufacturing industries.....	94,979	69,834	128,672	4.2	3.4	4.2
Nonfuel mines and quarries.....	23,530	16,462	21,841	1.1	.8	.7
Transportation ¹	747,393	670,523	950,719	33.4	32.8	30.7
Pipeline and utility system use and loss.....	50,144	54,835	89,850	2.2	2.7	2.9
Railroads.....	426,416	269,500	378,181	19.1	13.2	12.2
Bunkers (foreign trade only).....	67,672	53,118	77,359	3.0	2.6	2.5
Non-highway:						
Aviation.....	256	-----	11,275	-----	-----	.4
Other.....	26,767	34,807	42,555	1.2	1.7	1.4
Highway.....	176,138	257,979	350,546	7.9	12.6	11.3
Army, Navy, and Coast Guard.....	3,920	7,788	23,162	.2	.4	.7
Domestic and commercial.....	696,690	715,911	1,039,015	31.2	35.0	33.6
Nonfuel use.....	65,927	82,967	134,534	2.9	4.1	4.4
Miscellaneous.....	67,651	42,806	70,776	3.0	2.1	2.3

¹ Includes certain small consumption not included in detail.Source: Department of Interior, Bureau of Mines; *Production, Consumption, and Use of Fuels and Electric Energy in the United States in 1929, 1939, and 1947*.

No. 851.—WORK STOPPAGES IN ANTHRACITE AND BITUMINOUS COAL MINING INDUSTRIES, BY MAJOR ISSUES INVOLVED: 1939 TO 1951

[Excludes work stoppages involving fewer than 6 workers or lasting less than 1 day. Figures are for stoppages beginning in years shown. For combined statistics covering work stoppages in all industries, see table 237, p. 196]

COAL-MINING INDUSTRY AND YEAR	NUMBER OF WORK STOPPAGES ¹				NUMBER OF WORKERS INVOLVED ²				NUMBER OF MAN-DAYS IDLE			
	Major issues				Major issues				Major issues			
	Total	Wages and hours	Union or- gan- iza- tion ³	Mis- cella- neous	Total	Wages and hours	Union or- gan- iza- tion ²	Mis- cella- neous	Total	Wages and hours	Union or- gan- iza- tion ²	Mis- cella- neous
Anthracite:												
1939.....	25	3	5	17	22,664	2,813	1,057	18,794	77,909	3,773	15,271	58,865
1940.....	25	1	3	21	17,355	62	2,308	14,985	105,399	496	30,470	74,433
1941.....	27	5	1	21	136,888	92,557	1,552	42,779	423,299	97,023	0,208	320,068
1942.....	31	10	-----	21	36,153	19,142	-----	17,011	225,921	148,460	-----	77,461
1943.....	30	12	-----	18	117,623	88,296	-----	29,327	1,836,486	1,552,457	-----	284,029
1944.....	61	18	1	42	40,624	14,278	6,730	19,616	326,922	209,054	43,590	74,278
1945.....	43	18	-----	25	87,700	74,500	-----	13,200	1,163,000	1,108,000	-----	55,000
1946.....	34	5	1	28	109,000	81,700	20	27,600	649,000	545,000	310	104,000
1947.....	28	6	-----	22	21,300	6,520	-----	14,800	159,000	105,000	-----	53,800
1948.....	26	5	1	20	54,500	5,710	20	48,800	274,000	33,000	100	241,000
1949.....	34	8	-----	26	218,000	72,500	-----	145,000	1,400,000	600,000	-----	799,000
1950.....	41	13	-----	28	22,200	11,200	-----	10,900	80,100	27,700	-----	52,400
1951.....	30	5	-----	25	23,900	6,430	-----	17,500	81,200	53,900	-----	27,400
Bituminous:												
1939.....	25	2	11	12	355,383	1,102	346,524	7,757	7,302,556	22,243	7,191,984	88,329
1940.....	34	4	10	20	24,372	272	3,451	20,649	153,296	15,954	16,214	121,128
1941.....	75	19	13	43	593,352	383,829	63,180	146,343	6,747,986	5,589,678	710,220	448,088
1942.....	96	25	11	60	43,774	15,551	3,137	25,086	264,468	134,100	15,632	114,736
1943.....	400	177	17	206	487,474	423,801	3,137	60,536	7,510,397	7,247,829	23,141	239,427
1944.....	792	208	52	532	229,907	50,918	46,207	132,782	1,056,341	207,859	266,646	581,836
1945.....	598	144	49	399	581,500	203,100	238,500	139,400	5,007,000	984,000	3,308,000	713,000
1946.....	485	102	42	341	834,000	708,000	10,300	116,000	19,500,000	18,800,000	142,000	512,000
1947.....	415	74	22	319	490,000	20,400	347,000	122,000	2,190,000	184,000	1,550,000	450,000
1948.....	561	82	42	437	582,000	337,000	51,900	192,000	9,560,000	8,230,000	438,000	900,000
1949.....	421	50	27	344	1,130,000	345,000	3,300	780,000	16,700,000	12,400,000	39,800	4,220,000
1950.....	430	54	34	342	165,000	27,500	6,230	131,000	9,320,000	8,810,000	52,100	456,000
1951.....	549	73	58	418	213,000	28,400	13,400	171,000	887,000	81,200	80,700	725,000

¹ Formerly designated "strikes and lockouts."

² Wages and hours were important issues also in some of these disputes. This is especially true in recent years.

³ Includes some duplication (where same workers were involved in more than 1 stoppage). This is particularly significant in 1949, since over 60,000 anthracite miners and over 300,000 bituminous coal miners were involved in 3 separate stoppages during year.

Source: Department of Labor, Bureau of Labor Statistics; Bulletin No. 651, *Strikes in the United States, 1880-1936*; annual bulletins on work stoppages, and official records.

No. 852.—COKE—PRODUCTION, EXPORTS, AND IMPORTS: 1910 TO 1950

[See also *Historical Statistics*, series G 43-56]

ITEM	1910	1920	1930	1940	1945	1948	1949	1950
Production, total.....1,000 short tons..	41,709	51,345	47,972	57,072	67,308	74,802	63,637	72,718
Oven coke.....do..	7,139	30,834	45,190	54,014	62,094	68,284	60,222	66,891
Percent of total.....	17.1	60.1	94.2	94.6	92.3	91.2	94.6	92.0
Beehive coke.....1,000 short tons..	34,570	20,511	2,776	3,058	5,214	6,578	3,415	5,827
Value of coke at plant, total.....\$1,000,000..	108	581	378	442	699	1,230	1,111	1,779
Beehive coke.....do..	75	163	10	44	38	79	44	77
Oven coke.....do..	25	313	20	260	470	849	799	900
All coal-chemical materials.....do..	8	105	168	168	191	302	268	302
Average value per ton at plant.....	\$2.39	\$9.27	\$4.36	\$4.80	\$7.56	\$12.40	\$13.24	\$13.45
Coal charged.....million short tons..	63.1	76.2	69.8	81.4	95.7	107.6	91.4	104.0
Value, average per ton.....	\$2.39	\$4.44	\$3.36	\$3.58	\$5.13	\$7.84	\$8.34	\$8.41
Yield of coke from coal.....percent..	66.1	67.4	68.7	70.1	70.4	69.6	69.6	69.9
Ovens in existence end of year.....number..	104,440	86,179	36,738	27,884	26,689	29,217	28,766	32,690
Coke (slot type).....do..	4,078	10,881	12,831	12,734	14,510	15,139	15,104	14,982
Beehive.....do..	100,362	75,298	23,907	15,150	12,179	14,078	13,662	17,708
Coke ovens under construction end of year do..	1,200	396	276	492	335	350	562	706
Exports.....1,000 short tons..	985	920	1,004	804	1,479	707	548	398
Imports.....do..	173	41	133	113	62	161	278	438

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

No. 853.—COKE—OVEN AND BEEHIVE PRODUCTION, BY STATES: 1915 TO 1950

[In thousands of short tons. Exclusive of screenings or breeze]

STATE	1915	1920	1925	1930	1935	1940	1945	1948	1949	1950
OVEN										
Total	14,073	30,834	39,912	45,196	34,224	54,014	62,094	68,284	60,222	66,891
Alabama.....	2,070	3,124	4,582	3,987	1,994	4,727	5,401	6,015	5,161	5,833
Colorado.....		517	490	379	207	544	639	977	730	805
Illinois.....	1,637	2,137	3,012	3,676	1,669	3,015	3,682	3,675	3,196	3,591
Indiana.....	2,768	4,554	5,142	4,984	3,768	6,413	7,814	8,584	7,533	8,256
Maryland.....	313	682	1,019	1,169	930	1,683	2,025	2,148	2,040	2,367
Massachusetts.....	504	488	535	863	1,006	1,130	1,150	1,057	891	855
Michigan.....	(1)	1,393	1,751	2,604	2,482	2,872	2,806	2,850	2,484	2,731
Minnesota.....	128	675	518	641	430	524	826	846	782	834
New Jersey.....	269	726	904	919	917	1,016	1,284	1,411	1,345	1,481
New York.....	684	1,040	2,220	3,850	4,099	5,080	5,790	5,687	5,165	5,412
Ohio.....	666	5,615	7,105	6,163	5,101	7,898	9,406	10,562	8,911	10,314
Pennsylvania.....	3,092	7,730	9,853	12,529	8,078	14,862	15,255	16,650	14,769	16,333
West Virginia.....	141	447	1,056	1,479	1,604	1,900	2,462	3,298	3,183	3,389
All other States.....	1,749	1,706	1,725	2,051	1,939	2,350	3,556	4,524	4,032	4,690
BEEHIVE										
Total	27,508	20,511	11,355	2,776	917	3,058	5,214	6,578	3,415	5,827
Pennsylvania.....	22,531	15,908	9,574	2,011	564	2,550	4,584	5,734	2,899	5,193
Ohio.....	19	87	156							
West Virginia.....	1,250	1,881	490	422	155	233	288	352	177	302
Alabama.....	1,001	890	88							
Kentucky.....	285	273	(1)			(1)	74	102	48	(1)
Tennessee.....	224	163	128	25	3	5				
Virginia.....	630	1,028	422	220	138	198	191	201	158	198
Colorado.....	671	273	155	79	49	62	73			
Utah.....	(1)	(1)	146	7	6	7	4	189	133	85
All other States.....	887	509	196	12	2	1				49

¹ Included in figure for "all other States."Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

No. 854.—NATURAL GAS—PRODUCTION, CONSUMPTION, AND VALUE: 1930 TO 1950

[See also *Historical statistics*, series G 59-61 for production and value figures]

ITEM	1930	1935	1940	1945	1948	1949	1950
Total marketed production.....							
million cu. ft.....	1,943,421	1,916,595	2,660,222	3,918,686	5,148,020	5,419,736	6,282,060
Value (at wells) of gas produced...\$1,000.....	147,048	110,402	120,493	191,006	333,173	344,034	408,521
Average per M cu. ft.....cents.....	7.6	5.8	4.5	4.9	6.5	6.3	6.5
Number of producing gas wells, Dec. 31.....	55,020	53,790	53,880	60,660	64,212	64,146	64,300
Total consumption.....million cu. ft.....	1,941,644	1,909,901	2,654,659	3,900,479	4,945,149	5,195,484	6,020,404
Domestic.....do.....	295,700	313,498	443,646	607,400	890,348	992,544	1,198,369
Commercial.....do.....	80,707	100,187	134,644	230,099	323,054	347,818	387,838
Industrial.....do.....	1,565,237	1,496,216	2,076,369	3,062,980	3,725,747	3,855,122	4,440,197
Value (at point of consumption) of gas consumed, total.....\$1,000.....	415,519	428,074	577,004	834,195	1,193,559	1,320,589	1,604,041
Domestic.....do.....	209,615	233,940	315,515	415,122	585,188	665,536	826,393
Commercial.....do.....	38,558	49,386	64,399	97,572	142,170	158,105	184,430
Industrial.....do.....	176,346	144,748	197,090	321,501	466,201	496,948	593,218
Average per M cu. ft.....cents.....	21.4	22.4	21.7	21.4	24.1	25.4	26.6
Domestic.....do.....	67.8	74.6	71.1	68.3	65.3	67.1	69.0
Commercial.....do.....	47.8	49.3	47.8	42.4	44.0	45.5	47.6
Industrial.....do.....	11.3	9.7	9.5	10.5	12.5	12.9	13.4
Number of consumers:							
Domestic.....thousands.....	5,035	7,391	9,245	10,959	13,508	14,690	16,906
Commercial.....do.....	413	613	741	889	1,145	1,231	1,347
Industrial ².....do.....	21	36	41	46	59	(3)	(3)

¹ Includes gas stored and lost in transmission.² Excludes oil- and gas-field operators.³ Not available.Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

No. 855.—NATURAL GASOLINE—PRODUCTION AND VALUE: 1930 TO 1950

[Barrels of 42 gallons. See also *Historical Statistics*, series G 62-64]

ITEM	1930	1935	1940	1945	1948	1949	1950
Total produced.....1,000 barrels.....	(1)	(1)	(1)	112,004	146,721	157,086	181,961
Natural gasoline and natural-gasoline mixtures.....1,000 barrels.....	52,631	39,333	51,755	59,494	70,938	71,640	76,873
Liquefied petroleum gases.....do.....	(1)	(1)	(1)	33,648	52,597	57,869	72,282
Other products.....do.....			3,945	18,862	23,186	27,577	32,806
Value at plants:							
Natural gasoline.....\$1,000.....	128,160	70,940	² 68,261	112,018	257,125	211,487	213,810
Liquefied petroleum gases.....do.....	(1)	(1)	(1)	41,994	117,823	99,054	97,773
Other products.....do.....			(2)	33,552	84,029	91,048	108,022
Average value per gallon, all light products.....cents.....	³ 5.8	³ 4.3	³ 2.9	4.0	7.4	6.1	5.5
Natural gas treated.....million cu. ft.....	2,088,778	1,822,000	2,471,400	3,653,870	4,393,500	4,656,142	5,346,804
Average yield, all light products gal. per M cu. ft.....	(1)	(1)	(1)	1.29	1.40	1.42	1.43

¹ Not available.² Other products included with natural gasoline.³ Does not cover liquefied petroleum gases.Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

No. 856.—NATURAL GAS AND NATURAL GASOLINE—PRODUCTION, BY STATES

[Gas in millions of cubic feet; gasoline in thousands of barrels of 42 gallons. Production figures for gas (except as noted) refer only to that used by the ultimate consumer, in addition to which considerable quantities are used by producers, and large quantities are wasted or lost. Consumption figures by States differ greatly from production figures by reason of interstate transportation]

STATE	NATURAL GAS—MARKETED PRODUCTION					Natural gas reserves, 1949 ¹	NATURAL GASOLINE PRODUCED ²		
	1930	1935	1940	1945	1949		1948	1949	1950
Total.....	1,943,421	1,916,595	2,660,222	3,918,686	³ 5,419,736	180,381,344	146,721	157,086	181,961
Arkansas.....	18,585	6,167	14,379	46,600	47,788	874,190	2,259	2,280	2,333
California.....	334,789	284,109	351,950	502,442	550,903	9,991,635	26,549	27,153	28,328
Illinois.....	2,890	1,448	8,359	16,063	12,391	233,192	3,539	3,218	3,107
Kansas.....	37,630	57,125	90,003	145,959	294,078	14,089,560	2,661	2,648	3,687
Kentucky.....	28,023	39,738	53,056	81,714	51,851	1,349,397	1,566	1,621	1,779
Louisiana.....	278,341	249,450	343,191	542,789	732,845	26,687,611	16,901	19,254	20,708
Michigan.....	2,075	4,203	12,648	21,874	14,753	214,911	61	86	79
Mississippi.....	179	9,643	6,365	4,587	68,062	2,528,969	1,124	1,271	1,312
Montana.....	10,060	19,870	26,231	31,829	35,291	803,471	201	230	251
New Mexico.....	9,497	27,931	63,990	105,023	204,961	6,241,003	3,103	4,025	5,019
New York.....	9,624	8,288	12,187	9,210	3,693	66,685	(4)	(4)	-----
Ohio.....	63,394	49,592	40,639	49,967	46,512	652,571	150	123	103
Oklahoma.....	348,116	274,313	257,623	357,530	435,262	11,625,979	11,178	12,485	14,733
Pennsylvania.....	88,706	94,464	90,723	82,188	84,739	621,630	291	245	246
Texas.....	517,880	642,366	1,063,538	1,711,401	2,588,921	99,170,403	72,116	77,031	93,650
West Virginia.....	144,180	115,772	188,751	160,225	181,176	1,715,233	3,637	3,760	4,023
Wyoming.....	43,219	26,643	27,346	35,282	50,815	2,173,677	1,438	1,805	1,551
Other States.....	6,233	5,473	9,238	13,403	13,695	⁴ 1,340,977	47	351	392

¹ Estimated recoverable proved reserves. Excludes gas loss due to natural-gas liquids recovery. Source: American Gas Association.² Includes liquefied petroleum gases and other allied products.³ Includes gas stored and lost in transmission.⁴ Less than 500 barrels.⁵ Includes 1,227,095,000 cubic feet for Colorado.Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

No. 857.—CRUDE PETROLEUM, REFINED PRODUCTS, AND NATURAL GASOLINE— PRODUCTION AND STOCKS: 1910 TO 1951

[Barrels of 42 gallons. See also *Historical Statistics*, series G 57-58]

ITEM	1910	1920	1930	1940	1945	1949	1950 *	1951 (prel.)
Crude petroleum:								
Domestic production.....1,000 bbl..	209,557	442,929	898,011	1,353,214	1,713,655	1,841,940	1,973,574	2,244,529
Value.....\$1,000..	127,900	1,360,745	1,070,200	1,385,440	2,094,250	4,674,770	4,963,380	(¹)
World production.....1,000 bbl..	327,763	688,884	1,411,904	2,144,050	2,594,798	3,404,099	3,796,658	(¹)
U. S. proportion of world total.....	64	64	64	63	66	54	52	-----
Imports ².....1,000 bbl..	571	106,175	62,129	42,662	74,337	153,686	177,714	179,073
Exports ².....do.....	4,288	9,295	23,705	51,496	32,998	33,069	34,823	28,604
Stocks, end of period:								
Gasoline-bearing crude.....do.....	181,030	149,448	408,809	264,709	218,763	253,356	248,463	255,783
California heavy crude.....do.....	(¹)	(²)	(³)	11,906	4,496			
Runs to stills.....do.....	(¹)	433,915	927,447	1,294,162	1,719,534	1,944,221	2,094,867	2,370,404
Total value at wells.....\$1,000..	127,900	1,360,745	1,070,200	1,385,440	2,094,250	4,674,770	4,963,380	(¹)
Average price per barrel at wells.....	\$0.61	\$3.07	\$1.19	\$1.02	\$1.22	\$2.54	\$2.51	(¹)
Refined products:								
Imports ².....1,000 bbl..	(¹)	2,647	43,489	41,089	39,282	81,873	132,547	128,648
Exports ².....do.....	(¹)	70,281	132,794	78,970	149,985	86,307	76,483	125,824
Stocks, end of period.....do.....	(¹)	³ 60,397	³ 254,311	280,958	235,968	342,704	326,892	351,476
Output of motor fuel.....do.....	(¹)	118,022	440,728	616,695	798,194	962,417	1,024,462	1,189,511
Yield of gasoline.....percent.....	(¹)	26.1	42.0	43.1	40.9	43.7	43.0	(¹)
Completed refineries, end of year.....	(¹)	415	435	556	393	367	357	(¹)
Daily crude-oil capacity of refineries.....1,000 bbl..	(¹)	1,889	3,943	4,719	5,316	6,696	6,964	(¹)
Average dealer's net price (excl. tax) of gasoline in 50 U. S. cities ⁴.....cents per gal..	(¹)	28.05	14.49	9.08	10.33	15.05	15.10	(¹)
Natural gasoline:								
Production.....1,000 bbl..	(¹)	9,161	52,631	55,700	112,004	157,086	181,961	205,512
Stocks, end of period.....do.....	(¹)	(¹)	2,377	5,704	4,322	6,831	7,355	8,134

¹ Not available.² Import and export figures from Bureau of Census, except for imports of crude petroleum for 1940 and later years which are as reported to Bureau of Mines. Exports include shipments to noncontiguous Territories and possessions.³ Figure for California heavy crude included in refined products.⁴ American Petroleum Institute figures; prior to 1940, average tank-wagon prices.Source: Department of the Interior, Bureau of Mines (except as noted); *Minerals Yearbook*.

No. 858.—PETROLEUM—RUNS TO STILLS AND REFINERY PRODUCTS, BY CLASS: 1930 TO 1951

[In thousands of barrels of 42 gallons]

PRODUCT	1930	1935	1940	1945	1948	1949	1950	1951 (prel.)
Input, total.....	970,617	996,815	1,333,709	1,789,858	2,107,278	2,029,678	2,189,506	2,469,654
Crude petroleum, total.....	927,447	965,790	1,294,162	1,719,534	2,031,041	1,944,221	2,094,867	2,370,404
Domestic.....	866,615	933,659	1,252,364	1,645,862	1,907,027	1,789,756	1,918,854	2,188,677
Foreign.....	60,832	32,131	41,798	73,672	124,014	154,465	176,013	181,727
Natural gasoline.....	43,170	31,025	30,547	70,324	76,237	85,457	94,639	99,260
Output, total.....	970,617	996,815	1,333,709	1,789,858	2,107,278	2,029,678	2,189,506	2,469,654
Gasoline.....	432,241	457,842	597,376	774,460	895,986	939,051	998,093	1,108,880
Kerosene.....	49,208	55,813	73,882	81,024	121,914	102,152	118,512	135,742
Distillate fuel oil.....	81,551	100,255	183,304	249,220	380,700	340,825	398,912	475,801
Residual fuel oil.....	290,947	259,826	316,221	469,492	466,817	424,909	425,217	469,377
Lubricants.....	34,201	27,853	36,765	41,867	51,416	45,389	51,735	61,489
Wax (1 bbl.=280 lb.).....	1,956	1,608	1,833	2,921	3,515	3,208	4,462	4,814
Coke (5 bbl.=1 s. ton).....	9,895	7,260	7,633	10,115	14,494	16,959	17,224	18,977
Asphalt (5.5 bbl.=1 s. ton).....	18,194	17,133	29,406	39,196	51,919	49,007	58,240	66,302
Still gas (1 bbl.=3,000 cu. ft.).....	5,377	51,184	75,950	103,458	81,159	82,621	83,743	96,294
Road oil.....	5,425	6,030	7,771	2,686	7,915	7,691	6,928	6,100
Other finished products.....	2,377	1,888	3,202	19,080	30,605	27,705	33,800	40,246
Crude gasoline (net).....	-----	1,032	902	14,892	1977	1418	243	1,563
Other unfinished oils (net).....	2,242	¹ 2,412	¹ 3,848	¹ 5,727	¹ 6,913	¹ 10,006	¹ 6,891	¹ 11,967
Shortage.....	37,003	11,493	3,313	6,954	2,768	585	² 712	² 2,648

¹ Negative quantity; represents net excess of unfinished oils rerun over unfinished oils produced.² Negative quantity.Source: Department of the Interior, Bureau of Mines; *Petroleum Refinery Statistics 1930* (Bulletin 367) and *Minerals Yearbook*.

No. 859.—PETROLEUM, CRUDE—PRODUCTION, 1926 TO 1950, AND RESERVES, 1949 AND 1950, BY REGIONS AND STATES

[In thousands of barrels of 42 gallons]

REGION AND STATE	PRODUCTION						PROVED RE-SERVES		
	1926-1930 (aver- age)	1931-1935 (aver- age)	1936-1940 (aver- age)	1941- 1945 (aver- age)	1948	1949	1950	1949	1950
United States ¹	895,762	889,311	1,242,276	1,537,209	2,020,185	1,841,940	1,973,574	24,649,000	25,268,000
Regions:									
Appalachian.....	31,603	30,079	34,817	34,044	32,622				
Lima—N. E. Ind.—									
Mich.....	3,603	10,050	18,716	19,228	16,996				
Illinois—S. W. Indi- ana.....	7,495	5,326	57,570	100,570	71,758	(²)	(²)	(²)	(²)
Mid-continent.....	527,944	566,251	694,826	764,285	1,063,638				
Gulf.....	54,140	75,401	178,326	204,040	412,430				
Rocky Mountain.....	20,468	17,984	27,765	44,830	82,667				
California.....	241,509	184,221	230,256	280,210	340,074				
States:									
Arkansas.....	35,010	12,144	17,485	27,717	31,682	29,986	31,108	297,000	342,000
California.....	241,509	184,221	230,256	280,210	340,074	332,942	327,607	3,823,000	3,734,000
Colorado.....	2,477	1,260	1,539	2,958	17,862	23,587	23,303	345,000	339,000
Illinois.....	6,654	4,551	55,722	94,710	64,808	64,501	62,028	468,000	564,000
Indiana.....	937	800	1,870	5,885	6,974	9,696	10,699	50,000	57,000
Kansas.....	41,123	43,033	63,197	96,447	110,908	101,868	107,586	738,000	732,000
Kentucky.....	7,103	5,494	5,549	7,425	8,801	8,083	10,381	56,000	56,000
Louisiana.....	22,338	30,396	92,771	123,196	181,458	190,826	208,965	1,910,000	2,185,000
Michigan.....	1,913	9,004	18,103	18,928	16,871	16,517	15,826	66,000	79,000
Mississippi.....		(³)	4,507	19,673	45,761	37,966	38,236	403,000	386,000
Montana.....	4,826	3,153	5,861	8,117	9,382	9,118	8,109	112,000	111,000
New Mexico.....	3,171	15,829	35,720	37,383	47,969	47,645	47,367	592,000	592,000
New York.....	2,765	3,618	5,057	5,002	4,621	4,425	4,143	63,000	59,000
Ohio.....	7,022	4,504	3,404	3,228	3,600	3,483	3,383	28,000	27,000
Oklahoma.....	235,663	176,293	185,293	136,492	154,455	151,660	164,599	1,330,000	1,397,000
Pennsylvania.....	10,613	13,443	17,684	15,384	12,667	11,374	11,859	103,000	106,000
Texas.....	245,792	364,341	478,063	616,884	903,498	744,834	929,874	13,510,000	13,582,000
West Virginia.....	5,655	4,032	3,680	3,261	2,692	2,839	2,808	38,000	39,000
Wyoming.....	21,145	13,158	19,987	33,304	55,032	47,890	61,631	692,000	841,000

¹ Includes for certain years small quantities not distributed by regions and States.

² Not available. ³ Not shown separately.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

No. 860.—PETROLEUM PIPE LINES—SUMMARY: 1925 TO 1950

[All figures, except miles of line operated, in thousands of dollars]

YEAR	Miles of line operated	Investment in pipe lines	Other investments	Pipe-line operating revenues	Pipe-line operating expenses	Pipe-line operating income	Net income
1925	70,009	511,088	93,896	164,645	80,232	70,966	88,496
1930	88,727	772,711	96,184	237,910	99,363	121,816	123,741
1935	92,037	763,009	119,071	197,368	89,364	79,586	78,249
1937	96,611	802,946	87,389	248,198	99,641	109,994	102,720
1938	95,775	807,657	70,666	228,211	98,756	95,128	92,724
1939	98,681	829,646	65,124	212,466	97,130	83,401	80,823
1940	100,156	841,977	64,095	225,760	101,919	82,558	79,857
1941	105,435	885,317	45,687	251,685	110,448	81,604	79,468
1942	106,485	918,848	44,525	245,061	123,507	58,332	56,845
1943	108,783	965,464	39,891	276,652	148,448	62,620	61,302
1944	111,615	1,000,741	62,767	310,194	172,368	67,840	65,715
1945	113,351	1,042,523	86,713	304,268	191,668	67,127	65,941
1946	116,544	1,106,454	69,991	293,723	183,869	56,485	56,094
1947	119,298	1,225,168	56,455	325,224	214,682	54,415	53,145
1948	124,092	1,381,402	52,168	377,034	252,971	58,806	56,679
1949	124,984	1,497,579	78,285	376,452	249,368	63,282	57,743
1950	128,589	1,656,973	100,798	441,627	254,701	89,047	81,303

Source: Interstate Commerce Commission; annual report, *Statistics of Oil Pipe Line Companies*.

No. 861.—OIL WELLS, NUMBER AND PRODUCTION, 1949 AND 1950, AND NUMBER OF OIL AND GAS WELLS DRILLED, 1950 AND 1951, BY STATES

STATE	PRODUCING OIL WELLS				WELLS DRILLED ¹					
	Approximate number Dec. 31		Average production per well per day (barrels)		Oil		Gas		Dry	
	1949	1950	1949	1950	1950	1951	1950	1951	1950	1951
Total	448,680	465,870	11.4	11.8	24,430	23,453	2,843	3,030	14,757	16,653
Arkansas	3,660	3,700	22.4	23.2	242	235	2	10	153	184
California	24,350	28,080	35.9	34.2	1,278	1,735	51	40	499	580
Colorado	750	770	89.1	84.2	22	103	12	12	65	174
Illinois	27,100	27,500	6.6	6.2	1,280	918	17	10	1,511	1,484
Indiana	2,950	3,410	9.3	8.6	576	434	51	18	906	912
Kansas	29,600	31,000	9.7	9.7	1,985	2,177	400	376	1,565	1,886
Kentucky	15,500	15,650	1.6	1.8	516	524	157	155	474	629
Louisiana	10,890	11,860	50.6	50.4	1,493	1,218	196	176	758	843
Michigan	3,820	3,950	12.3	11.2	348	223	30	20	459	457
Mississippi	1,400	1,070	74.3	68.3	124	137	9	9	180	228
Montana	3,180	3,300	8.0	6.9	154	144	20	8	96	110
Nebraska	60	140	16.4	42.4	78	77	20	13	100	151
New Mexico	5,580	6,020	23.8	22.7	396	350	88	254	123	169
New York	23,000	23,200	.5	.5	(²)	320	(²)	(²)	(²)	(²)
Ohio	19,900	18,580	.5	.5	(²)	334	(²)	226	(²)	344
Oklahoma	54,400	56,800	7.7	8.1	3,304	3,109	249	265	1,812	2,075
Pennsylvania	82,100	81,190	.4	.4	21,579	776	2 872	239	2 543	70
Texas	119,900	128,600	17.5	18.3	10,665	10,086	647	726	5,197	5,803
West Virginia	15,400	15,000	.5	.5	(²)	79	(²)	419	(²)	124
Wyoming	4,950	5,320	27.5	32.3	365	442	18	21	232	282
Other States	190	230	25.9	32.6	25	32	4	33	84	148

¹ Figures from *Oil and Gas Journal*.² New York, Ohio, and West Virginia included in Pennsylvania.Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*, except as noted.

No. 862.—PETROLEUM PRODUCTS—QUANTITY AND VALUE: 1939 AND 1947

[Money figures in thousands of dollars]

PRODUCT	Unit of measure	1939		1947			
		Production		Receipts ¹ (quantity)	Shipments and interplant transfers		Net shipments ² (quantity)
		Quantity	Value f. o. b. plant (incl. tax)		Quantity	Value f. o. b. plant (excl. tax)	
Petroleum products, total			2,497,235			6,745,717	
Gasoline, total.....	M bbls.	580,805	1,424,436	54,296	845,621	3,136,709	791,325
Aviation gasoline.....	do.	9,420	36,269	3,271	29,967	143,964	26,696
Automotive gasoline.....	do.			35,998	790,825	2,907,212	754,927
Other finished gasolines (including finished base stocks and blending agents).....	do.	571,385	1,388,167				
Naphtha solvents.....	do.			15,127	24,829	85,533	9,702
Kerosene (including range oil).....	do.	9,352	23,112	1,872	18,120	71,524	16,248
Distillate fuel oil, total.....	do.	64,526	112,065	6,317	114,450	342,997	108,133
Grade No. 1 (including P. S. 100).....	do.	(3)	(3)	24,670	341,907	918,291	317,237
Grades No. 2, 3, and 4 (incl. P. S. 200).....	do.	468,255	1,107,649	1,852	47,050	140,865	45,198
Diesel-type fuel oil (light).....	do.			17,958	218,867	572,837	200,909
Other distillate fuel oils (including light gas-enrichment oil).....	do.	94,586	130,467	3,693	58,013	156,152	54,320
Residual fuel oil, total.....	do.	(3)	(3)	1,167	17,977	48,437	16,810
Grade No. 5 (incl. Navy special and P. S. 300).....	do.			42,323	488,069	899,581	445,746
Grade No. 6 (incl. Bunker C and P. S. 400).....	do.	312,944	234,093	1,506	55,464	115,853	53,958
Diesel-type fuel oil (heavy).....	do.	(3)	(3)	36,531	387,862	698,552	351,331
Other residual fuel oils (including heavy gas-enrichment oil).....	do.	(3)	(3)	609	7,046	16,163	6,437
Lubricating oils, total.....	do.	(3)	(3)	3,677	37,697	69,013	34,020
Petroleum refining industry:				(3)	58,230	664,347	(3)
Refiners of new oils.....	do.	38,258	237,161	6,776	50,363	539,295	43,587
Re-refiners of used oils (including crank-case drainings).....	do.	193	1,250	30	682	6,627	652
Lubricants, n. e. c. industry.....	do.	(3)	25,511	1,798	6,898	110,909	5,100
Other manufacturing industries.....	do.	(3)	(3)	(3)	287	7,516	(3)
Lubricating-oil base stocks (for blend- ing, compounding, and grease manufacture), total.....	do.	(7)	(7)	11,971	12,342	108,621	371
Petroleum refining industry.....	do.	(7)	(7)	5,434	12,264	107,309	6,830
Lubricants, n. e. c. industry.....	do.			6,537	78	1,312	6,459
Lubricating greases, total.....	M lbs.	(3)	(3)	(3)	1,198,254	93,697	(3)
Petroleum refining industry:							
Refiners of new oils.....	do.	(3)	14,451	58,267	684,585	49,245	626,318
Re-refiners of used oils (including crank-case drainings).....	do.	(3)	(3)	224	1,978	191	1,754
Lubricants, n. e. c. industry.....	do.	285,124	16,275	20,639	506,204	43,462	485,565
Other manufacturing industries.....	do.	(3)	(3)	(3)	5,487	790	(3)
Asphalt, total.....			37,994			130,344	
200 penetration and over.....	M bbls.	14,498	17,142	963	24,782	61,646	23,819
Less than 200 penetration.....	M tons.	2,346	20,852	62	5,464	68,698	5,402
Petroleum waxes, total.....	M lbs.	(3)	19,485	73,832	1,233,458	76,005	1,159,626
Microcrystalline.....	do.	(3)	(3)	1,615	96,216	10,363	94,601
Refined and semi-refined crystal- line.....	do.	(3)	(3)	23,728	690,159	43,158	666,431
Crude-scale crystalline.....	do.	(3)	(3)	48,489	447,083	22,484	398,594
Liquefied gases, total ³	M bbls.	3,463	4,942	7,354	22,496	110,487	15,142
For direct automotive use (not in- cluded under gasoline).....	do.	(3)	(3)		162	410	
Chemical raw material (including synthetic rubber components).....	do.	(3)	(3)		9,549	83,007	
Other liquefied gases.....	do.	(3)	(3)		12,785	27,070	
Other finished petroleum products, total.....			69,466			87,069	
Still gas.....	Mill. cu. ft.	(3)	(3)	4	20,416	9,245	26,412
Road oil.....	M bbls.	6,020	8,539	85	9,053	19,131	8,968
Petrolatum.....	M lbs.	(3)	2,873	120,618	455,294	11,944	334,676
Petroleum coke.....	M tons.	1,522	4,987		1,619	12,444	1,619
Other finished petroleum products.....	M bbls.	(3)	53,067	375	4,571	34,305	4,196
Unfinished oils.....	do.	31,714	38,878	59,533	44,710	106,045	-14,823

¹ As billed by the shipper.

² Not available.

³ Figures for residual oils are included with figures for distillate oils.

⁴ Represents residual fuel oils except gas oils and diesel oils.

⁵ Lubricating-oil base stocks are probably included with lubricating oils.

⁶ Includes propane, butane, propane-butane mixtures, pentane, and other liquefied refinery gases. Receipts exclude liquefied petroleum gases from natural-gasoline plants.

⁷ Other finished products include still gas, residuum or tar, acid oil, and other refinery products.

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports.

No. 863.—ASPHALT—SUPPLY, DISTRIBUTION, AND VALUE: 1943 TO 1950

ITEM	1943	1944	1945	1946	1947	1948	1949	1950
SUPPLY (1,000 TONS OF 2,000 LBS.)								
Total.....	8,172	8,483	8,609	9,832	10,947	11,551	11,360	13,066
Native asphalt and related bitumens:								
Produced.....	886	790	704	846	1,072	1,136	1,202	1,251
Imported (chiefly lake asphalt).....	8	8	5	4	6	5	4	6
Petroleum asphalt (excluding road oil):								
Produced at refineries from domestic and foreign petroleum.....	6,757	6,996	7,127	8,166	8,961	9,440	8,910	10,589
Imported ¹	110	126	147	123	206	284	215	326
Stocks, Jan. 1.....	411	563	626	693	702	686	1,029	894
DISTRIBUTION (1,000 TONS OF 2,000 LBS.)								
Total.....	8,172	8,483	8,609	9,832	10,947	11,551	11,360	13,066
Native asphalt and related bitumens:								
Indicated domestic demand.....	851	752	657	819	1,048	1,127	1,189	1,238
Exports (unmanufactured).....	35	37	47	27	24	14	17	19
Petroleum asphalt (excluding road oil):								
Indicated domestic demand (incl. lake asphalt).....	6,637	6,949	6,999	7,888	8,633	9,111	9,028	10,704
Exports.....	86	119	213	396	556	270	234	143
Stocks, Dec. 31.....	563	626	693	702	686	1,029	894	962
VALUE (1,000 DOLLARS)								
Native asphalt and related bitumens:								
Sales.....	4,288	3,688	3,816	4,262	5,503	5,026	5,569	5,297
Imports (chiefly lake asphalt).....	222	254	122	92	243	167	88	136
Exports (unmanufactured).....	819	730	1,207	974	1,065	559	823	931
Petroleum asphalt (excluding road oil):								
Sales ²	78,863	75,715	78,876	93,991	127,869	178,788	162,438	177,564
Imports ¹	659	726	842	771	1,092	2,419	2,615	3,481
Exports.....	2,147	2,606	5,172	9,708	14,208	8,985	7,402	4,512

¹ Includes cut-backs and road oil.² Excludes export sales.

No. 864.—GYPSUM—SUPPLY, SALES, IMPORTS, AND EXPORTS: 1943 TO 1950

[Quantities in thousands of short tons; values in thousands of dollars. See also *Historical Statistics*, series G 67-68, for gypsum mined and total gypsum products sold]

ITEM	1943	1944	1945	1946	1947	1948	1949	1950
Active establishments ¹	85	77	75	80	93	95	88	87
Crude gypsum: ²								
Mined.....	3,878	3,761	3,812	5,629	6,208	7,255	6,608	8,193
Imported.....	231	342	509	1,457	2,157	2,859	2,593	3,191
Apparent supply.....	4,109	4,104	4,320	7,087	8,365	10,114	9,201	11,383
Calcined gypsum produced: ³								
Short tons.....	2,558	2,363	2,485	4,170	5,011	6,243	5,767	7,341
Value.....	14,752	13,841	14,474	29,273	38,726	48,145	45,455	60,480
Gypsum products sold, total value ³	59,097	55,700	60,149	97,195	128,415	176,834	158,746	206,177
Uncalcined uses:								
Short tons.....	1,234	1,056	1,148	1,641	1,950	2,226	1,990	2,218
Value.....	3,115	2,954	3,433	5,106	7,012	7,927	7,127	7,912
Industrial uses:								
Short tons.....	164	200	158	207	207	219	212	266
Value.....	2,259	2,551	2,326	3,161	3,430	3,731	3,562	4,530
Building uses, value.....	53,723	50,196	54,390	88,928	117,973	165,176	148,057	193,735
Gypsum and gypsum products:								
Imported for consumption, value.....	304	395	549	1,833	2,522	3,115	2,851	3,564
Exported, value.....	284	490	1,503	1,065	1,600	1,317	1,936	1,046

¹ Each mine, plant, or combination mine and plant is counted as one establishment.² Excludes byproduct gypsum.³ Made from domestic, imported, and byproduct crude gypsum.Source of tables 863 and 864: Department of the Interior, Bureau of Mines; *Minerals Yearbook*

No. 865.—CEMENT—PRODUCTION: 1910 TO 1950

[Figures include Puerto Rico beginning 1940 and Hawaii beginning 1945. See also *Historical Statistics*, series G 65-66]

ITEM	1910	1920	1930	1940	1945	1948	1949	1950
Production of finished cement, total								
1,000 bbl.....	77,785	100,790	162,989	132,751	104,289	208,889	212,912	230,272
Portland.....do.....	76,550	100,023	161,197	130,216	102,805	205,449	209,727	226,026
Masonry, natural, and puzzolan (slag-lime).....1,000 bbl.....	1,235	1,767	1,792	2,535	1,484	3,440	3,185	4,246
Active plants:								
Portland.....number.....	111	117	163	152	145	150	150	150
Masonry, natural, and puzzolan (slag-lime).....number.....	23	9	11	12	9	9	9	9
Shipments, total.....1,000 bbl.....	(2)	97,079	160,846	132,864	107,833	207,680	209,314	231,975
Portland.....do.....	(2)	96,312	159,059	130,350	106,354	204,305	206,080	227,757
Value.....\$1,000.....	(2)	194,439	228,780	190,078	173,337	445,678	473,177	535,321
Per barrel.....dollars.....	(2)	2.02	1.44	1.46	1.63	2.18	2.30	2.35
Masonry, natural, and puzzolan (slag-lime).....1,000 bbl.....	(2)	767	1,787	2,514	1,479	3,375	3,234	4,218
Value.....\$1,000.....	(2)	1,151	2,470	3,387	2,094	7,734	8,006	10,630
Per barrel.....dollars.....	(2)	1.50	1.38	1.35	1.42	2.29	2.48	2.52
Stocks at mills, Dec. 31 (finished portland cement).....1,000 bbl.....	(2)	8,833	25,899	23,355	16,625	11,304	14,758	13,028
Imports.....do.....	307	525	985	538	(3)	283	110	1,394
Exports.....do.....	2,476	2,986	756	1,668	6,475	5,922	4,562	2,418
World production.....do.....	(2)	(2)	416,880	474,927	290,233	595,125	671,934	771,024

¹ Shipments. ² Not available. ³ Less than 500 bbls.

Source: Department of the Interior, Bureau of Mines, *Minerals Yearbook*.

No. 866.—PORTLAND CEMENT—PRODUCTION, BY STATES: 1910 TO 1950

[In thousands of barrels of 376 pounds]

STATE	1910	1920	1930	1935	1940	1945	1949	1950
Production, total.....	76,550	100,023	161,197	76,742	130,217	102,805	209,727	226,026
Alabama.....	¹ 1,481	1,132	4,821	2,498	5,122	5,542	9,722	10,372
California.....	¹ 6,886	7,098	10,124	7,974	14,216	15,952	23,218	26,277
Illinois.....	4,459	5,539	7,935	3,368	4,975	4,867	8,128	7,924
Iowa.....	² 2,010	4,849	7,088	3,520	4,606	3,194	6,834	7,416
Kansas.....	5,656	4,341	6,012	2,337	3,433	3,001	7,825	8,616
Michigan.....	3,688	4,891	11,511	4,579	8,603	5,839	12,768	12,967
Missouri.....	4,456	6,018	7,809	3,392	4,968	3,185	8,792	9,778
New York.....	3,296	5,885	10,373	4,285	8,437	⁶ 5,617	⁶ 13,839	⁶ 14,196
Ohio.....	1,528	1,730	8,632	3,876	6,664	4,604	10,313	10,607
Pennsylvania.....	26,676	28,269	37,844	15,502	26,853	15,564	38,122	38,646
Tennessee.....	(7)	(7)	3,875	2,703	3,808	2,882	6,078	6,685
Texas.....	² 2,287	2,562	6,782	3,787	7,375	8,037	14,950	17,150
Other States.....	14,627	27,659	38,393	18,925	¹ 31,156	¹² 25,022	¹ 49,139	¹ 56,392

¹ Includes production of Puerto Rico.

² Includes production of Hawaii.

³ Includes Georgia and Tennessee.

⁴ Includes figures for Alabama for 1910; "Other States," 1920.

⁵ Includes Washington.

⁶ Includes Kentucky and West Virginia.

⁷ Includes Maine.

⁸ Includes Oklahoma.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

No. 867.—OPEN-MARKET LIME—PRODUCTION, BY TYPE AND USE, EXPORTS AND IMPORTS: 1930 TO 1950

[Includes only small quantities of captive tonnage. See also *Historical Statistics*, series G 69-70 for production and value data]

ITEM	1930	1935	1940	1945	1948	1949	1950
Active plants.....number.....	375	301	314	189	181	180	168
Quantity sold by producers.....1,000 short tons.....	3,388	2,987	4,887	5,921	7,264	6,318	7,478
Value.....\$1,000.....	25,616	21,749	33,956	45,918	75,163	69,319	83,248
Per ton.....	\$7.56	\$7.28	\$6.95	\$7.76	\$10.35	\$10.97	\$11.13
By type:							
Quicklime.....1,000 short tons.....	2,058	1,981	3,501	4,566	5,441	4,624	5,593
Hydrated.....do.....	1,330	1,006	1,386	1,355	1,823	1,694	1,885
By use:							
Agricultural.....do.....	343	283	365	374	323	328	333
Building.....do.....	1,205	657	1,010	550	1,141	1,052	1,249
Chemical and industrial.....do.....	1,488	1,592	2,644	3,810	4,255	3,619	4,137
Refractory (dead-burned dolomite).....do.....	352	455	868	1,187	1,545	1,319	1,759
Imports for consumption.....do.....	24	12	9	21	36	34	34
Value.....\$1,000.....	357	236	82	179	541	654	634
Exports.....1,000 short tons.....	15	4	32	24	63	60	50
Value.....\$1,000.....	192	64	312	269	865	937	826

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

No. 868.—SAND AND GRAVEL—QUANTITY SOLD OR USED BY PRODUCERS AND VALUE: 1930 TO 1950

[See also *Historical Statistics*, series G 71-72]

ITEM	1930	1935	1940	1945	1948	1949	1950
Sand and gravel, total.....1,000 short tons.....	197,052	123,924	238,308	195,524	319,266	319,104	370,455
Building.....do.....	46,605	32,182	68,036	61,563	115,032	113,833	132,873
Paving.....do.....	84,176	68,414	143,188	93,664	168,650	175,253	204,242
Other.....do.....	66,271	23,328	27,114	40,297	35,564	30,018	33,340
Value.....\$1,000.....	115,177	61,977	110,688	128,837	252,498	248,443	295,040
Average per ton.....dollars.....	.58	.50	.46	.66	.79	.78	.80
Commercial sand.....1,000 short tons.....	81,754	37,776	63,980	65,077	109,796	108,008	124,982
Value.....\$1,000.....	48,894	25,097	40,526	52,431	103,651	101,710	120,350
Average per ton.....dollars.....	.60	.66	.63	.81	.94	.94	.96
Noncommercial (government-and-contractor) sand.....1,000 short tons.....	1,905	2,658	14,744	6,649	8,865	9,028	13,918
Value.....\$1,000.....	828	770	4,806	2,426	4,263	3,779	5,961
Average per ton.....dollars.....	.43	.29	.33	.36	.48	.42	.43
Commercial gravel.....1,000 short tons.....	95,126	46,831	67,326	87,061	123,707	123,197	132,574
Value.....\$1,000.....	58,475	26,147	37,745	57,992	107,668	109,626	120,974
Average per ton.....dollars.....	.61	.66	.66	.67	.87	.89	.91
Noncommercial (government-and-contractor) gravel.....1,000 short tons.....	18,267	36,659	92,308	36,737	76,898	78,871	98,981
Value.....\$1,000.....	6,980	9,964	27,612	15,989	36,915	33,328	47,755
Average per ton.....dollars.....	.38	.27	.30	.44	.48	.42	.48

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

No. 869.—SALT—PRODUCTION, BY STATES AND BY KIND, EXPORTS, AND IMPORTS: 1880 TO 1950

[In short tons (2,000 pounds). Production figures represent sales plus that used by producers; they include Puerto Rico. Imports are imports for consumption. See also *Historical Statistics*, series G 81-82 for production]

YEAR	Production	Exports	Imports	YEAR	Production	Exports	Imports
1880.....	834,548	1,642	509,703	1930.....	8,054,440	70,478	54,021
1890.....	1,242,779	2,464	257,323	1935.....	7,926,897	112,213	51,245
1900.....	2,921,708	7,511	199,909	1940.....	10,359,960	147,044	30,402
1905.....	3,635,257	34,238	161,159	1945.....	16,394,141	190,524	4,553
1910.....	4,242,792	49,013	137,103	1947.....	16,053,882	188,307	1,910
1915.....	5,352,409	80,474	122,326	1948.....	16,403,293	387,601	5,621
1920.....	6,840,029	139,272	137,654	1949.....	15,572,215	359,776	6,309
1925.....	7,397,500	155,079	85,788	1950.....	16,629,809	190,377	7,869

STATE OR KIND	1925	1930	1935	1940	1945	1948	1949	1950
Production, total.....	7,397,500	8,054,440	7,926,897	10,359,960	15,394,141	16,403,293	15,572,215	16,629,809
Michigan.....	2,172,600	2,558,290	2,128,171	2,863,035	4,285,493	4,387,879	4,064,106	4,446,667
New York.....	2,053,970	2,009,280	1,927,822	2,117,671	2,862,224	3,065,831	2,951,750	2,806,927
Ohio.....	1,173,590	1,311,440	1,487,315	2,080,133	2,764,926	2,752,696	2,195,778	2,515,205
Kansas.....	812,540	759,800	608,204	684,053	855,806	831,756	832,442	846,374
Louisiana.....	500,350	535,250	702,990	1,132,594	1,867,689	2,223,249	2,030,076	2,278,811
California.....	292,480	350,370	356,222	469,594	694,609	914,035	964,807	868,496
Texas.....	(2)	(2)	268,809	402,165	1,100,791	1,354,109	1,641,171	1,852,138
Utah.....	88,150	85,240	57,625	71,472	122,997	113,779	78,611	116,694
West Virginia.....	25,870	28,670	65,968	144,312	370,260	246,732	355,515	367,942
Other States.....	277,950	416,100	323,771	395,171	469,346	513,227	457,959	530,555
By kind:								
Manufactured (evaporated).....	2,235,170	2,358,610	2,330,042	2,782,741	3,182,570	3,207,403	3,284,361	3,329,288
In brine.....	2,819,690	3,718,460	3,837,613	5,311,671	8,705,831	9,349,044	8,843,513	9,373,254
Rock salt.....	2,342,640	1,977,370	1,759,242	2,265,548	3,505,740	3,846,846	3,444,341	3,927,267
Total value ¹ (dollars).....	26,162,361	25,009,480	21,837,911	26,474,619	43,914,406	54,331,782	53,626,238	59,911,343

¹ Excludes 96,479 tons shipped under U. S. Army Civilian Supply Program.

² Included in "Other States."

³ F. o. b. mine or refinery; values exclude cost of cooorage or containers.

No. 870.—STONE—SALES, BY KIND AND BY USE: 1930 TO 1950

[See also *Historical Statistics*, series G 75-76 for total]

VARIETY AND USE	QUANTITY SOLD, THOUSANDS OF SHORT TONS ¹							VALUE (1,000 DOLLARS)		
	1930	1935	1940	1945	1948	1949	1950	1948	1949	1950
Total.....	126,996	83,159	153,733	153,405	225,535	224,027	252,113	328,985	341,442	390,582
By kind:										
Granite.....	10,048	6,014	10,880	7,740	13,686	16,944	22,553	38,808	42,567	52,221
Basalt and related rocks.....	14,532	9,672	15,716	14,911	20,654	21,386	22,895	29,017	30,486	34,373
Sandstone.....	4,594	3,010	6,499	4,387	7,290	6,955	9,101	18,049	19,306	23,787
Marble.....	477	132	240	171	276	240	287	10,421	12,293	10,932
Limestone.....	88,741	57,493	112,658	112,574	166,742	163,746	180,919	215,451	222,513	252,756
All other.....	8,604	6,838	7,740	13,622	16,887	14,756	16,378	16,339	13,677	16,513
By use:										
Building stone.....	2,322	831	836	382	981	916	1,229	24,909	29,011	36,665
Monumental.....	291	180	196	251	307	258	244	20,541	18,758	17,825
Paving blocks.....	294	78	19	1	3	2	4	33	27	51
Curbing.....	262	69	72	13	63	59	78	1,382	1,689	2,430
Flagging.....	82	24	68	21	41	45	57	585	652	878
Rubble.....	1,066	279	916	390	276	339	247	574	709	615
Riprap.....	4,292	4,919	5,264	4,801	5,707	7,568	6,898	7,553	9,830	7,807
Crushed stone.....	87,111	54,755	100,268	85,373	139,723	141,421	165,722	166,196	173,735	209,814
Furnace flux (limestone).....	17,091	12,192	22,872	27,640	34,902	30,752	35,970	34,250	32,268	37,932
Refractory stone.....	1,197	866	1,741	2,527	2,557	1,828	2,158	6,531	5,764	5,849
Agricultural (limestone).....	2,542	2,140	8,724	17,396	20,942	21,483	19,349	32,035	33,251	30,393
Other uses.....	10,446	6,826	12,787	14,610	20,033	19,356	20,157	34,396	34,848	40,323

¹ Quantities of stones not sold by short ton are expressed in approximate equivalents in short tons; expressed in their selling units, quantities for 1950 are as follows: Building stone (cut stone, slabs, and mill blocks), 12,896,640 cubic feet; monumental stone, 2,962,830 cubic feet; paving blocks, 347,590 (number); curbing, 950,040 cubic feet; and flagging, 712,580 cubic feet.

Source of tables 869 and 870: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

No. 871.—SULFUR AND PYRITES—PRODUCTION, EXPORTS, AND IMPORTS: 1930 TO 1950

[See also *Historical Statistics*, series G 83-86]

ITEM	1930	1935	1940	1945	1948	1949	1950
SULFUR							
Production of crude sulfur.....1,000 long tons..	2,559	1,633	2,732	3,753	4,869	4,745	5,192
Value.....\$1,000..	46,036	29,256	43,659	60,013	87,646	85,410	98,080
Price per long ton f. o. b. mines.....	\$18	\$18	\$16	\$10	\$18	\$18	\$18-22
Shipments of crude sulfur.....1,000 long tons..	1,990	1,635	2,559	3,833	4,079	4,789	5,505
For domestic consumption.....do.....	1,397	1,233	1,812	2,915	3,716	3,358	4,064
Per export.....do.....	593	402	746	919	1,263	1,431	1,441
Imports (ore and other).....do.....	(¹)	2	28	(¹)	(¹)	(¹)	(¹)
Exports of treated sulfur.....do.....	12	11	20	24	33	30	38
PYRITES							
Production.....1,000 long tons..	348	514	627	723	929	888	931
Sulfur content.....percent..	35.7	39.5	41.8	41.0	41.8	42.6	42.2
Value.....\$1,000..	1,029	1,583	1,920	2,700	3,950	3,904	4,059
Imports.....1,000 long tons..	355	397	407	187	107	121	209

¹ Less than 500 long tons.Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

No. 872.—IRON ORE—SUMMARY: 1910 TO 1950

[In thousands of long tons, except as indicated. Nearly all exports are to Canada. Data exclude ore containing 5 percent or more of manganese. See also *Historical Statistics*, series G 93-95]

ITEM	1910	1920	1930	1940	1945	1948	1949	1950
Production, total.....	57,015	67,604	58,409	73,696	88,376	101,003	84,937	98,045
By districts:								
Lake Superior.....	46,420	57,945	49,383	61,471	74,821	82,630	68,494	79,627
Southeastern.....	6,895	6,768	5,838	17,444	6,330	8,365	7,602	7,507
Northeastern.....	2,605	2,096	2,249	3,560	3,620	4,423	3,864	4,475
Western.....	1,095	795	939	11,221	3,088	5,105	4,442	5,801
Undistributed (byproduct ore).....	(²)	(²)	(²)	(²)	517	480	536	575
By types of ore:								
Hematite.....	51,367	63,883	55,266	68,870	81,295	90,686	76,263	87,158
Brown ore.....	2,994	1,326	720	935	943	2,176	1,546	2,615
Magnetite.....	2,632	2,301	2,421	3,891	5,621	7,661	6,593	7,697
Carbonate.....	22	4	1	1	1			
Byproduct material (pyrites cinder and sinter).....	(²)	(²)	(²)	(²)	517	480	536	575
Number of mines.....	191	403	208	230	199	215	221	247
Shipments.....	(²)	69,281	55,201	75,198	88,137	100,822	84,687	97,764
Value.....\$1,000..	(²)	285,006	145,619	189,087	243,761	394,461	381,516	487,990
Average value per ton at mine.....	(²)	\$4.11	\$2.64	\$2.51	\$2.77	\$3.91	\$4.50	\$4.99
Stocks at mines, Dec. 31.....	9,422	11,379	10,383	3,614	4,432	6,285	5,334	5,726
Imports.....	2,591	1,273	2,775	2,479	1,198	6,109	7,402	8,232
Value.....\$1,000..	7,832	4,964	8,113	6,205	4,114	27,330	36,791	43,764
Exports.....	749	1,145	752	1,386	2,063	3,081	2,425	2,550
Value.....\$1,000..	2,474	6,199	2,734	4,625	6,688	13,745	14,654	15,737
World production (estimated) 1,000 metric tons.....	133,000	116,300	178,400	212,000	162,000	217,000	220,000	245,000

¹ Texas included with Southeastern district.² Not available.Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook* and records.

**No. 873.—MANGANESE (INCLUDING FERROMANGANESE AND SPIEGELEISEN)—
SUMMARY: 1910 TO 1950**

[Gross weight in short tons]

ITEM	1910	1920	1930	1940	1945	1948	1949	1950
Manganese ore (35 percent or more Mn):								
Mine shipments.....	2,529	105,750	75,079	44,936	182,337	131,100	126,135	134,451
Metallurgical ore.....	(¹)	(¹)	59,725	30,418	174,295	119,828	110,928	122,944
Battery ore.....	(¹)	(¹)	13,168	10,383	8,042	10,845	14,983	11,507
Miscellaneous.....	(¹)	(¹)	2,186	4,137	—	427	224	—
General imports.....	271,430	671,736	655,836	1,449,634	1,461,945	1,256,597	1,544,684	1,884,925
Consumption.....	(¹)	(¹)	(¹)	(¹)	1,485,859	1,538,398	1,860,042	1,650,429
World production (estimate).....	2,173,000	1,801,000	3,848,000	6,238,000	4,670,000	4,600,000	5,300,000	6,100,000
Ferromanganese:								
Domestic production.....	253,362	309,785	307,810	514,682	610,760	647,617	577,345	719,680
Imports for consumption.....	127,985	66,364	49,321	11,613	35,521	98,220	65,014	100,948
Exports.....	—	3,868	6,932	14,600	18,836	19,696	6,627	580
Consumption.....	(¹)	(¹)	(¹)	(¹)	641,622	670,774	617,646	774,852
Spiegeleisen:								
Domestic production.....	(²)	116,113	97,506	114,119	139,039	112,610	78,167	42,375
Imports for consumption.....	28,429	5,862	15,015	17,455	3,146	—	1,737	8,595
Exports.....	—	(¹)	(¹)	(¹)	2,393	51	—	363
Consumption.....	(¹)	(¹)	(¹)	(¹)	148,087	102,392	75,841	76,280

¹ Not available.

² Production of spiegeleisen included with that of ferromanganese.

³ Manganese content; gross weight not reported.

⁴ Exports of spiegeleisen included with those of ferromanganese.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

**No. 874.—CHROMITE—PRODUCTION, CONSUMPTION, IMPORTS, AND EXPORTS:
1930 TO 1950**

[Quantities in short tons; values in thousands of dollars. See also *Historical Statistics*, series G 106-107 for figures on shipments]

ITEM	1930	1935	1940	1945	1947	1948	1949	1950
Total supply.....	365,901	290,727	739,594	939,860	1,107,128	1,545,744	1,204,285	1,304,117
Domestic production (shipments).....	90	577	2,982	13,973	948	2,619	433	404
Value.....	2	6	29	532	(¹)	(¹)	12	(¹)
Imports for consumption.....	365,811	290,150	736,612	925,887	1,106,180	1,542,125	1,203,852	1,303,713
Value.....	3,513	3,604	8,755	17,530	18,867	33,010	24,200	23,288
Consumption by industry.....	(¹)	(¹)	562,915	808,120	833,357	875,033	672,773	980,369
Exports.....	(¹)	(¹)	(¹)	12,366	3,435	2,894	2,382	2,044

¹ Figure not available or Bureau of Mines not at liberty to publish.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

No. 875.—NICKEL—PRODUCTION, PRICE, IMPORTS AND EXPORTS: 1930 TO 1950

ITEM	1930	1935	1940	1945	1948	1949	1950
Production:							
Primary.....short tons.....	308	160	554	1,155	883	790	913
Secondary.....do.....	2,900	1,950	4,152	6,483	8,850	5,680	8,795
Imports (gross weight) ¹.....do.....	30,143	37,848	92,468	122,528	106,939	97,144	97,267
Exports (gross weight) ².....do.....	1,420	2,193	11,994	3,876	8,184	4,471	3,645
Price per pound ³.....cents.....	35	35	35	31½	33¾-40	40	40-50½
World production (approx.).....short tons.....	59,700	85,300	154,000	160,000	166,000	161,000	160,000

¹ Excludes "All other manufactures of nickel"; weight not recorded.

² Excludes "Manufactures"; weight not recorded.

³ Price quoted by International Nickel Co., Inc., for electrolytic nickel.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

No. 876.—TUNGSTEN—PRODUCTION, IMPORTS, AND CONSUMPTION: 1930 TO 1950

[See also *Historical Statistics*, series G 108-109]

ITEM	1930	1935	1940	1945	1948	1949	1950
Production:							
Concentrates, 60 percent WO ₃.....short tons..	(1)	(1)	5,120	5,662	4,238	3,043	4,166
Tungsten content.....1,000 lb..	(1)	(1)	4,873	5,389	4,033	2,896	3,965
Shipments from mines:							
Concentrates, 60 percent WO ₃.....short tons..	702	2,395	5,319	5,534	4,033	2,765	4,820
Tungsten content.....1,000 lb..	668	2,279	5,062	5,267	3,838	2,632	4,688
Reported value f. o. b. mines.....\$1,000..	509	1,921	6,576	7,693	6,355	4,377	8,171
Average per pound of tungsten.....	\$0.76	\$0.84	\$1.30	\$1.46	\$1.66	\$1.66	\$1.78
Imports (tungsten content):							
General.....1,000 lb..	(1)	(1)	9,666	8,639	9,748	7,357	8,342
For consumption.....do	3,998	892	5,611	4,774	7,548	6,274	16,147
Consumption (tungsten content).....do	4,642	2,372	9,955	14,146	8,853	4,958	6,597
Industry stocks, end of year (tungsten content) 1,000 lb..	(1)	(1)	2,897	4,341	5,848	5,056	5,338
World production.....metric tons ² ..	16,652	22,458	43,592	22,802	33,640	27,100	30,150

¹ Not available.² Metric tons of concentrates containing 60 percent WO₃.Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.No. 877.—MOLYBDENUM CONCENTRATES—PRODUCTION, CONSUMPTION, AND STOCKS:
1920 TO 1950

[In thousands of pounds of contained molybdenum, except as indicated]

ITEM	1920	1930	1940	1945	1948	1949	1950
Production.....	(1)	3,723	34,313	30,802	26,706	22,530	28,480
Shipments from mines.....	35	3,759	25,329	33,683	29,669	23,280	44,544
Price per pound ².....dollars..	1.23	³ 0.73	0.75	0.75	0.75	0.90	0.91
Exports ⁴	(1)	(1)	6,585	2,863	4,132	5,320	6,235
Imports for consumption ⁵	(1)	145	204	204		48	3
Consumption.....	(1)	(1)	(1)	32,696	25,156	19,960	26,029
Stocks (industry), Dec. 31 ⁷	(1)	(1)	(1)	16,883	21,206	19,159	4,000
World production (estimate).....	(1)	(1)	37,919	35,053	29,983	25,353	31,746

¹ Not available.² Per pound of molybdenum contained. Source: *Engineering & Mining Journal*.³ 1930 price, July to December only.⁴ Includes roasted concentrates.⁵ Excludes imports for conversion and reexports as follows: 460,000 pounds in 1945, none in 1948-50.⁶ Content not recorded for the 16,000 pounds of molybdenum ore imported.⁷ At mines and at plants making molybdenum products.Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

No. 878.—GOLD AND SILVER—PRODUCTION, BY STATES AND OTHER AREAS:
1930 TO 1950

[Includes production of Alaska, Puerto Rico, and through 1945, Philippine Islands. See also *Historical Statistics*, series G 118-121, for data excluding Puerto Rico and Philippine Islands]

STATE OR OTHER AREA	GOLD (1,000 FINE OUNCES)					SILVER (1,000 FINE OUNCES)				
	1930	1940	1945	1949	1950	1930	1940	1945	1949	1950
Total	2, 286	6, 003	929	1, 922	2, 289	50, 748	69, 586	29, 063	34, 945	42, 309
Alaska.....	407	757	60	227	276	392	173	9	43	50
Arizona.....	149	299	78	109	111	4, 910	6, 130	3, 411	4, 978	5, 089
California.....	450	1, 444	143	405	410	1, 434	2, 225	950	793	1, 000
Colorado.....	218	369	102	102	124	4, 852	9, 378	2, 407	2, 852	3, 343
Idaho.....	21	145	19	67	69	9, 710	17, 477	8, 228	9, 922	15, 993
Illinois.....										
Michigan.....						11	90	20	2	(1)
Missouri.....								21	58	233
Montana.....	47	273	42	48	57	8, 597	12, 152	5, 494	6, 707	7, 178
Nevada.....	140	380	91	125	170	4, 179	5, 102	1, 156	1, 878	1, 634
New Mexico.....	32	39	13	8	7	1, 160	1, 576	654	516	365
New York.....										33
Oregon.....	14	114	1	15	10	10	192	12	14	12
Pennsylvania.....					2					11
South Dakota.....	406	587	41	454	572	105	171	41	106	143
Tennessee.....					(1)					26
Texas.....	(1)	(1)		(1)	(1)	469	1, 295	21	5	4
Utah.....	209	352	271	300	392	14, 451	11, 686	6, 244	6, 574	6, 799
Vermont.....					(1)					28
Virginia.....										(1)
Washington.....	4	84	53	60	89	30	389	288	405	358
Wyoming.....					(1)					3
Philippine Islands.....	185	1, 140	13	(2)	(2)	121	1, 299	17	(2)	(2)
Other.....	3	20	2	2		317	251	90	92	

¹ Less than 500 ounces.

² Excluded after 1945.

Source: Treasury Department, Bureau of the Mint; *Annual Report of the Director*.

No. 879.—GOLD AND SILVER—PRODUCTION, PRICE, IMPORTS, AND EXPORTS: 1910 TO 1950

[See also *Historical Statistics*, series G 118-121]

ITEM	1910	1920	1930	1940	1945	1948	1949	1950
Mine production:								
Gold.....1,000 fine ounces..	4,585	2,383	2,139	4,870	955	2,014	1,992	2,394
Silver.....do.....	57,599	56,537	47,725	70,436	29,024	38,096	34,675	42,459
Value of production:								
Gold.....1,000 dollars..	94,778	49,261	44,211	170,448	33,410	70,499	69,712	83,798
Silver.....do.....	31,102	61,625	18,374	50,088	20,639	34,479	31,383	38,425
Ore (dry and siliceous) produced: ¹								
Gold ore.....1,000 short tons..	9,646	8,590	7,767	16,550	1,364	3,261	3,376	3,584
Gold-silver ore.....do.....				948	277	570	412	433
Silver ore.....do.....				1,201	343	371	477	627
Net industrial consumption:								
Gold.....1,000 dollars..	34,161	50,181	15,178	13,306	108,944	44,986	108,842	97,846
Silver.....1,000 fine ounces..	23,187	19,280	26,874	44,409	126,300	105,289	88,000	110,000
Imports:								
Gold.....1,000 dollars..	66,549	417,068	396,054	4,749,467	93,718	1,981,175	771,390	162,749
Silver.....do.....	48,401	88,060	42,761	58,434	27,278	70,885	73,536	110,035
Exports:								
Gold.....do.....	47,425	322,091	115,967	4,995	199,968	300,771	84,936	534,036
Silver.....do.....	71,902	113,616	54,157	3,674	90,937	12,400	23,281	6,202
Price, average per fine ounce: ²								
Gold.....	\$20.67	\$20.67	\$20.67	\$35.00	\$35.00	\$35.00	\$35.00	\$35.00
Silver.....	\$0.542	\$1.019	\$0.385	\$0.711	\$0.711	\$0.905	\$0.905	\$0.905
World production:								
Gold.....1,000 fine ounces..	(3)	(3)	20,800	42,300	26,100	29,800	30,800	31,600
Silver.....do.....	(3)	173,300	248,700	275,400	162,000	173,400	174,000	192,000

¹ Gold and silver are also produced from base-metal ores and placers. In 1950, dry and siliceous ores accounted for 43 percent of gold produced and 33 percent of silver.

² Treasury buying price, except for silver prices for 1910-30 which represent New York price.

³ Not available.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

No. 880.—GOLD AND SILVER FOR USE IN MANUFACTURES AND THE ARTS: 1880 TO 1950

YEARLY AVERAGE OR YEAR	GOLD (\$1,000) ¹			SILVER (1,000 FINE OUNCES)		
	Total amount of material issued	Amount of old material returned from use	Net material issued	Total amount of material issued	Amount of old material returned from use	Net material issued
1880.....	10,105	1,294	8,811	2,794	204	2,590
1881-1885.....	12,568	1,863	10,706	4,155	315	3,840
1886-1890.....	16,041	4,029	12,012	5,662	676	4,986
1891-1895.....	16,508	5,060	11,448	7,997	951	7,046
1896-1900.....	16,965	4,067	12,899	10,214	1,200	9,014
1901-1905.....	28,496	6,778	21,718	19,526	3,002	16,524
1906-1910.....	38,149	7,708	30,441	24,553	3,669	20,884
1911-1915.....	40,588	9,967	30,621	30,444	6,928	23,516
1916-1920.....	61,864	22,033	39,831	31,214	9,126	22,089
1921-1925.....	59,596	29,275	30,321	36,805	8,189	28,616
1926-1930.....	55,197	30,450	24,747	38,461	10,325	28,137
1931-1935.....	21,288	41,389	² 20,101	33,631	20,353	13,278
1936-1940.....	36,543	82,393	4,150	52,481	21,249	31,232
1941-1945.....	100,669	25,323	75,376	149,455	41,794	107,662
1941.....	67,977	30,975	37,002	92,794	20,285	72,509
1942.....	75,742	28,448	47,295	131,419	30,021	101,399
1943.....	96,864	10,521	86,343	162,113	44,113	118,000
1944.....	122,977	25,679	97,298	176,289	56,189	120,100
1945.....	139,936	30,992	108,944	184,661	58,361	126,300
1946.....	199,687	46,000	153,687	123,647	36,647	87,000
1947.....	98,130	49,230	48,900	126,366	27,866	98,500
1948.....	90,129	45,143	44,986	129,186	23,897	105,289
1949.....	148,975	40,133	108,842	110,660	22,660	88,000
1950.....	134,588	36,742	97,846	³ 155,257	45,257	110,000

¹ Value prior to 1934 calculated on basis of \$20.67+ per fine ounce; in 1934 and thereafter, \$35.00 per fine ounce.

² Amount of old material returned from use exceeds total amount of material issued.

³ There were no sales of silver, under authority of Act of July 31, 1946, during calendar year 1950.

Source: Treasury Department, Bureau of the Mint; *Annual Report of the Director*.

No. 881.—COPPER—PRODUCTION, EXPORTS, IMPORTS, AND CONSUMPTION: 1910 TO 1950

In short tons. Production figures cover United States and Alaska. See also *Historical Statistics*, series G 112-113]

ITEM	1910	1920	1930	1935	1940	1945	1949	1950
Primary production:								
Mine production.....	544, 119	612, 275	705, 074	380, 491	878, 086	772, 894	752, 750	909, 343
Smelter production from domestic ores.....	540, 080	604, 530	697, 195	381, 294	909, 084	782, 726	757, 931	911, 352
Value (\$1,000).....	137, 180	222, 467	181, 271	63, 295	205, 453	184, 723	298, 625	379, 122
Refinery production, total.....	711, 019	768, 083	1, 078, 530	588, 805	1, 313, 556	1, 108, 599	927, 927	1, 239, 834
From domestic ores.....	535, 947	591, 212	605, 612	338, 321	927, 239	775, 738	695, 015	920, 748
From foreign ores, matte, and blister.....	175, 072	171, 871	382, 918	250, 484	386, 317	332, 861	232, 912	319, 086
Secondary production, total.....	94, 500	312, 460	467, 200	448, 900	532, 046	1, 006, 516	713, 143	977, 239
From new (purchased) scrap.....	30, 000	143, 500	125, 000	87, 200	198, 156	509, 421	329, 595	402, 028
From old scrap.....	64, 500	168, 960	342, 200	361, 700	333, 890	497, 095	383, 548	485, 211
Imports (unmanufactured) ²	172, 218	242, 835	408, 577	257, 182	491, 342	853, 196	552, 709	690, 231
Refined.....	(³)	54, 372	43, 105	18, 071	68, 337	531, 367	275, 811	317, 050
Exports of metallic copper ⁴		311, 579	376, 557	295, 198	427, 650	132, 555	195, 990	192, 339
Refined (ingots, bars, rods, etc.).....	⁵ 354, 158	275, 613	334, 626	275, 006	377, 108	⁷ 48, 563	⁷ 137, 827	⁷ 144, 561
Withdrawn on domestic account: ⁸								
New refined copper.....	366, 203	526, 919	632, 508	441, 371	1, 008, 785	1, 415, 000	1, 072, 000	1, 447, 000
New and old copper.....	460, 700	839, 500	1, 099, 500	890, 000	1, 541, 000	⁹ 1, 012, 000	⁹ 1, 456, 000	⁹ 1, 932, 000
Stocks, refined copper, Dec. 31.....	61, 402	328, 500	307, 500	175, 000	91, 500	130, 000	61, 000	26, 000
World smelter production, new copper.....	946, 000	1, 057, 000	1, 760, 000	1, 681, 000	2, 734, 000	2, 436, 000	2, 640, 000	2, 962, 000

¹ Excludes bonus payments of Office of Metal Reserve.

² 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.

³ Not separately recorded.

⁴ Total exports of copper, exclusive of ore, concentrate, composition metal, and unrefined copper. Exclusive also of "other manufactures of copper," for which quantity figures are not recorded.

⁵ Includes unrefined copper.

⁶ Includes small exports of unrefined black blister and converter copper (bars, pigs, etc.)

⁷ Excludes rods.

⁸ Apparent consumption; consumers' inventories not taken into account.

⁹ New copper and old scrap only.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

No. 882.—COPPER—MINE PRODUCTION, BY STATES:1910 TO 1950

[In short tons of recoverable copper]

STATE	1910	1920	1930	1935	1940	1945	1949	1950
Total.....	544, 119	612, 275	705, 074	380, 491	878, 086	772, 894	752, 750	909, 343
Alaska.....	2, 121	35, 218	16, 326	7, 750	55	5	4	6
Arizona.....	148, 746	279, 128	288, 095	139, 015	281, 169	287, 203	359, 010	403, 301
California.....	24, 350	6, 313	13, 643	977	6, 438	6, 473	649	646
Colorado.....	4, 180	2, 022	5, 257	7, 327	12, 152	1, 485	2, 403	3, 141
Idaho.....	3, 519	1, 269	1, 556	1, 048	3, 349	1, 548	1, 438	2, 107
Michigan.....	111, 342	77, 348	84, 691	32, 054	45, 198	30, 401	19, 506	25, 608
Missouri.....		756	88	34	685	3, 339	3, 670	2, 982
Montana.....	142, 404	88, 530	98, 094	77, 479	126, 391	88, 506	56, 611	54, 478
Nevada.....	32, 180	25, 280	54, 602	37, 133	78, 454	52, 595	38, 068	52, 569
New Mexico.....	2, 307	27, 200	32, 575	2, 253	69, 848	56, 571	55, 388	66, 300
Tennessee.....	8, 419	8, 364	(¹)	(¹)	² 12, 732	² 12, 385	³ 13, 449	14, 497
Utah.....	63, 799	58, 466	90, 263	64, 758	231, 864	226, 376	197, 245	278, 630
Washington.....	43	992	603	43	9, 612	5, 821	5, 275	5, 057
Other States.....	710	1, 390	19, 282	10, 620	139	126	44	21

¹ Included under "Other States."

² Includes Pennsylvania and Vermont.

³ Includes North Carolina and Pennsylvania.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

No. 883.—COPPER—EXPORTS AND IMPORTS: 1891 TO 1951

[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. Values include all forms of copper; quantities represent all copper except the small item, "Other manufactures." Copper content of exports of ore for years 1891-1915 and of imports for years 1891-1903 was estimated]

[Quantities in short tons; values in thousands of dollars]

YEARLY AVERAGE OR YEAR	EXPORTS		IMPORTS ¹		YEAR	EXPORTS		IMPORTS ¹	
	Quantity	Value	Quantity	Value		Quantity	Value	Quantity	Value
1891-1895 ²	65, 586	14, 392	5, 477	896	1940	427, 944	110, 119	364, 997	73, 492
1896-1900 ²	137, 684	36, 745	24, 634	5, 866	1941	158, 906	47, 690	720, 708	141, 789
1901-1905 ²	190, 451	54, 942	83, 237	22, 611	1942	217, 082	82, 348	782, 361	165, 307
1906-1910 ²	289, 445	92, 334	130, 111	38, 026	1943	206, 016	108, 719	736, 464	156, 514
1911-1915 ²	416, 840	123, 655	176, 635	46, 129	1944	237, 521	102, 697	764, 228	165, 479
1916-1920 ²	376, 877	208, 909	244, 948	103, 805	1945	132, 592	55, 212	896, 239	194, 672
1921-1925	438, 337	129, 761	298, 975	77, 811	1946	97, 513	38, 587	355, 008	86, 384
1926-1930	491, 290	149, 999	407, 630	108, 244	1947	197, 114	102, 489	452, 822	175, 820
1931-1935	246, 658	39, 920	211, 116	29, 662	1948 ⁴	209, 494	113, 563	489, 567	203, 042
1936-1940	378, 054	87, 680	242, 530	47, 608	1949 ⁴	171, 303	75, 769	568, 535	224, 232
1941-1945	208, 423	79, 333	780, 000	164, 752	1950 ⁴	174, 274	73, 262	605, 831	242, 510
1946-1950 ⁴	169, 940	80, 734	494, 413	186, 459	1951 ⁴	157, 476	86, 077	536, 739	278, 490

¹ Imports for consumption; general imports prior to 1933.

² Fiscal years ending June 30.

³ Average for period July 1, 1915, to Dec. 31, 1920.

⁴ Effective January 1948, export data include shipments under Army Civilian Supply Program.

Source: Department of Commerce, Bureau of the Census; annual report, *Foreign Commerce and Navigation of the U. S.*, and records.

No. 884.—LEAD—PRODUCTION, IMPORTS, EXPORTS, AND PRICES: 1910 TO 1950

[In short tons. See also *Historical Statistics*, series G 114-115]

ITEM	1910	1920	1930	1940	1945	1948	1949	1950
Smelter production of refined primary lead	470, 272	529, 657	643, 033	533, 179	443, 585	406, 694	477, 338	508, 314
From domestic ores and base bullion ¹	375, 402	476, 849	573, 740	433, 065	356, 535	339, 413	404, 440	418, 809
From foreign ores	18, 065	8, 414	34, 348	83, 563	86, 932	60, 829	71, 413	86, 241
From foreign base bullion	76, 805	44, 394	34, 945	16, 551	118	6, 452	1, 476	3, 264
Recovery of secondary lead	55, 422	124, 650	255, 800	260, 346	363, 039	500, 071	412, 183	482, 275
Imports: ²								
Lead in pigs, bars, and old	3, 485	30, 719	209	151, 568	230, 313	276, 013	289, 889	461, 883
Lead in base bullion	57, 742	48, 052	38, 630	19, 624	8	7, 186	2, 373	3, 488
Lead in ores and matte	47, 376	14, 744	39, 377	111, 300	70, 005	63, 907	107, 279	76, 493
Exports of refined pig lead ³	(⁴)	⁵ 20, 093	⁶ 48, 307	⁶ 23, 755	1, 408	411	969	2, 735
Estimated consumption of primary and secondary lead	(⁴)	(⁴)	⁶ 768, 600	⁶ 782, 000	1, 051, 602	1, 133, 895	957, 674	1, 237, 981
Prices (cents per pound):								
New York average	4.4	8.2	5.52	5.18	6.50	18.04	15.36	13.30
London average	2.8	6.15	3.92	(⁷)	4.99	17.16	16.95	13.29
Mine production of recoverable lead	382, 692	496, 814	558, 313	457, 392	390, 831	390, 476	409, 908	430, 827
World smelter production of lead	1, 210, 000	1, 022, 000	1, 843, 000	(⁴)	1, 234, 000	1, 523, 000	1, 741, 000	1, 872, 000

¹ Excludes lead content of antimonial lead.

² Includes lead imported for immediate consumption plus material entering country for storage under bond.

³ Pigs, bars and anodes. In addition, 17,363 tons of foreign refined lead were re-exported in 1920, 25,324 tons in 1940, 377 tons in 1945, none in 1948, 86 tons in 1949, and 53 tons in 1950.

⁴ Not available.

⁵ Represents pigs, bars, and old.

⁶ Source: American Bureau of Metal Statistics.

⁷ Official maximum price fixed by British Ministry of Supply at £25 per long ton. London Metal Exchange dealings suspended for duration of war.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

No. 885.—LEAD, RECOVERABLE—MINE PRODUCTION, BY STATES AND FOR ALASKA:
1920 TO 1950

[In short tons]

STATE	1920	1925	1930	1935	1940	1945	1948	1949	1950
Total	496,814	684,439	558,313	331,103	457,392	390,831	390,476	409,908	430,827
Western States and Alaska	248,131	364,387	312,413	193,439	244,974	184,152	252,156	243,000	257,803
Alaska.....	875	789	1,305	670	779	11	329	51	149
Arizona.....	6,936	11,938	4,246	7,783	13,266	22,867	29,899	33,568	26,383
Colorado.....	23,315	31,483	22,130	5,673	11,476	17,044	25,143	26,553	27,007
Idaho.....	113,565	126,521	134,068	79,020	104,834	68,447	88,844	79,299	100,025
Montana.....	14,846	18,765	10,653	15,589	23,036	9,999	18,411	17,996	19,617
Nevada.....	10,100	12,238	11,529	12,676	7,499	6,275	9,777	10,626	9,408
New Mexico.....	1,435	3,210	10,378	7,289	3,822	7,662	7,653	4,652	4,150
Utah.....	66,898	153,335	115,495	63,510	75,688	40,817	55,950	53,072	44,753
Washington.....	2,749	2,814	576	103	2,555	3,802	7,147	6,417	10,334
Other.....	2,413	3,294	1,983	1,126	2,019	7,228	9,303	10,466	15,977
Central States	246,780	317,375	237,533	132,682	207,587	201,520	132,386	162,021	168,173
Kansas.....	16,452	22,775	12,910	10,892	11,927	7,370	8,386	9,772	9,487
Missouri.....	161,812	211,566	199,632	97,493	172,052	176,575	102,288	127,522	134,626
Oklahoma.....	64,086	79,946	23,052	23,405	21,240	12,664	16,918	19,858	20,724
Other.....	4,430	3,088	1,939	892	2,368	4,911	4,794	4,869	3,336
Eastern States	1,903	2,677	8,367	4,982	4,831	5,159	5,934	4,887	4,851
New York.....					1,973	862	1,231	1,317	1,484
Tennessee.....	1,880	448	8,367	4,982	573	64		257	113
Virginia.....		2,229			2,285	4,243	4,703	3,313	3,264

¹ Includes small quantities produced in Massachusetts, Pennsylvania, and Georgia.

No. 886.—ZINC—PRODUCTION AND PRICES: 1910 TO 1950

[See also *Historical Statistics*, series G 116-117]

ITEM	1910	1920	1930	1940	1945	1948	1949	1950
Smelter production of primary slab zinc, total	269,184	463,377	498,045	675,275	764,561	787,764	814,782	843,467
Value.....\$1,000.....	29,072	75,067	47,812	85,085	131,504	209,860	202,392	240,051
Source:								
From domestic ores.....short tons.....	252,479	450,045	489,361	589,088	467,084	537,966	591,454	588,291
From foreign ores.....do.....	16,705	13,332	8,684	85,287	297,477	249,798	223,328	255,176
Method:								
Electrolytic.....percent of total.....		11	26	28	35	40	40	41
Distilled.....do.....	100	89	74	72	65	60	60	59
Production of redistilled secondary slab zinc.....short tons.....	12,784	21,371	34,849	48,917	49,242	62,320	55,041	66,970
Average price common zinc at—								
St. Louis.....cents per pound.....	5.42	7.77	4.56	6.34	8.25	13.58	12.15	13.88
London.....do.....	5.00	7.40	3.60	(*)	5.18	14.38	14.41	14.89
Mine production of recoverable zinc, short tons	327,712	587,524	595,425	665,068	614,358	629,977	593,203	623,375
Arizona.....	2,742	729	815	15,456	40,226	54,478	70,658	60,480
Colorado.....	38,545	24,395	36,259	5,060	35,773	45,164	47,703	45,776
Idaho.....	2,802	13,966	37,649	70,601	83,463	86,267	76,555	87,890
Kansas.....	13,229	61,073	74,304	57,032	48,394	35,577	29,433	27,176
Missouri.....	128,589	24,509	10,811	12,703	22,175	6,463	5,911	8,189
Montana.....	15,819	92,169	26,421	52,587	17,403	59,095	54,195	67,678
Nevada.....	1,354	5,349	14,584	11,833	21,457	20,288	20,443	21,606
New Jersey.....	68,678	78,511	97,626	91,406	81,392	76,332	50,984	55,029
New Mexico.....	9,044	5,007	32,765	30,313	40,295	41,502	29,346	29,263
New York.....		5,654	22,471	35,686	24,978	34,566	37,973	38,321
Oklahoma.....	6,394	219,727	136,153	162,935	69,300	43,821	44,033	46,739
Tennessee.....	1,760	19,217	548,147	551,723	49,899	545,406	542,954	547,722
Utah.....	8,184	4,079	44,495	43,788	33,630	41,490	40,670	31,678
Washington.....		213	352	11,560	11,693	12,638	10,740	14,807
Wisconsin.....	25,927	27,285	12,558	5,770	15,561	7,864	5,295	5,722
Other States.....	4,645	5,641	15	6,615	18,719	19,026	26,310	35,299
World smelter production, 1,000 short tons	893	796	1,536	1,786	1,404	1,872	1,996	2,142

¹ Excludes bonus payments of Office of Metals Reserve.

² Includes small quantity of secondary electrolytic zinc.

³ Average price for foreign zinc, based on average rates of exchange recorded by Federal Reserve Board.

⁴ Not available.

⁵ Includes Virginia.

Source of tables 885 and 886: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

No. 887.—TIN—PRODUCTION, PRICE, IMPORTS, AND EXPORTS: 1930 TO 1950

ITEM	1930	1935	1940	1945	1948	1949	1950
Production:							
Domestic mines.....long tons	15	44.5	49	-----	4.7	68.4	94.1
Domestic smelters ¹.....do	-----	-----	1,391	40,475	36,703	35,834	33,118
Secondary sources.....do	23,393	24,900	29,700	31,400	26,900	22,230	31,680
Imports for consumption:							
Metal.....do	80,734	64,258	124,810	8,493	49,196	60,224	82,837
Ore (tin content).....do	289	178	3,000	33,479	37,492	38,311	25,960
Exports (domestic and foreign).....do	2,233	² 2,292	² 2,664	882	91	154	799
Monthly price of Straits tin at New York, average ³ cents per pound	31.70	50.39	49.82	⁴ 52.00	90.25	99.316	95.557
Apparent consumption ⁵.....long tons	78,501	61,966	123,537	48,086	85,808	95,904	115,156
World mine production.....do	176,000	135,000	239,000	87,000	152,500	161,800	166,400

¹ Includes tin content of ores used direct to make alloys.² Foreign only, domestic not separately recorded.³ Source: American Metal Market.⁴ Ceiling price.⁵ May vary greatly from actual consumption.Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

No. 888.—BAUXITE—PRODUCTION, IMPORTS, AND EXPORTS: 1910 TO 1950

[Quantities in thousands of long tons; values in thousands of dollars. See also *Historical Statistics*, series G 127-128 for figures on shipments]

ITEM	1910	1920	1930	1940	1945	1947	1948	1949	1950
Production:									
Crude ore.....	-----	-----	-----	510	1,145	1,427	1,724	1,352	1,585
Dried bauxite equivalent.....	-----	-----	-----	439	981	1,202	1,457	1,140	1,335
Value.....	-----	-----	-----	1,754	5,591	6,885	8,697	6,778	7,693
Shipments:									
Crude ore.....	149	521	331	507	1,333	1,399	1,607	1,414	1,524
Dried bauxite equivalent.....	-----	-----	-----	438	1,146	1,081	1,358	1,196	1,287
Value.....	716	3,247	1,928	1,745	5,987	6,740	8,159	7,036	7,373
Imports:									
Quantity ¹	16	43	410	630	740	1,822	2,489	2,688	2,477
Value.....	66	251	1,996	4,299	5,273	11,870	15,821	16,353	15,719
Exports:									
Quantity ¹	(²)	22	105	82	126	94	54	35	45
Value.....	(²)	1,844	3,777	1,543	2,425	1,888	1,202	513	1,144
World production.....	350	887	1,603	4,321	3,376	6,216	8,083	8,169	8,206

¹ As shipped.² Not separately classified.Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

No. 889.—ALUMINUM—SUMMARY: 1915 TO 1950

[Quantities in short tons. See also *Historical Statistics*, series G 125-126 for earlier data on primary aluminum]

ITEM	1915	1920	1930	1940	1945	1948	1949	1950
PRODUCTION								
Total U. S.: Production.....short tons..	53,752	84,521	153,119	286,642	793,447	910,233	784,224	962,288
Value.....\$1,000..	22,082	50,864	68,138	104,624	226,161	263,920	247,315	316,046
Primary aluminum: Production.....short tons..	45,252	60,021	114,519	206,280	495,060	623,456	603,462	718,622
Value.....\$1,000..	16,280	41,375	50,961	76,292	140,864	180,755	190,303	235,977
Quoted price per pound ¹ ..cents..	34.13	30.61	23.8	18.7	15.0	15.7	17.0	17.7
Secondary aluminum: Production.....short tons..	8,500	15,500	38,600	80,362	298,337	286,777	180,762	243,666
Value ².....\$1,000..	5,802	9,489	17,177	29,332	85,297	83,165	57,012	80,069
World production ³.....short tons..	93,000	172,000	293,000	868,000	960,000	1,395,000	1,440,000	1,630,000
APPARENT CONSUMPTION								
Total U. S. consumption.....short tons..	(⁴)	(⁴)	(⁴)	272,823	724,061	780,223	680,552	974,692
Primary aluminum ⁴.....do.....	49,899	83,967	70,933	227,017	696,750	684,575	635,956	898,341
Secondary aluminum, from old scrap.....short tons..	(⁴)	(⁴)	(⁴)	45,806	27,311	95,648	44,596	76,351
IMPORTS AND EXPORTS ⁶								
Imports: Quantity.....short tons..	4,647	19,650	12,731	18,084	339,285	160,881	125,326	255,692
Value.....\$1,000..	1,766	12,184	4,690	4,737	98,285	41,799	36,082	67,533
Exports: Quantity.....short tons..	(⁴)	4,704	8,665	27,841	6,703	49,546	37,179	21,284
Value.....\$1,000..	(⁴)	3,068	3,916	17,919	3,116	28,037	21,455	11,029

¹ New York, No. 1 virgin 98-99 percent, 1915-20; 99-percent-plus virgin, 1930-50. Source: *American Metal Market*.² 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*.³ Estimated. Source, 1915-30: Imperial Institute.⁴ Not available.⁵ Data not available on fluctuations in consumers' stocks, 1915-40, and in producers' stocks, 1915 and 1920.⁶ Includes aluminum and aluminum alloy ingots, scrap, plates, sheets, bars, etc.Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

No. 890.—MAGNESIUM—PRODUCTION, EXPORTS, IMPORTS AND APPARENT CONSUMPTION: 1920 TO 1950

[In short tons, except as noted]

ITEM	1920	1930	1940	1945	1948	1949	1950
Production, ingot equivalent.....	(¹)	587	6,261	32,792	10,003	11,593	15,726
Sales.....	62	280	6,411	43,496	8,439	12,977	20,370
Price per pound (quoted).....cents..	160.0	48.0	27.0	20.5	20.5	20.5	21.6
Exports: Metal in primary form ²	(¹)	(¹)	834	496	274	432	586
Powder, ribbons, etc.....	(¹)	(¹)	(¹)	860	170	276	322
Imports, metallic and scrap.....	15	3	—	54	678	2,560	843
Apparent consumption ³	(¹)	280	5,577	43,000	8,215	12,545	19,784
World production.....	(¹)	(¹)	42,000	68,000	35,000	39,000	44,000

¹ Not available.² Primary metal only. Alloy exports in addition: 25 tons in 1940, 22 tons in 1945, none in 1948-50.³ Not considering fluctuations in consumers' stocks and metal derived from scrap.Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

29. Construction and Housing

(Sent to print May 23, 1952)

Construction.—Monthly estimates of the value of work put in place are probably the most widely used of the current Federal statistics on construction. These estimates are prepared jointly by the Department of Commerce and the Bureau of Labor Statistics.

Estimates of privately financed nonresidential construction are primarily the responsibility of the Department of Commerce. Construction estimates for buildings such as stores, warehouses, and factories are based on F. W. Dodge Corporation reports of construction contracts awarded, supplemented by building permit data for States which the Dodge Corp. does not cover. Public utility construction estimates are derived from data reported by the Interstate Commerce Commission and other Federal regulatory agencies, and by private associations such as the American Gas Association and the American Transit Association.

Estimates of publicly financed construction of all types and housing construction activity are primarily the responsibilities of the Bureau of Labor Statistics. A considerable number of Federal agencies administer construction programs or award contracts for construction; some of them engage in construction themselves. In this field, construction activity data are derived by the Bureau of Labor Statistics from the reports of the respective Federal agencies; data on State and local governmental construction activity are derived from F. W. Dodge Corporation and Engineering News Record reports. Estimates of residential construction activity, including number of housing units started, average construction costs, and number of units per structure, are based primarily upon reports of building permits granted which are received from nearly 6,000 permit-granting authorities. Field surveys on a sample basis are used to obtain data on construction activity in nonpermit areas. Statistics on housing starts in certain metropolitan areas are available from the Bureau of Labor Statistics for 1946 through the first quarter of 1951. The current program of the Bureau of Labor Statistics provides monthly estimates of the number of housing starts in the nation as a whole, but the series on the local area data have been discontinued.

The Bureau of the Census has taken a Census of Construction for 1929, 1935, and 1939. The last census covered all persons or establishments whose principal business in 1939 was utilizing construction materials and labor in construction work for others, or for themselves for speculative and investment purposes on projects located within the limits of continental United States. Because the Census excluded force account work, its coverage was substantially less than current estimates of value of work put in place.

Housing.—The first national Census of Housing was taken in 1940 by the Bureau of the Census as part of the Sixteenth Decennial Census. Housing data, roughly comparable to those collected in the 1940 Census of Housing, were collected on a sample basis in April 1947 by the Bureau of the Census in its current population survey. The 1950 Census of Housing, which was part of the Seventeenth Decennial Census, was the second national census to provide data on housing characteristics. A sample of dwelling units enumerated in the 1950 Census of Housing was used as the basis for preliminary reports on housing. For evaluation of sampling variability, see original releases indicated in source notes. (See tables 906-913.)

For some of the 1950 items, comparability with previous censuses was affected by changes in definitions and procedures. Some of these changes are briefly explained below. For a fuller explanation see Department of Commerce, Bureau of Census, Preliminary Reports, 1950 Census of Housing, *Housing Characteristics of the United States: April 1950*, Series HC-5, No. 1; *Year Built, Household Equipment, and Cooking and Heating Fuel, for Dwelling Units in the United States: April 1950*, Series HC-5, No. 2; and *Housing Characteristics, by Regions: April 1950*, Series HC-5, No. 3.

Urban and rural areas.—According to the new definition adopted for the 1950 Census, urban housing comprises all dwelling units in (a) places of 2,500 inhabitants or more incorporated as cities, boroughs, and villages, (b) incorporated towns of 2,500 inhabitants or more except in New England, New York, and Wisconsin, where "towns" are simply minor civil divisions of counties, (c) the densely settled urban fringe around cities of 50,000 or more, including both incorporated and unincorporated areas, and (d) unincorporated places of 2,500 inhabitants or more outside any urban fringe. The remaining dwelling units are classified as rural. According to the 1940 definition, urban housing was limited to all dwelling units in incorporated places of 2,500 inhabitants or more and in a relatively few areas (usually minor civil divisions) classified as urban under special rules relating to population size and density. For additional explanation, see page 2.

Farm and nonfarm residence.—In the 1950 Census, but not in the 1940 Census, the enumerators in rural areas were specifically instructed to base the farm-nonfarm classification of a dwelling unit on the respondent's answer to the question, "Is this house on a farm?"

Dwelling units located on farmland for which a cash rent was paid for house and yard only, and dwelling units on institutional grounds and in summer camps and tourist courts, were classified as nonfarm, regardless of the answer to this question. Because of changes in procedures, the count of farm units in 1950 is not strictly comparable with the figures for 1940. Urban-farm dwelling units are dwelling units on farms within the boundaries of urban areas.

In rural areas, dwelling units are classified as rural-farm units, which comprise all dwelling units on farms, and rural-nonfarm units, which are the remaining rural units. In most areas virtually all farm housing is in rural areas. Therefore, housing characteristics are shown in this volume for rural farm dwelling units instead of for all farm units.

Dwelling unit.—The number of dwelling units, as shown for 1950 may be regarded as comparable with the number of dwelling units shown for earlier years. The instructions used for identifying a dwelling unit in the 1950 Census were more explicit than those used earlier. As a result, some living quarters may have been classified as separate dwelling units in one census and not in the other. However, the net effect of the change in the instructions is probably small.

Vacant dwelling unit.—The enumeration of vacant units in the 1950 Census of Housing was not entirely comparable with the procedure used in the 1940 Census. In 1950, vacant units were enumerated if they were intended for occupancy as living quarters regardless of their condition.

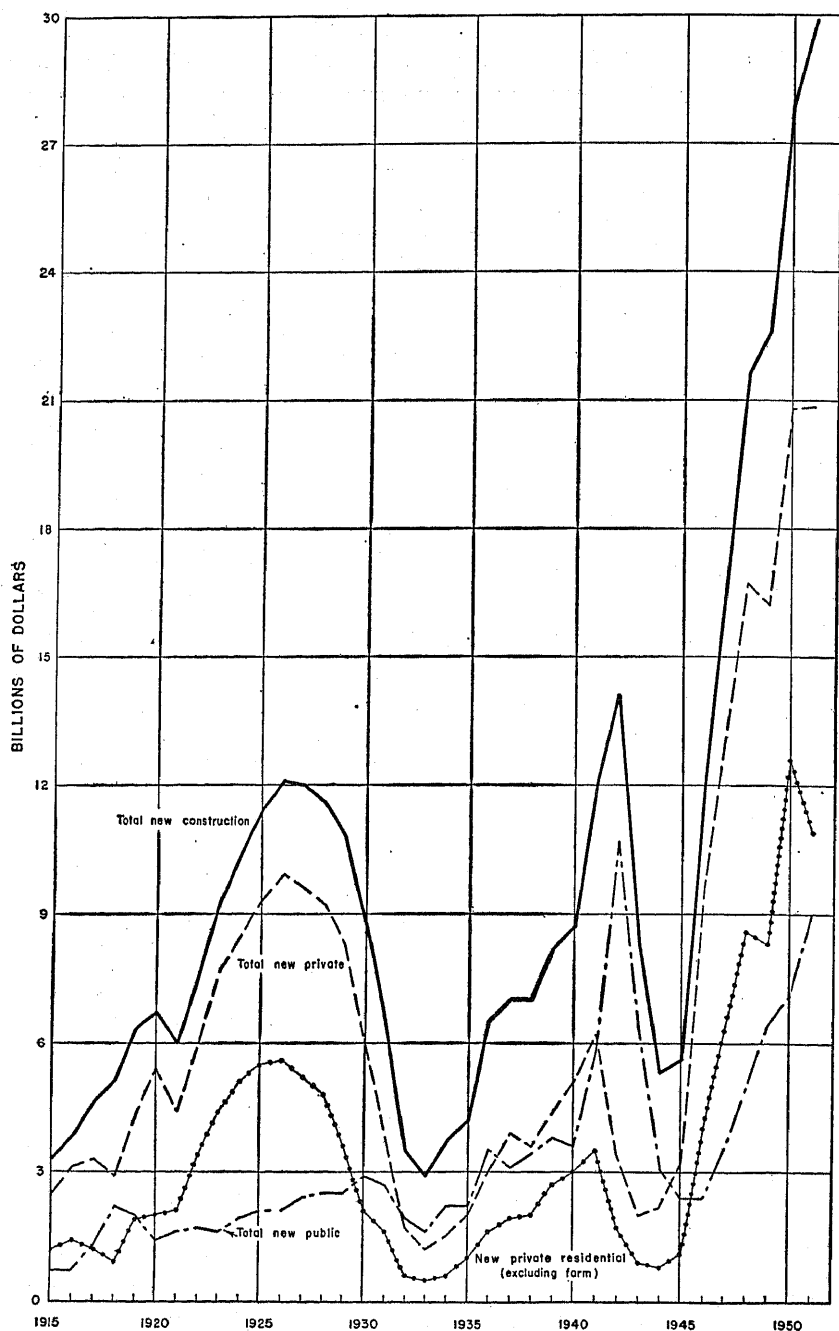
In 1940, vacant units were enumerated if they were habitable; vacant units which were uninhabitable and beyond repair were omitted from the enumeration. Vacant units for sale and vacant units for rent were enumerated as one combined category, and included all habitable vacant units which were available for occupancy even though not actually being offered for rent or sale at the time of enumeration.

Housing finance.—Data on home mortgages and foreclosures are provided by the Home Loan Bank Board. The Federal Housing Administration compiles data on its real estate financial operations, such as volume of mortgages insured, type of lending institution, etc.

Historical statistics.—See preface and historical appendix. Tabular headnotes (as "See also *Historical Statistics*, series H 1-26") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*.

FIG. XXVIII.—NEW CONSTRUCTION ACTIVITY: 1915 to 1951

[See table 891]



Source: Department of Commerce, Bureau of the Census. Data are from National Production Authority.

No. 891.—CONSTRUCTION IN THE UNITED STATES—ESTIMATED EXPENDITURES FOR PRIVATE AND PUBLIC CONSTRUCTION: 1915 TO 1951

[In millions of dollars. Represents value of work put-in-place during year; consequently differs from building permit and construction contract data which measure value of work started. In addition, coverage generally broader than permit and contract data. Includes value and cost of installation of equipment which is integral part of structure, but not that of machinery, shipbuilding, or land costs. For single years, 1915-1938, see 1951 Abstract, table 847. See also *Historical Statistics*, series H 1-26]

TYPE OF CONSTRUCTION	1915	1920	1925	1930	1935	1939	1940	1941	1942
Total	4,890	9,560	14,782	12,391	7,186	11,964	12,560	16,126	18,184
New construction, total.....	3,262	6,749	11,439	8,741	4,232	8,198	8,682	11,957	14,075
Adjusted values, 1939 prices.....	6,690	5,059	10,874	8,561	4,549	7,855	8,203	10,480	10,838
Private, total.....	2,543	5,397	9,301	5,883	1,993	4,389	5,054	6,206	3,415
Residential (excl. farm).....	1,220	2,015	5,515	2,075	1,010	2,680	2,955	3,510	1,715
Nonresidential building ¹	478	1,964	2,090	2,003	472	789	1,025	1,482	635
Industrial.....	197	1,099	513	532	158	254	442	801	346
Warehouses, office and loft bldgs.....	(2)	258	357	596	75	81	91	123	62
Stores, restaurants and garages.....	(2)	367	583	297	136	211	257	286	93
Other nonresidential bldgs.....	(2)	240	607	578	103	240	235	272	134
Farm construction.....	229	566	311	193	125	212	240	310	260
Operators' dwellings.....	109	266	141	107	61	106	145	182	135
Service buildings.....	120	300	170	86	65	106	95	128	125
Public utility.....	549	771	1,802	1,527	363	683	771	872	786
Railroad.....	241	184	393	521	116	137	167	187	197
Telephone and telegraph.....	43	124	210	333	52	93	122	179	155
Other public utility.....	265	463	699	673	195	453	482	506	434
All other private.....	67	81	113	85	28	28	33	32	19
Public, total ²	719	1,352	2,138	2,858	2,263	3,809	3,628	5,751	10,690
Residential.....	217	283	573	660	328	970	615	1,430	545
Nonresidential building.....	(1)	(1)	(1)	(1)	2	23	164	1,280	3,437
Industrial.....	(2)	190	400	364	153	468	156	158	128
Educational.....	(2)	83	61	118	38	127	54	42	35
Hospital and institutional.....	(2)	60	112	178	135	352	241	166	86
Other nonresidential.....	17	161	8	29	37	125	385	1,620	5,016
Military and naval.....	302	656	1,082	1,516	845	1,381	1,302	1,066	734
Highway.....	106	153	278	343	175	371	338	252	169
Sewer and water.....	40	39	120	157	71	136	131	141	85
Misc. public service enterprises.....	36	55	73	137	700	570	528	500	357
Conservation and development.....	1	5	4	16	68	191	129	96	69
All other public.....	1,628	2,811	3,343	3,650	2,954	3,766	3,878	4,169	4,109
Maintenance and repair.....									

TYPE OF CONSTRUCTION	1943	1944	1945	1946	1947	1948	1949	1950	1951
Total	12,500	9,686	10,524	17,863	23,991	29,818	30,889	36,618	38,863
New construction, total.....	8,301	5,259	5,633	12,000	16,627	21,572	22,584	27,902	29,863
Adjusted values, 1939 prices.....	6,191	3,918	4,051	7,456	8,602	10,069	10,744	12,698	12,608
Private, total.....	1,979	2,186	3,235	9,638	13,131	16,665	16,181	20,789	20,823
Residential (excl. farm).....	885	815	1,100	4,015	6,310	8,580	8,267	12,600	10,915
Nonresidential building.....	233	351	1,020	3,341	3,142	3,621	3,228	3,777	4,907
Industrial.....	156	208	642	1,689	1,702	1,397	972	1,062	1,975
Warehouses, office and loft bldgs.....	14	17	56	331	237	352	321	402	518
Stores, restaurants and garages.....	19	39	147	801	619	901	706	886	794
Other nonresidential bldg.....	44	87	175	520	584	971	1,229	1,427	1,620
Farm construction.....	284	283	267	856	1,272	1,397	1,292	1,170	1,250
Operators' dwellings.....	121	108	100	409	611	671	621	562	550
Service buildings.....	163	175	167	447	661	726	671	608	700
Public utility.....	570	725	827	1,374	2,338	3,002	3,316	3,130	3,685
Railroad.....	211	247	264	258	318	379	352	315	375
Telephone and telegraph.....	61	83	117	305	510	713	533	440	460
Other public utility.....	298	395	446	811	1,510	1,910	2,431	2,375	2,856
All other private.....	7	12	21	52	69	65	78	112	66
Public, total ³	6,322	3,073	2,398	2,362	3,496	4,907	6,403	7,113	9,040
Residential.....	739	211	80	374	200	156	359	345	600
Nonresidential building.....	2,010	1,361	937	354	599	1,301	2,068	2,402	3,318
Industrial.....	1,870	1,230	755	113	96	196	177	224	880
Educational.....	63	41	59	101	287	618	934	1,163	1,486
Hospital and institutional.....	44	58	85	85	85	223	477	476	496
Other nonresidential.....	33	32	38	55	131	264	480	539	456
Military and naval.....	2,550	837	690	188	204	158	137	177	1,045
Highway.....	446	362	398	895	1,514	1,856	2,129	2,360	2,225
Sewer and water.....	107	79	97	194	351	535	619	671	703
Misc. public service enterprises.....	49	46	55	99	164	185	203	186	210
Conservation and development.....	285	163	130	240	394	629	793	886	860
All other public.....	136	14	11	18	70	87	95	96	79
Maintenance and repair.....	4,199	4,427	4,891	5,863	7,364	8,246	8,305	8,716	9,000

¹ Public industrial and commercial building not segregable from private construction, 1915-32; amount believed negligible. ² Not available separately. ³ Includes work-relief construction, 1933-1943.

Source: Department of Commerce, National Production Authority. Current estimates are published monthly in *Construction and Building Materials Industry Report* and in *Survey of Current Business*.

No. 892.—BUILDING CONSTRUCTION IN ALL URBAN AREAS—VALUE, BY CLASS OF CONSTRUCTION AND BY SOURCE OF FUNDS: 1950 AND 1951

[In thousands of dollars. Compiled from estimates of construction costs made by prospective builders when applying for permits to build and value of contracts awarded by Federal Government. Covers entire urban area of United States which includes all incorporated places of 2,500 or more in 1940 and, by special rule, a small number of unincorporated civil divisions]

CLASS OF CONSTRUCTION	TOTAL		NON-FEDERAL		FEDERAL ¹	
	1950	1951	1950	1951	1950	1951
All building construction.....	10,481,519	8,787,605	9,734,725	7,935,776	746,794	851,829
New buildings.....	9,389,061	7,697,861	8,676,612	6,910,290	712,449	787,571
Residential buildings ¹	6,231,417	4,988,559	5,903,864	4,412,833	327,553	575,726
1-family dwellings.....	4,875,321	3,842,899	4,850,763	3,814,768	24,558	28,131
2-family dwellings ²	199,053	170,890	178,985	170,392	20,068	498
Multifamily dwellings ³	1,072,539	937,303	789,612	390,206	282,927	547,097
Nonhousekeeping buildings.....	84,504	37,467	84,504	37,467	.....	.....
Nonresidential buildings.....	3,157,644	2,709,302	2,772,748	2,497,457	384,896	211,845
Amusement buildings.....	91,151	32,564	91,151	32,564	.....	.....
Churches.....	220,351	181,328	220,351	181,328	.....	.....
Factories and workshops.....	297,343	472,124	297,343	472,124	.....	.....
Public garages.....	46,207	44,057	46,207	44,057	.....	.....
Private garages.....	104,824	113,802	104,824	113,802	.....	.....
Service stations.....	59,957	84,953	59,957	84,953	.....	.....
Institutions.....	495,388	333,966	166,942	225,780	328,446	158,186
Office buildings.....	272,172	197,406	272,172	197,406	.....	.....
Public buildings.....	128,165	106,172	83,693	67,663	44,472	38,509
Public works and utilities.....	116,154	115,708	108,180	109,830	9,974	5,878
Schools and libraries.....	568,440	519,840	560,436	510,558	2,004	9,272
Sheds, stables and barns.....	10,895	11,324	10,895	11,324	.....	.....
Stores and warehouses.....	654,781	430,807	654,781	430,807	.....	.....
All other.....	91,816	65,251	91,816	65,251	.....	.....
Additions, alterations and repairs.....	1,092,458	1,089,744	1,058,113	1,025,486	34,345	64,258

¹ Housing financed solely by State and local governments is included under "Federal" to segregate public from private housing.

² Includes 1- and 2-family dwellings with stores.

³ Includes multifamily dwellings with stores.

SOURCE: Department of Labor, Bureau of Labor Statistics; annual and current data are published in the monthly pamphlet, *Construction*, in monthly releases, and in *Monthly Labor Review*.

No. 893.—NEW PERMANENT DWELLING UNITS STARTED IN NONFARM AREAS, BY TYPE: 1920 TO 1951

[Figures are estimates covering construction of all new permanent family dwelling units in nonfarm area of United States, based upon building-permit reports, and from 1946, on building-permit information, supplemented by data from field surveys in non-permit-issuing places. This area consists of all urban and rural nonfarm places. Urban designation is applied to all incorporated places with a population of 2,500 or more in 1940, and, by special rule, to a small number of unincorporated civil divisions. Rural nonfarm construction includes all construction for nonagricultural use in unincorporated areas and incorporated places of less than 2,500 population. See also *Historical Statistics*, series H 40-45; data for 1941-1945 in historical volume include temporary units]

YEAR	Total non-farm	AREA ¹		TYPE OF DWELLING			OWNERSHIP	
		Urban	Rural non-farm	1-family	2-family ²	Multifamily ³	Private	Public
1920.....	247,000	196,000	51,000	202,000	24,000	21,000	247,000	-----
1925.....	937,000	752,000	185,000	572,000	157,000	208,000	937,000	-----
1930.....	330,000	236,000	94,000	227,000	29,000	74,000	330,000	-----
1935.....	221,000	117,000	104,000	183,000	8,000	30,000	215,705	5,295
1940.....	603,000	397,000	206,000	486,000	37,000	80,000	529,571	73,029
1942.....	356,000	227,400	128,600	292,800	20,100	43,100	301,191	54,809
1943.....	191,000	124,400	66,600	143,600	17,800	29,600	183,703	7,297
1944.....	141,900	96,200	45,700	117,700	10,600	13,600	138,692	3,108
1945.....	209,300	133,900	75,400	184,600	8,800	15,900	208,159	1,241
1946.....	670,500	403,600	266,900	590,000	24,300	56,200	662,473	8,027
1947.....	849,000	479,800	369,200	740,200	33,900	74,900	845,500	3,440
1948.....	931,600	524,900	406,700	766,600	46,900	118,100	913,500	18,100
1949.....	1,025,100	588,800	436,300	794,300	36,500	194,300	988,800	36,300
1950.....	1,396,000	827,800	568,200	1,154,100	44,800	197,100	1,352,200	43,800
1951.....	1,091,800	595,300	496,000	900,100	40,400	150,800	1,020,100	71,200

¹ Urban and rural nonfarm classification for 1920 and 1925 are based on 1930 Census; for 1930-51, on 1940 Census.

² Includes 1- and 2-family dwellings with stores. ³ Includes multifamily dwellings with stores.

SOURCE: 1920 and 1925, National Bureau of Economic Research; later years, Department of Labor, Bureau of Labor Statistics. Annual and current data published in monthly releases and in the monthly pamphlet, *Construction*.

No. 894.—FEDERAL CONTRACT AWARDS FOR NEW CONSTRUCTION (VALUE), BY TYPE OF PROJECT: 1935 TO 1951

[In thousands of dollars. Includes force-account construction started, which is work done directly by Federal agency (not through contractor), using separate work force to perform nonmaintenance work on agency's own property. For Federal-aid programs, includes funds to be contributed by owner as well as Federal Government. Major additions and alterations considered new construction. Secret projects sometimes excluded]

TYPE OF PROJECT	1935	1940	1945	1947	1948	1949	1950	1951
Total new construction	1, 478, 073	2, 316, 467	1, 092, 181	1, 473, 910	1, 906, 466	2, 174, 203	2, 706, 650	3, 979, 225
Airfields.....	(²)	137, 112	41, 219	25, 075	55, 577	49, 317	54, 461	276, 166
Building.....	442, 782	1, 537, 910	806, 917	454, 593	543, 118	880, 101	1, 278, 263	1, 979, 651
Residential.....	7, 833	244, 671	60, 535	60, 694	47, 198	46, 800	15, 445	8, 864
Nonresidential.....	434, 949	1, 293, 239	746, 382	393, 899	495, 920	833, 301	1, 262, 818	1, 970, 787
Conservation and develop- ment.....	438, 725	197, 589	72, 150	307, 695	494, 871	455, 457	373, 453	440, 719
Reclamation.....	158, 027	69, 028	30, 765	75, 483	147, 732	142, 703	134, 045	131, 126
River, harbor, and flood control.....	280, 698	128, 561	41, 385	232, 212	347, 139	312, 754	239, 408	309, 508
Highways.....	381, 037	364, 048	100, 969	659, 645	767, 460	690, 469	835, 606	848, 404
All others ³	215, 529	79, 808	70, 926	26, 902	45, 440	98, 859	164, 867	434, 285

¹ Excludes hangars and other buildings, which are included under nonresidential building.

² Included in "All other."

³ Covers electrification projects, water-supply and sewage-disposal systems, railroad construction, etc.

Source: Department of Labor, Bureau of Labor Statistics; *Handbook of Labor Statistics*, 1950 edition. Current data published in *Monthly Labor Review*.

No. 895.—FEDERAL EXPENDITURES FOR PUBLIC WORKS: 1951 AND 1952

[In millions of dollars. For years ending June 30. Includes direct Federal works and grants and loans to State and local governments for public works]

FUNCTION AND TYPE OF FACILITY	1951 actual	1952 estimate	FUNCTION AND TYPE OF FACILITY	1951 actual	1952 estimate
Civil public works, total	2, 424	3, 436	Natural resources	1, 401	2, 134
Veterans' services and benefits: Hos- pitals and other facilities.....	147	211	River basin development: Irriga- tion, flood control, navigation, and power.....	886	1, 009
International security and foreign relations: Radio facilities and buildings.....	11	43	Irrigation, roads, and buildings on Indian lands.....	13	19
Social security, welfare and health.....	67	119	Forest roads and structures.....	5	11
Grants for public hospital con- struction.....	52	76	Mineral and other research facili- ties.....	3	3
Other hospitals and facilities.....	14	27	Fish and wildlife facilities.....	1	2
Construction of Federal prisons.....	1	2	Parkways, roads, buildings, and utilities in national parks.....	14	21
Defense community facilities for health.....		15	Atomic energy facilities.....	479	1, 071
Housing and community develop- ment.....	147	176	Transportation and communication. River and harbor works, naviga- tion projects.....	572	606
Loans for low-rent housing (net).....	142	127	Other navigation aids and facilities.....	53	43
Public works in Alaska and Virgin Islands.....	2	12	Other navigation aids and facilities.....	8	27
Defense housing and community facilities.....		19	Federal-aid highways.....	395	408
Other community facilities.....	3	18	Forest and other highways.....	22	32
Education and general research.....	3	106	Alaska Railroad and roads.....	39	35
Research facilities.....	(¹)	2	Federal-aid airports.....	30	35
Grants for school construction.....	3	104	Other airways and airports.....	25	26
Agriculture and agricultural re- sources.....	29	1	General government.....	46	40
Grain storage facilities.....	26		Government buildings.....	44	36
Water facilities and other.....	2	1	Memorials and cemeteries.....	2	4
			Defense construction, total	441	2, 805
			Army, Navy, and Air Force con- struction.....	400	2, 709
			Stockpile storage facilities.....	8	30
			Synthetic rubber and other defense- related facilities.....	33	66

¹ Less than \$500,000.

Source: Bureau of the Budget; *Budget of the U. S. Government, 1953*, Special Analysis F.

No. 896.—CONSTRUCTION CONTRACTS AWARDED IN 37 STATES—VALUE OF CONSTRUCTION AND FLOOR SPACE OF BUILDINGS, BY CLASS OF CONSTRUCTION: 1925 TO 1951

[Public works and public utilities cover some projects not measurable in terms of floor space, such as highways, pipe lines, subways, etc. Statistics for the 37 States were not compiled for years prior to 1925, but available figures covering a varying number of States for earlier years have been published in the 1932 and previous issues of the *Statistical Abstract*. Figures for individual States and districts in table 897 represent value of construction contracts awarded in States and districts where work was actually done. See also *Historical Statistics*, series H 51-57]

[Values in millions of dollars; floor space in thousands of square feet]

YEAR	Total	Residential	Commercial ¹	Manufacturing buildings ²	Public works	Public utilities ^{1,2}	Educational	Hospital and institutional	Public buildings	Religious	Social and recreational	Miscellaneous non-residential
VALUE OF CONSTRUCTION												
1925.....	6,006.4	2,747.7	872.4	326.6	653.9	403.0	418.7	111.1	54.5	153.1	253.0	12.4
1929.....	5,750.8	1,915.7	929.2	545.9	940.1	460.6	369.6	152.2	120.8	106.1	146.6	54.9
1930.....	4,523.1	1,101.3	616.3	256.6	969.6	629.8	366.2	163.1	139.8	92.8	116.6	70.9
1931.....	3,092.8	811.4	311.1	116.2	880.9	259.9	223.4	121.2	181.3	53.1	98.7	35.8
1932.....	1,851.2	280.1	122.7	43.5	521.1	62.4	80.7	48.4	118.0	27.3	27.2	13.2
1933.....	1,255.7	249.3	99.4	127.5	504.5	84.5	38.9	37.3	50.9	17.7	37.2	18.7
1934.....	1,643.1	243.8	150.6	116.1	631.6	111.5	112.3	37.3	55.7	18.3	46.2	14.7
1935.....	1,844.5	473.8	164.5	108.9	589.1	95.7	168.3	47.1	97.8	23.7	54.9	16.0
1936.....	2,675.3	301.6	249.1	198.0	721.8	192.1	219.0	74.1	102.2	28.3	74.9	14.2
1937.....	2,913.1	905.3	297.0	313.7	588.7	262.9	223.2	81.8	104.9	36.9	83.8	14.8
1938.....	3,106.9	985.3	215.8	121.1	850.2	288.8	334.1	115.6	114.1	35.8	108.0	27.7
1939.....	3,550.5	1,334.3	246.9	174.8	961.7	289.0	201.4	82.9	110.0	38.4	82.2	28.9
1940.....	4,004.0	1,596.9	318.3	442.4	831.3	281.1	147.2	94.1	80.2	45.7	62.6	104.2
1941.....	6,007.5	1,953.8	471.2	1,181.5	1,109.3	628.7	140.9	88.5	89.4	52.5	78.1	213.6
1942.....	8,255.1	1,817.7	302.2	2,227.5	1,302.5	1,238.1	147.9	184.9	101.6	23.5	101.3	807.7
1943.....	3,274.0	867.8	120.7	766.2	470.8	511.4	62.4	110.7	24.7	7.1	58.2	274.2
1944.....	1,994.0	348.4	80.8	472.7	429.6	316.6	69.2	59.2	11.9	11.6	32.7	161.3
1945.....	3,299.3	563.5	246.4	1,027.0	482.6	402.8	100.2	112.6	15.9	34.8	60.3	153.2
1946.....	7,489.7	3,142.1	773.2	1,317.3	1,194.7	436.6	221.4	130.9	25.1	67.6	92.5	88.3
1947.....	7,750.9	3,153.8	785.5	941.4	1,344.0	546.4	391.9	192.0	73.1	117.5	122.1	92.2
1948.....	9,420.6	3,608.0	975.0	889.8	1,627.1	528.0	724.6	404.9	83.5	245.2	232.4	161.0
1949.....	10,359.2	4,239.4	885.0	558.6	1,778.6	697.4	824.4	554.8	118.9	275.5	222.1	204.7
1950.....	14,501.1	6,741.0	1,208.5	1,142.3	1,930.0	648.4	1,179.8	655.2	124.3	336.3	261.3	273.9
1951.....	15,751.1	6,205.4	915.3	2,883.3	1,824.0	899.2	1,334.6	580.8	158.2	299.3	136.4	514.6
FLOOR SPACE OF BUILDINGS												
1925.....	936,226	559,499	100,066	66,901	3,040	11,358	60,543	14,037	8,294	18,870	32,261	1,357
1929.....	791,099	387,670	161,264	105,524	450	5,353	58,639	19,496	12,626	12,818	21,457	5,802
1930.....	510,382	230,040	96,586	48,019	826	7,611	56,955	19,121	17,023	10,864	16,089	7,248
1931.....	365,841	190,274	50,037	20,109	496	4,550	36,598	16,880	24,257	5,578	14,018	3,044
1932.....	156,577	73,607	23,884	9,048	575	1,219	13,710	7,319	16,198	3,518	5,535	964
1933.....	147,053	72,783	22,551	13,985	170	1,491	5,523	5,598	9,474	2,633	5,606	2,239
1934.....	152,394	64,255	28,261	17,566	262	1,804	16,775	4,222	9,425	2,650	6,532	612
1935.....	251,558	135,416	35,391	20,638	915	1,077	26,046	6,176	13,522	3,534	7,900	934
1936.....	409,676	222,514	57,178	40,291	1,038	3,360	41,985	10,369	14,282	4,312	12,852	1,405
1937.....	446,084	235,515	62,283	60,816	1,301	5,197	36,489	11,411	12,642	5,730	13,541	1,334
1938.....	429,028	240,568	41,789	25,246	1,038	1,679	57,022	17,235	15,564	5,303	17,691	5,893
1939.....	513,380	332,658	48,798	44,268	603	1,319	34,418	11,593	15,121	6,213	12,371	6,020
1940.....	690,450	420,531	66,588	49,772	330	1,536	24,761	14,401	11,869	7,108	11,909	36,653
1941.....	956,719	502,676	105,851	187,923	11,647	2,104	24,499	15,394	14,453	8,567	14,761	68,844
1942.....	1,314,220	449,454	74,079	446,055	13,400	3,837	30,586	34,083	19,806	3,477	23,326	216,117
1943.....	448,244	200,647	22,171	105,822	1,851	1,090	11,969	19,947	4,754	1,001	12,862	66,130
1944.....	234,549	73,955	12,490	84,356	1,260	3,748	9,797	7,637	1,999	1,420	5,096	32,769
1945.....	412,423	111,244	63,197	158,207	1,348	13,701	12,453	11,331	1,858	4,569	8,097	26,423
1946.....	959,610	516,266	118,563	235,238	919	10,837	25,883	15,245	2,211	8,404	11,292	15,060
1947.....	831,965	478,713	100,043	142,990	1,038	6,943	41,042	19,915	6,320	12,282	14,235	11,838
1948.....	850,651	464,256	100,602	109,693	243	1,046	72,345	35,487	6,184	21,162	21,972	17,664
1949.....	869,366	520,477	86,446	61,143	14	5,216	79,048	42,076	7,726	24,598	20,992	21,638
1950.....	1,313,879	828,140	122,430	114,860	(⁴)	2,407	110,554	44,526	9,456	29,371	24,219	27,922
1951.....	1,158,347	684,512	77,214	148,231	(⁵)	3,719	109,490	37,881	10,800	25,133	11,255	50,115

¹ Data for airports now included with "Public utilities"; prior to 1930, included with "Commercial."

² Data for pipe lines now included with "Public utilities"; prior to 1929, included with "Manufacturing buildings."

³ Excludes data for 23 Civil Works Program projects, valued at \$29,551,900, not available by class of construction.

⁴ Not shown separately; negligible amount with respect to total. ⁵ Data no longer reported.

Source: The F. W. Dodge Corporation, New York, N. Y.; Statistical and Research Division, historical record. Figures published currently in *Statistical Research Service*.

No. 897.—CONSTRUCTION CONTRACTS AWARDED IN 37 STATES—VALUE, BY DISTRICTS AND STATES: 1944 to 1951

[Value in thousands of dollars. See headnote, table 896]

DISTRICT AND STATE	1944	1945	1946	1947	1948	1949	1950	1951
Total (37 states).....	1,994,016	3,299,303	7,489,722	7,759,868	9,429,618	10,359,250	14,501,055	15,751,131
New England.....	88,778	164,627	563,411	526,097	605,599	643,220	959,993	1,015,919
Connecticut.....	23,623	55,313	172,129	167,034	183,683	192,274	289,850	302,888
Maine.....	6,531	6,816	38,347	24,720	25,974	29,705	39,509	55,571
Massachusetts.....	39,988	82,895	292,511	264,260	304,173	330,944	485,577	520,110
New Hampshire.....	3,456	4,704	17,367	23,131	27,845	25,492	33,879	30,994
Rhode Island.....	13,980	12,121	29,741	29,868	45,983	46,379	90,192	77,721
Vermont.....	1,200	2,778	13,316	17,075	17,938	18,426	20,806	18,665
Metrop. N. Y. and No. N. J.....	156,949	247,454	897,443	968,350	1,111,608	1,440,153	1,867,383	1,665,377
Northern New Jersey.....	103,743	101,618	307,756	299,750	346,460	332,476	607,893	533,746
Metropolitan New York ¹	53,206	145,836	589,687	668,600	765,143	1,107,677	1,259,490	1,131,631
Upstate New York¹.....	54,612	79,289	269,767	253,333	383,280	428,937	507,194	521,430
Middle Atlantic.....	337,381	458,308	958,407	963,233	1,227,366	1,358,431	1,552,488	1,887,144
Delaware.....	7,837	13,913	17,918	25,231	57,226	51,932	62,418	72,427
District of Columbia.....	30,382	41,510	61,633	78,948	71,980	128,777	96,514	66,861
Maryland.....	83,951	101,725	297,933	270,502	326,085	371,813	536,264	490,757
Southern New Jersey.....	14,157	30,745	71,995	54,809	65,213	75,631	139,878	142,712
Eastern Pennsylvania.....	93,807	157,784	316,033	342,441	507,304	472,122	624,747	645,342
Virginia.....	107,247	112,631	192,895	191,302	199,558	258,256	392,667	460,045
Southeast.....	256,159	483,917	1,025,337	939,611	1,115,920	1,232,689	1,769,169	2,433,056
Alabama.....	30,484	50,870	141,245	118,908	128,234	176,354	226,588	223,423
Florida.....	81,256	106,027	287,847	344,728	392,092	361,983	531,938	508,425
Georgia.....	42,300	66,759	195,737	149,219	181,531	215,067	296,170	318,082
North Carolina.....	46,293	80,664	180,286	161,038	188,367	193,873	287,820	304,000
South Carolina.....	21,784	21,948	119,020	76,651	88,581	101,267	134,229	762,486
Eastern Tennessee.....	34,042	157,749	101,202	89,067	137,115	184,045	292,424	226,640
Pittsburgh.....	61,515	91,797	245,649	278,966	358,806	391,058	608,846	498,269
Western Pennsylvania.....	35,709	60,953	161,577	209,821	256,578	319,132	512,988	386,421
West Virginia.....	25,716	30,844	84,072	69,148	102,228	71,926	95,858	102,848
Cleveland (North and East Ohio).....	99,071	184,027	431,438	383,979	466,597	499,263	709,362	718,541
Cincinnati.....	46,605	110,110	235,520	243,670	255,387	310,462	460,006	957,554
Kentucky.....	22,338	45,565	100,582	115,807	119,747	156,016	191,187	595,185
Southwest Ohio.....	24,267	64,545	134,938	127,863	135,640	154,440	268,819	302,369
Southern Michigan.....	85,619	173,979	390,318	412,591	478,770	542,129	820,368	838,291
Chicago.....	258,952	509,695	963,007	889,136	1,194,665	1,189,760	1,656,813	1,692,811
Northern Illinois.....	99,007	201,114	426,158	408,970	557,828	504,151	755,538	749,282
Indiana.....	66,032	184,712	253,837	198,233	244,090	236,055	389,153	464,319
Iowa.....	33,297	48,792	118,846	95,186	156,703	150,225	193,980	168,045
Northern Michigan.....	2,551	2,680	12,254	9,228	19,545	17,779	17,267	14,851
Southeast Wisconsin.....	58,065	72,397	151,912	177,517	216,400	231,550	300,895	296,314
St. Louis.....	110,985	214,991	320,689	463,972	500,581	512,815	683,663	699,449
Arkansas.....	42,251	70,568	88,103	108,283	105,623	101,010	126,076	107,394
Southern Illinois.....	30,531	46,043	65,597	154,580	145,805	139,908	174,289	231,960
Eastern Missouri.....	27,800	63,814	105,385	131,466	167,734	191,626	279,144	256,113
Western Tennessee.....	10,403	29,066	61,604	69,643	81,410	80,276	104,154	103,682
New Orleans.....	73,481	70,413	119,327	231,356	271,989	315,887	414,673	395,388
Louisiana.....	52,796	46,312	74,638	151,823	199,217	227,495	311,198	281,231
Mississippi.....	20,685	24,101	44,689	79,533	72,722	88,392	103,475	114,157
Minneapolis.....	40,823	83,335	243,648	241,288	299,249	392,873	457,666	482,812
Minnesota.....	27,967	56,635	170,748	150,349	182,226	207,009	301,443	307,131
North Dakota.....	4,400	6,703	22,747	37,487	45,685	84,745	62,790	40,078
South Dakota.....	4,228	7,626	28,381	30,298	39,529	70,256	62,002	100,317
Northwest Wisconsin.....	4,228	12,871	21,772	23,154	31,809	30,863	31,431	35,286
Kansas City.....	163,230	162,757	292,252	340,128	443,687	475,273	661,929	722,275
Kansas.....	67,551	49,511	92,988	118,475	122,078	152,524	213,574	252,794
Western Missouri.....	16,048	30,080	59,315	53,017	81,051	86,656	89,321	115,204
Nebraska.....	43,447	38,217	50,025	64,368	99,679	73,507	106,071	111,990
Oklahoma.....	36,184	44,949	89,924	103,368	139,979	162,586	252,963	242,287
Texas.....	159,856	264,604	533,509	624,155	716,164	676,400	1,071,502	1,231,815
Totals for States in more than one district:								
Illinois.....	129,538	247,157	491,755	563,550	703,633	644,054	929,827	981,242
Michigan.....	88,170	176,659	402,572	421,819	498,315	559,908	837,635	853,142
Missouri.....	43,848	93,394	164,700	185,383	248,785	278,282	368,465	371,317
New Jersey.....	117,900	132,363	379,751	354,559	411,673	408,007	746,671	676,458
New York.....	107,818	225,125	859,454	921,933	1,148,428	1,636,614	1,767,684	1,653,061
Ohio.....	128,338	218,572	566,376	511,842	602,237	653,709	978,181	1,080,010
Pennsylvania.....	129,606	248,737	477,610	552,202	763,882	791,254	1,137,735	1,031,763
Tennessee.....	44,445	186,815	162,806	158,710	218,534	264,421	396,578	330,622
Wisconsin.....	62,293	84,768	173,684	200,671	248,218	262,413	332,326	331,600

¹ Includes 5 boroughs, Nassau, Orange, Putnam, Rockland, Suffolk, and Westchester Counties.² All counties north of Orange, Putnam, and Rockland.Source: The F. W. Dodge Corp., New York, N. Y.; figures published currently in *Statistical Research Service*.

No. 898.—CONSTRUCTION CONTRACTS AWARDED—INDEXES OF VALUE: 1920 TO 1951

[1947-49=100. Indexes are derived from monthly figures of construction contracts awarded reported by F. W. Dodge Corporation. Reports covered 37 States beginning with May 1924 and a varying number for earlier years. In order to obtain comparable figures from 1919 to date, total value of construction contracts awarded in 37 States was estimated for January 1919 through April 1924. Seasonal adjustments computed separately for "residential" and "all other" types of construction and the two series combined. Indexes based on a 3-month moving average, centered at middle month. More detailed description of indexes obtainable from the Division of Research and Statistics, Board of Governors of the Federal Reserve System]

YEAR	Total	Resi- den- tial	All other	YEAR	Total	Resi- den- tial	All other	YEAR AND MONTH	Total	Resi- den- tial	All other
1920-----	34	18	45	1936-----	30	22	35	1951			
1921-----	30	27	32	1937-----	32	25	36	January-----	178	188	171
1922-----	43	41	43	1938-----	34	27	40	February-----	173	187	164
1923-----	45	49	42	1939-----	39	37	40	March-----	163	176	154
1924-----	51	57	46	1940-----	44	43	44	April-----	199	170	219
1925-----	66	75	59	1941-----	66	54	74	May-----	193	166	211
1926-----	69	73	67	1942-----	89	49	116	June-----	200	174	217
1927-----	69	71	68	1943-----	37	24	45				
1928-----	73	76	70	1944-----	22	10	30	July-----	162	179	150
1929-----	63	52	70	1945-----	36	16	50	August-----	156	176	143
1930-----	49	30	62	1946-----	82	87	79	September-----	147	168	133
1931-----	34	22	41	1947-----	84	86	83	October-----	140	160	127
1932-----	15	8	20	1948-----	102	98	105	November-----	156	146	162
1933-----	14	7	18	1949-----	113	116	111	December-----	166	145	180
1934-----	17	7	24	1950-----	159	185	142				
1935-----	20	13	25	1951-----	171	170	172				

Source: Board of Governors of the Federal Reserve System; published currently in *Federal Reserve Bulletin*.

No. 899.—ENGINEERING CONSTRUCTION CONTRACTS AWARDED AND BACKLOG OF PROPOSED CONSTRUCTION—VOLUME, BY TYPE: 1930 TO 1951

[In millions of dollars. Covers continental U. S. construction projects of following minimum costs through 1945 (except for 1932-35): Waterworks, excavation, drainage, and irrigation, \$15,000; other public works, \$25,000; industrial buildings, \$40,000; other buildings, \$150,000. For 1946-47, these minimums were raised to \$22,500, \$40,000, \$55,000, and \$205,000, respectively, to account for rise in construction costs. For 1948-50, minimums used were: \$28,000, \$50,000, \$68,000, and \$250,000. For 1951, minimums used were: \$34,000, \$60,000, \$82,000, and \$300,000. For 1932-35, minimums used were: \$10,500, \$17,500, \$28,000, and \$105,000]

YEAR	Total	PUBLIC WORKS						PRIVATE BUILDINGS		Un- classi- fied
		Water- works	Sewer- age	Bridges ¹	Earth- work, irr., drain.	Streets, roads	Build- ings	Indus- trial	Com- mercial	
CONTRACTS AWARDED										
1930-----	3,173	49	83	131	77	585	356	331	1,034	528
1931-----	2,432	57	73	116	143	545	384	166	561	387
1932-----	1,219	35	25	84	101	380	241	93	166	95
1933-----	1,068	67	22	98	137	288	121	152	106	77
1934-----	1,861	92	61	99	266	345	204	105	81	106
1935-----	1,590	81	100	98	259	325	298	172	109	148
1936-----	2,387	92	121	188	182	483	436	309	275	300
1937-----	2,437	104	95	133	110	415	333	477	460	309
1938-----	2,792	131	136	135	268	638	503	152	550	279
1939-----	3,003	163	160	151	233	644	593	283	388	390
1940-----	3,987	70	91	120	234	678	1,196	594	400	603
1941-----	5,869	77	89	112	245	583	2,786	496	486	996
1942-----	* 9,306	151	118	50	251	531	5,678	200	292	2,034
1943-----	* 3,062	46	41	26	47	227	1,419	167	231	858
1944-----	1,730	33	32	17	64	196	658	174	140	416
1945-----	2,289	61	35	53	57	227	463	635	387	371
1946-----	5,176	109	114	129	328	769	414	1,113	1,846	354
1947-----	5,659	139	175	196	327	794	615	862	1,898	652
1948-----	7,219	209	228	303	519	996	1,161	1,096	1,888	820
1949-----	8,157	207	277	357	524	897	1,736	950	2,406	803
1950-----	12,352	215	287	369	417	1,268	2,764	1,683	4,092	1,256
1951-----	13,605	209	335	316	505	1,167	2,701	4,124	2,632	1,617
BACKLOG OF PROPOSED PROJECTS										
1950-----	52,113	1,387	2,182	1,692	7,282	4,598	12,050	5,753	6,963	10,206
1951-----	62,147	1,432	2,372	2,030	7,444	5,129	13,569	9,400	7,993	12,777

¹ Includes private; amount of contracts awarded in 1951, \$11,790,000.

² \$1,300 millions canceled by W. F. B.

³ Add \$1,357 millions for Atomic Bomb plants.

Source: Engineering News-Record, New York, N. Y.

No. 900.—ENGINEERING CONSTRUCTION CONTRACTS AWARDED—VOLUME, BY TYPE,
BY STATES: 1951

[In thousands of dollars. Covers continental U. S. construction projects of following minimum costs: Waterworks, excavation, and irrigation, \$34,000; other public works, \$60,000; industrial buildings, \$82,000; other buildings, \$300,000]

STATE	Total	PUBLIC WORKS CONTRACTS						PRIVATE CONTRACT BUILDINGS		Unclassified
		Water-works	Sewerage	Bridges	Earth-work, Irr., drain.	Streets, roads	Buildings	Industrial	Commercial	
United States	13,605,363	208,813	335,089	315,945	504,517	1,166,988	2,701,498	4,123,526	2,632,039	1,616,948
Alabama	212,021	1,047	9,884	4,573	12,076	15,418	47,847	84,065	15,962	21,010
Arizona	65,650	399	831	555	8,184	10,952	5,974	8,500	10,063	20,202
Arkansas	154,872	728	3,804	1,006	8,014	13,173	13,068	70,933	18,846	25,305
California	1,142,486	19,653	35,363	31,698	76,457	77,750	258,964	239,524	209,992	193,985
Colorado	188,221	8,420	2,329	601	19,338	13,298	81,002	20,141	31,366	11,726
Connecticut	129,611	746	7,724	2,570	355	10,092	49,425	27,926	29,488	1,284
Delaware	85,593	4,622	2,768	1,315	54	2,106	5,525	17,439	49,090	2,654
Dist. of Columbia	33,439	1,872	759	80	-----	2,941	19,930	250	2,260	5,367
Florida	317,586	4,816	6,004	30,538	8,598	30,233	35,003	62,049	82,247	58,237
Georgia	282,212	2,574	5,473	4,849	4,479	20,414	66,584	94,283	49,055	34,501
Idaho	33,704	244	293	1,736	11,746	5,630	2,347	8,461	375	42,872
Illinois	797,971	4,935	41,882	14,463	6,357	51,862	120,142	336,204	160,097	62,049
Indiana	343,836	6,370	6,437	2,607	1,478	22,048	67,624	166,880	47,134	23,208
Iowa	130,128	1,092	1,644	12,998	2,355	49,026	13,623	16,668	15,221	17,501
Kansas	191,056	844	3,846	3,013	5,549	19,780	31,154	22,179	60,375	44,816
Kentucky	447,367	3,112	3,904	1,748	1,145	27,632	187,266	180,085	30,158	15,537
Louisiana	394,419	4,106	5,204	11,160	10,450	28,130	40,008	108,680	53,936	66,745
Maine	60,291	-----	1,097	919	217	7,049	9,447	2,750	-----	38,212
Maryland	257,144	9,424	4,378	9,381	1,348	25,126	109,615	29,155	60,195	8,522
Massachusetts	357,698	5,626	3,781	27,464	1,349	10,570	194,216	61,445	40,893	16,054
Michigan	607,214	11,020	17,864	7,987	387	39,319	116,505	229,748	163,360	21,024
Minnesota	254,326	2,037	4,402	3,373	3,779	34,382	37,744	144,037	10,635	13,937
Mississippi	142,890	1,067	3,075	7,819	6,888	15,055	14,389	43,453	7,933	42,746
Missouri	336,401	2,406	3,522	10,528	11,198	26,492	12,679	148,613	80,155	40,808
Montana	43,300	263	11	1,559	1,355	15,694	4,011	3,790	6,572	10,065
Nebraska	78,487	902	451	4,440	4,079	13,376	20,788	4,202	8,747	21,502
Nevada	69,415	334	1,704	62	662	4,761	6,006	51,582	-----	4,244
New Hampshire	8,251	105	-----	341	-----	5,530	458	650	1,000	167
New Jersey	345,592	1,727	11,643	10,854	4,800	19,450	66,942	75,685	144,910	9,521
New Mexico	79,430	270	1,479	62	1,740	11,144	34,336	304	3,274	26,821
New York	826,252	7,432	15,156	20,548	4,472	33,178	193,621	138,296	359,818	53,731
North Carolina	193,650	9,055	2,449	8,239	362	39,771	55,617	23,612	33,846	20,699
North Dakota	58,102	1,135	1,614	3,884	20,420	9,809	2,263	10,444	881	7,663
Ohio	502,167	13,419	11,520	3,644	1,352	45,752	78,935	221,735	105,394	20,356
Oklahoma	127,901	3,028	6,146	6,063	4,179	42,518	14,085	20,602	6,935	24,405
Oregon	163,889	2,696	4,996	7,053	91,006	27,001	9,370	5,449	4,281	12,037
Pennsylvania	1,028,976	5,458	20,278	9,587	18,622	74,300	98,980	502,411	261,140	38,200
Rhode Island	62,166	1,239	4,885	249	1,708	3,305	13,185	23,941	7,855	5,822
South Carolina	148,144	1,540	4,998	1,793	1,599	18,400	20,020	26,298	51,778	21,718
South Dakota	100,817	951	848	6,815	46,407	12,177	599	562	3,146	29,812
Tennessee	318,233	8,618	5,292	2,292	2,198	20,250	168,877	30,300	44,132	33,004
Texas	1,575,695	37,152	43,944	12,183	29,171	97,745	150,155	619,526	281,767	295,062
Utah	72,639	713	111	412	-----	8,677	24,356	14,493	18,773	5,148
Vermont	5,915	70	709	369	210	1,372	2,335	-----	-----	850
Virginia	213,335	5,321	9,510	6,015	4,525	28,687	89,038	9,500	15,845	41,719
Washington	364,069	5,099	3,951	8,263	52,468	20,927	66,436	47,628	32,012	87,185
West Virginia	90,372	235	70	2,456	-----	8,124	8,207	71,889	2,171	595
Wisconsin	130,400	3,784	6,468	4,489	242	31,306	21,870	46,507	8,731	7,103
Wyoming	31,713	312	458	1,212	5,110	8,656	1,926	647	325	13,067

¹ Includes bridges under private contracts amounting to \$11,790,000.

Source: Engineering News-Record, New York, N. Y.

**No. 901.—BUILDING CONSTRUCTION IN CITIES OF 50,000 OR MORE INHABITANTS—
VALUE OF ALL CONSTRUCTION AND NUMBER OF NEW DWELLING UNITS: 1946
TO 1950**

[Value figures are derived from estimates of construction costs made by prospective builders when applying for permits to build and value of contracts awarded by Federal Government. No land costs are included. For type of building covered see table 892. Cities shown had a population of 50,000 and over in 1940]

CITY	VALUE OF ALL CONSTRUCTION (\$1,000)					NUMBER OF NEW DWELLING UNITS				
	1946	1947	1948	1949	1950 ¹	1946	1947	1948	1949	1950 ¹
Akron, Ohio.....	13,880	18,037	24,754	19,110	33,342	1,381	1,006	1,154	1,111	2,041
Albany, N. Y.....	4,935	7,184	10,743	9,148	11,062	108	449	201	187	949
Allentown, Pa.....	4,498	5,632	6,979	6,192	11,287	275	391	429	226	486
Altoona, Pa.....	1,491	2,708	2,807	1,442	3,044	185	119	100	75	117
Amarillo, Tex.....	7,566	9,111	10,994	16,939	26,081	1,198	1,152	1,444	1,986	2,350
Arlington Co., Va. ²	14,023	24,709	21,250	27,173	29,850	1,458	2,611	1,909	2,468	2,052
Asheville, N. C.....	1,763	2,951	2,929	4,352	4,627	231	263	194	664	447
Atlanta, Ga.....	23,403	28,439	31,822	30,415	48,569	1,533	1,779	1,071	2,144	3,773
Atlantic City, N. J.....	2,188	2,017	2,077	1,777	8,141	167	16	28	38	981
Augusta, Ga.....	1,965	3,592	4,152	3,304	4,658	263	285	340	233	243
Austin, Tex.....	19,033	20,757	27,295	31,090	39,622	3,789	2,234	2,609	1,840	2,837
Baltimore, Md.....	50,016	45,168	57,552	55,921	90,252	5,045	5,505	5,923	5,039	7,771
Bayonne, N. J.....	1,774	1,786	4,206	1,908	2,868	219	169	20	115	278
Beaumont, Tex.....	3,798	6,708	9,424	9,336	9,279	663	800	1,286	1,116	823
Berkeley, Calif.....	7,079	8,500	10,385	8,499	14,885	389	309	367	386	433
Bethlehem, Pa.....	2,581	2,671	5,315	3,369	10,062	165	164	304	240	666
Binghamton, N. Y.....	3,102	4,010	4,872	4,839	3,767	372	159	204	325	246
Birmingham, Ala.....	15,764	18,041	18,143	37,865	38,238	2,067	2,416	1,803	4,193	4,019
Boston, Mass. ⁴	42,906	31,477	54,987	43,175	68,068	1,023	890	1,642	1,598	2,353
Bridgeport, Conn.....	5,304	6,547	7,243	4,014	17,040	222	479	352	222	1,301
Brockton, Mass.....	1,683	3,113	2,285	3,664	3,933	127	170	157	304	170
Buffalo, N. Y.....	16,197	27,077	15,049	15,934	20,808	270	466	630	873	1,355
Cambridge, Mass.....	8,818	9,331	8,996	14,580	6,422	766	57	91	810	55
Camden, N. J.....	5,314	9,885	8,274	5,901	8,517	362	349	336	470	805
Canton, Ohio.....	4,672	4,527	4,938	5,861	7,884	364	356	345	351	517
Cedar Rapids, Iowa.....	5,644	4,057	5,273	7,019	11,231	645	348	427	353	859
Charleston, S. C.....	1,546	1,809	4,536	3,637	3,736	44	60	178	402	135
Charleston, W. Va.....	3,403	6,560	9,861	9,683	13,241	238	402	378	347	702
Charlotte, N. C.....	9,700	10,955	17,582	23,351	32,049	1,129	1,357	1,198	3,338	3,136
Chattanooga, Tenn.....	4,923	6,782	7,810	9,027	12,336	580	513	349	442	982
Chester, Pa.....	3,713	1,324	2,613	1,234	5,545	355	35	74	9	418
Chicago, Ill.....	122,405	120,705	173,300	163,177	269,782	7,341	5,455	6,285	8,091	16,196
Cicero, Ill.....	2,707	3,098	3,354	3,619	5,894	76	158	126	56	139
Cincinnati, Ohio.....	35,625	31,117	40,899	37,004	61,472	2,132	1,144	1,307	1,090	2,349
Cleveland, Ohio.....	38,547	43,028	40,766	40,753	66,489	2,157	2,123	1,032	2,195	2,913
Cleveland Heights, Ohio.....	1,361	3,394	3,512	5,202	6,278	99	182	138	220	338
Columbia, S. C.....	3,328	5,547	6,842	8,571	9,163	565	577	436	561	664
Columbus, Ga.....	3,483	3,687	3,856	5,533	11,205	120	206	1,199	493	590
Columbus, Ohio.....	19,464	23,849	30,653	34,074	48,733	2,516	1,977	1,991	2,619	4,549
Corpus Christi, Tex.....	9,873	14,627	15,767	16,113	25,683	1,156	1,705	1,075	1,855	2,461
Covington, Ky.....	958	835	1,242	2,090	634	22	28	30	17	22
Dallas, Tex.....	44,628	53,258	76,061	69,079	132,948	5,546	7,736	6,981	6,309	12,197
Davenport, Iowa.....	4,270	4,637	5,761	5,540	10,570	438	319	310	251	547
Dayton, Ohio.....	10,488	13,259	12,039	13,918	21,824	859	1,146	759	1,009	1,743
Dearborn, Mich.....	9,819	17,137	20,562	30,582	43,405	774	1,352	1,354	1,873	2,486
Decatur, Ill.....	2,349	4,057	3,027	3,750	4,984	259	220	220	320	297
Denver, Colo.....	30,049	29,178	48,372	43,713	66,797	5,181	2,692	3,079	3,947	6,911
Des Moines, Iowa.....	13,255	12,676	12,471	26,582	24,870	1,394	968	938	1,468	1,842
Detroit, Mich.....	116,848	147,607	141,388	188,382	209,275	9,496	10,973	7,235	13,336	13,565
Duluth, Minn.....	4,432	4,540	5,937	6,649	7,654	524	299	412	325	651
Durham, N. C.....	4,380	5,646	8,698	8,694	17,090	326	516	554	493	617
East Chicago, Ind.....	3,570	2,614	1,832	1,728	2,966	46	40	38	34	132
East Orange, N. J.....	2,310	4,348	3,891	10,806	9,724	304	336	322	1,644	545
East St. Louis, Ill.....	3,135	2,307	2,568	4,080	3,437	191	213	255	212	264
Elizabeth, N. J.....	2,789	5,395	2,944	4,101	6,897	289	717	32	544	708
El Paso, Tex.....	5,325	8,011	13,171	16,204	24,897	707	566	876	1,364	2,379
Erie, Pa.....	5,739	4,663	13,422	7,557	13,743	578	433	596	534	1,115
Evansville, Ind.....	6,910	8,154	10,264	11,087	14,151	441	502	282	285	580
Evansville, Ind.....	3,573	4,646	4,874	5,168	5,103	337	787	399	419	717
Fall River, Mass.....	2,025	1,788	2,260	4,198	3,860	204	118	130	430	289
Flint, Mich.....	10,497	11,141	12,171	14,924	26,368	891	875	658	978	2,015
Fort Wayne, Ind.....	7,002	9,318	8,829	10,662	13,727	790	772	600	779	1,231
Fort Worth, Tex.....	24,227	27,897	29,517	29,862	48,176	4,234	4,493	3,223	4,131	7,131
Fresno, Calif.....	8,750	14,786	12,338	12,993	15,698	909	755	769	1,231	1,757
Galveston, Tex.....	2,939	2,472	3,683	7,960	7,368	261	206	404	300	322

For footnotes, see p. 734.

No. 901.—BUILDING CONSTRUCTION IN CITIES OF 50,000 OR MORE INHABITANTS—
VALUE OF ALL CONSTRUCTION AND NUMBER OF NEW DWELLING UNITS: 1946 TO
1950—Continued

CITY	VALUE OF ALL CONSTRUCTION (\$1,000)					NUMBER OF NEW DWELLING UNITS				
	1946	1947	1948	1949	1950 ¹	1946	1947	1948	1949	1950 ¹
Gary, Ind.	6,079	9,194	11,458	13,941	17,130	686	1,199	1,066	1,826	1,503
Glendale, Calif.	8,272	10,360	14,493	8,560	13,200	857	972	1,269	888	1,170
Grand Rapids, Mich.	8,632	9,460	15,130	12,879	18,310	873	658	782	688	1,510
Greensboro, N. C.	4,299	8,888	10,315	10,958	21,150	618	1,160	858	1,116	1,039
Hamilton, Ohio	2,562	4,642	3,156	3,506	5,114	301	419	225	356	475
Hammond, Ind.	7,682	6,723	7,784	7,555	12,664	744	659	571	713	1,129
Harrisburg, Pa.	4,237	5,662	6,354	7,791	8,423	448	172	354	478	392
Hartford, Conn.	10,459	10,171	13,943	12,250	20,159	366	207	670	547	882
Highland Park, Mich.	1,351	3,301	2,679	2,093	4,669	2	1		4	4
Hoboken, N. J.	1,786	2,315	2,088	1,060	10,917				2	10,694
Holyoke, Mass.	1,826	1,767	2,007	1,492	5,356	36	130	83	74	321
Houston, Tex.	53,899	72,631	98,952	82,613	180,112	5,709	5,881	7,517	5,822	11,909
Huntington, W. Va.	4,095	4,992	7,628	5,378	7,778	740	584	494	406	625
Indianapolis, Ind.	14,753	26,806	32,495	40,654	36,404	1,771	2,377	1,825	3,033	3,556
Irvine, N. J.	799	2,462	2,816	11,023	2,614	36	326	77	1,994	174
Jackson, Miss.	6,946	9,661	13,377	16,558	14,939	835	934	854	1,993	1,557
Jacksonville, Fla.	15,686	21,128	16,111	22,480	21,700	1,460	1,541	1,172	1,987	2,033
Jersey City, N. J.	3,878	6,357	7,683	7,150	5,274	377	13	10	450	106
Johnstown, Pa.	1,641	994	1,485	2,441	6,168	44	39	60	66	282
Kalamazoo, Mich.	3,232	2,809	3,079	4,934	3,962	271	62	146	108	139
Kansas City, Kans.	2,997	3,847	5,693	6,846	7,047	295	304	266	358	554
Kansas City, Mo.	18,202	17,738	35,563	36,864	44,094	1,545	910	2,005	2,363	2,957
Knoxville, Tenn.	13,383	10,656	11,560	7,347	19,951	1,272	812	443	433	1,790
Lakewood, Ohio	1,294	1,577	1,390	3,022	7,527	229	78	30	53	383
Lancaster, Pa.	1,628	4,640	4,194	6,075	3,552	118	285	212	104	192
Lansing, Mich.	4,483	4,612	6,286	7,125	13,314	391	355	320	406	757
Lawrence, Mass.	1,611	1,997	3,321	3,118	2,723	49	100	183	305	88
Lincoln, Nebr.	7,124	9,875	5,510	7,044	13,010	447	1,023	510	622	1,233
Little Rock, Ark.	7,585	11,722	20,534	9,244	18,311	844	1,713	658	633	929
Long Beach, Calif.	37,426	35,233	38,264	38,762	38,579	3,330	3,979	3,269	2,542	1,810
Los Angeles, Calif.	227,742	259,041	372,978	282,301	407,096	24,532	21,138	30,328	26,101	30,798
Louisville, Ky.	15,957	18,769	14,270	22,349	23,177	1,877	2,665	1,380	1,373	2,310
Lowell, Mass.	1,697	1,871	1,141	5,306	2,009	323	82	130	391	136
Lynn, Mass.	2,897	2,962	6,229	4,943	7,564	218	124	182	344	584
Macon, Ga.	2,438	2,937	3,973	2,899	4,174	175	132	149	190	341
Madison, Wis.	6,183	5,370	7,309	16,772	15,249	399	625	543	696	1,168
Malden, Mass.	2,293	1,798	1,658	2,280	2,236	150	82	81	186	165
Manchester, N. H.	3,578	4,830	10,494	5,186	8,341	344	460	731	496	449
McKeesport, Pa.	1,203	1,567	1,950	2,191	3,645	36	60	71	93	155
Medford, Mass.	1,026	2,003	11,243	2,726	2,986	354	77	11,99	252	157
Memphis, Tenn.	22,581	27,047	32,223	34,926	55,323	2,488	3,440	3,443	4,218	6,682
Miami, Fla.	26,396	51,628	54,888	43,627	47,038	2,615	6,043	5,711	4,900	4,664
Milwaukee, Wis.	36,263	31,614	53,398	58,154	87,926	2,783	1,733	2,859	3,437	6,322
Minneapolis, Minn.	29,770	30,931	37,282	39,920	45,868	2,935	1,381	1,655	2,477	2,900
Mobile, Ala.	5,297	5,493	10,025	12,606	12,932	771	688	1,031	852	1,743
Montgomery, Ala.	4,281	6,015	6,029	9,614	13,199	876	965	745	2,190	2,293
Mount Vernon, N. Y.	1,640	2,655	4,061	11,427	8,081	70	106	190	1,104	999
Nashville, Tenn.	7,959	6,798	9,785	18,774	16,392	701	522	321	688	1,024
Newark, N. J.	11,127	16,080	25,914	9,641	23,501	419	695	397	849	293
New Bedford, Mass.	2,649	2,166	2,125	3,948	4,218	268	126	151	336	387
New Britain, Conn.	3,080	1,707	2,434	3,406	4,668	413	143	189	277	645
New Haven, Conn.	8,087	7,774	11,111	7,559	14,048	732	338	577	247	1,093
New Orleans, La.	15,072	12,464	28,288	56,036	77,543	2,427	1,335	3,446	4,248	5,091
New Rochelle, N. Y.	2,557	2,785	8,312	3,312	8,534	192	90	549	195	879
Newton, Mass.	3,522	7,025	9,834	8,040	12,435	286	885	820	356	735
New York, N. Y.: ¹²										
Bronx	15,809	14,797	47,753	92,147	45,727	2,822	908	4,751	9,513	3,689
Brooklyn	39,483	46,872	46,667	117,080	69,864	5,460	2,474	3,397	11,835	6,391
Manhattan	100,004	62,268	80,513	177,374	116,236	15,307	5,530	3,304	6,619	4,317
Queens	87,766	79,129	129,348	133,353	187,136	13,810	8,893	13,303	15,104	23,553
Richmond	3,472	3,816	10,990	11,388	4,505	254	345	1,054	1,097	417
Niagara Falls, N. Y.	4,233	6,654	7,521	8,320	10,254	249	398	610	492	913
Norfolk, Va.	5,474	16,402	16,035	12,234	16,517	585	1,419	1,936	1,509	1,704
Oakland, Calif.	23,363	27,389	37,408	30,596	31,139	1,406	1,708	1,354	1,339	1,491
Oak Park, Ill.	866	1,607	3,815	1,574	2,257	89	165	30	52	93
Oklahoma City, Okla.	13,822	14,276	12,430	16,688	50,643	1,538	1,935	985	1,025	4,120
Omaha, Nebr.	13,155	8,823	23,043	13,971	28,014	1,059	931	777	1,307	2,533
Pasadena, Calif.	12,959	13,819	16,809	16,646	20,590	782	883	1,012	1,106	1,497
Passaic, N. J.	2,575	3,038	2,035	3,607	5,659	194	240	78	490	103
Patterson, N. J.	3,821	3,108	4,488	4,258	7,692	309	99	152	194	472
Pawtucket, R. I.	2,561	5,505	4,998	4,126	5,505	273	435	508	456	547

For footnotes, see p. 734.

No. 901.—BUILDING CONSTRUCTION IN CITIES OF 50,000 OR MORE INHABITANTS—
VALUE OF ALL CONSTRUCTION AND NUMBER OF NEW DWELLING UNITS: 1946
TO 1950—Continued

CITY	VALUE OF ALL CONSTRUCTION (\$1,000)					NUMBER OF NEW DWELLING UNITS				
	1946	1947	1948	1949	1950 ¹	1946	1947	1948	1949	1950 ¹
Peoria, Ill.	4,436	4,451	8,451	6,103	11,122	316	314	367	255	597
Phoenix, Ariz.	8,534	9,679	16,571	12,071	15,400	817	818	1,416	467	1,169
Philadelphia, Pa.	65,499	72,780	93,597	88,126	155,523	5,611	5,321	5,061	6,555	12,310
Pittsburgh, Pa.	18,204	18,700	26,464	43,034	105,383	1,386	1,760	938	1,842	3,320
Pontiac, Mich.	9,608	4,438	4,238	8,836	9,387	345	241	203	592	584
Portland, Maine	2,643	3,425	4,490	3,346	5,477	104	183	155	137	233
Portland, Oreg.	34,922	39,953	52,258	47,656	63,324	2,434	2,275	3,067	2,976	3,824
Portsmouth, Va.	1,688	1,596	2,483	2,013	4,112	61	324	275	188	419
Providence, R. I.	12,529	8,636	11,863	10,222	18,102	197	178	454	267	775
Pueblo, Colo.	2,132	1,966	3,633	4,171	7,008	332	308	496	604	919
Quincy, Mass.	3,618	4,064	4,458	7,361	3,956	274	324	278	651	311
Racine, Wis.	3,206	6,563	5,175	4,846	9,531	274	348	204	261	604
Reading, Pa.	2,776	2,645	2,004	3,253	4,766	101	29	40	377	79
Richmond, Va.	18,266	16,611	21,466	18,074	32,047	1,799	1,722	943	890	1,336
Roanoke, Va.	5,982	7,504	7,221	14,075	17,487	565	455	391	968	1,216
Rochester, N. Y.	10,918	15,847	16,091	19,313	16,404	631	1,090	459	1,083	1,040
Rockford, Ill.	3,736	4,713	6,553	4,909	11,686	539	352	456	370	891
Sacramento, Calif.	13,427	12,849	17,432	18,814	30,523	1,779	1,174	1,473	1,267	3,048
Saginaw, Mich.	4,460	3,405	7,747	4,240	6,108	602	378	348	552	575
St. Joseph, Mo.	759	1,151	1,291	1,220	1,727	68	99	147	122	212
St. Louis, Mo.	31,639	28,479	28,242	30,413	73,481	2,370	841	1,337	1,559	4,145
St. Paul, Minn.	20,118	18,126	23,846	21,602	49,039	1,797	1,174	998	1,295	3,216
St. Petersburg, Fla.	10,188	17,426	20,523	21,675	30,870	1,533	2,295	2,088	2,498	3,306
Salt Lake City, Utah	14,057	11,368	14,960	18,086	33,740	1,709	1,146	1,350	1,513	2,207
San Antonio, Tex.	25,654	30,203	35,822	36,941	57,038	3,788	5,222	4,675	5,293	9,599
San Diego, Calif.	23,100	30,428	42,882	37,052	60,756	2,931	3,438	4,107	3,224	5,951
San Francisco, Calif.	50,959	48,290	62,990	68,281	85,533	3,630	3,102	3,951	3,664	3,785
San Jose, Calif.	10,376	11,451	19,486	15,231	20,937	994	818	1,629	1,221	2,034
Santa Monica, Calif.	9,894	11,817	12,672	10,664	10,276	1,265	1,428	1,356	930	869
Savannah, Ga.	3,443	5,886	5,458	4,753	7,867	480	578	750	743	1,095
Schenectady, N. Y.	4,553	2,541	3,734	8,637	4,149	177	124	184	912	229
Scranton, Pa.	2,417	3,253	2,812	3,137	5,871	25	27	41	42	324
Seattle, Wash.	41,807	40,450	61,005	53,673	57,744	3,364	3,345	2,860	3,115	3,415
Shreveport, La.	9,040	22,004	17,082	27,487	29,049	1,247	1,202	1,296	1,775	3,251
Sioux City, Iowa	2,740	3,342	7,251	6,196	10,814	442	231	357	349	763
Somerville, Mass.	1,609	2,606	1,191	3,088	3,313	2	69	3	174	249
South Bend, Ind.	7,085	9,814	12,978	12,143	21,246	906	640	953	1,078	2,012
Spokane, Wash.	14,181	18,957	26,293	18,254	33,474	1,623	1,731	1,526	1,742	2,435
Springfield, Ill.	4,915	4,865	5,241	3,876	6,754	472	351	389	247	369
Springfield, Mass.	9,606	11,220	9,905	9,294	13,346	929	574	859	665	1,192
Springfield, Mo.	4,336	4,762	4,993	4,684	20,357	637	589	367	446	763
Springfield, Ohio	2,937	5,038	3,200	4,651	6,252	308	257	241	292	540
Stockton, Calif.	6,110	6,627	10,013	6,627	9,297	604	575	682	486	952
Syracuse, N. Y.	7,254	6,982	11,884	26,027	16,570	874	404	1,110	881	1,416
Tacoma, Wash.	11,273	11,570	14,494	13,371	23,331	1,073	753	893	1,105	1,750
Tampa, Fla.	8,157	9,316	8,721	9,361	14,227	868	887	886	827	1,364
Terre Haute, Ind.	3,059	1,372	3,121	1,332	2,293	527	119	126	111	147
Toledo, Ohio	10,213	12,017	20,336	18,283	22,644	948	646	593	804	1,660
Topeka, Kans.	4,257	3,780	4,832	5,068	9,940	855	446	506	514	533
Trenton, N. J.	2,858	3,068	4,199	3,886	4,051	172	61	157	140	67
Troy, N. Y.	4,350	2,166	2,363	5,217	2,619	637	19	37	399	218
Tulsa, Okla.	9,511	11,288	14,405	15,490	18,233	1,266	1,233	1,024	1,371	1,430
Union City, N. J.	614	795	370	1,267	11,833	1	1	1	27	-----
Upper Darby Township, Pa. ²	4,179	4,803	19,693	7,610	11,257	570	601	3,653	857	611
Utica, N. Y.	2,502	2,233	2,691	6,927	2,321	76	129	240	286	213
Waco, Tex.	5,016	8,781	10,987	12,244	19,310	983	853	930	1,070	1,577
Washington, D. C.	46,253	43,016	50,936	114,734	58,509	4,000	4,303	3,797	8,254	4,857
Waterbury, Conn.	3,238	4,493	6,050	3,767	8,597	432	261	477	336	743
Waterloo, Iowa	5,137	4,413	4,644	6,746	9,186	588	312	253	350	636
Wheeling, W. Va.	2,389	3,257	3,568	3,204	4,431	42	46	100	68	130
Wichita, Kans.	14,003	16,649	22,457	22,540	28,204	1,690	1,993	2,387	3,533	3,853
Wilkes-Barre, Pa.	1,154	3,648	13,681	2,157	3,715	-----	97	23	13	47
Wilmington, Del.	5,063	3,332	5,633	10,619	8,619	208	111	136	109	276
Winston-Salem, N. C.	3,487	6,057	13,574	8,050	14,037	434	131	311	890	1,169
Worcester, Mass.	7,443	8,043	9,992	6,978	16,314	800	563	748	493	1,383
Yonkers, N. Y. ⁴	6,843	10,288	9,955	19,195	15,846	577	1,152	875	2,568	1,450
York, Pa.	2,221	3,205	2,551	3,608	2,728	176	115	66	22	77
Youngstown, Ohio	4,822	6,528	5,279	6,676	11,372	466	366	343	514	1,068

¹ Preliminary. ² Classified as urban under special rule by Bureau of the Census, 1940.

³ Excludes data for Sept. ⁴ Represents applications filed. ⁵ Excludes data for Oct.

⁶ Excludes data for Jan. ⁷ Excludes data for July and Aug.

⁸ Excludes data for July and Oct. ⁹ Excludes data for June.

¹⁰ Excludes data for May and Sept. ¹¹ Excludes data for Apr.

¹² Represents work actually started, based on inspection records. ¹³ Excludes data for Feb. and Oct.

Source: Department of Labor, Bureau of Labor Statistics. Data for cities of 100,000 or more published in monthly releases; data for cities 50,000 to 100,000 from records not published elsewhere.

No. 902.—CONSTRUCTION AND BUILDING COST INDEXES: 1915 TO 1951

[1913=100 except Aberthaw for which base year is 1914. For Bureau of Labor Statistics index of building material prices, see pp. 273 and 275. See also *Historical Statistics*, series H 64, 65, and 73, for AAC, ENR (const.), and Turner indexes]

YEAR	AAC (new) ¹	AGC ²	ENR Const. ³	ENR Bldg. ³	Boeckh, U. S. ⁴	Aber- thaw ⁵	Fuller ⁶	Turner ⁷	M & S ⁸	S. H. & G. ⁹
1915	101	100	93	95	101	100	130	103	98	-----
1916	116	114	130	131	117	107	143	120	112	-----
1917	143	152	181	167	142	126	156	147	127	-----
1918	177	175	189	156	156	147	160	166	146	-----
1919	229	198	198	159	172	172	168	196	185	-----
1920	283	247	251	207	214	234	209	252	233	-----
1921	216	200	202	166	175	179	188	183	178	-----
1922	200	184	174	155	162	170	175	175	172	-----
1923	224	201	214	186	181	202	190	196	182	190
1924	222	202	215	186	181	198	194	194	183	193
1925	217	199	207	183	179	195	193	195	185	187
1926	217	197	208	185	181	197	202	195	185	185
1927	217	200	206	186	179	193	197	190	182	185
1928	217	199	207	188	179	191	196	190	184	188
1929	217	203	207	191	184	190	201	185	179	190
1930	200	200	203	185	181	186	199	165	165	181
1931	178	196	181	168	168	176	180	145	156	148
1932	155	171	157	141	144	168	157	136	130	128
1933	150	163	170	148	148	170	155	141	143	137
1934	161	178	198	167	161	176	171	160	156	157
1935	162	176	196	166	159	177	167	162	164	161
1936	170	179	206	172	164	184	168	166	166	173
1937	198	188	235	196	183	199	187	193	180	200
1938	199	189	236	197	189	191	192	188	178	200
1939	200	188	236	197	191	190	195	182	183	199
1940	204	189	242	203	195	193	196	194	190	204
1941	217	198	258	211	204	208	206	217	202	217
1942	241	209	276	222	214	223	229	245	218	225
1943	252	216	290	229	223	225	238	257	227	245
1944	261	223	299	235	237	227	240	244	234	264
1945	271	231	308	239	252	236	241	257	248	285
1946	322	257	346	262	275	279	290	318	288	319
1947	430	298	413	313	323	304	354	380	338	371
1948	490	332	461	345	365	321	380	422	368	405
1949	490	342	477	352	369	312	382	414	365	395
1950	500	357	509	375	386	321	377	427	390	426
1951	532	377	542	401	415	370	405	478	430	476

¹ American Appraisal Co. Average for 30 cities of 4 types of buildings: Wood frame, brick-wood frame, brick-steel frame, reinforced concrete. Mechanicals not included. Based on actual appraisal costs. Available for individual cities.

² Associated General Contractors of America. Wages and materials for 12 cities combined in 40-60 ratio. Wages, prevailing rates for hod carriers and common labor. Materials, weighted: Sand, gravel and crushed stone, 1; cement, 1; lumber, 1; hollow tile, $\frac{1}{2}$; structural and reinforcing steel, $\frac{1}{4}$.

³ Engineering News Record construction cost index has 4 components: (1) Structural steel shapes, base price; (2) cement, which is 20-cities average but prior to July, 1948, was Chicago price only; (3) lumber, which until 1935 was 12 x 12 long leaf yellow pine wholesale at New York, and since 1935 is 2 x 4 S&S pine and fir in carload lots, ENR 20-cities average; (4) common labor, ENR 20-cities average of wage rates in force, ENR Building Cost index provides a more representative measure of building cost movement, the skilled labor trend having been substituted for the common labor trend in the ENR Construction Cost index, and the ENR Building Cost index computed.

⁴ E. H. Boeckh & Assoc., Inc. Individual series for 10 types of buildings for 20 areas. Weights based on studies of actual building costs—vary with different type of structures. Material prices are those paid by contractors to material dealers. Prevailing skilled and common wage rates from contractors. Base: United States average, 1926-29=100. Series given here is commercial and factory buildings, U. S. average converted to 1913=100 base.

⁵ Aberthaw. Until Mar. 31, 1946, New England, 7-story and basement (62' 4" x 202' 4"), reinforced concrete building built in 1914, repriced quarterly as a construction bid to duplicate original building; labor costs based on current experience with similar construction. Since Mar. 31, 1946, New England, composite of 36 major cost items in 3 multi-story and 2 one-story industrial buildings, including all mechanical trades, repriced using actual and estimated labor and material costs.

⁶ George A. Fuller Company. Composite of 36 major cost elements, in 3 commercial type buildings, including mechanicals, elevators, wiring, heating and ventilating, repriced.

⁷ Turner Construction Co. Eastern Cities. Own building cost experience applied to these factors: Labor rates, material prices, productivity of labor, efficiency of plant and management, competitive conditions.

⁸ Marshall and Stevens. Averages for 4 types of building: Fireproof protected steel, fireproof reinforced concrete, masonry, and frame. Designed to reflect normal costs in line with recognized or published prices of building materials, equipment, and labor. Base: U. S. average, 1926=100, converted to 1913=100 base.

⁹ Smith, Hinchman, and Grylls, Inc. Actual in-place costs, using building material costs, freight rates, skilled and unskilled labor rates and including labor efficiency and premiums, bidding competition, contractor profit margins and overhead. Figured with the contractor overhead are taxes, duration of projects, material expediting and labor procurement. This index is reported monthly on a 1926=100 base, converted to 1913=100 base.

Source: Engineering News-Record, New York, N. Y.

No. 903.—NUMBER OF PUBLIC HOUSING UNITS COMPLETED FOR OCCUPANCY: 1935 to 1951

[Covers programs administered by Housing and Home Finance Agency or Public Housing Administration]

YEAR	All public housing	LOW-RENT			War housing	Veterans' Reuse Housing
		Total	U. S. Housing Act	All other ¹		
Total	¹ 21,201,921	² 212,251	³ 181,888	⁴ 30,363	724,018	265,652
1935.....	3,932	3,932	-----	3,932	-----	-----
1936.....	1,213	1,213	-----	1,213	-----	-----
1937.....	7,849	7,849	-----	7,849	-----	-----
1938.....	17,319	17,319	-----	17,319	-----	-----
1939.....	3,858	3,858	3,858	-----	-----	-----
1940.....	31,940	31,940	31,940	-----	-----	-----
1941.....	119,634	59,848	59,848	-----	59,786	-----
1942.....	158,266	37,537	37,537	-----	120,729	-----
1943.....	374,729	27,325	27,325	-----	347,404	-----
1944.....	153,158	2,831	2,831	-----	150,327	-----
1945.....	45,026	2,949	2,949	-----	40,171	1,906
1946.....	134,726	1,804	1,804	-----	4,051	128,871
1947.....	107,097	466	466	-----	-----	106,631
1948.....	30,054	1,336	1,336	-----	1,550	27,168
1949.....	1,242	547	547	-----	-----	695
1950.....	1,582	1,201	1,201	-----	-----	381
1951.....	10,246	10,246	10,246	-----	-----	-----

¹ Includes PWA, Subsistence Homestead and Greenbelt Town projects.

² Includes 50 PWA units completed in 1934.

³ Includes 60,489 units completed as war housing of which all but 3,098 units have been returned to low-rent use.

⁴ Units completed for emergency flood projects in Portland-Vancouver area.

Source: Housing and Home Finance Agency, Public Housing Administration.

No. 904.—NUMBER OF DWELLING UNITS OWNED OR SUPERVISED BY THE PUBLIC HOUSING ADMINISTRATION, BY PROGRAM, AS OF DEC. 31, 1951

[Excludes units which have been sold to mutual housing associations, limited dividend corporations (PWA) and homesteads associations on which PHA holds mortgages for collection]

PROGRAM	TOTAL		Federally owned	Locally owned
	Number	Net change since Dec. 31, 1950		
Total	727,197	+87,415	342,285	384,912
Active.....	709,896	+91,040	324,984	384,912
Veterans' Reuse Housing.....	31,628	-4,948	1,721	129,907
Public War Housing (Lanham constructed).....	271,866	-8,123	271,866	-----
U. S. Housing Act.....	404,834	+104,111	49,829	355,005
Under management.....	211,281	+9,545	49,829	161,452
Under construction.....	90,614	+59,107	-----	90,614
Not under construction.....	² 102,939	+35,459	-----	102,939
Public Law 171.....	206,291	+104,634	-----	206,291
Public Law 412.....	117,449	³ +223	10,840	106,609
Public Law 871.....	50,094	-500	7,989	42,105
PWA.....	21,640	-----	21,640	-----
Farm Labor Camps.....	9,360	-246	9,360	-----
Subsistence Homesteads and Greenbelt Towns.....	1,568	-----	1,568	-----
Inactive—Public War Housing (Lanham constructed).....	14,944	-3,391	14,944	-----
Deferred—U. S. Housing Act.....	⁴ 2,357	-234	2,357	-----

¹ This veterans' housing is so classified even though title or income rights may not yet be formally transferred.

² Excludes 1,423 rural farm units not yet built but which are parts of active rural projects which in 1950 and prior years were included here.

³ Reflects reclassification to Public Law 412 of 232 unit project previously under Public Law 171.

⁴ Excludes 6,460 deferred rural farm units which in 1950 and prior years were included here.

Source: Housing and Home Finance Agency, Public Housing Administration; *Annual Report*.

No. 905.—NUMBER OF ACTIVE PROJECTS AND DWELLING UNITS, OWNED OR SUPERVISED BY THE PUBLIC HOUSING ADMINISTRATION, BY STATE OR OTHER AREA, AS OF DEC. 31, 1951

[See headnote, table 904]

STATE OR OTHER AREA	TOTAL PROGRAM		LOW-RENT HOUSING ¹		WAR HOUSING ²		VETERANS' REUSE HOUSING	
	Number of projects	Number of units	Number of projects	Number of units	Number of projects	Number of units	Number of projects	Number of units
Total.....	2,970	709,896	1,780	406,402	977	271,866	213	31,628
Alabama.....	130	20,149	95	11,949	30	7,465	5	735
Arizona.....	50	6,254	17	2,452	31	3,079	2	123
Arkansas.....	29	3,131	24	2,434	2	274	3	423
California.....	384	117,334	147	35,013	198	74,198	39	8,123
Colorado.....	19	4,547	15	3,784	2	198	2	565
Connecticut.....	83	20,360	31	9,324	49	10,076	3	360
Delaware.....	9	2,377	4	760	5	1,617	—	—
District of Columbia.....	35	8,421	16	4,957	17	2,566	2	898
Florida.....	93	17,287	70	13,349	20	3,615	3	323
Georgia.....	226	25,086	202	19,623	18	4,831	6	632
Idaho.....	9	818	4	420	4	370	1	28
Illinois.....	115	29,235	96	26,717	13	1,902	6	616
Indiana.....	63	9,383	28	5,268	17	3,303	8	782
Iowa.....	10	1,555	—	—	4	371	6	984
Kansas.....	13	6,152	—	—	12	6,100	1	52
Kentucky.....	45	9,261	42	8,980	2	249	1	32
Louisiana.....	58	13,142	52	12,675	3	295	3	172
Maine.....	15	2,280	1	60	14	2,230	—	—
Maryland.....	57	20,617	27	9,579	30	11,038	—	—
Massachusetts.....	66	19,039	45	15,986	12	2,615	9	438
Michigan.....	82	26,726	20	9,487	57	16,782	5	457
Minnesota.....	12	2,639	10	2,506	—	—	2	133
Mississippi.....	49	5,104	38	2,829	8	1,710	3	565
Missouri.....	15	8,831	9	7,039	1	84	5	1,038
Montana.....	12	963	7	683	5	280	—	—
Nebraska.....	14	3,258	6	1,778	8	1,480	—	—
Nevada.....	13	1,698	1	100	12	1,698	—	—
New Hampshire.....	3	1,085	1	200	2	835	—	—
New Jersey.....	107	23,095	83	19,756	11	2,876	13	463
New Mexico.....	8	545	1	78	6	447	1	20
New York.....	89	54,345	56	44,879	17	4,264	16	5,202
North Carolina.....	66	11,249	54	8,414	11	2,781	1	54
North Dakota.....	2	69	—	—	—	—	2	69
Ohio.....	106	31,686	39	15,491	56	14,436	11	1,759
Oklahoma.....	8	1,002	2	434	2	274	4	294
Oregon.....	50	8,960	10	1,022	34	7,713	6	225
Pennsylvania.....	163	43,833	90	23,028	72	20,778	1	27
Rhode Island.....	16	4,823	12	3,932	2	800	2	91
South Carolina.....	52	7,496	38	4,799	13	2,619	1	78
South Dakota.....	1	60	—	—	1	60	—	—
Tennessee.....	76	15,934	67	14,262	7	1,084	2	588
Texas.....	239	37,541	190	27,032	35	9,069	14	1,440
Utah.....	13	2,979	—	—	13	2,979	—	—
Vermont.....	3	323	—	—	3	323	—	—
Virginia.....	66	27,007	33	8,666	29	17,715	4	596
Washington.....	87	24,327	17	4,295	64	19,512	6	520
West Virginia.....	17	2,326	13	2,076	—	—	4	250
Wisconsin.....	16	3,825	8	2,518	4	828	4	479
Wyoming.....	7	795	—	—	7	795	—	—
Alaska.....	16	680	4	325	12	355	—	—
Hawaii.....	13	4,496	5	1,275	2	1,247	6	1,974
Puerto Rico.....	48	15,102	48	15,102	—	—	—	—
Virgin Islands.....	2	366	2	366	—	—	—	—

¹ Includes U. S. Housing Act and Subsistence Homestead—Greenbelt Towns program.

² Includes Public War Housing (Lanham constructed), and Homes conversion programs.

Source: Housing and Home Finance Agency, Public Housing Administration; *Annual Report*.

NO. 906.—DWELLING UNITS, URBAN AND RURAL—TYPE OF STRUCTURE, NUMBER OF ROOMS, ELECTRICITY, AND TOILET AND BATHING FACILITIES: 1950 AND 1940

[In thousands of dwelling units. Based on preliminary sample data; see source for evaluation of sampling variability]

SUBJECT	1950								1940, TOTAL	
	Total		Urban		Rural nonfarm		Rural farm		Number	Percent
	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
All dwelling units.....	45,875	100.0	29,256	100.0	10,134	100.0	6,485	100.0	37,325	100.0
TYPE OF STRUCTURE										
1 dwelling unit detached without business.....	28,651	62.5	14,106	48.2	8,364	82.5	6,180	95.3	23,898	64.0
Other 1 to 4 dwelling unit.....	11,851	25.8	10,085	34.5	1,486	14.7	280	4.3	9,500	25.5
5 to 9 dwelling unit.....	2,073	4.5	1,957	6.7	107	1.1	9	.1	1,492	4.0
10 to 19 dwelling unit.....	1,180	2.6	1,128	3.9	51	.5	1	(1)	854	2.3
20 dwelling unit or more.....	1,829	4.0	1,810	6.2	18	.2	1	(1)	1,582	4.2
Trailers.....	290	.6	169	.6	107	1.1	14	.2	(2)	(2)
NUMBER OF ROOMS										
Number reporting.....	44,711	100.0	28,688	100.0	9,734	100.0	6,289	100.0	36,832	100.0
1 room.....	1,239	2.8	805	2.8	329	3.4	104	1.7	1,307	3.5
2 rooms.....	3,443	7.7	2,209	7.7	911	9.4	323	5.1	3,215	8.7
3 rooms.....	6,635	14.8	4,559	15.9	1,400	14.4	676	10.7	5,332	14.5
4 rooms.....	9,783	21.9	6,016	21.0	2,408	24.7	1,359	21.6	6,892	18.7
5 rooms.....	9,573	21.4	6,446	22.5	1,961	20.1	1,167	18.6	7,302	19.8
6 rooms.....	7,550	16.9	5,041	17.6	1,443	14.8	1,066	17.0	6,322	17.2
7 rooms.....	3,126	7.0	1,875	6.5	600	6.2	651	10.4	2,869	7.8
8 rooms.....	1,863	4.2	965	3.4	393	4.0	506	8.0	1,886	5.1
9 rooms or more.....	1,499	3.4	773	2.7	288	3.0	438	7.0	1,707	4.6
Median number of rooms.....	4.6	-----	4.6	-----	4.4	-----	5.1	-----	4.7	-----
ELECTRIC LIGHTING										
Number reporting.....	44,942	100.0	28,763	100.0	9,824	100.0	6,355	100.0	36,747	100.0
With electric lights.....	42,264	94.0	28,445	98.9	8,883	90.4	4,936	77.7	28,915	78.7
No electric lights.....	2,678	6.0	319	1.1	941	9.6	1,418	22.3	7,831	21.3
TOILET FACILITIES										
Number reporting.....	45,124	100.0	28,879	100.0	9,861	100.0	6,384	100.0	36,770	100.0
Flush toilet inside structure, exclusive use.....	32,187	71.3	25,045	86.7	5,396	54.7	1,745	27.3	21,967	59.7
Flush toilet inside structure, shared.....	1,815	4.0	1,598	5.5	193	2.0	23	.4	1,827	5.0
Other toilet facilities (incl. privy).....	10,155	22.5	2,044	7.1	3,936	39.9	4,175	65.4	11,957	32.5
No toilet.....	968	2.1	192	.7	335	3.4	441	6.9	1,018	2.8
BATHING FACILITIES										
Number reporting.....	44,887	100.0	28,767	100.0	9,773	100.0	6,347	100.0	36,649	100.0
Installed bathtub or shower, exclusive use.....	31,084	69.2	24,029	83.5	5,210	53.3	1,845	29.1	20,606	56.2
Installed bathtub or shower, shared.....	1,674	3.7	1,474	5.1	181	1.9	19	.3	1,723	4.7
No bathtub or shower.....	12,128	27.0	3,264	11.3	4,382	44.8	4,483	70.6	14,321	39.1

¹ Less than 0.1 percent. ² Data not available.

Source: Department of Commerce, Bureau of Census; *Preliminary Reports, 1950 Census of Housing*, Series HC-5, Nos. 1 and 2.

No. 907.—DWELLING UNITS, URBAN AND RURAL—YEAR BUILT, CONDITION AND PLUMBING FACILITIES, AND WATER SUPPLY: 1950

[In thousands of dwelling units. Based on preliminary sample data; see source for evaluation of sampling variability. The 1950 count of dilapidated dwelling units and 1940 count of dwelling units needing major repairs are not comparable, because definitions of two terms differ significantly. Also, a direct comparison cannot be made between 1950 data and 1940 Census results on water supply. For definitions, see source]

SUBJECT	TOTAL		URBAN AND RURAL NONFARM						RURAL FARM	
			Total		Urban		Rural nonfarm			
	Number	Per-cent	Number	Per-cent	Number	Per-cent	Number	Per-cent	Number	Per-cent
All dwelling units.....	45,875		39,390		29,256		10,134		6,485	
YEAR BUILT										
Number reporting.....	44,117	100.0	37,846	100.0	28,292	100.0	9,555	100.0	6,271	100.0
1919 or earlier.....	20,101	45.6	16,732	44.2	13,137	46.4	3,595	37.6	3,368	53.7
1920 to 1929.....	8,907	20.2	7,806	20.6	6,267	22.2	1,540	16.1	1,101	17.6
1930 to 1939.....	5,885	13.3	4,984	13.2	3,351	11.8	1,633	17.1	900	14.4
1940 to 1944.....	3,348	7.6	3,017	8.0	2,186	7.7	831	8.7	331	5.3
1945 or later.....	5,877	13.3	5,306	14.0	3,351	11.8	1,955	20.5	571	9.1
CONDITION AND PLUMBING FACILITIES										
Number reporting.....	43,914	100.0	37,610	100.0	28,137	100.0	9,473	100.0	6,304	100.0
Not dilapidated:										
With private toilet and bath, and hot running water.....	27,872	63.5	26,476	70.4	22,074	78.5	4,402	46.5	1,396	22.1
With private toilet and bath, and only cold water.....	1,439	3.3	1,284	3.4	875	3.1	409	4.3	155	2.5
With running water, lacking private toilet or bath.....	5,293	12.1	4,368	11.6	2,943	10.5	1,425	15.0	925	14.7
No running water.....	5,243	11.9	2,727	7.3	600	2.1	2,127	22.5	2,515	39.9
Dilapidated:										
With private toilet and bath, and hot running water.....	624	1.4	592	1.6	504	1.8	87	.9	33	.5
Lacking hot water, private toilet, or private bath.....	3,444	7.8	2,164	5.8	1,141	4.1	1,024	10.8	1,280	20.3
WATER SUPPLY										
Number reporting.....	45,184	100.0	38,797	100.0	28,948	100.0	9,849	100.0	6,387	100.0
Hot and cold piped running water inside structure.....	31,426	69.6	29,687	76.5	24,676	85.2	5,012	50.9	1,738	27.2
Only cold running water inside structure.....	5,792	12.8	4,859	12.5	3,162	10.9	1,697	17.2	934	14.6
Piped running water outside structure.....	1,063	2.4	893	2.3	534	1.8	359	3.6	170	2.7
No piped running water.....	6,903	15.3	3,358	8.7	576	2.0	2,781	28.2	3,546	55.5

Source: Department of Commerce, Bureau of Census; *Preliminary Reports, 1950 Census of Housing*, Series HC-5, Nos. 1 and 2.

No. 908.—DWELLING UNITS, URBAN AND RURAL NONFARM—MORTGAGE STATUS OF OWNER-OCCUPIED UNITS: 1950 AND 1940

[In thousands of dwelling units. Based on preliminary sample data; see source for evaluation of sampling variability]

MORTGAGE STATUS	1950, URBAN AND RURAL NONFARM						1940, URBAN AND RURAL NONFARM	
	Total		Urban		Rural nonfarm		Num-ber	Per-cent
	Num-ber	Per-cent	Num-ber	Per-cent	Num-ber	Per-cent		
All owner-occupied dwelling units in 1- to 4-dwelling-unit structures without business.....	17,757	-----	13,228	-----	4,529	-----	11,413	-----
Number reporting.....	17,531	100.0	13,068	100.0	4,463	100.0	10,611	100.0
With mortgage.....	7,651	43.6	6,270	48.0	1,381	30.9	4,805	45.3
No mortgage.....	9,880	56.4	6,798	52.0	3,082	69.1	5,806	54.7

Source: Department of Commerce, Bureau of Census; *Preliminary Reports, 1950 Census of Housing*, Series HC-5, No. 1.

No. 909.—DWELLING UNITS, URBAN AND RURAL—OCCUPANCY CHARACTERISTICS: 1950

[In thousands of dwelling units. Based on preliminary sample data; see source for evaluation of sampling variability]

OCCUPANCY	TOTAL		URBAN AND RURAL NONFARM						RURAL FARM	
			Total		Urban		Rural nonfarm			
	Number	Per-cent	Number	Per-cent	Number	Per-cent	Number	Per-cent	Number	Per-cent
All dwelling units.....	45,875	100.0	39,390	100.0	29,256	100.0	10,134	100.0	6,485	100.0
Occupied dwelling units.....	42,520	92.7	36,626	93.0	28,108	96.1	8,518	84.1	5,894	90.9
Owner occupied.....	23,383	51.0	19,528	49.6	14,195	48.5	5,332	52.6	3,855	59.4
Renter occupied.....	19,136	41.7	17,098	43.4	13,913	47.6	3,185	31.4	2,039	31.4
Nonresident dwelling units.....	93	.2	85	.2	50	.2	35	.3	8	.1
Vacant dwelling units ¹	3,263	7.1	2,680	6.8	1,099	3.8	1,581	15.6	583	9.0
Nonseasonal, not dilapidated, for rent or sale.....	735	1.6	689	1.7	501	1.7	187	1.8	46	.7
For rent.....	512	1.1	473	1.2	339	1.2	135	1.3	39	.6
For sale only.....	223	.5	216	.5	163	.6	53	.5	7	.1
Nonseasonal, not dilapidated, not for rent or sale.....	805	1.8	628	1.6	304	1.0	325	3.2	176	2.7
Nonseasonal dilapidated.....	484	1.1	266	.7	115	.4	151	1.5	219	3.4
Seasonal.....	1,238	2.7	1,097	2.8	179	.6	918	9.1	141	2.2

¹ Excludes vacant trailers, tents, houseboats, and railroad cars.

Source: Department of Commerce, Bureau of Census: *Preliminary Reports, 1950 Census of Housing*, Series HC-5, No. 1.

No. 910.—OCCUPIED DWELLING UNITS OR FAMILIES—TENURE: 1890 TO 1950

[1940 and 1950 figures based on occupied dwelling units; not strictly comparable with data for private families, but differences are negligible. Figures for 1900 and 1930 represent private families only; those for 1890, 1910, and 1920 include small number of quasi-family groups. See also *Historical Statistics*, series H 89-112]

AREA AND YEAR	Occupied dwelling units or families	Reporting tenure	OWNER OCCUPIED		RENTER OCCUPIED	
			Number	Percent	Number	Percent
United States:						
1890 ¹	12,690,152	12,690,152	6,066,417	47.8	6,623,735	52.2
1900	15,963,965	15,428,987	7,205,212	46.7	8,223,775	53.3
1910	20,255,555	19,781,606	9,083,711	45.9	10,697,895	54.1
1920	24,351,676	23,810,558	10,866,960	45.6	12,943,598	54.4
1930	29,904,663	29,321,891	14,002,074	47.8	15,319,817	52.2
1940 ¹	34,854,532	34,854,532	15,195,763	43.6	19,658,769	56.4
1950 ²	42,520,000	42,520,000	23,383,000	55.0	19,136,000	45.0
Urban:						
1930	17,372,524	17,113,913	7,432,554	43.4	9,681,359	56.6
1940	20,596,500	20,596,500	7,714,960	37.5	12,881,540	62.5
1950 ²	28,108,000	28,108,000	14,195,000	50.5	13,913,000	49.5
Rural-nonfarm:						
1930	5,927,502	5,803,159	3,117,418	53.7	2,685,741	46.3
1940	7,151,473	7,151,473	3,698,076	51.7	3,453,397	48.3
1950 ²	8,518,000	8,518,000	5,332,000	62.6	3,185,000	37.4
Rural-farm:						
1930	6,604,637	6,404,819	3,452,102	53.9	2,952,717	46.1
1940	7,106,559	7,106,559	3,782,727	53.2	3,323,832	46.8
1950 ²	5,894,000	5,894,000	3,855,000	65.4	2,039,000	34.6

¹ Includes estimated data for those of unknown tenure.

² Based on preliminary sample data; see source for evaluation of sampling variability. Because of changes in definitions and procedures, figures for urban, rural-nonfarm, and rural-farm units not strictly comparable with figures for earlier years. See text, p. 723.

Source: Department of Commerce, Bureau of the Census; *Sixteenth Census Reports, Housing*, Vol. II, Part 1, and *Preliminary Reports, 1950 Census of Housing*, Series HC-5, No. 1.

No. 911.—DWELLING UNITS, URBAN AND RURAL—CHARACTERISTICS OF OCCUPIED UNITS: 1950 AND 1940

[In thousands of dwelling units. Based on preliminary sample data; see source for evaluation of sampling variability. See also *Historical Statistics*, series H 89-112.]

SUBJECT	1950								1940, TOTAL	
	Total		Urban		Rural non-farm		Rural farm		Number	Percent
	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
All occupied dwelling units.....	42,520	100.0	28,108	100.0	8,518	100.0	5,894	100.0	34,855	100.0
RACE AND TENURE										
White.....	38,897	91.5	25,730	91.5	7,902	92.8	5,265	89.3	31,561	90.6
Negro.....	3,508.	8.3	2,319	8.3	553	6.8	606	10.3	3,157	9.1
Other races.....	115	.3	59	.2	32	.4	23	.4	137	.4
Owner occupied.....	23,383	55.0	14,195	50.5	5,332	62.6	3,855	65.4	15,196	43.6
White.....	22,132	52.1	13,420	47.7	5,053	59.3	3,659	62.1	14,418	41.4
Negro.....	1,196	2.8	752	2.7	260	3.1	184	3.1	720	2.1
Other races.....	56	.1	24	.1	19	.2	13	.2	58	.2
Renter occupied.....	19,136	45.0	13,913	49.5	3,185	37.4	2,039	34.6	19,659	56.4
White.....	16,765	39.4	12,310	43.8	2,849	33.4	1,606	27.2	17,143	49.2
Negro.....	2,312	5.4	1,567	5.6	323	3.8	422	7.2	2,437	7.0
Other races.....	59	.1	35	.1	13	.2	10	.2	79	.2
SIZE OF HOUSEHOLD										
1 person.....	3,886	9.1	2,751	9.8	829	9.7	306	5.2	2,677	7.7
2 persons.....	11,862	27.9	8,134	28.9	2,328	27.3	1,400	23.8	8,630	24.8
3 persons.....	9,621	22.6	6,567	23.4	1,847	21.7	1,207	20.5	7,796	22.4
4 persons.....	8,009	18.8	5,420	19.3	1,538	18.1	1,051	17.8	6,325	18.1
5 persons.....	4,466	10.5	2,765	9.8	935	11.0	767	13.0	4,013	11.5
6 persons.....	2,262	5.3	1,285	4.6	512	6.0	465	7.9	2,360	6.8
7 persons.....	1,121	2.6	577	2.1	252	3.0	292	5.0	1,341	3.8
8 persons.....	603	1.4	316	1.1	133	1.6	154	2.6	768	2.2
9 persons.....	297	.7	137	.5	60	.7	100	1.7	436	1.3
10 persons or more.....	391	.9	156	.6	83	1.0	153	2.6	509	1.5
Median number of persons.....	3.1	-----	3.0	-----	3.1	-----	3.5	-----	3.3	-----
PERSONS PER ROOM										
Number reporting.....	41,863	100.0	27,733	100.0	8,371	100.0	5,760	100.0	34,447	100.0
0.75 or less.....	25,190	60.2	17,015	61.4	4,828	57.7	3,347	58.1	18,910	54.9
0.76 to 1.00.....	10,081	24.1	6,985	25.2	1,932	23.1	1,164	20.2	8,573	24.9
1.01 to 1.50.....	4,039	9.6	2,425	8.7	923	11.0	691	12.0	3,879	11.3
1.51 or more.....	2,553	6.1	1,308	4.7	687	8.2	558	9.7	3,086	9.0
RADIO										
Number reporting.....	41,932	100.0	27,810	100.0	8,362	100.0	5,761	100.0	33,891	100.0
With radio.....	40,093	95.6	26,941	96.9	7,790	93.2	5,362	93.1	28,048	82.8
No radio.....	1,839	4.4	868	3.1	572	6.8	399	6.9	5,842	17.2
TELEVISION										
Number reporting.....	41,704	100.0	27,644	100.0	8,342	100.0	5,717	100.0	(1)	(1)
With television.....	5,120	12.3	4,376	15.8	572	6.8	174	3.0	(1)	(1)
No television.....	36,584	87.7	23,268	84.2	7,772	93.2	5,543	97.0	(1)	(1)
KITCHEN SINK										
Number reporting.....	42,014	100.0	27,802	100.0	8,419	100.0	5,793	100.0	(1)	(1)
With kitchen sink.....	35,683	84.9	26,220	94.3	6,183	73.4	3,279	56.6	(1)	(1)
No kitchen sink.....	6,331	15.1	1,582	5.7	2,236	26.6	2,514	43.4	(1)	(1)

¹ Data not available.

No. 911.—DWELLING UNITS, URBAN AND RURAL—CHARACTERISTICS OF OCCUPIED UNITS: 1950 AND 1940—Continued

[In thousands of dwelling units]

SUBJECT	1950								1940, TOTAL	
	Total		Urban		Rural non-farm		Rural farm		Number	Percent
	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
REFRIGERATION EQUIPMENT										
Number reporting.....	41,903	100.0	27,725	100.0	8,393	100.0	5,785	100.0	34,205	100.0
Mechanical.....	33,521	80.0	23,983	86.5	6,015	71.7	3,524	60.9	15,093	44.1
Ice.....	4,495	10.7	2,536	9.1	1,097	13.1	862	14.9	9,253	27.1
Other.....	234	.6	67	.2	31	.4	136	2.4	494	1.4
None.....	3,653	8.7	1,139	4.1	1,250	14.9	1,263	21.8	9,365	27.4
COOKING FUEL										
Number reporting.....	41,922	100.0	27,763	100.0	8,367	100.0	5,792	100.0	34,342	100.0
Coal.....	3,647	8.7	1,813	6.5	1,037	12.4	797	13.8	3,962	11.5
Wood.....	4,252	10.1	731	2.6	1,281	15.3	2,240	38.7	8,102	23.6
Gas.....	24,656	58.8	20,353	73.3	3,080	36.8	1,222	21.1	16,776	48.8
Utility gas.....	21,402	51.1	19,384	69.8	1,721	20.6	296	5.1	(1)	(1)
Bottled gas.....	3,254	7.8	969	3.5	1,359	16.2	926	16.0	(1)	(1)
Electricity.....	6,132	14.6	3,336	12.0	1,856	22.2	939	16.2	1,838	5.4
Liquid and other fuel.....	3,087	7.4	1,418	5.1	1,085	13.0	584	10.1	3,523	10.3
Liquid fuel.....	2,812	6.7	1,280	4.6	1,007	12.0	525	9.1	(1)	(1)
Other fuel.....	275	.7	138	.5	78	.9	59	1.0	(1)	(1)
None.....	148	.4	112	.4	28	.3	9	.2	143	.4
HEATING EQUIPMENT										
Number reporting.....	41,702	100.0	27,628	100.0	8,307	100.0	5,766	100.0	34,149	100.0
Central heating.....	20,870	50.0	17,181	62.2	2,702	32.5	936	17.1	14,347	42.0
Piped steam or hot water.....	9,736	23.3	8,734	31.6	818	9.8	133	3.2	7,428	21.8
Warm air furnace.....	11,134	26.7	8,447	30.6	1,884	22.7	804	13.9	6,919	20.3
Noncentral heating and not heated.....	20,832	50.0	10,447	37.8	5,605	67.5	4,780	82.9	19,802	58.0
Noncentral heating.....	20,118	48.2	9,899	35.8	5,514	66.4	4,704	81.6	(1)	(1)
Other means with flue.....	15,024	36.0	6,569	23.8	4,403	53.0	4,052	70.3	(1)	(1)
Other means without flue.....	5,094	12.2	3,330	12.1	1,111	13.4	653	11.3	(1)	(1)
Not heated.....	714	1.7	548	2.0	90	1.1	76	1.3	(1)	(1)
HEATING FUEL										
Central heating—Number reporting fuel.....	20,724	100.0	17,050	100.0	2,688	100.0	986	100.0	14,152	100.0
Coal.....	9,430	45.5	7,575	44.4	1,278	47.5	577	58.5	10,903	77.0
Wood.....	250	1.2	73	.4	29	1.1	148	15.0	373	2.6
Gas.....	5,914	28.5	5,273	30.9	538	20.0	102	10.3	1,110	7.8
Utility gas.....	5,719	27.6	5,194	30.5	466	17.3	58	5.9	(1)	(1)
Bottled gas.....	195	.9	79	.5	72	2.7	44	4.5	(1)	(1)
Liquid and other fuel.....	5,130	24.8	4,129	24.2	842	31.3	150	16.1	1,766	12.5
Liquid fuel.....	4,678	22.6	3,796	22.3	761	28.3	122	12.4	(1)	(1)
Other fuel.....	452	2.2	333	2.0	81	3.0	38	3.9	(1)	(1)
Noncentral heating—Number reporting fuel.....	20,053	100.0	9,865	100.0	5,500	100.0	4,688	100.0	19,470	100.0
Coal.....	5,127	25.6	2,149	21.8	1,660	30.2	1,318	28.1	7,622	39.2
Wood.....	3,969	19.8	594	6.0	1,216	22.1	2,159	46.1	7,362	37.8
Gas.....	5,881	29.3	4,459	45.2	1,073	19.5	349	7.4	2,728	14.0
Utility gas.....	5,204	26.0	4,372	44.3	733	13.3	99	2.1	(1)	(1)
Bottled gas.....	676	3.4	87	.9	340	6.2	250	5.3	(1)	(1)
Liquid and other fuel.....	5,077	25.3	2,664	27.0	1,551	28.2	862	18.4	1,757	9.0
Liquid fuel.....	4,437	22.1	2,365	24.0	1,340	24.4	732	15.6	(1)	(1)
Electricity.....	272	1.4	115	1.2	88	1.6	69	1.5	(1)	(1)
Other fuel.....	369	1.8	184	1.9	123	2.2	62	1.3	(1)	(1)

1 Data not available.

Source: Department of Commerce: Bureau of Census; *Preliminary Reports, 1950 Census of Housing*, Series HC-5, Nos. 1 and 2.

No. 912.—DWELLING UNITS, URBAN AND RURAL NONFARM, CONTRACT AND GROSS MONTHLY RENT OF RENTER-OCCUPIED UNITS: 1950 AND 1940

[In thousands of dwelling units. Based on preliminary sample data; see source for evaluation of sampling variability. Contract monthly rent is rent contracted for regardless of whether it includes furniture, heating fuel, electricity, cooking fuel, water, or other services. Gross monthly rent is contract monthly rent plus reported average monthly cost paid by renters for water, electricity, gas, and other fuel. If furniture is included in contract rent, reported estimated rent of dwelling unit without furniture is used in computation instead of contract rent]

SUBJECT	1950, URBAN AND RURAL NONFARM						1940, URBAN AND RURAL NONFARM	
	Total		Urban		Rural nonfarm			
	Num-ber	Per-cent	Num-ber	Per-cent	Num-ber	Per-cent	Num-ber	Per-cent
All renter-occupied dwelling units.....	17,098	-----	13,913	-----	3,185	-----	16,335	-----
CONTRACT MONTHLY RENT								
Number reporting ¹	15,422	100.0	13,071	100.0	2,350	100.0	16,178	100.0
Under \$10.....	680	4.4	322	2.5	357	15.2	2,822	17.4
\$10 to \$14.....	580	3.8	339	2.6	241	10.3	2,280	14.1
\$15 to \$19.....	1,598	10.4	1,134	8.7	464	19.7	2,217	13.7
\$20 to \$29.....	3,070	19.9	2,557	19.6	513	21.8	3,853	23.8
\$30 to \$39.....	3,090	20.0	2,781	21.3	309	13.1	2,526	15.6
\$40 to \$49.....	2,540	16.5	2,341	17.9	199	8.5	1,300	8.0
\$50 to \$59.....	1,611	10.4	1,479	11.3	132	5.6	570	3.5
\$60 to \$74.....	1,122	7.3	1,037	7.9	85	3.6	327	2.0
\$75 to \$99.....	787	5.1	759	5.8	28	1.2	164	1.0
\$100 or more.....	343	2.2	322	2.5	22	.9	118	.7
Average rent.....	\$39	-----	\$41	-----	\$28	-----	\$24	-----
Median rent.....	\$35	-----	\$37	-----	\$24	-----	\$21	-----
GROSS MONTHLY RENT								
Number reporting ¹	14,883	100.0	12,679	100.0	2,205	100.0	15,144	100.0
Under \$10.....	243	1.6	103	.8	140	6.3	1,404	9.3
\$10 to \$19.....	1,122	7.5	713	5.6	409	18.5	2,349	22.1
\$20 to \$29.....	2,209	14.8	1,689	13.3	521	23.6	3,606	23.8
\$30 to \$39.....	3,032	20.4	2,602	20.5	430	19.5	3,029	20.0
\$40 to \$49.....	3,027	20.3	2,749	21.7	278	12.6	1,967	13.0
\$50 to \$59.....	2,306	15.5	2,110	16.6	196	8.9	925	6.1
\$60 to \$74.....	1,771	11.9	1,614	12.7	157	7.1	513	3.4
\$75 to \$99.....	786	5.3	739	5.8	46	2.1	228	1.5
\$100 or more.....	388	2.6	360	2.8	28	1.3	123	.8
Average rent.....	\$46	-----	\$48	-----	\$37	-----	(²)	-----
Median rent.....	\$42	-----	\$44	-----	\$30	-----	\$27	-----

¹ Excludes units occupied rent free. ² Data not available.

Source: Department of Commerce, Bureau of Census; *Preliminary Reports, 1950 Census of Housing*, Series HC-5, No. 1.

No. 913.—DWELLING UNITS, URBAN AND RURAL NONFARM—VALUE OF OWNER-OCCUPIED UNITS: 1950

[In thousands of dwelling units. Based on preliminary sample data; see source for evaluation of sampling variability. Value data are limited to units in 1-dwelling unit structures without business and with no other dwelling units on property. Value represents amount for which owner estimates property, including such land as belongs with it, would sell under ordinary conditions and not at forced sale]

VALUE OF ONE-DWELLING-UNIT STRUCTURE	URBAN AND RURAL NONFARM		URBAN		RURAL NONFARM	
	Number	Percent	Number	Percent	Number	Percent
All owner-occupied dwelling units.....	15,592	-----	10,981	-----	4,611	-----
Number reporting.....	14,699	100.0	10,636	100.0	4,063	100.0
Under \$2,000.....	1,136	7.7	461	4.3	676	16.6
\$2,000 to \$2,999.....	840	5.7	370	3.5	470	11.6
\$3,000 to \$3,999.....	1,061	7.2	559	5.3	503	12.4
\$4,000 to \$4,999.....	1,033	7.0	641	6.0	392	9.6
\$5,000 to \$5,999.....	1,320	9.0	896	8.4	424	10.4
\$6,000 to \$7,499.....	2,057	14.0	1,563	14.7	495	12.2
\$7,500 to \$9,999.....	2,715	18.5	2,231	21.0	483	11.9
\$10,000 to \$14,999.....	2,920	19.9	2,532	23.8	388	9.5
\$15,000 to \$19,999.....	938	6.4	808	7.6	130	3.2
\$20,000 or more.....	679	4.6	576	5.4	103	2.5
Average value.....	\$10,800	-----	\$12,200	-----	\$7,200	-----
Median value.....	\$7,400	-----	\$8,400	-----	\$4,900	-----

Source: Department of Commerce, Bureau of Census; *Preliminary Reports, 1950 Census of Housing*, Series HC-5, No. 1.

30. Manufactures

(Sent to print May 23, 1952)

Census of Manufactures.—The basic source of comprehensive data on manufacturing production is the Census of Manufactures conducted by the Bureau of the Census. The first Census of Manufactures covered the year 1809 and a census was taken at 10-year intervals in connection with the Decennial Census of Population up to and including 1899, with the exception of 1829. It was conducted at 5-year intervals from 1904 through 1919, and every other year from 1921 through 1939, but was suspended during the war period. The 1947 Census of Manufactures was the first to be taken since 1939. Present legislation provides for a Census of Manufactures to cover the year 1953 and every fifth year thereafter.

The 1947 Census of Manufactures covered all establishments primarily engaged in manufacturing, as defined in the 1945 revision of the Standard Industrial Classification sponsored by the Bureau of the Budget. This Census, as well as the Annual Survey of Manufactures, which is described below, covers operating manufacturing establishments only, omitting separate administrative offices and auxiliary units of operating establishments. Operating establishments, however, account for approximately 98 percent of total manufacturing employment. To the extent possible, this Census was conducted on an establishment basis. As a rule, the term "establishment" signifies a single plant or factory and 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 report for each location; also, companies engaged in distinctly different lines of activity at one location are required to submit separate reports if separate pay roll and inventory records are kept for each activity. Census figures differ, therefore, from those prepared on a company basis. They also differ to some extent from other tabulations based on establishment reports, where the definition of an establishment as to location and line of activity is not so rigidly applied.

In the 1947 census, reports were required from all establishments employing one or more persons at any time during the census year. In other recent censuses, establishments having less than \$5,000 value of products were designated as out of the scope of the census. The change in the minimum size limit in 1947 as compared with 1939 has not appreciably affected the comparability of the figures for these two years, except for data on number of establishments for a few industries.

Each of the establishments covered in the census was classified in one of 458 manufacturing industries in accordance with the industry definitions embodied in the Standard Industrial Classification system. Under this system of classification, an industry is generally defined as a group of establishments producing a single product or a more or less closely related group of products. This product or group of products is in turn said to be "primary" to that industry. Accordingly, an establishment is classified in a particular industry if its production of the primary products of that industry exceeds in value its production of any other group of products. In a few instances, however, the industry classification of an establishment is determined not only by the products it makes but also by the processes employed in making those products.

While some establishments produce only the primary products of the industry in which they are classified, it rarely happens that all the establishments in an industry specialize to this extent. The statistics on employment, pay rolls, value added, inventories, and expenditures, therefore, reflect not only the primary activities of the establishments in that industry but also their activities of a secondary nature. For this reason the industry statistics usually cannot be directly related to statistics on the total shipments of commodities.

Comparative figures shown for 1939 are generally slightly lower than those published in the 1939 reports. The 1939 figures have been revised to exclude retail bakeries, machine-shop repairs, and some other types of establishments also omitted from the 1947 census. Cost of materials and value of products for 1947 were not compiled for summary tables because of the duplication which arises in the combination of individual industries representing successive stages in the production of finished manufactures.

The Bureau of the Census is prohibited by law from publishing any statistics that disclose information reported by individual companies. Figures are, therefore, not shown for an industry or a geographic unit which is represented by only one or two companies, or by more companies when one or two companies produce a very large proportion of the combined output of all the companies. This restriction has no effect upon statistics by industry for the entire United States, or statistics for all industries within States and standard metropolitan areas. There are many instances, however, where this restriction makes it necessary to withhold figures for counties and cities, and for industries within States and areas.

Annual Survey of Manufactures.—This survey, which was conducted for the first time in 1949 and was repeated in 1950, carries forward, for the intercensal years, the key measures of manufacturing activity covered in detail by the quinquennial Census of Manufactures. It is designed to yield estimates of general statistics (employment, pay rolls, value added by manufacture, inventories, and capital expenditures) for industry groups, important individual industries, geographic divisions, States, and important cross-tabulations of major industry groups by division and by State.

The annual survey is based on a sample of approximately 45,000 out of a total of almost 250,000 manufacturing establishments. Included are all large plants and a representative sample of the much more numerous small plants. The large plants in the survey account for approximately two-thirds of total manufacturing employment in the United States.

The annual survey estimates vary from the totals that would have been obtained from a comparable complete canvass of all manufacturing establishments. The relative magnitude of this sampling variation, expressed in percentage form, 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*: (a) the percentage shown in approximately 2 cases out of 3; (b) twice the percentage shown in approximately 19 cases out of 20; and (c) 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 shown in the source report cited.

In making any study of the historical trend of the 1947, 1949, and 1950 figures, 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." In general, 1949 and 1950 figures are withheld from publication in the original source volumes if (a) the standard error of the estimate exceeds 15 percent, or (b) survey estimates are inconsistent with other census series and related data. It must be noted that 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.

The basic statistical measures of manufacturing activity, such as employment, pay rolls, value added, etc., were defined in essentially the same way for the annual surveys as for the quinquennial census. Consequently, historical series shown in the following tables may be considered to be comparable except as specifically noted. It should be pointed out that for 1949 and 1950 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 twelve monthly employment figures.

Current and other statistics.—Monthly, quarterly, and annual commodity surveys are also conducted by the Bureau of the Census. These data are published currently in the *Facts for Industry* series. This series also includes releases of information collected by or for the War Production Board and successor agencies during the war and reconversion periods by the Census Bureau or other Federal agencies.

Reports on current activities of industries, or current movements of individual commodities, are also compiled by trade associations and trade journals, commercial agencies, and by such governmental bureaus as Labor Statistics, Agricultural Economics, Foreign and Domestic Commerce, Fish and Wildlife Service, Tariff Commission, and Internal Revenue, in addition to the Census Bureau previously mentioned.

Abbreviated balance sheet and income account data on all United States manufacturing corporations are compiled and published annually by the Bureau of Internal Revenue from corporation income and profits tax returns and holding company returns.

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, the Federal Trade Commission, and special investigating agencies. Financial statistics for certain manufacturing industries in the form of balance sheets, profit and loss statements, analyses of sales and expenses, lists of subsidiaries, types and amounts of security issues, and selected data on the salaries paid to officers and directors, 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 competitive uses. The Federal Trade Commission has made several comprehensive studies of individual industries.

Material in other sections.—In addition to the statistics presented in this section, statistics on the output and activities of manufacturers will be found in various other sections of the *Statistical Abstract*. For example, data on wages and hours appear in section 8, Labor Force, Employment, and Earnings; statistics on manufacturing corporations compiled from corporation income tax returns appear in section 14, Federal Government Finances and Employment, and in section 17, Business Enterprise; and statistics on lumber production in section 26, Forests and Forest Products. For page references to the commodity or industry, consult the index. For references to the important sources of statistics on manufacturing and related activities, see the listings under the appropriate subjects in the "Bibliography of Sources of Statistical Data," page 1009.

Geographic coverage.—Statistics in this section relate to continental United States except as noted.

Historical statistics.—See preface and historical appendix. Tabular headnotes (as "See also *Historical Statistics*, series J 1-12") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*.

No. 914.—MANUFACTURES—SUMMARY: 1849 TO 1950

[Figures for 1849 to 1919 include establishments whose products were valued at \$500 or more; for 1921 to 1939, establishments whose products were valued at \$5,000 or more; for 1947, figures cover all establishments employing 1 or more persons at any time during year. See also 1945 *Abstract and Historical Statistics*, series J 1-12, for unrevised data for 1939 and earlier years]

CENSUS YEAR	Number of establishments	Number of proprietors and firm members	ALL EMPLOYEES ¹		PRODUCTION WORKERS		Value added ³ (\$1,000)
			Number (average for year) ²	Salaries and wages (\$1,000)	Number (average for year)	Wages (\$1,000)	
Factories and hand and neighborhood industries:							
1849	123,025	(4)	(4)	(4)	957,059	236,755	463,983
1859	140,433				1,311,246	378,879	854,257
1869	252,148				2,053,996	620,467	1,395,119
1879	253,852				2,732,595	947,954	1,972,756
1889	353,864				4,129,355	1,820,355	4,102,301
1899	509,490				5,097,562	2,206,547	5,474,892
Factories, excluding hand and neighborhood industries:							
1899	204,750	(4)	4,850,019	2,258,654	4,501,919	1,892,574	4,646,981
1904	213,444	225,115	5,674,957	2,990,937	5,181,660	2,440,851	6,019,171
1909	264,810	272,421	7,012,066	4,105,470	6,261,738	3,205,213	8,160,075
1914	268,436	258,560	7,514,186	5,015,977	6,602,287	3,782,322	9,385,622
1919	270,231	249,865	9,836,801	12,426,902	8,464,916	9,664,009	23,841,624
1921	192,059	172,291	7,557,364	9,870,199	6,475,474	7,451,299	17,252,775
1923	192,096	147,958	9,474,658	12,996,460	8,194,170	10,148,624	24,569,487
1925	183,877	132,971	9,142,417	12,957,707	7,871,409	9,979,649	25,667,624
1927	187,629	132,151	9,072,052	13,123,135	7,848,070	10,099,465	26,325,594
1929	206,663	132,686	9,659,742	14,284,282	8,369,705	10,884,919	30,591,435
1931	171,450	(4)	(4)	(4)	6,163,144	6,688,541	18,600,532
1933	189,325	72,267	6,557,925	6,237,800	5,787,611	4,940,146	14,007,540
1935	167,916	81,521	8,262,295	9,564,754	7,203,794	7,811,329	18,552,553
1937	166,794	99,268	9,786,402	12,829,749	8,569,231	10,112,888	25,173,539
1939	173,802	123,655	9,527,306	12,706,102	7,808,205	8,997,515	24,487,304
1947	240,881	188,948	14,294,304	39,689,527	11,916,188	30,242,343	74,425,825
1949 ⁴	(4)	(4)	13,566,847	41,480,916	11,016,301	30,253,971	75,366,527
1950 ⁵	247,307	(4)	14,369,747	46,599,011	11,706,056	34,565,698	89,675,779

¹ Beginning 1939 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.

² Data for 1949-50 based on pay periods ending nearest 15th of Mar., May, Aug., and Nov. For 1947, data represent average of 12 monthly figures; for earlier years, sum of average number of production workers for year and number of nonproduction workers reported for 1 pay-roll period (usually in October).

³ Value of products less cost of materials, supplies, fuel, electricity, and contract work. For 1849-1933, cost of contract work was not subtracted from value of products in calculating value added by manufacture.

⁴ Not available. ⁵ Reduced to gold basis.

⁶ Excludes data for salaried officers of corporations and their salaries.

⁷ Revised on basis of retabulation of returns to exclude data for establishments classified as nonmanufacturing in 1947. Value added by manufacture on a basis comparable with 1937 and previous years, was \$24.7 billion.

⁸ Number of proprietors and firm members not revised. Figures for "All employees" revised on basis of estimates rather than by retabulation of 1939 reports. (See footnote 7.)

⁹ Estimates based on sample survey; see text, p. 745. For standard errors of estimates, see subsequent tables.

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports and *Annual Survey of Manufactures: 1949 and 1950*.

No. 915.—POPULATION, WAGE EARNERS, AND PRODUCTION—INDEXES: 1899 TO 1947

[1899=100. See also *Historical Statistics*, series J.13 for indexes of production]

CENSUS YEAR	Population	Wage earners	Production (quantity) ¹	Production per wage earner	CENSUS YEAR	Population	Wage earners	Production (quantity) ¹	Production per wage earner
1899	100	100	100	100	1927	158	178	317	178
1904	110	115	124	108	1929	162	190	364	192
1909	121	139	158	114	1931	166	140	262	187
1914	131	147	186	127	1933	168	131	228	174
1919	140	191	222	116	1935	170	163	301	185
1921	145	147	194	132	1937	172	194	376	194
1923	149	186	280	151	1939	175	187	373	199
1925	154	178	298	167	1947	193	(2)	649	(3)

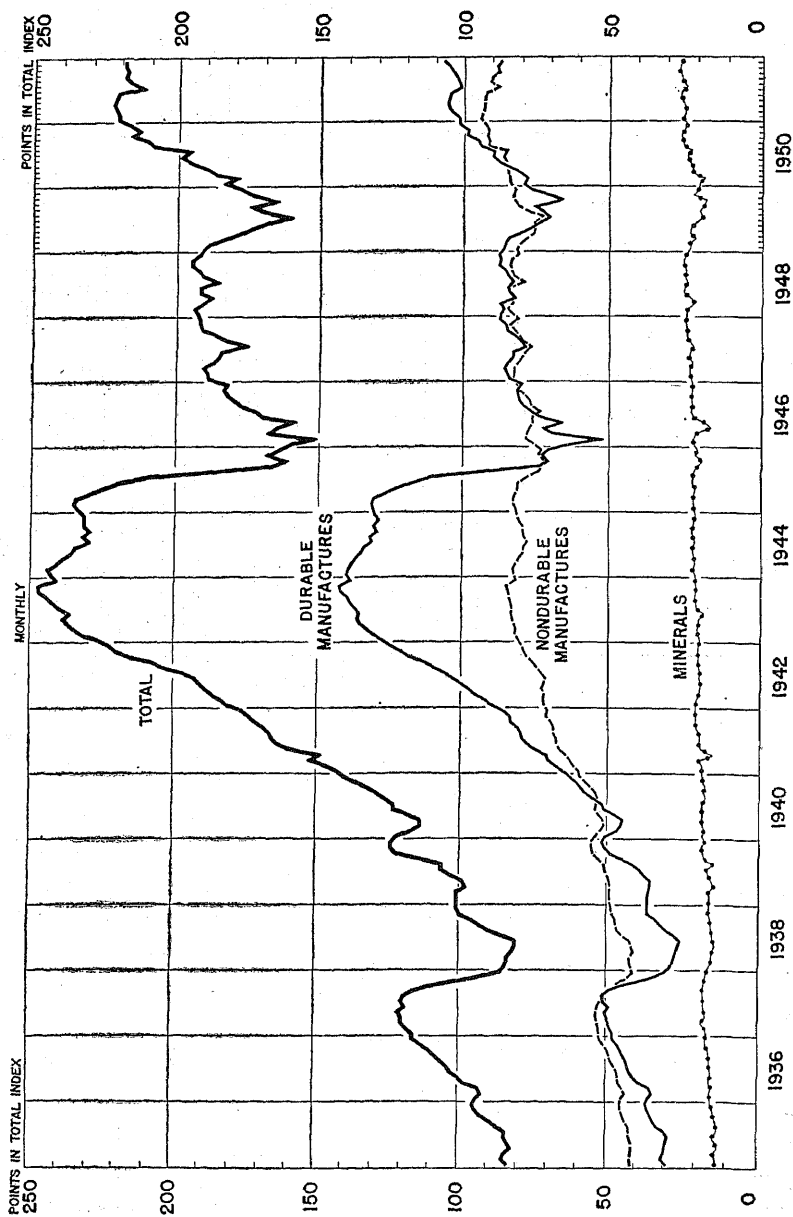
¹ Index of physical output for 1899-1939 from National Bureau of Economic Research.

² Not available.

Source: Department of Commerce, Bureau of the Census; 1939 *Census of Manufactures*, Vol. I, and records.

FIG. XXIX.—INDUSTRIAL PRODUCTION INDEXES: 1935 TO 1951

[1935-39 average for total = 100. Based on physical volume, adjusted for seasonal variation. See table 916]



Source: Board of Governors of the Federal Reserve System.

No. 916.—INDUSTRIAL PRODUCTION—INDEXES, BY GROUPS: 1932 TO 1951

[1935-39 average=100. Monthly data adjusted for seasonal variation. See also *Historical Statistics*, series J 30-48 and G 6-8]

YEAR AND MONTH	Total	MANUFACTURES										
		Total	Durable manufactures							Nondurable manufactures		
			Total	Iron and steel	Machinery	Transportation equipment	Non-ferrous metal and products	Lumber and products	Stone, clay, and glass products	Total	Textiles and products	Leather and products
1932.....	58	57	41	32	43	38	52	51	51	70	71	76
1933.....	69	68	54	54	50	48	60	63	54	79	88	88
1934.....	75	74	65	61	69	69	62	64	64	81	76	91
1935.....	87	87	83	81	83	93	80	85	77	90	93	99
1936.....	103	104	108	114	105	110	104	105	103	100	104	103
1937.....	113	113	122	123	126	123	122	113	114	106	106	102
1938.....	89	87	78	68	82	72	80	90	92	95	85	93
1939.....	109	109	109	114	104	103	113	106	114	109	112	105
1940.....	125	126	139	147	136	145	139	116	124	115	114	98
1941.....	162	168	201	186	221	245	191	134	162	142	152	123
1942.....	199	212	279	199	340	464	214	134	168	158	157	122
1943.....	239	258	360	208	443	735	267	129	173	176	153	114
1944.....	235	252	353	206	439	719	259	125	164	171	148	113
1945.....	203	214	274	183	343	487	204	109	163	166	146	117
1946.....	170	177	192	150	240	232	157	131	192	165	162	122
1947.....	187	194	220	195	276	230	187	143	206	172	163	116
1948.....	192	198	225	208	277	235	193	145	206	177	170	111
1949.....	176	183	202	188	234	235	160	130	188	168	147	106
1950.....	200	209	237	229	270	261	206	160	209	187	182	111
December.....	218	229	268	253	321	292	227	173	235	197	194	108
1951.....	220	229	273	259	336	307	207	157	231	194	174	101
March.....	222	234	277	263	335	314	209	169	243	199	188	118
June.....	221	231	274	261	338	307	205	153	239	197	185	99
September.....	218	228	271	258	336	311	196	146	228	192	163	100
December.....	219	228	282	263	359	321	207	153	218	185	152	88

YEAR AND MONTH	MANUFACTURES—continued								MINERALS		
	Nondurable manufactures—Continued								Total	Fuels	Metals
	Manu- fac- tured food prod- ucts	Alco- holic bever- ages	To- bacco prod- ucts	Paper and prod- ucts	Print- ing and pub- lish- ing	Petro- leum and coal prod- ucts	Chem- ical prod- ucts	Rub- ber prod- ucts			
1932.....	79	-----	79	65	74	69	68	64	67	72	36
1933.....	83	-----	80	76	75	74	76	77	76	80	51
1934.....	88	74	87	75	80	79	83	86	80	83	58
1935.....	89	89	90	86	89	85	89	93	86	89	73
1936.....	98	109	99	98	99	97	99	107	99	99	102
1937.....	103	108	103	107	109	108	112	104	112	109	127
1938.....	101	96	102	95	96	100	96	83	97	99	86
1939.....	108	98	106	114	106	110	112	113	106	105	113
1940.....	113	101	109	123	112	120	130	123	117	114	134
1941.....	127	117	120	150	127	135	176	163	125	122	148
1942.....	134	118	131	142	115	147	278	172	129	125	148
1943.....	145	117	133	139	111	185	384	228	132	132	126
1944.....	152	144	125	139	101	247	324	234	140	145	113
1945.....	160	178	136	139	108	236	284	215	137	143	101
1946.....	149	191	156	145	127	173	236	225	134	142	88
1947.....	157	190	160	158	144	193	251	226	149	155	118
1948.....	159	182	164	164	154	218	254	206	155	161	120
1949.....	163	172	165	156	155	209	241	183	135	139	107
1950.....	164	188	168	187	170	229	264	223	148	152	125
December.....	165	208	153	197	175	263	284	251	157	163	126
1951.....	165	186	175	201	175	267	299	243	164	169	134
March.....	167	207	170	208	176	269	292	239	158	163	137
June.....	165	178	171	208	171	263	302	251	165	169	145
September.....	167	184	177	197	179	266	301	245	167	172	137
December.....	161	176	147	184	174	281	298	250	163	170	121

Source: Board of Governors of the Federal Reserve System. Figures published monthly in *Federal Reserve Bulletin*.

**No. 917.—MANUFACTURES—SELECTED STATISTICS, BY SIZE OF ESTABLISHMENT, FOR
MAJOR INDUSTRY GROUPS: 1950**

[Value added figures in thousands of dollars. For comparable 1947 data, see table 919. Figures are based on sample and subject to sampling variation (see standard error columns). Figures for value added by manufacture derived by subtracting from total value of products the cost of materials, supplies, containers, fuel, purchased electric energy and contract work]

MAJOR INDUSTRY GROUP AND ITEM	All oper- ating manu- facturing estab- lishments	ESTABLISHMENTS WITH AVERAGE EMPLOYMENT OF—					Standard error (percent) ¹	
		1-249 em- ployees	250-499 em- ployees	500-999 em- ployees	1,000-2,499 em- ployees	2,500 em- ployees and more		
	A	B	C	D	E	F	B	C
All industries, total:								
Number of establishments.....	247,307	236,891	5,817	2,714	21,379	506	2	2
All employees ²	14,369,747	5,895,906	2,008,563	1,867,935	22,063,477	2,533,866	2	2
Value added by manufacture.....	89,675,779	32,166,969	12,432,172	12,308,319	14,603,702	18,164,617	2	2
Food and kindred products:								
Number of establishments.....	38,466	37,531	584	234	96	21	4	6
All employees.....	1,480,685	892,973	199,459	159,454	143,850	84,949	3	5
Value added by manufacture.....	10,094,708	5,520,985	1,539,130	1,240,492	1,112,055	682,046	3	7
Tobacco manufactures:								
Number of establishments.....	(4)	(4)	56	19	19	2		9
All employees.....	92,323	19,557	19,621	12,879	540,266	(5)		9
Value added by manufacture.....	806,118	76,027	102,108	106,698	521,285	(5)	20	5
Textile mill products:								
Number of establishments.....	8,434	7,138	694	409	166	27	7	4
All employees.....	1,239,121	367,004	240,720	281,422	243,185	106,790	6	3
Value added by manufacture.....	5,624,030	1,636,577	1,058,268	1,278,743	1,085,057	565,385	6	3
Apparel and related products:								
Number of establishments.....	26,145	25,405	575	136	26	3	10	8
All employees.....	1,128,892	797,119	191,112	89,282	38,313	13,066	6	7
Value added by manufacture.....	4,174,430	3,017,690	509,783	326,884	177,285	52,788	6	7
Lumber and products (except furniture): ³								
Number of establishments.....	41,506	41,164	249	73	18	2	2	5
All employees.....	748,993	589,271	83,195	47,728	528,799	(5)	4	4
Value added by manufacture.....	3,165,760	2,279,344	441,983	287,823	156,610	(5)	4	3
Furniture and fixtures:								
Number of establishments.....	7,934	7,694	158	60	20	2	6	9
All employees.....	342,000	209,287	55,614	41,079	56,020	(5)	5	2
Value added by manufacture.....	1,666,898	970,738	274,901	229,886	191,373	(5)	6	9
Paper and allied products:								
Number of establishments.....	4,456	3,948	327	143	34	4	6	3
All employees.....	473,371	212,465	111,171	94,292	44,835	10,608	4	3
Value added by manufacture.....	3,432,115	1,884,418	875,914	773,882	322,342	75,559	4	3
Printing and publishing indus- tries:								
Number of establishments.....	29,427	28,968	249	130	69	11	4	10
All employees.....	759,005	442,493	82,414	90,211	103,134	40,753	7	8
Value added by manufacture.....	4,902,972	2,622,858	543,324	642,123	713,590	381,077	6	8
Chemicals and allied products:								
Number of establishments.....	10,339	9,883	240	115	768	33	7	3
All employees.....	640,199	248,687	84,277	80,434	7105,011	121,790	5	3
Value added by manufacture.....	7,236,618	2,292,961	1,105,753	1,001,307	1,331,360	1,505,237	6	2
Petroleum and coal products:								
Number of establishments.....	1,142	(4)	92	47	24	14	20	5
All employees.....	206,785	42,228	34,907	32,377	36,387	60,886	15	5
Value added by manufacture.....	2,138,570	381,208	365,835	338,466	418,232	634,829	15	5
Rubber products:								
Number of establishments.....	838	681	59	50	31	17	30	15
All employees.....	236,442	32,532	20,373	37,711	48,079	97,747	20	15
Value added by manufacture.....	1,609,586	194,897	115,869	250,040	375,945	672,835	15	15
Leather and leather products:								
Number of establishments.....	4,903	4,414	366	105	17	1	10	10
All employees.....	380,723	163,044	124,270	88,795	524,614	(5)	15	8
Value added by manufacture.....	1,498,811	621,166	496,475	278,838	5102,332	(5)	15	8
Stone, clay, and glass products:								
Number of establishments.....	9,707	9,308	257	89	44	9	10	8
All employees.....	485,337	242,123	89,428	61,301	62,891	29,594	5	6
Value added by manufacture.....	3,138,263	1,459,787	599,450	426,364	480,898	171,764	6	8
Primary metal industries:								
Number of establishments.....	5,322	4,536	366	202	141	77	7	4
All employees.....	1,127,674	205,168	131,101	142,336	218,130	430,939	5	4
Value added by manufacture.....	7,950,990	1,375,608	989,244	1,049,349	1,572,545	2,964,244	4	3
Fabricated metal products:								
Number of establishments.....	16,975	16,208	429	208	8108	22	5	3
All employees.....	980,723	449,352	150,503	142,938	8147,275	90,655	5	3
Value added by manufacture.....	6,210,759	2,805,101	970,160	941,126	8902,219	592,153	5	3

For footnotes see end of table.

NO. 917.—MANUFACTURES—SELECTED STATISTICS, BY SIZE OF ESTABLISHMENT, FOR
MAJOR INDUSTRY GROUPS: 1950—Continued

[Value added figures in thousands of dollars]

MAJOR INDUSTRY GROUP AND ITEM	All oper- ating manu- facturing estab- lishments	ESTABLISHMENTS WITH AVERAGE EMPLOYMENT OF—					Standard error (percent) ¹	
		1-249 em- ployees	250-499 em- ployees	500-999 em- ployees	1,000-2,499 em- ployees	2,500 em- ployees and more		
		A	B	C	D	E	F	
Machinery (except electrical):								
Number of establishments.....	17,909	16,907	483	264	182	73		
All employees.....	1,363,866	404,988	166,627	184,575	266,054	341,622	5	3
Value added by manufacture.....	8,764,652	2,582,381	1,036,271	1,228,305	1,771,216	2,146,479	4	3
Electrical machinery:								
Number of establishments.....	3,873	3,303	227	180	108	55	9	6
All employees.....	759,873	138,810	80,017	126,284	166,306	248,456	6	5
Value added by manufacture.....	4,793,948	770,744	482,701	854,750	1,018,323	1,667,430	5	3
Transportation equipment:								
Number of establishments.....	2,780	2,258	145	117	² 145	115	15	4
All employees.....	1,216,387	86,134	52,319	84,268	³ 241,779	751,887	15	4
Value added by manufacture.....	8,546,828	451,233	294,204	533,272	⁴ 1,979,854	5,288,265	15	3
Instruments and related products:								
Number of establishments.....	2,697	2,530	78	46	29	14	10	8
All employees.....	230,451	61,139	27,695	32,485	44,880	64,252	15	7
Value added by manufacture.....	1,418,291	333,801	184,688	208,909	253,416	437,477	15	5
Miscellaneous manufactures:								
Number of establishments.....	13,764	13,456	183	87	34	4	8	8
All employees.....	476,897	291,532	63,740	58,084	51,051	12,490	8	9
Value added by manufacture.....	2,501,432	1,389,445	356,111	311,062	333,640	111,174	8	15

¹ See text, p. 745, for explanation of standard error. Standard errors for column A are approximately the same as corresponding standard errors for column B for "Number of establishments"; and are 3 percent or less for "All employees" and "Value added." Standard errors for column D are: From 5 to 8 percent for lumber and products, printing and publishing, leather and leather products, and miscellaneous manufactures; and from 1 to 4 percent for food and kindred products, apparel and related products, chemicals and allied products, and all industries total. Other estimates in columns D, E, and F, unless otherwise indicated, are based on reports from all establishments known to be in appropriate size classification.

² Standard error 1 percent.

³ Excludes employees separately reported at central administrative offices and auxiliary establishments. Including such employment, total manufacturing employment for United States in 1950 estimated at 14,683,000.

⁴ Withheld because estimate did not meet publication standards. See text, p. 745.

⁵ Data for any size class which cannot be shown without disclosing information for individual companies have been combined with figures for adjacent size class.

⁶ Data for logging industry and for sawmills producing less than 200,000 board feet of lumber are included in these estimates, but excluded from corresponding figures in table 919.

⁷ Standard error 3 percent for "Number of establishments," 3 percent for "All employees," and 2 percent for "Value added."

⁸ Standard error 10 percent for "Number of establishments," 8 percent for "All employees," and 7 percent for "Value added."

⁹ Standard error 1 percent.

Source: Department of Commerce, Bureau of the Census; *Annual Survey of Manufactures: 1949 and 1950*.

NO. 918.—INDEXES OF OUTPUT OF MAJOR CONSUMER DURABLE GOODS

[Base: 1947-49=100. For description of series, see *Federal Reserve Bulletin*, Oct. 1951, pp. 1235-1240]

TYPE OF GOODS	1947	1948	1949	1950	1951
Total.....	91	99	110	153	123
Passenger automobiles.....	85	93	122	160	128
Household goods.....	97	106	96	146	117
Carpets.....	92	114	94	111	78
Furniture.....	103	105	92	117	107
Major appliances.....	96	114	90	136	109
Cooking stoves.....	103	119	78	122	100
Electric.....	93	125	82	141	120
Nonelectric.....	109	115	76	111	88
Driers.....	70	104	127	384	588
Freezers.....	103	116	82	151	184
Ironers.....	131	103	67	89	61
Refrigerators.....	83	114	103	150	102
Vacuum cleaners.....	114	100	86	106	82
Washing machines.....	101	114	85	128	106
Radio and television.....	92	91	118	239	172
Radio sets.....	130	101	69	81	67
Television sets.....	13	70	218	563	390

Source: Board of Governors of the Federal Reserve System, published currently in *Federal Reserve Bulletin*.

No. 919.—MANUFACTURES—SELECTED STATISTICS, BY SIZE OF ESTABLISHMENT, FOR MAJOR INDUSTRY GROUPS: 1947

[Value figures in thousands of dollars. Value added by manufacture derived by subtracting from total value of products the cost of materials, supplies, containers, fuel, purchased electric energy and contract work]

MAJOR INDUSTRY GROUP AND ITEM	Total all establish- ments	ESTABLISHMENTS WITH AN AVERAGE OF—					
		1-49 em- ployees	50-249 em- ployees	250-499 em- ployees	500-999 employees	1,000-2,499 employees	2,500 em- ployees and more
All industries, total:							
Number of establishments.....	240, 881	197, 667	32, 995	5, 555	2, 729	1, 431	504
All employees.....	14, 294, 304	2, 277, 729	3, 529, 433	1, 929, 898	1, 869, 381	2, 146, 065	2, 541, 798
Value added by manufacture.....	74, 425, 825	11,004,453	18,386,484	10,450,830	10, 128, 788	11, 619, 386	12, 835, 884
Food and kindred products:							
Number of establishments.....	39, 933	34, 161	4, 914	535	216	85	22
All employees.....	1, 441, 847	392, 682	510, 331	181, 604	143, 044	131, 697	82, 489
Value added by manufacture.....	9, 024, 912	1, 996, 509	3, 274, 971	1, 270, 840	1, 077, 796	859, 914	544, 882
Tobacco manufactures:							
Number of establishments.....	1, 086	806	177	55	27	16	5
All employees.....	111, 782	6, 660	21, 995	19, 698	17, 943	26, 055	19, 431
Value added by manufacture.....	641, 356	16, 788	70, 333	76, 053	86, 546	221, 160	170, 476
Textile mill products:							
Number of establishments.....	8, 185	4, 572	2, 321	684	399	181	28
All employees.....	1, 233, 431	71, 254	274, 795	239, 842	271, 497	264, 961	111, 082
Value added by manufacture.....	5, 340, 376	385, 642	1, 120, 308	1, 006, 048	1, 146, 013	1, 167, 686	566, 189
Apparel and related products:							
Number of establishments.....	30, 960	25, 719	4, 679	422	114	23	3
All employees.....	1, 081, 844	359, 223	457, 801	143, 539	75, 796	33, 023	12, 462
Value added by manufacture.....	4, 443, 373	1, 719, 086	1, 733, 018	528, 229	276, 689	148, 453	38, 898
Lumber and products, exc. furni- ture:							
Number of establishments.....	26, 231	23, 452	2, 502	200	63	14	-----
All employees.....	635, 708	257, 782	249, 265	67, 251	41, 051	20, 359	-----
Value added by manufacture.....	2, 497, 192	827, 139	1, 035, 163	314, 802	202, 227	117, 861	-----
Furniture and fixtures:							
Number of establishments.....	7, 687	6, 287	1, 172	153	53	20	2
All employees.....	322, 384	77, 006	124, 675	50, 925	36, 842	133, 436	(1)
Value added by manufacture.....	1, 377, 908	310, 188	530, 885	216, 493	170, 432	149, 910	(1)
Paper and allied products:							
Number of establishments.....	4, 103	2, 204	1, 422	316	124	34	3
All employees.....	449, 833	42, 362	104, 965	108, 554	81, 666	44, 217	8, 069
Value added by manufacture.....	2, 874, 958	213, 070	1, 076, 622	747, 701	546, 545	243, 343	47, 677
Printing and publishing indus- tries:							
Number of establishments.....	28, 986	26, 673	1, 887	241	103	69	13
All employees.....	715, 460	225, 999	193, 050	82, 442	70, 523	93, 300	50, 136
Value added by manufacture.....	4, 269, 416	1, 174, 179	1, 122, 302	500, 306	457, 752	618, 143	306, 734
Chemicals and allied products:							
Number of establishments.....	10, 073	8, 097	1, 542	230	110	64	30
All employees.....	632, 319	98, 554	157, 861	79, 584	76, 305	100, 479	119, 476
Value added by manufacture.....	5, 365, 201	777, 855	1, 343, 006	797, 370	767, 678	806, 998	872, 294
Petroleum and coal products:							
Number of establishments.....	1, 387	897	310	101	42	25	12
All employees.....	212, 003	12, 058	34, 992	36, 229	28, 266	41, 002	59, 456
Value added by manufacture.....	2, 015, 307	127, 207	369, 098	380, 232	252, 454	429, 042	457, 274
Rubber products:							
Number of establishments.....	875	540	184	52	43	35	21
All employees.....	250, 092	7, 594	22, 441	18, 347	30, 826	50, 640	129, 244
Value added by manufacture.....	1, 302, 863	34, 597	108, 398	92, 256	147, 260	275, 814	644, 543
Leather and leather products:							
Number of establishments.....	5, 308	3, 773	1, 113	293	111	16	2
All employees.....	383, 175	51, 052	125, 964	104, 252	75, 586	126, 321	(1)
Value added by manufacture.....	1, 532, 803	263, 579	492, 603	387, 292	294, 916	194, 413	(1)
Stone, clay, and glass products:							
Number of establishments.....	11, 650	10, 090	1, 177	234	88	53	8
All employees.....	462, 072	90, 267	130, 916	80, 267	58, 649	73, 561	28, 412
Value added by manufacture.....	2, 306, 480	388, 936	662, 838	413, 818	311, 313	394, 843	134, 732
Primary metal industries:							
Number of establishments.....	5, 363	3, 217	1, 321	378	219	150	78
All employees.....	1, 157, 124	48, 287	155, 917	133, 949	151, 508	234, 317	433, 146
Value added by manufacture.....	5, 765, 434	222, 531	834, 963	755, 921	815, 250	1, 240, 635	1, 890, 134
Fabricated metal products:							
Number of establishments.....	16, 734	13, 427	2, 490	438	254	98	18
All employees.....	971, 461	160, 350	270, 486	153, 182	172, 427	142, 049	72, 967
Value added by manufacture.....	4, 921, 476	804, 898	1, 434, 659	797, 418	879, 453	672, 484	332, 564
Machinery (except electrical):							
Number of establishments.....	17, 906	14, 257	2, 490	547	322	215	75
All employees.....	1, 545, 323	162, 540	274, 579	189, 498	226, 148	331, 936	300, 622
Value added by manufacture.....	7, 812, 455	850, 565	1, 502, 877	1, 020, 977	1, 188, 055	1, 634, 131	1, 610, 350

See footnotes at end of table.

**No. 919.—MANUFACTURES—SELECTED STATISTICS, BY SIZE OF ESTABLISHMENT,
FOR MAJOR INDUSTRY GROUPS: 1947—Continued**

[Value figures in thousands of dollars]

MAJOR INDUSTRY GROUP AND ITEM	Total all establish- ments	ESTABLISHMENTS WITH AN AVERAGE OF—					
		1-49 em- ployees	50-249 em- ployees	250-499 em- ployees	500-999 employees	1,000-2,499 employees	2,500 em- ployees and more
Electrical machinery:							
Number of establishments.....	3, 973	2, 487	877	269	178	112	50
All employees.....	801, 359	33, 964	100, 643	97, 217	127, 961	175, 324	266, 250
Value added by manufacture.....	3, 894, 115	153, 613	483, 396	466, 350	611, 264	847, 969	1, 331, 523
Transportation equipment:							
Number of establishments.....	3, 711	2, 536	625	146	146	143	115
All employees.....	1, 181, 680	30, 988	71, 942	51, 630	104, 378	224, 822	697, 920
Value added by manufacture.....	5, 869, 196	144, 425	361, 926	248, 416	534, 567	1, 210, 791	3, 369, 071
Instruments and related prod- ucts:							
Number of establishments.....	2, 599	2, 065	369	75	40	38	12
All employees.....	231, 897	22, 294	40, 963	26, 063	29, 236	58, 348	55, 093
Value added by manufacture.....	1, 080, 336	104, 553	192, 582	134, 310	142, 504	258, 927	247, 460
Miscellaneous manufactures:							
Number of establishments.....	14, 131	12, 407	1, 414	186	77	40	7
All employees.....	464, 420	126, 813	145, 852	65, 825	50, 169	54, 283	21, 478
Value added by manufacture.....	2, 090, 168	539, 093	636, 951	295, 998	221, 074	270, 560	126, 492

¹ Data for any size class which cannot be shown without disclosing information for individual companies have been combined with figures for adjacent size class.

Source: Department of Commerce, Bureau of the Census; 1947 *Census of Manufactures*, Vol. I.

**No. 920.—COST OF FUELS CONSUMED AND PURCHASED ELECTRIC ENERGY, FOR
MAJOR INDUSTRY GROUPS: 1947 AND 1950**

[All figures in thousands of dollars. Excludes value of fuels and electric energy produced and consumed in the same establishment; also excludes cost of fuels used as raw materials, such as coal used in making coke. 1950 figures based on sample and subject to sampling variation]

INDUSTRY GROUP	1947 ¹			1950			Stand- ard error (per- cent) ³
	Total	Cost of fuels con- sumed ²	Cost of purchased electric energy	Total	Cost of fuels con- sumed ²	Cost of purchased electric energy	
All industries, total for manu- facturing establishments.....	3, 331, 518	2, 376, 801	954, 717	4, 158, 227	2, 929, 767	1, 228, 460	2
Food and kindred products.....	278, 783	170, 252	108, 531	330, 734	194, 519	136, 215	3
Tobacco manufactures.....	6, 036	3, 862	2, 174	7, 698	5, 074	2, 624	5
Textile mill products.....	166, 492	84, 036	82, 456	199, 332	95, 281	104, 051	2
Apparel and related products.....	29, 728	9, 161	20, 567	39, 386	12, 641	26, 745	5
Lumber and products (except furni- ture).....	67, 798	47, 834	19, 964	98, 828	66, 912	31, 916	3
Furniture and fixtures.....	21, 568	9, 898	11, 670	28, 681	11, 602	17, 079	3
Paper and allied products.....	198, 276	147, 670	50, 606	235, 609	174, 436	61, 183	2
Printing and publishing industries.....	35, 205	11, 409	23, 796	47, 937	19, 147	28, 790	3
Chemical and allied products.....	296, 004	211, 199	85, 405	370, 405	253, 321	117, 084	2
Petroleum and coal products.....	96, 691	68, 398	28, 293	144, 390	108, 285	36, 105	3
Rubber products.....	45, 912	21, 227	24, 685	51, 028	23, 138	27, 890	2
Leather and leather products.....	20, 718	11, 830	8, 888	25, 169	15, 301	9, 868	5
Stone, clay and glass products.....	257, 748	202, 870	54, 878	309, 289	236, 500	72, 789	3
Primary metal industries.....	1, 317, 136	1, 128, 352	188, 784	1, 072, 671	1, 420, 734	251, 937	2
Fabricated metal products.....	111, 008	57, 051	53, 957	138, 800	69, 611	69, 189	2
Machinery (except electrical).....	146, 971	75, 019	71, 952	160, 754	85, 220	81, 533	2
Electrical machinery.....	64, 420	29, 842	34, 578	77, 708	33, 641	44, 127	2
Transportation equipment.....	124, 695	65, 453	59, 242	154, 353	76, 963	77, 390	5
Instruments and related products.....	12, 459	5, 696	6, 763	16, 307	7, 970	8, 337	2
Miscellaneous manufactures.....	33, 270	15, 742	17, 528	43, 088	19, 481	23, 607	6

¹ In 1947 Census of Manufactures, smaller establishments submitting "short" form reports were not requested to supply data on fuels and electric energy. Resulting understatement is negligible.

² Includes all purchased fuel used for power and heat, such as anthracite and bituminous coal, natural and manufactured gas, fuel oil, liquefied petroleum gas, gasoline, and wood.

³ Refers to total cost column. Standard errors for other columns are the same or one percent higher. See text, p. 745, for explanation of standard error.

Source: Department of Commerce, Bureau of the Census; 1947 *Census of Manufactures*, Vol. I, and *Annual Survey of Manufactures: 1949 and 1950*.

**No. 921.—MANUFACTURES—PRINCIPAL FUELS AND ELECTRIC ENERGY CONSUMED,
BY MAJOR INDUSTRY GROUP: 1939 AND 1947**

[Excludes fuels produced and consumed in the same establishment and fuels used as a raw material for further manufacture]

INDUSTRY GROUP AND YEAR	Coal	Coke	Fuel oil	Natural gas	Other gas ¹	Electric energy
	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 barrels</i>	<i>Million cu. ft.</i>	<i>Million cu. ft.</i>	<i>Million kw.-hrs.</i>
All industries:						
1939.....	² 80,161	35,001	97,362	633,245	1,207,161	² 70,518
1947.....	110,869	66,171	166,947	1,238,311	2,766,642	140,947
Food and kindred products:						
1939.....	11,484	271	11,378	79,560	10,301	6,339
1947.....	13,269	195	15,314	108,785	16,927	10,180
Tobacco manufactures:						
1939.....	260	3	36	16	25	115
1947.....	489	(³)	121	44	32	219
Textile mill products:						
1939.....	6,018	11	9,236	2,717	609	6,802
1947.....	6,612	18	11,320	5,435	1,290	10,041
Apparel and related products:						
1939.....	371	3	453	1,385	1,085	356
1947.....	611	5	732	2,000	1,245	850
Lumber and products, except furniture:						
1939.....	838	6	944	2,092	74	1,415
1947.....	876	(³)	3,251	3,185	81	2,338
Furniture and fixtures:						
1939.....	839	3	164	303	236	365
1947.....	1,017	6	436	2,002	1,022	826
Paper and allied products:						
1939.....	10,303	20	6,725	32,695	796	9,502
1947.....	14,875	12	11,908	68,940	1,802	15,386
Printing and publishing industries:						
1939.....	478	3	603	2,189	4,292	859
1947.....	371	4	745	4,581	3,510	1,280
Chemicals and allied products:						
1939.....	9,929	422	11,174	55,769	14,413	9,538
1947.....	18,968	2,113	16,673	154,824	19,258	19,610
Petroleum and coal products:						
1939.....	1,540	1	2,413	118,873	104,307	3,452
1947.....	2,572	41	3,630	414,469	282,403	6,498
Rubber products:						
1939.....	1,871	1	671	3,732	1,094	1,584
1947.....	2,842	3	1,460	7,656	276	3,445
Leather and leather products:						
1939.....	1,066	(³)	394	859	103	402
1947.....	1,220	3	753	448	284	573
Stone, clay, and glass products:						
1939.....	12,515	134	8,022	145,964	4,527	4,496
1947.....	16,985	370	14,679	222,334	27,451	7,898
Primary metal industries:						
1939.....	13,696	33,401	35,499	149,135	1,046,626	17,632
1947.....	15,669	61,797	64,372	168,387	2,335,077	40,645
Fabricated metal products:						
1939.....	1,899	264	3,018	11,697	6,241	1,725
1947.....	2,307	405	5,230	20,690	15,826	3,901
Machinery (except electrical):						
1939.....	2,877	312	3,075	10,270	5,368	2,093
1947.....	4,195	650	6,260	25,637	11,190	5,921
Electrical machinery:						
1939.....	1,278	13	1,253	3,303	2,672	1,405
1947.....	2,101	188	2,268	6,587	6,298	3,616
Transportation equipment:						
1939.....	1,895	110	1,193	6,929	1,948	1,816
1947.....	4,532	346	5,258	20,011	38,274	6,061
Instruments and related products:						
1939.....	180	8	262	4,848	1,033	215
1947.....	385	2	567	503	1,848	545
Miscellaneous manufactures:						
1939.....	824	9	849	909	1,411	407
1947.....	953	13	1,970	1,793	2,548	1,114

¹ Includes blast furnace gas, except that consumed at blast furnaces.

² Revised after publishing the 1947 Census of Manufactures volumes.

³ Less than 500.

Source: Department of Commerce, Bureau of the Census; *Census of Manufactures: 1947*, Vol. I, and supplement (released April 16, 1951).

No. 922.—PROPORTION OF OUTPUT CONCENTRATED IN LARGEST MANUFACTURING COMPANIES: 1947 AND 1935

[Represents industries having shipments of one billion dollars and over; arrayed in order of value of shipments in 1947. Although industry classifications have changed considerably since the 1935 Census, direct comparisons are possible between 1947 and 1935 concentrations for 10 industries shown]

INDUSTRY	Number of companies	Value of shipments (\$1,000)	1947				1935	
			CONCENTRATION RATIOS				CONCENTRATION RATIOS	
			First 4 companies	First 8 companies	First 20 companies	First 50 companies	First 4 companies	First 8 companies
Motor vehicles and parts	779	¹ 3,577,404	55.7	63.6	77.8	88.5	-----	-----
Meat packing, wholesale	1,999	¹ 976,995	41.3	53.6	62.5	68.8	-----	-----
Steel works and rolling mills	111	¹ 2,275,697	44.7	62.8	81.1	94.2	-----	-----
Petroleum refining	277	6,623,708	37.3	58.8	82.7	91.7	38.2	58.9
Cotton broad woven fabrics	422	3,294,623	13.1	22.2	40.4	63.2	-----	-----
Paper and board mills	453	2,812,048	15.6	23.7	36.5	56.4	-----	-----
Sawmills and planing mills, general	19,223	2,526,927	5.4	7.2	11.0	17.9	-----	-----
Flour and meal	1,084	2,511,543	29.0	40.6	56.7	72.2	29.4	37.0
Bread and other bakery products	5,985	2,416,891	16.4	25.9	36.3	45.9	-----	-----
Prepared animal feeds	2,372	2,130,263	18.8	26.7	39.8	53.3	23.0	34.3
Newspapers	8,115	1,917,302	20.9	26.0	35.6	49.0	-----	-----
Footwear, except rubber	1,077	1,716,980	27.9	34.7	45.0	55.3	-----	-----
Blast furnaces	33	1,713,945	67.3	82.1	95.5	-----	66.0	82.8
Canning and preserving, except fish	1,856	1,640,754	26.7	34.9	45.5	57.6	-----	-----
Prepared meats	941	¹ 235,537	29.5	39.6	49.6	62.5	-----	-----
Tires and inner tubes	35	1,547,040	76.6	89.6	99.3	-----	80.9	90.4
Radios and related products	799	¹ 773,233	25.6	35.3	54.4	73.0	-----	-----
Commercial printing	11,810	1,521,655	9.1	13.4	20.3	28.7	-----	-----
Paperboard boxes	1,323	1,475,439	17.9	27.4	40.7	56.6	14.1	20.7
Organic chemicals, n. e. c.	188	1,445,210	47.0	64.4	86.4	95.8	-----	-----
Men's and boys' suits and coats	1,761	1,411,575	8.8	15.3	26.1	39.9	-----	-----
Refrigeration machinery	542	¹ 597,486	39.1	54.5	71.6	84.1	-----	-----
Woolen and worsted fabrics	427	1,355,209	28.1	40.4	56.0	71.7	-----	-----
Dresses, unit price	4,165	1,353,068	2.6	4.7	9.3	16.9	-----	-----
Malt liquors	404	1,317,854	21.4	30.0	43.8	64.0	11.8	17.7
Food preparations, n. e. c.	1,801	1,312,466	31.8	40.8	52.8	64.8	-----	-----
Paints and varnishes	1,154	1,248,841	27.3	35.7	48.2	60.9	-----	-----
Gray-iron foundries	1,554	1,172,671	16.3	23.6	35.3	48.1	-----	-----
Metal stampings	1,954	1,164,299	17.4	25.3	37.1	51.5	-----	-----
Heating and cooking apparatus, n. e. c.	792	1,134,085	11.7	20.2	37.1	57.4	-----	-----
Cigarettes	19	1,131,891	90.4	99.7	-----	-----	89.7	99.4
Soap and glycerin	223	1,085,789	79.0	85.9	92.7	97.1	73.5	83.1
Periodicals	2,106	1,085,616	34.3	43.1	57.7	71.0	-----	-----
Leather tanning and finishing	500	1,070,085	26.5	38.6	55.1	74.7	22.5	34.8
Copper rolling and drawing	56	1,063,658	60.1	76.5	92.2	100.0	-----	-----
Motors and generators	224	1,007,186	58.6	66.0	80.4	93.0	-----	-----
Women's suits and coats	2,464	1,003,755	4.8	7.9	15.4	26.5	-----	-----
Rayon & related broad woven fabrics	432	1,002,923	30.7	39.3	56.0	76.4	-----	-----

¹ Value added by manufacture; value of shipments not used for concentration ratios because of excessive duplication in these industries owing to the fact that the products of some establishments of this industry are used as materials by other establishments also classified in this industry. Rank determined by value of shipments, however.

Source: Department of Commerce. Letter from Secretary of Commerce to Chairman, House of Representatives Subcommittee on Study of Monopoly Power (Celler Committee), with attachments (processed), Dec. 1, 1949. Based on 1947 Census of Manufactures.

No. 923.—CONCENTRATION IN MANUFACTURING AS MEASURED BY HOLDINGS OF 113 LARGEST CORPORATIONS: 1947

[Millions of dollars. Data for corporations with assets in excess of \$100,000,000 each in 1947, based on consolidated reports of 113 largest manufacturing corporations and reflect their total activities, manufacturing and nonmanufacturing]

ASSETS	113 corporations	Total manufacturing ¹	Percent of total	LIABILITIES	113 corporations	Total manufacturing ¹	Percent of total
Total	42,197.3	105,369.2	40.0	Total	42,197.3	105,369.2	40.0
Current assets, total.....	22,371.8	62,649.4	35.7	Current liabilities, total.....	7,793.6	23,448.3	33.2
Cash.....	4,340.3	12,072.8	36.0	Bank loans payable within 1 year.....	545.2	3,008.7	18.1
U. S. Government securities.....	3,433.0	7,387.3	46.5	Other notes and accounts payable.....	3,088.6	8,333.6	37.1
Other marketable securities.....	127.3	759.7	16.8	Federal income taxes accrued.....	2,610.2	7,669.1	34.0
Accounts and notes receivable—net.....	4,155.2	13,078.9	81.8	Other current liabilities.....	1,549.8	4,436.5	34.9
Inventories.....	10,175.1	28,590.5	35.6	Long-term debt and other liabilities.....	5,070.0	9,450.7	53.6
Other current assets.....	140.9	760.1	18.5	Stockholders' equity.....	29,333.9	72,470.8	40.5
Property, plant and equipment—net.....	16,093.4	34,907.0	46.1				
Other assets including deferred charges.....	3,732.1	7,812.7	47.8				

¹ Includes an adjustment of 8 percent to allow for nonincorporated enterprises.

Source: Federal Trade Commission; *Report on The Concentration of Productive Facilities, 1947.*

No. 924.—MERGERS AND ACQUISITIONS OF MANUFACTURING AND MINING CONCERNS, BY INDUSTRY: 1940 TO 1947

[Figures based on actions reported by Moody's Investors Service and Standard and Poor's Corporation, and as such excludes an unknown number of unreported acquisitions and mergers]

INDUSTRY OF ACQUIRING COMPANY	Total number of firms merged or acquired	Percent	INDUSTRY OF ACQUIRING COMPANY	Total number of firms merged or acquired	Percent
Grand total	12,062	100.0	Durable goods industries, total.....	803	38.9
Nondurable goods industries, total.....	1,084	52.6	Primary metals.....	134	6.6
Food and kindred products.....	369	17.9	Iron and steel (basic).....	105	5.1
Food.....	270	13.1	Other primary metals.....	29	1.4
Beverages.....	99	4.8	Fabricated metals.....	107	5.2
Tobacco manufactures.....	4	.2	Nonelectrical machinery.....	167	8.1
Textiles and apparel.....	1154	7.5	Electrical machinery.....	105	5.1
Paper and allied products.....	84	4.1	Transportation equipment.....	149	7.2
Printing and publishing.....	28	1.4	Professional and scientific instruments.....	27	1.3
Chemicals.....	212	10.2	Lumber and furniture.....	50	2.4
Drugs and medicines.....	53	4.0	Stone, clay, and glass products.....	64	3.1
Other chemicals.....	129	6.2	Other, total.....	175	8.5
Petroleum and coal products.....	167	7.6	Mining.....	71	3.4
Rubber products.....	25	1.2	Nonmanufacturing.....	104	5.1
Leather products.....	19	.9			
Miscellaneous manufacturing.....	32	1.6			

¹ Excludes an additional 388 cases reported in *Textile World, 1940-47.*

Source: Federal Trade Commission; *Report of the Federal Trade Commission on the Merger Movement.*

NO. 925.—MANUFACTURES—GENERAL STATISTICS, BY MAJOR INDUSTRY GROUPS:
1947, 1949, AND 1950

[See text, p. 744. 1949 and 1950 figures based on sample and subject to sampling variation]

MAJOR INDUSTRY GROUP	1947						Value added by manu- facture (\$1,000) ¹
	Number of es- tablish- ments	All employees		Production workers			
		Number (average for the year)	Salaries and wages, total (\$1,000)	Number (average for the year)	Wages, total (\$1,000)		
All industries.....	240,881	14,294,304	39,689,527	11,916,188	30,242,343	74,425,825	
Food and kindred products.....	39,933	1,441,847	3,789,387	1,099,478	2,572,190	9,024,912	
Tobacco manufactures.....	1,086	111,782	205,838	103,289	175,318	641,356	
Textile mill products.....	8,185	1,233,431	2,836,166	1,147,194	2,440,312	5,340,876	
Apparel and related products.....	30,960	1,081,844	2,527,499	972,897	2,015,220	4,443,373	
Lumber and products (exc. furniture) ² ..	26,231	635,708	1,337,612	596,118	1,179,981	2,497,192	
Furniture and fixtures.....	7,687	322,384	824,061	282,780	653,915	1,377,908	
Paper and allied products.....	4,103	449,833	1,280,672	388,901	1,010,972	2,874,958	
Printing and publishing industries.....	28,986	715,450	2,277,263	438,135	1,318,285	4,269,416	
Chemicals and allied products.....	10,073	632,319	1,910,463	466,458	1,242,628	5,365,201	
Petroleum and coal products.....	1,387	212,003	739,345	169,610	556,365	2,015,307	
Rubber products.....	875	250,092	783,464	214,533	614,762	1,302,863	
Leather and leather products.....	5,908	383,175	873,566	348,529	725,143	1,532,803	
Stone, clay, and glass products.....	11,650	462,072	1,210,768	405,755	984,884	2,306,480	
Primary metal industries.....	5,363	1,157,124	3,594,548	1,010,055	2,976,507	5,765,424	
Fabricated metal products.....	16,734	971,461	2,832,835	822,514	2,188,581	4,921,476	
Machinery (except electrical).....	17,906	1,545,823	4,804,563	1,244,135	3,592,771	7,812,455	
Electrical machinery.....	3,973	801,359	2,271,039	639,147	1,647,401	3,894,115	
Transportation equipment.....	3,711	1,181,680	3,719,583	987,142	2,939,815	5,869,196	
Instruments and related products.....	2,599	231,997	665,347	181,939	467,785	1,080,336	
Miscellaneous manufactures.....	14,131	464,420	1,205,508	397,579	920,508	2,090,168	

MAJOR INDUSTRY GROUP	1949		1950				STAND- ARD ERROR (per- cent) ³		
	All em- ployees (average for the year)	Value added by manu- facture (\$1,000) ¹	All employees		Production workers				
			Number (average for the year)	Salaries and wages, total (\$1,000)	Number (average for the year)	Wages, total (\$1,000)	Value added by manu- facture (\$1,000) ¹		
All industries.....	13,566,847	75,366,527	14,369,747	46,599,011	11,766,056	34,565,698	89,675,779	1	1
Food and kindred products.....	1,463,019	9,425,893	1,480,685	4,411,245	1,073,510	2,854,851	10,094,708	1	1
Tobacco manufactures.....	100,729	778,563	92,323	212,536	84,576	177,313	806,118	1	2
Textile mill products.....	1,169,812	4,740,938	1,239,121	3,354,821	1,139,191	2,853,294	5,624,030	1	2
Apparel and related products.....	1,160,808	4,245,194	1,128,892	2,764,024	1,003,945	2,169,240	4,174,430	3	3
Lumber and products (exc. furniture) ²	649,144	2,283,920	748,993	1,748,234	691,938	1,509,888	3,165,760	3	3
Furniture and fixtures.....	309,817	1,411,788	342,000	1,012,877	295,533	774,085	1,666,898	3	3
Paper and allied products.....	447,230	2,777,231	473,371	1,604,172	400,090	1,237,443	3,432,115	1	1
Printing and publishing in- dustries.....	756,233	4,658,892	759,005	2,906,083	470,898	1,699,948	4,902,972	3	3
Chemicals and allied products.....	612,030	5,847,549	640,199	2,341,957	456,591	1,470,795	7,236,618	1	1
Petroleum and coal products.....	208,397	1,743,845	206,785	850,261	161,945	623,752	2,138,570	1	2
Rubber products.....	222,368	1,194,668	236,442	831,103	194,374	639,271	1,609,586	1	1
Leather and leather products.....	375,246	1,386,560	380,723	940,271	341,733	773,381	1,498,811	3	3
Stone, clay, and glass prod- ucts.....	453,192	2,450,931	485,337	1,529,473	418,153	1,220,126	3,138,263	1	2
Primary metal products.....	1,016,289	5,710,240	1,127,674	4,157,451	977,450	3,400,055	7,950,990	1	1
Fabricated metal products.....	872,229	4,834,171	980,723	3,404,061	806,801	2,523,638	6,210,759	2	1
Machinery (except electrical).....	1,295,091	7,688,711	1,363,866	5,063,008	1,064,266	3,609,065	8,764,652	1	1
Electrical machinery.....	663,147	3,901,654	759,873	2,517,870	606,523	1,789,460	4,793,948	1	1
Transportation equipment.....	1,139,983	7,054,449	1,216,387	4,679,459	1,005,883	3,656,460	8,546,828	1	1
Instruments and related products.....	204,823	1,122,649	230,451	828,204	171,782	539,891	1,418,201	2	3
Miscellaneous manufactures.....	447,260	2,108,682	476,897	1,432,901	400,874	1,043,742	2,501,432	3	3

¹ Value of products less cost of materials, supplies, fuel, electric energy, and contract work.

² Data for the logging industry and for sawmills producing less than 200,000 board feet of lumber are included in the estimates for 1949 and 1950, but are excluded from the figures for 1947.

³ See text, p. 745, for explanation of standard error. Refers to columns "All employees—Number (average for the year)"; standard errors of estimates for other columns usually of same magnitude.

Source: Department of Commerce, Bureau of the Census; *Census of Manufactures: 1947*, Vol. II, and *Annual Survey of Manufactures: 1949 and 1950*.

No. 926.—MANUFACTURES—GENERAL STATISTICS FOR INDUSTRY GROUPS: 1949 AND 1950

[See text, p. 744. Figures based on sample and subject to sampling variation]

INDUSTRY GROUP	1949		1950					STANDARD ERROR (per cent) ²
	All employees (average for the year)	Value added by manufacture (\$1,000) ¹	All employees		Production workers		Value added by manufacture (\$1,000) ¹	
			Number (average for the year)	Salaries and wages, total (\$1,000)	Number (average for the year)	Wages, total (\$1,000)		
All industries.....	13,566,847	75,366,527	14,369,747	46,599,011	11,766,056	34,565,698	89,675,779	1 1
Food and kindred products.....	1,463,019	9,425,893	1,480,685	4,411,245	1,073,510	2,854,851	10,094,708	1 1
Meat products.....	284,145	1,508,678	282,331	903,867	221,112	559,224	1,505,554	2 2
Dairy products.....	96,642	689,145	104,797	278,343	70,767	177,068	685,742	4 5
Canning, preserving, and freezing.....	204,745	928,069	203,432	467,469	176,274	360,938	1,117,681	3 3
Grain mill products.....	111,786	949,760	115,004	364,649	83,592	245,105	1,111,046	5 6
Bakery products.....	292,073	1,580,185	293,720	914,968	190,296	503,719	1,639,228	2 2
Sugar.....	32,371	190,449	34,573	106,839	29,961	85,588	219,067	2 3
Confectionery and related products.....	92,180	511,043	96,452	253,251	76,384	177,187	575,960	4 5
Beverages.....	204,647	1,956,249	210,821	707,531	129,126	395,373	2,018,569	3 3
Miscellaneous food preparations.....	144,430	1,103,315	139,555	414,328	95,998	250,649	1,221,861	4 4
Tobacco manufactures.....	100,729	778,563	92,323	212,536	84,576	177,313	866,118	1 2
Cigarettes.....	28,459	466,458	27,743	75,546	25,420	65,306	493,049	1 1
Cigars.....	43,924	137,318	40,625	78,507	38,281	67,052	146,707	2 3
Chewing and smoking tobacco.....	9,537	64,443	8,656	21,721	7,632	17,122	64,071	1 3
Tobacco stemming and re-drying.....	18,809	(4)	(4)	(4)	(4)	(4)	(4)	1 ---
Textile mill products.....	1,169,812	4,740,938	1,239,121	3,354,821	1,139,191	2,853,294	5,624,030	1 2
Woolen and worsted manufactures.....	144,517	641,600	156,676	469,097	143,714	402,999	737,144	3 3
Yarn and thread mills, except wool.....	107,595	350,010	117,616	265,669	110,198	235,108	412,813	2 2
Cotton and rayon broad-woven fabrics.....	424,869	1,705,943	440,090	1,155,444	416,125	1,035,709	1,945,352	2 2
Knitting mills.....	236,621	851,917	245,416	591,022	224,057	499,866	986,203	3 3
Finishing textiles, except wool.....	81,559	382,660	89,228	278,863	79,082	223,199	433,396	2 2
Carpets and rugs.....	58,677	311,915	69,001	227,138	60,117	179,854	474,931	2 2
Hats (except cloth and millinery).....	19,062	76,801	19,173	54,802	16,536	43,536	82,773	2 8
Miscellaneous textile goods.....	69,628	317,915	(4)	(4)	(4)	(4)	(4)	10 ---
Apparel and related products.....	1,160,808	4,245,194	1,128,892	2,764,024	1,003,945	2,169,240	4,174,430	3 3
Men's and boys' suits and coats.....	136,187	575,830	154,827	428,618	138,421	348,705	588,260	3 6
Men's and boys' furnishings.....	255,016	712,878	272,101	556,969	249,948	455,062	794,824	4 3
Women's and misses' outerwear.....	361,494	1,394,407	323,324	842,899	287,905	665,732	1,272,696	5 5
Women's and children's undergarments.....	91,688	358,921	96,416	223,159	84,193	162,990	360,715	4 5
Millinery.....	20,316	94,100	20,925	65,935	17,520	50,041	99,651	4 8
Children's outerwear.....	70,435	246,948	60,320	148,251	52,119	110,554	220,723	15 30
Fur goods.....	14,256	95,527	(4)	(4)	(4)	(4)	(4)	5 ---
Miscellaneous apparel and accessories.....	58,909	180,263	54,499	121,915	48,248	94,286	171,913	6 6
Miscellaneous fabricated textiles.....	152,507	586,320	137,299	327,691	118,014	242,395	589,316	9 9
Lumber and products (except furniture) ⁶	649,144	2,283,929	748,993	1,748,234	691,938	1,509,888	3,165,760	3 3
Lumber and timber basic products.....	395,092	1,325,017	477,560	1,004,216	448,574	896,253	1,903,198	3 3
Millwork and related products.....	94,445	421,002	116,839	374,366	100,733	297,195	627,774	6 4
Wood containers.....	57,167	178,142	56,363	130,519	51,807	110,889	208,445	5 6
Miscellaneous wood products.....	63,704	226,779	61,638	155,770	55,493	126,859	275,994	4 6
Furniture and fixtures.....	309,817	1,411,788	342,000	1,012,877	295,533	774,085	1,666,898	3 3
Household furniture.....	223,595	950,083	250,962	714,278	221,193	557,606	1,173,578	4 3
Office furniture.....	17,903	103,696	19,513	65,936	15,759	48,797	110,999	2 2
Public and professional furniture.....	14,269	74,107	13,125	46,108	10,825	32,719	77,725	2 16
Partitions and fixtures.....	26,643	150,352	27,214	96,181	22,289	72,095	147,904	7 5
Screens, shades, and blinds.....	24,064	118,029	27,244	78,110	22,202	54,040	141,424	4 7
Miscellaneous furniture and fixtures.....	3,343	15,571	(4)	(4)	(4)	(4)	(4)	5 ---
Paper and allied products.....	447,230	2,777,231	473,371	1,604,172	400,090	1,237,443	3,432,115	1 1
Pulp, paper, and paperboard.....	191,849	1,378,105	197,208	722,565	170,859	590,411	1,745,776	1 1
Paper coating and glazing.....	21,040	124,345	21,186	76,757	16,795	54,898	151,411	2 4
Envelopes.....	14,725	77,601	15,376	50,441	12,640	34,914	86,532	3 6
Paper bags.....	23,841	128,153	26,805	81,115	23,202	62,343	146,171	1 2
Paperboard containers and boxes.....	116,685	598,945	127,236	403,409	106,995	298,302	729,654	3 2
Pulp goods and miscellaneous paper products.....	79,090	470,082	85,560	269,885	69,599	196,575	572,571	3 4

See footnotes at end of table.

No. 926.—MANUFACTURES—GENERAL STATISTICS FOR INDUSTRY GROUPS: 1949 AND 1950—Continued

INDUSTRY GROUP	1949		1950				STAND- ARD- ERROR (per- cent) ²		
	All em- ployees (average for the year)	Value added by manu- facture (\$1,000) ¹	All employees		Production workers				Value added by manu- facture (\$1,000) ¹
			Number (average for the year)	Salaries and wages, total (\$1,000)	Number (average for the year)	Wages, total (\$1,000)			
Printing and publishing industries.....	756,233	4,658,892	759,005	2,906,083	470,898	1,699,948	4,902,972	3	3
Newspapers.....	262,108	1,599,745	267,347	1,000,906	146,052	549,432	1,705,628	3	3
Periodicals.....	73,867	669,430	71,735	305,612	22,422	82,128	690,048	7	7
Books.....	48,531	415,719	56,308	191,702	22,214	74,405	439,907	5	5
Commercial printing.....	202,138	1,054,790	195,993	717,831	157,313	539,647	1,091,100	8	8
Lithographing.....	(4)	(4)	52,611	248,325	38,518	155,801	322,499	---	10
Greeting cards.....	(4)	(4)	15,980	61,598	11,264	29,978	82,425	---	9
Bookbinding and related industries.....	(4)	(4)	40,349	123,065	33,467	91,464	179,088	---	15
Printing trades service industries.....	42,476	276,856	42,414	212,400	33,463	158,885	283,218	5	5
Chemicals and allied products.....	612,030	5,847,549	640,199	2,341,957	456,591	1,470,795	7,236,618	1	1
Industrial inorganic chemicals.....	71,489	599,377	70,072	265,880	54,970	192,102	741,863	1	1
Industrial organic chemicals.....	104,893	1,843,775	206,044	789,891	154,022	539,369	2,642,619	1	1
Soap and related products.....	46,609	602,012	48,642	189,806	30,196	105,754	682,507	6	6
Paints and allied products.....	65,285	554,727	71,878	276,821	44,258	145,114	665,368	2	2
Gum and wood chemicals.....	7,271	40,088	(4)	(4)	(4)	(4)	(4)	1	---
Fertilizers.....	31,992	178,552	31,393	78,453	24,701	54,030	171,278	2	7
Vegetable and animal oils.....	43,401	344,479	43,905	132,279	35,642	97,082	393,012	2	3
Miscellaneous chemical products.....	80,757	801,243	83,085	283,118	56,308	160,827	897,345	3	3
Petroleum and coal products.....	208,397	1,743,845	206,785	850,261	161,945	623,752	2,138,570	1	2
Petroleum refining.....	144,155	1,210,876	139,125	607,744	105,611	435,796	1,484,441	1	1
Coke and byproducts.....	38,366	310,112	40,583	143,389	35,195	118,747	408,363	1	1
Paving and roofing materials.....	19,039	156,856	21,224	73,103	17,522	55,764	183,417	4	15
Miscellaneous petroleum and coal products.....	6,817	66,001	5,853	26,026	3,617	13,445	62,349	3	20
Rubber products.....	222,368	1,194,668	236,442	831,103	194,374	639,271	1,609,586	1	1
Tires and inner tubes.....	87,042	518,998	80,520	357,291	73,899	283,100	763,787	1	1
Rubber footwear.....	24,331	107,333	18,924	53,301	15,672	40,715	86,123	1	1
Reclaimed rubber.....	2,153	9,280	2,365	9,312	2,097	7,834	16,707	1	1
Rubber industries, n. e. c.....	108,842	559,087	125,633	411,199	102,706	307,613	742,969	2	2
Leather and leather products.....	375,246	1,386,550	380,723	949,271	341,733	773,381	1,498,811	3	3
Leather tanning and finishing.....	50,195	201,514	49,623	164,904	44,883	134,840	318,543	5	5
Industrial leather belting.....	4,865	30,206	5,333	20,205	4,096	11,522	35,099	1	15
Footwear cut stock.....	20,260	72,988	22,280	51,585	19,001	40,718	72,460	3	10
Footwear (except rubber).....	240,392	778,336	241,197	560,615	219,803	470,016	855,424	3	3
Leather gloves and mittens.....	8,713	24,515	(4)	(4)	(4)	(4)	(4)	2	---
Luggage.....	15,007	61,674	15,101	41,806	13,255	33,782	60,466	5	20
Handbags and small leather goods.....	28,240	100,121	31,680	73,570	28,119	56,680	99,063	7	10
Miscellaneous leather goods.....	7,574	27,196	9,387	22,441	7,176	14,583	39,812	4	20
Stone, clay, and glass products.....	453,192	2,450,931	485,337	1,529,473	418,153	1,220,126	3,138,263	1	2
Flat glass.....	23,329	152,284	20,286	103,990	23,685	92,208	201,555	1	1
Pressed and blown glassware.....	78,366	409,596	83,920	253,954	74,473	216,715	503,852	2	2
Products of purchased glass.....	20,756	140,761	24,813	76,581	22,265	64,861	187,714	7	15
Cement,hydraulic.....	35,613	302,691	38,205	127,426	32,675	100,202	391,216	1	5
Structural clay products.....	69,787	279,560	74,147	216,559	66,263	177,063	371,642	2	4
Pottery and related products.....	59,307	225,816	50,431	172,256	53,222	142,582	260,883	3	5
Concrete and plaster products.....	78,315	427,612	80,425	260,099	70,516	199,289	576,450	4	4
Cut-stone and stone products.....	13,770	67,062	(4)	(4)	(4)	(4)	(4)	5	---
Miscellaneous nonmetallic mineral products.....	73,949	445,649	81,044	279,496	66,409	205,857	585,571	3	3
Primary metal industries.....	1,016,289	5,710,240	1,127,674	4,157,451	977,450	3,400,055	7,950,990	1	1
Blast furnaces and steel mills.....	504,293	2,921,069	554,509	2,057,296	484,500	1,713,152	4,101,067	1	1
Iron and steel foundries.....	211,582	928,357	228,444	806,777	203,003	678,418	1,170,743	3	3
Primary nonferrous metals.....	40,772	273,896	42,556	148,260	36,296	121,835	405,883	1	1
Secondary nonferrous metals.....	14,024	99,372	15,981	50,138	12,337	38,964	137,060	2	3
Nonferrous metal rolling and drawing.....	72,077	444,921	87,207	323,397	73,146	255,476	736,922	1	1
Nonferrous foundries.....	50,504	280,715	65,182	231,180	55,615	183,129	371,634	4	2
Miscellaneous primary metal industries.....	117,037	761,910	133,795	531,403	112,553	409,081	1,020,181	2	2

See footnotes at end of table.

No. 926.—MANUFACTURES—GENERAL STATISTICS FOR INDUSTRY GROUPS: 1949 AND 1950—Continued

INDUSTRY GROUP	1949		1950					STAND- ARD ERROR (Per- cent) ²	
	All em- ployees (average for the year)	Value added by manu- facture (\$1,000) ¹	All employees		Production workers		Value added by manu- facture (\$1,000) ¹		
			Number (average for the year)	Salaries and wages, total (\$1,000)	Number (average for the year)	Wages, total (\$1,000)			
Fabricated metal products.	872,229	4,834,171	980,723	3,404,061	806,801	2,523,638	6,210,759	2	1
Tin cans and other tinware.	46,744	275,311	51,611	171,962	44,855	141,900	342,210	1	1
Cutlery, hand tools and hardware.	138,868	721,776	153,650	510,623	128,108	382,820	919,349	3	2
Heating and plumbing equipment.	113,325	628,932	135,425	458,306	109,651	338,098	879,847	3	3
Structural metal products.	212,890	1,278,297	220,548	842,923	179,297	581,777	1,556,799	3	2
Metal stamping and coating.	162,010	827,540	184,730	639,186	155,915	490,104	1,076,860	3	3
Lighting fixtures.	43,303	250,504	46,281	157,398	37,276	109,234	277,362	5	5
Fabricated wire products.	59,163	292,039	68,297	226,551	59,056	177,512	391,987	4	3
Miscellaneous fabricated metal products.	95,926	559,772	111,181	397,112	92,643	301,293	766,345	4	3
Machinery (except electrical).	1,295,091	7,688,711	1,363,866	5,063,008	1,064,266	3,609,065	8,764,652	1	1
Engines and turbines.	73,357	460,012	74,788	276,017	56,626	191,339	472,307	2	2
Tractors and farm machinery.	171,257	1,011,459	166,258	564,419	131,018	416,204	1,070,823	2	2
Construction and mining machinery.	93,748	589,230	96,533	363,014	72,565	246,140	645,007	3	3
Metalworking machinery.	178,689	1,012,279	188,558	783,451	149,011	562,364	1,256,387	3	2
Special industry machinery, n. e. c.	184,724	1,043,987	186,662	701,241	141,708	484,443	1,099,218	3	2
General industry machinery.	180,267	1,126,185	183,190	685,939	130,957	440,466	1,176,725	3	2
Office and store machines.	81,192	469,698	87,090	317,203	72,336	243,245	542,399	1	1
Service and household machines.	169,503	1,073,756	200,037	728,399	161,050	544,293	1,373,754	5	3
Miscellaneous machinery parts.	162,354	902,105	180,750	643,325	148,395	480,571	1,128,032	3	2
Electrical machinery.	663,147	3,901,654	759,873	2,517,870	606,523	1,789,460	4,793,948	1	1
Electrical industrial apparatus.	265,033	1,616,483	279,330	981,840	215,146	669,666	1,778,814	2	2
Electrical appliances.	36,490	231,722	46,726	154,600	38,453	115,280	340,953	2	2
Insulated wire and cable.	17,355	92,468	18,244	56,169	14,746	41,341	116,079	3	4
Engine electrical equipment.	36,890	204,471	39,971	149,315	33,516	117,038	263,847	1	1
Electric lamps.	19,468	132,042	21,679	61,588	18,888	49,480	165,170	2	1
Communication equipment.	249,791	1,393,104	314,337	985,942	254,577	705,562	1,866,201	2	2
Miscellaneous electrical products.	38,120	231,364	39,587	128,416	31,197	91,093	262,884	2	2
Transportation equipment.	1,139,983	7,054,449	1,216,387	4,679,459	1,005,883	3,656,460	8,546,828	1	1
Motor vehicles and equipment.	679,047	4,739,502	756,937	2,960,512	655,532	2,448,123	6,122,196	1	1
Aircraft and parts.	262,643	1,344,068	289,545	1,132,017	211,509	760,244	1,550,551	1	1
Ships and boats.	102,455	437,817	86,644	289,409	72,522	224,500	379,691	5	4
Railroad equipment.	82,255	472,357	69,592	253,108	55,503	188,891	427,853	1	1
Motorcycles and bicycles.	9,531	47,308	10,895	35,547	8,565	28,269	52,098	4	2
Transportation equipment, n. e. c.	3,152	13,397	2,774	8,866	2,252	6,433	14,439	1	2
Instruments and related products.	204,823	1,122,649	230,451	828,204	171,782	539,891	1,418,291	2	3
Scientific instruments.	15,357	77,677	25,592	104,447	16,425	60,006	128,951	3	3
Mechanical measuring instruments.	46,806	273,297	59,625	213,314	45,625	147,028	369,517	3	3
Optical instruments and lenses.	7,167	31,856	12,758	48,301	8,716	30,386	73,830	2	2
Medical instruments and supplies.	36,639	213,675	36,022	125,516	25,657	75,458	229,233	4	4
Ophthalmic goods.	21,904	98,386	(4)	(4)	(4)	(4)	(4)	10	2
Photographic equipment.	43,811	272,066	43,740	171,771	30,858	106,365	327,880	2	2
Watches and clocks.	33,139	155,702	32,233	106,792	27,093	77,697	189,576	3	6
Miscellaneous manufactures.	447,260	2,108,682	476,897	1,432,901	400,874	1,043,742	2,501,432	3	3
Jewelry and silverware.	55,648	271,909	55,706	188,275	44,346	135,295	284,190	6	6
Musical instruments and parts.	14,862	68,652	17,083	54,419	15,047	43,660	85,540	1	3
Toys and sporting goods.	73,660	306,513	88,174	234,281	77,861	175,327	421,857	8	9
Office supplies.	28,781	150,037	28,158	85,043	20,797	53,503	169,338	10	30
Costume jewelry and notions.	75,802	319,495	68,799	184,606	59,526	139,105	313,458	8	8
Plastics products, n. e. c.	59,077	303,837	75,555	245,198	63,997	179,585	473,350	8	8
Miscellaneous manufactures.	139,430	682,239	143,422	441,079	119,300	317,267	753,699	4	4

¹ Value of products less cost of materials, supplies, fuel, electric energy, and contract work.

² See text, p. 745, for explanation of standard error. Refers to columns "All employees—Number (average for the year)"; standard errors of estimates for other columns usually of same magnitude. ³ Not available.

⁴ Withheld because estimate did not meet publication standards. See text, p. 745.

⁵ There is some undercoverage in 1949 sample, especially in logging industry. Total employment for establishments not sampled is estimated at less than 5 percent.

Source: Department of Commerce, Bureau of the Census; *Annual Survey of Manufactures: 1949 and 1950*.

No. 927.—MANUFACTURES—GENERAL STATISTICS, BY INDUSTRY: 1947 and 1939

[Figures for 1939 adjusted for comparability with 1947. See text, p. 744]

INDUSTRY	1947						Number of production workers (average for the year), * 1939
	Number of establishments	All employees ¹		Production workers		Value added by manufacture (\$1,000) ²	
		Number (average for the year)	Salaries and wages, total (\$1,000)	Number (average for the year)	Wages, total (\$1,000)		
Food and kindred products	39,933	1,441,847	3,789,387	1,099,478	2,572,190	9,024,912	802,133
Meat products.....	3,974	274,441	781,940	220,732	584,566	1,280,092	146,624
Meat packing, wholesale.....	2,153	208,369	622,770	167,072	468,743	976,995	115,046
Prepared meats.....	1,264	44,379	122,742	34,473	86,570	235,537	17,624
Poultry dressing, wholesale.....	557	21,693	36,428	19,187	29,253	68,160	13,954
Dairy products.....	5,423	92,693	225,312	69,074	155,841	595,168	50,488
Creamery butter.....	1,633	20,564	44,373	15,242	31,883	107,248	17,953
Natural cheese.....	1,711	12,320	27,597	10,535	23,024	63,257	5,009
Concentrated milk.....	428	16,635	42,870	13,982	34,838	148,771	9,705
Ice cream and ices.....	1,521	35,807	92,000	23,196	52,222	228,049	15,443
Special dairy products.....	130	7,367	18,472	6,119	13,874	47,843	2,378
Canning, preserving, and freezing.....	3,826	201,627	418,669	181,004	339,224	916,621	135,087
Canned sea food.....	254	20,153	37,207	18,929	31,755	96,807	15,735
Cured fish.....	127	2,431	5,111	2,143	3,763	9,948	1,893
Canning and preserving, exc. fish.....	2,265	135,974	288,443	121,916	284,886	609,939	93,903
Dehydrated fruits and vegetables.....	146	3,976	8,145	3,662	6,834	18,155	8,058
Pickles and sauces.....	743	21,730	48,221	18,584	36,153	122,395	12,464
Frozen foods.....	291	17,363	31,542	15,770	25,833	59,377	3,334
Grain-mill products.....	4,206	113,217	311,736	86,063	216,229	1,001,692	50,682
Flour and meal.....	1,243	39,458	118,940	30,722	85,680	410,468	24,771
Prepared animal feeds.....	2,689	55,347	143,301	40,266	93,579	394,236	15,401
Cereal preparations.....	64	11,276	30,689	9,496	25,160	130,188	7,458
Rice cleaning and polishing.....	88	4,072	9,999	3,267	6,700	43,432	2,346
Blended and prepared flour.....	122	3,064	8,807	2,312	5,110	23,368	706
Bakery products.....	7,123	279,368	765,202	187,581	429,487	1,365,809	209,375
Bread and other bakery products.....	6,797	233,310	655,979	150,055	351,126	1,100,836	180,202
Biscuit, crackers, and pretzels.....	320	46,058	109,223	37,526	78,361	264,973	29,173
Sugar.....	181	35,423	91,291	30,749	75,529	233,869	28,760
Raw cane sugar.....	82	4,635	8,550	4,022	6,507	17,709	4,217
Cane-sugar refining.....	25	17,376	47,172	15,093	38,974	98,112	14,133
Beet sugar.....	74	13,412	35,569	11,634	29,958	118,048	10,410
Confectionery and related products.....	1,754	91,710	214,558	78,063	155,666	587,065	58,831
Confectionery products.....	1,686	75,165	167,886	64,883	123,046	413,852	49,740
Chocolate and cocoa products.....	31	9,605	27,480	7,708	19,174	98,276	6,464
Chewing gum.....	37	6,940	19,192	5,472	13,446	74,937	2,327
Beverages.....	6,755	202,574	598,654	138,515	375,921	1,850,914	67,777
Bottled soft drinks.....	5,618	79,397	194,305	41,214	83,291	420,711	21,265
Malt liquors.....	446	82,534	292,405	63,668	210,228	808,946	36,088
Malt.....	53	2,524	9,550	2,069	6,806	53,885	1,459
Wines and brandy.....	418	7,697	21,896	5,824	13,681	95,015	2,337
Distilled liquors, except brandy.....	226	30,422	80,498	25,740	61,825	472,357	6,928
Miscellaneous food preparations.....	6,691	150,794	382,025	107,697	239,727	1,193,082	54,509
Leavening compounds.....	48	3,066	8,944	2,364	6,804	46,494	2,334
Shortening and cooking oils.....	100	8,003	24,550	5,931	16,298	162,146	4,913
Oleomargarine.....	27	2,567	8,337	1,806	5,279	43,750	984
Corn products.....	55	12,324	41,115	10,158	32,688	127,143	6,764
Flavorings.....	606	11,726	37,149	7,242	17,720	158,333	3,589
Vinegar and cider.....	118	987	2,094	828	1,579	3,503	1,059
Manufactured ice.....	3,432	46,462	103,038	29,048	63,026	226,584	15,912
Macaroni and spaghetti.....	226	8,043	18,763	6,628	13,134	42,049	6,013
Liquid, frozen, and dried eggs.....	154	9,800	16,570	8,700	13,284	32,209	1,388
Food preparations, n. e. c.....	1,925	47,816	121,465	34,992	69,915	350,871	11,553
Tobacco manufactures	1,086	111,782	205,838	103,289	175,318	641,356	87,525
Cigarettes.....	28	27,674	63,204	25,553	54,986	368,417	27,426
Cigars.....	822	47,068	76,344	44,512	68,402	143,145	50,897
Chewing and smoking tobacco.....	73	11,139	22,676	9,725	17,016	57,571	9,202
Tobacco stemming and redrying.....	163	26,901	43,614	23,499	34,314	72,223	

For footnotes, see p. 771.

No. 927.—MANUFACTURES—GENERAL STATISTICS, BY INDUSTRY: 1947 AND 1939—
Continued

INDUSTRY	1947					Number of production workers (average for the year), 1939	
	Number of establishments	All employees ¹		Production workers			Value added by manufacture (\$1,000) ²
		Number (average for the year)	Salaries and wages, total (\$1,000)	Number (average for the year)	Wages, total (\$1,000)		
Textile mill products	8,185	1,233,431	2,836,166	1,147,194	2,449,312	5,340,876	1,081,710
Woolen and worsted manufactures.....	828	180,054	457,055	166,947	394,655	803,592	149,976
Scouring and combing plants.....	74	8,726	26,475	7,912	21,202	54,166	6,731
Yarn mills, wool, except carpet.....	200	33,178	75,380	31,463	66,443	127,808	22,764
Woolen and worsted fabrics.....	495	132,348	338,928	122,432	293,962	599,534	116,660
Finishing wool textiles.....	59	5,802	16,272	5,140	13,048	22,084	3,821
Yarn and thread mills, except wool	658	123,599	241,717	117,356	215,171	447,110	105,508
Yarn throwing mills.....	122	14,866	28,401	13,800	24,323	45,970	25,740
Thread mills.....	89	14,652	33,240	13,126	26,930	67,372	14,382
Yarn mills, cotton system.....	404	92,280	176,152	88,839	160,767	326,839	62,511
Yarn mills, silk system.....	43	1,801	3,924	1,591	3,151	6,929	2,875
Cotton and rayon broad woven fabrics	1,109	455,009	996,604	433,534	904,862	2,050,384	398,487
Cotton broad woven fabrics.....	602	357,361	764,532	342,380	699,871	1,562,336	318,892
Rayon and related broad woven fabrics.....	507	97,648	232,072	91,174	204,991	488,048	79,595
Narrow fabric mills.....	479	27,662	63,861	24,917	51,604	108,201	24,591
Knitting mills	3,126	230,527	492,718	212,962	414,036	854,596	236,628
Full-fashioned hosiery mills.....	738	70,034	178,062	65,148	156,320	319,369	97,200
Seamless hosiery mills.....	617	64,808	105,626	61,343	91,858	163,805	61,852
Knit outerwear mills.....	1,201	34,760	80,988	30,596	59,876	145,743	23,437
Knit underwear mills.....	172	40,579	80,520	37,546	67,990	134,399	37,478
Knit glove mills.....	46	5,212	9,222	4,955	8,203	14,730	5,574
Knit fabric mills.....	308	14,158	36,087	12,502	28,051	72,272	9,548
Knitting mills, n. e. c.....	44	976	2,213	872	1,738	4,278	1,539
Finishing textiles, except wool	641	77,985	218,933	69,035	176,094	359,270	60,237
Carpets and rugs.....	296	57,211	157,917	50,883	131,340	331,314	38,892
Wool carpets, rugs, and carpet yarn.....	95	40,096	111,558	35,560	92,656	217,046	28,727
Carpets and rugs, n. e. c.....	182	7,055	14,378	6,444	11,556	30,986	3,137
Hard-surface floor coverings.....	19	10,060	31,981	8,879	27,128	83,282	7,028
Hats (except cloth and millinery)	271	21,428	55,159	18,864	43,362	92,040	23,639
Fur-felt hats and hat bodies.....	136	13,034	36,433	11,495	28,554	61,474	14,515
Wool-felt hats and hat bodies.....	49	4,467	9,394	3,967	7,564	13,938	4,572
Straw hats.....	40	2,438	5,387	2,057	4,113	8,610	2,659
Hatters' fur.....	40	1,489	3,945	1,345	3,131	8,018	1,893
Miscellaneous textile goods	777	59,956	152,202	52,696	118,188	294,369	43,752
Felt goods, n. e. c.....	46	4,737	14,177	4,167	11,109	24,881	3,346
Lace goods.....	96	8,580	21,346	7,856	17,745	44,872	7,254
Paddings and upholstery filling.....	138	8,243	21,296	7,878	17,018	44,444	4,505
Processed textile waste.....	179	5,805	12,894	5,149	9,822	22,612	4,844
Coated fabrics, except rubberized	110	8,698	27,596	6,948	19,219	51,209	5,895
Jute (exc. felt), and linen goods.....	35	5,290	12,140	4,815	9,942	21,318	5,321
Cordage and twine.....	143	15,950	36,228	14,122	28,490	71,999	12,587
Textile goods, n. e. c.....	25	2,653	6,525	2,261	4,843	13,034	(3)
Apparel and related products	30,960	1,081,844	2,527,499	972,897	2,015,220	4,443,373	752,829
Men's and boys' suits and coats.....	1,969	150,369	404,799	136,136	337,972	674,243	119,599
Men's and boys' suits and coats.....	1,816	146,768	396,244	132,866	331,151	658,358	116,852
Suit and coat findings.....	153	3,601	8,555	3,270	6,821	15,885	2,747
Men's and boys' furnishings	4,026	253,436	456,321	234,476	374,850	803,911	196,258
Men's dress shirts and nightwear.....	1,065	94,308	163,945	88,172	137,653	292,714	70,453
Men's and boys' underwear.....	103	7,269	11,330	6,929	9,847	20,348	6,543
Men's and boys' neckwear.....	413	10,744	25,367	9,246	18,485	50,708	9,603
Men's and boys' cloth hats and caps.....	313	5,541	12,379	5,063	10,455	20,685	3,383
Hat and cap materials	70	1,111	3,002	943	2,100	5,620	796
Separate trousers.....	976	48,300	93,639	44,939	77,370	163,731	31,327
Work shirts.....	85	12,061	16,609	11,169	13,858	33,212	13,449
Men's and boys' clothing, n. e. c.....	1,001	74,102	130,050	68,015	105,082	216,893	60,704

For footnotes, see p. 771.

No. 927.—MANUFACTURES—GENERAL STATISTICS, BY INDUSTRY: 1947 AND 1939—
Continued

INDUSTRY	1947						Number of production workers (average for the year), 1939
	Number of establishments	All employees ¹		Production workers		Value added by manufacture (\$1,000) ²	
		Number (average for the year)	Salaries and wages, total (\$1,000)	Number (average for the year)	Wages, total (\$1,000)		
Apparel, etc.—Con.							
Women's and misses' outerwear.....	10,085	313,402	846,340	279,029	671,342	1,427,891	208,895
Blouses and waists.....	1,361	32,757	67,473	29,946	54,166	123,640	9,673
Dresses, unit price.....	4,202	133,294	370,854	118,276	204,847	609,576	103,738
Dresses, dozen price.....	917	48,692	90,494	43,867	68,658	163,052	38,794
Women's suits and coats.....	2,477	74,306	261,425	65,397	211,245	438,145	41,032
Women's skirts.....	493	8,312	21,270	7,434	16,841	38,484	4,421
Women's neckwear and scarfs.....	166	2,754	6,963	2,181	3,829	16,860	1,931
Women's outerwear, n. e. c.....	469	13,287	27,861	11,928	21,756	48,144	9,306
Women's and children's undergarments.....	2,051	94,558	197,898	83,895	145,208	387,974	58,624
Women's and children's underwear.....	1,516	57,306	114,543	51,997	86,181	227,236	39,859
Corsets and allied garments.....	535	37,252	83,355	31,898	59,027	160,738	18,765
Millinery.....	932	20,893	59,489	18,076	46,812	100,723	24,017
Children's outerwear.....	1,687	48,136	101,162	43,358	79,351	178,265	25,289
Children's dresses.....	604	22,435	43,416	20,347	33,975	76,469	15,133
Children's coats.....	506	12,427	33,229	10,990	25,899	58,365	3,501
Children's outerwear, n. e. c.....	517	13,274	24,517	12,021	19,477	43,431	6,655
Fur goods.....	2,220	16,100	68,571	13,745	57,636	122,821	13,111
Misc. apparel and accessories.....	1,727	57,229	119,519	50,972	91,548	215,019	38,222
Fabric and combination dress gloves.....	130	5,136	8,378	4,769	6,998	13,256	3,852
Fabric and combination work gloves.....	144	10,981	17,979	10,421	15,963	35,005	8,901
Suspenders and garters.....	64	1,685	3,641	1,408	2,417	6,774	2,558
Robes and dressing gowns.....	376	10,884	23,353	9,803	17,630	42,563	5,774
Waterproof outer garments.....	247	8,283	19,501	7,339	14,991	31,975	2,412
Leather and sheep-lined clothing.....	126	4,335	10,678	3,816	8,041	18,798	4,672
Belts.....	396	9,162	22,016	7,573	15,889	38,037	4,222
Handkerchiefs.....	159	4,583	9,054	4,078	6,303	20,689	4,839
Apparel, n. e. c.....	85	2,180	4,859	1,765	3,316	7,922	992
Misc. fabricated textiles.....	6,254	127,631	273,400	113,210	210,501	532,526	68,814
Curtains and draperies.....	397	7,982	17,081	6,928	11,702	34,909	7,091
Housefurnishings, n. e. c.....	1,233	40,220	78,790	36,384	63,053	156,420	20,096
Textile bags.....	233	13,884	28,363	12,159	21,046	66,320	11,991
Canvas products.....	902	10,569	24,667	8,639	17,429	41,424	3,869
Tucking, pleating, and hemstitching.....	531	5,929	12,421	5,532	11,035	21,339	4,254
Trimmings and art goods.....	787	15,007	33,924	13,120	25,547	65,092	5,455
Schiffli-machine embroideries.....	546	5,678	15,054	5,080	11,681	31,733	3,750
Embroideries, except Schiffli-machine.....	787	9,836	20,234	9,308	17,627	34,521	4,797
Fabricated textile products, n. e. c.....	838	18,526	42,866	16,060	31,381	80,768	6,911
Lumber and products (except furniture)							
Lumber and timber basic products.....	26,231	635,708	1,337,612	596,118	1,179,981	2,497,192	422,947
Sawmills and planing mills, general.....	19,085	400,815	797,151	388,665	728,645	1,500,476	269,209
Veneer mills.....	19,223	382,902	753,878	366,119	691,094	1,491,932	252,036
Cooperage stock mills.....	156	10,461	20,441	9,722	17,248	36,868	7,784
Excelsior mills.....	250	12,291	20,253	11,739	17,984	27,191	8,464
Millwork and related products.....	56	1,161	2,579	1,085	2,319	4,495	925
Millwork plants.....	2,681	94,275	255,366	83,214	207,733	442,746	56,434
Plywood plants.....	2,312	57,599	156,073	50,288	125,014	256,399	41,532
Prefabricated wood products.....	162	26,499	71,026	24,448	61,977	146,087	13,154
Wooden containers.....	207	10,177	28,267	8,478	20,742	40,260	1,748
Fruit and vegetable baskets.....	1,516	69,104	139,553	64,727	121,257	233,453	57,602
Rattan and willow ware, n. e. c.....	141	9,105	18,398	8,781	12,093	19,330	9,093
Cigar boxes.....	53	1,073	2,101	983	1,776	3,573	1,377
Wooden boxes (except cigar boxes).....	42	1,875	3,135	1,747	2,650	4,655	3,101
Cooperage.....	1,025	47,828	98,833	44,606	85,757	174,545	36,838
	255	9,223	22,086	8,610	18,981	31,350	7,193

For footnotes, see p. 771.

NO. 927.—MANUFACTURES—GENERAL STATISTICS, BY INDUSTRY: 1947 AND 1939—
Continued

INDUSTRY	Number of establishments	1947					Number of production workers (average for the year), 1939
		All employees ¹		Production workers		Value added by manufacture (\$1,000) ²	
		Number (average for the year)	Salaries and wages, total (\$1,000)	Number (average for the year)	Wages, total (\$1,000)		
Lumber, etc.—Con.							
Miscellaneous wood products.....	2,349	65,514	145,542	59,512	122,346	260,517	39,702
Wood preserving.....	242	16,247	37,142	14,772	32,020	92,041	11,242
Lasts and related products.....	50	1,959	5,348	1,699	4,159	8,937	1,519
Mirror and picture frames.....	246	3,811	10,255	3,293	7,742	15,506	3,220
Wood products, n. e. c.....	1,811	43,497	92,797	39,748	78,425	144,033	23,721
Furniture and fixtures.....	7,687	322,384	824,061	282,780	653,915	1,377,908	189,382
Household furniture.....	4,880	228,946	559,025	204,020	450,772	933,467	143,100
Wood house furniture, except upholstered.....	2,251	132,709	306,371	120,661	254,595	492,738	83,923
Household furniture upholstered.....	1,391	44,755	114,861	39,786	92,908	192,430	32,226
Reed and rattan furniture.....	29	771	1,919	686	1,521	3,697	976
Metal house furniture, except upholstered.....	309	19,485	51,634	16,654	39,369	94,511	7,633
Mattresses and bedsprings.....	879	30,344	82,102	25,460	60,824	146,050	18,342
Household furniture, n. e. c.....	21	882	2,138	773	1,555	4,041	(³)
Office furniture.....	218	21,292	59,834	17,984	47,128	107,711	11,165
Wood office furniture.....	115	6,601	17,211	5,897	14,152	26,839	4,013
Metal office furniture.....	103	14,691	42,623	12,087	32,976	80,872	7,152
Public and professional furniture.....	195	14,410	41,151	11,916	30,500	65,098	8,715
Public building furniture.....	118	8,855	24,710	7,402	18,716	37,632	5,900
Professional furniture.....	77	5,555	16,441	4,514	11,784	27,466	2,815
Partitions and fixtures.....	1,134	27,678	88,632	23,783	69,953	136,843	14,911
Screens, shades, and blinds.....	1,058	25,973	64,237	21,541	46,606	116,396	11,491
Window and door screens.....	284	9,510	25,205	7,766	17,894	44,416	2,830
Window shades.....	126	6,760	18,668	5,495	13,264	34,844	3,261
Venetian blinds.....	648	9,703	20,364	8,280	15,448	37,136	5,400
Miscellaneous furniture and fixtures.....	202	4,085	11,182	3,536	8,956	18,393	(³)
Restaurant furniture.....	173	3,370	9,161	2,880	7,273	15,201	(³)
Furniture and fixtures, n. e. c.....	29	715	2,021	656	1,683	3,192	(³)
Paper and allied products.....	4,103	449,833	1,280,672	388,901	1,010,972	2,874,958	270,239
Pulp, paper, and paperboard.....	891	198,370	609,270	174,096	509,023	1,466,046	142,097
Pulp mills.....	226	50,290	148,125	45,412	127,452	415,938	26,870
Paper and board mills.....	665	148,080	461,145	128,684	381,571	1,050,108	115,227
Paper coating and glazing.....	182	18,133	56,832	15,194	43,190	126,840	7,450
Envelopes.....	164	13,797	39,191	11,543	27,656	68,253	8,689
Paper bags.....	193	22,265	53,860	19,558	42,318	119,265	11,081
Paperboard containers and boxes.....	1,652	119,131	316,136	102,861	236,020	670,127	69,167
Paperboard boxes.....	1,522	109,776	292,948	94,625	217,154	633,269	62,530
Fiber cans, tubes, drums, etc.....	130	9,355	23,188	8,236	18,866	36,858	6,637
Pulp goods and misc. paper products.....	1,021	78,137	205,383	65,649	152,765	424,427	31,755
Die-cut paper and board.....	205	8,488	23,200	7,032	17,039	46,955	4,354
Wallpaper.....	58	5,462	16,287	4,771	12,222	32,732	4,054
Pulp goods, pressed and molded.....	19	1,748	4,910	1,482	3,870	9,672	701
Converted paper products, n. e. c.....	739	62,439	160,986	52,364	119,634	335,068	22,646
Printing and publishing industries.....	28,986	715,450	2,277,263	438,135	1,318,285	4,269,416	324,371
Newspapers.....	8,339	234,375	743,854	118,116	372,752	1,398,724	96,731
Periodicals.....	2,166	68,823	235,508	19,846	64,314	664,632	15,411
Books.....	804	60,900	143,114	17,372	49,844	320,562	13,786
Books: publishing and printing.....	648	39,942	104,278	8,092	20,142	262,903	6,158
Book printing.....	156	10,958	38,836	9,280	29,702	57,659	7,628
Miscellaneous publishing.....	611	12,036	35,200	3,430	8,475	72,151	477
Commercial printing.....	11,932	193,415	598,702	155,987	453,516	977,686	112,389
Lithographing.....	1,413	52,240	192,178	41,247	126,872	313,462	26,948
Greeting cards.....	162	18,053	43,898	12,650	23,900	81,051	7,522

For footnotes, see p. 771.

No. 927.—MANUFACTURES—GENERAL STATISTICS, BY INDUSTRY: 1947 AND 1939—
Continued

INDUSTRY	1947					Value added by manu- facture (\$1,000) ²	Number of pro- duction workers (average for the year), 1939
	Number of estab- lish- ments	All employees ¹		Production workers			
		Number (average for the year)	Salaries and wages, total (\$1,000)	Number (average for the year)	Wages, total (\$1,000)		
Printing and publishing indus- tries—Continued.							
Bookbinding and related industries.....	1,342	42,561	107,466	36,437	84,632	177,144	25,891
Bookbinding.....	686	22,227	57,541	20,037	48,857	90,259	14,339
Blankbook making and paper ruling.....	305	8,768	21,028	7,039	14,654	36,622	5,120
Loose-leaf binders and devices.....	131	8,133	20,946	6,445	14,014	36,797	3,964
Miscellaneous bookbinding work.....	220	3,433	7,951	2,916	6,207	13,466	2,462
Printing trades service industries...	2,217	43,047	177,343	33,550	133,980	264,004	25,216
Typesetting.....	794	11,475	44,906	9,301	35,409	66,842	6,244
Engraving and plate printing.....	416	7,688	20,998	6,463	16,959	33,094	5,353
Photoengraving.....	770	16,711	80,003	12,234	57,962	116,131	9,207
Electrotyping and stereotyping.....	237	7,173	31,436	5,552	23,650	47,937	4,412
Chemicals and allied products...	10,073	632,319	1,910,463	466,458	1,242,628	5,365,201	275,669
Industrial inorganic chemicals.....	412	65,347	204,113	50,203	146,960	454,699	33,595
Alkalies and chlorine.....	32	19,853	63,822	15,017	45,494	113,868	10,516
Inorganic chemicals, n. e. c.....	380	45,494	140,291	35,186	101,466	340,831	23,079
Industrial organic chemicals.....	563	206,295	648,618	157,905	458,663	1,551,381	86,873
Cyclic (coal-tar) crudes.....	46	1,972	5,490	1,633	4,527	17,071	1,528
Plastics materials.....	125	29,337	93,410	22,212	64,306	200,341	7,491
Synthetic rubber.....	20	7,663	25,774	5,721	18,381	97,356	(3)
Synthetic fibers.....	38	71,882	199,910	57,857	150,380	447,877	48,332
Explosives.....	76	10,426	32,313	8,932	26,051	74,706	7,242
Organic chemicals, n. e. c.....	258	85,015	291,721	61,550	195,018	714,030	22,580
Drugs and medicines.....	1,355	81,803	236,912	54,725	133,324	748,570	24,212
Biological products.....	85	3,154	8,831	2,244	5,119	19,941	2,155
Botanical products.....	15	709	2,042	506	1,245	9,009	618
Medicinal chemicals.....	92	12,388	40,178	9,414	28,032	110,516	1,802
Pharmaceutical preparations.....	1,103	65,552	185,861	42,561	98,928	609,104	19,937
Soap and related products.....	1,392	44,962	149,753	29,729	82,042	608,079	19,509
Soap and glycerin.....	249	27,660	93,638	19,394	57,619	450,721	13,624
Cleaning and polishing prepara- tions.....	1,038	15,352	48,209	9,090	20,984	135,120	5,128
Sulfonated oils and assistants.....	105	1,950	7,906	1,245	3,439	20,238	757
Paints and allied products.....	1,456	67,807	224,840	45,822	124,936	573,237	27,660
Paints and varnishes.....	1,291	53,412	180,952	34,693	94,155	469,584	21,879
Inorganic color pigments.....	94	13,140	39,747	10,310	28,731	94,658	5,497
Whiting and fillers.....	71	1,255	4,141	810	2,050	8,995	284
Gum and wood chemicals.....	118	8,466	20,552	7,382	16,347	62,965	6,368
Hardwood distillation.....	27	1,872	4,140	1,618	3,313	7,490	1,770
Softwood distillation.....	32	4,674	11,815	4,071	9,955	46,064	2,353
Gum naval stores (steam dis- tilled).....	31	638	1,385	512	947	2,634	971
Natural tanning and dyeing ma- terials.....	28	1,382	3,212	1,181	2,432	6,777	1,274
Fertilizers.....	704	31,933	71,607	26,574	52,758	186,601	18,807
Fertilizers.....	187	20,371	48,000	17,373	37,309	126,856	11,028
Fertilizers (mixing only).....	517	11,562	23,607	9,201	15,449	59,745	7,779
Vegetable and animal oils.....	1,194	43,431	117,307	35,887	86,054	482,476	27,042
Cottonseed oil mills.....	315	14,398	31,419	12,136	22,560	104,603	15,191
Linseed oil mills.....	17	1,577	4,536	1,349	3,628	42,243	2,120
Soybean oil mills.....	133	6,460	18,773	5,076	13,489	105,291	1,481
Vegetable oil mills, n. e. c.....	84	5,036	13,356	4,292	9,873	77,509	860
Marine animal oils.....	59	1,947	5,046	1,792	4,341	15,033	1,631
Grease and tallow.....	556	12,472	38,969	10,066	28,722	118,830	5,201
Fatty acids.....	16	1,335	4,433	1,037	3,065	17,151	522
Animal oils, n. e. c.....	14	206	775	139	386	1,816	36

For footnotes, see p. 771.

No. 927.—MANUFACTURES—GENERAL STATISTICS, BY INDUSTRY: 1947 AND 1939—
Continued

INDUSTRY	1947						Number of production workers (average for the year), 1939
	Number of estab- lish- ments	All employees ¹		Production workers		Value added by manu- facture (\$1,000) ²	
		Number (average for the year)	Salaries and wages, total (\$1,000)	Number (average for the year)	Wages, total (\$1,000)		
Chemicals, etc.—Con.							
Miscellaneous chemical products.....	2,879	82,275	236,761	58,231	141,544	699,193	31,603
Printing ink.....	239	6,021	20,496	4,154	11,890	51,949	2,480
Essential oils.....	42	1,151	3,787	896	2,510	14,477	440
Toilet preparations.....	718	26,023	65,580	18,186	36,697	226,872	10,363
Glue and gelatin.....	72	5,372	17,133	4,317	12,472	45,346	3,039
Carbon black.....	59	3,184	10,017	2,834	8,456	44,962	1,574
Compressed and liquefied gases.....	371	8,983	25,241	6,139	16,996	66,833	3,960
Insecticides and fungicides.....	166	4,579	13,452	3,216	7,997	30,121	656
Salt.....	38	4,809	12,762	4,056	9,826	25,197	3,737
Chemical products, n. e. c.....	1,174	22,153	68,293	14,433	34,700	193,436	5,554
Petroleum and coal products...	1,387	212,003	739,345	169,610	556,365	2,015,307	107,695
Petroleum refining.....	437	145,806	535,781	113,847	396,236	1,494,474	72,982
Coke and byproducts.....	167	38,938	119,996	34,416	101,012	278,230	21,693
Beehive coke ovens.....	78	3,100	10,251	2,935	9,597	21,661	685
Byproduct coke ovens.....	89	35,838	109,745	31,481	91,415	256,569	21,008
Paving and roofing materials.....	437	10,263	58,048	15,779	44,001	155,655	10,624
Paving mixtures and blocks.....	263	2,684	8,268	1,960	5,486	22,803	2,487
Roofing felts and coatings.....	174	16,579	49,780	13,819	38,515	132,852	8,187
Misc. petroleum and coal products.....	346	7,996	25,520	5,568	15,116	86,948	2,396
Fuel briquets and packaged fuel.....	99	1,204	3,467	1,042	2,986	9,093	410
Lubricants, n. e. c.....	233	6,271	20,643	4,091	11,022	69,435	1,986
Petroleum and coal prod., n. e. c.....	14	521	1,410	435	1,108	8,420	(3)
Rubber products.....	875	259,092	783,464	214,533	614,762	1,302,863	120,740
Tires and inner tubes.....	57	115,657	390,841	93,916	311,276	650,165	54,115
Rubber footwear.....	26	28,125	72,666	23,952	58,462	121,040	14,861
Reclaimed rubber.....	15	2,070	6,849	1,855	5,826	9,604	1,072
Rubber industries, n. e. c.....	777	113,240	313,108	94,810	239,198	522,054	50,692
Leather and leather products.....	5,308	383,175	873,566	348,529	725,143	1,532,803	327,189
Leather tanning and finishing.....	561	53,205	156,540	48,627	130,586	403,783	47,252
Industrial leather belting.....	183	5,032	13,441	4,015	9,667	28,375	2,337
Footwear cut stock.....	606	22,077	47,793	19,706	38,468	87,301	18,845
Footwear (except rubber).....	1,500	240,315	516,879	220,654	438,894	785,543	218,010
Footwear, except rubber.....	1,288	229,303	494,319	210,634	420,510	745,995	207,767
House slippers.....	212	11,012	22,560	10,020	18,384	39,548	10,243
Leather gloves and mittens.....	341	11,544	20,710	10,464	17,040	31,911	9,539
Leather dress gloves.....	252	8,968	15,844	8,151	13,141	24,042	7,690
Leather work gloves.....	89	2,576	4,866	2,313	3,899	7,869	1,849
Luggage.....	592	16,066	41,293	13,904	31,141	68,078	8,326
Handbags and small leather goods.....	980	25,907	57,011	23,246	44,122	96,076	17,663
Handbags and purses.....	734	20,301	45,409	18,404	35,992	76,586	14,048
Small leather goods.....	246	5,606	11,602	4,842	8,130	19,490	3,615
Miscellaneous leather goods.....	545	9,029	19,899	7,913	15,225	31,736	5,217
Saddlery, harness, and whips.....	140	2,861	6,294	2,501	5,021	9,437	2,755
Leather goods, n. e. c.....	405	6,168	13,605	5,412	10,204	22,299	2,462
Stone, clay, and glass products.....	11,650	462,072	1,210,768	405,755	994,884	2,306,480	267,094
Flat glass.....	84	27,241	84,067	24,325	73,252	173,754	16,739
Pressed and blown glassware.....	213	89,302	230,287	79,417	193,954	421,518	53,083
Glass containers.....	87	47,132	126,503	41,943	107,101	252,069	25,753
Pressed and blown glassware, n. e. c.....	126	42,170	103,784	37,474	86,853	169,449	27,330
Products of purchased glass.....	1,054	22,357	56,644	19,298	43,739	118,107	10,012
Cement, hydraulic.....	155	35,662	98,626	30,639	79,861	247,936	20,249
Structural clay products.....	1,110	69,273	169,179	62,689	144,040	280,392	56,745
Brick and hollow tile.....	674	29,617	69,399	27,002	59,876	110,867	29,069
Floor and wall tile.....	37	6,828	16,335	6,250	13,774	31,238	5,681
Sewer pipe.....	69	9,105	22,421	8,310	19,552	38,362	6,406
Clay refractories.....	169	17,978	47,074	15,950	38,684	76,054	12,211
Structural clay products, n. e. c.....	161	5,745	13,950	5,177	12,154	23,871	3,378

For footnotes, see p. 771.

NO. 927.—MANUFACTURES—GENERAL STATISTICS, BY INDUSTRY: 1947 AND 1939—
Continued

INDUSTRY	1947					Number of production workers (average for the year), 1939	
	Number of establishments	All employees ¹		Production workers			Value added by manufacture (\$1,000) ²
		Number (average for the year)	Salaries and wages, total (\$1,000)	Number (average for the year)	Wages, total (\$1,000)		
Stone, clay, etc.—Continued							
Pottery and related products.....	742	58,006	146,962	53,376	126,677	224,792	33,105
Vitreous plumbing fixtures.....	33	7,831	24,615	6,996	21,187	45,677	4,534
Vitreous-china food utensils.....	27	11,100	26,849	10,326	23,530	35,228	4,350
Earthenware food utensils.....	76	16,747	42,091	15,742	37,175	54,837	11,728
Porcelain electrical supplies.....	50	11,547	30,463	10,447	25,454	52,832	6,018
China decorating for the trade.....	65	1,048	2,471	875	1,679	5,143	421
Pottery products, n. e. c.....	491	9,733	20,473	8,990	17,652	31,075	6,054
Concrete and plaster products.....							
Concrete products.....	6,158	46,821	106,484	41,537	88,471	202,789	15,455
Gypsum products.....	73	7,472	21,384	6,543	17,911	67,879	4,936
Lime.....	172	7,009	18,767	6,129	15,516	39,253	6,708
Mineral wool.....	91	8,874	22,924	7,363	18,134	36,840	1,848
Cut-stone and stone products.....	640	9,880	25,922	8,312	20,605	45,940	11,841
Misc. nonmetallic mineral products.....							
Abasive products.....	263	20,754	66,158	15,854	45,031	126,559	7,734
Asbestos products.....	111	21,463	60,119	18,140	47,429	112,571	10,415
Gaskets and asbestos insulations.....	191	12,960	36,047	10,743	27,038	65,303	5,907
Graphite: ground or blended.....	12	853	2,799	618	1,625	4,945	56
Minerals: ground or treated.....	206	7,955	21,328	6,729	16,798	51,058	5,173
Sand-lime products.....	26	303	746	250	591	1,186	346
Nonclay refractories.....	63	10,273	27,783	8,951	22,963	58,022	4,542
Statuary and art goods.....	272	2,025	4,268	1,829	3,534	7,391	983
Nonmetallic mineral products, n. e. c.....	74	3,589	10,274	3,003	7,715	20,145	1,217
Primary metal industries.....							
Blast furnaces and steel mills.....	320	547,364	1,735,111	478,960	1,454,985	2,659,250	301,215
Steel furnaces.....	86	36,937	112,018	32,697	93,598	328,060	19,537
Steel works and rolling mills.....	215	500,799	1,593,808	438,088	1,337,938	2,275,697	368,904
Electrometallurgical products.....	19	9,628	29,285	8,175	23,449	55,493	2,774
Iron and steel foundries.....							
Gray-iron foundries.....	1,654	173,776	512,177	157,361	441,657	732,647	75,680
Malleable-iron foundries.....	78	29,862	90,811	26,659	76,750	121,061	18,041
Steel foundries.....	204	63,668	190,497	55,252	153,709	267,214	30,088
Primary nonferrous metals.....							
Primary copper.....	27	14,629	44,790	13,065	38,967	134,658	
Primary lead.....	16	4,663	14,082	4,022	11,610	35,902	24,828
Primary zinc.....	20	12,424	35,476	11,088	30,475	77,068	
Primary aluminum.....	11	8,919	26,398	7,336	20,930	65,262	2,802
Primary nonferrous metals, n. e. c.....	14	2,169	6,280	1,885	5,309	12,753	
Secondary nonferrous metals.....	322	18,402	56,576	14,750	39,046	119,667	8,109
Nonferrous metal rolling and drawing.....							
Copper rolling and drawing.....	78	53,867	166,076	45,924	133,969	302,592	33,597
Aluminum rolling and drawing.....	29	27,365	73,665	22,786	57,544	150,697	9,926
Nonferrous metal rolling, n. e. c.....	55	7,592	24,376	6,085	18,144	50,074	2,786
Nonferrous foundries.....	1,724	65,342	198,988	57,469	163,706	295,834	23,362
Misc. primary metal industries.....							
Iron and steel forgings.....	260	36,724	128,198	32,384	105,776	197,111	14,764
Wire drawing.....	134	55,079	175,682	45,644	136,797	314,788	21,969
Welded and heavy-riveted pipe.....	50	13,144	43,115	11,306	34,348	89,614	8,370
Primary metal industries, n. e. c.....	377	22,135	72,250	18,078	52,785	138,642	6,901
Fabricated metal products.....							
Tin cans and other tinware.....	217	46,890	127,338	40,890	105,689	231,953	29,277
Cutlery, hand tools, and hardware.....	1,866	154,168	432,726	131,604	339,163	728,426	75,175
Cutlery.....	195	20,248	54,142	17,579	42,530	104,833	10,252
Edge tools.....	238	8,828	24,681	7,632	19,486	40,472	4,889
Hand tools, n. e. c.....	579	35,668	103,191	30,138	79,061	174,540	14,722
Files.....	37	4,446	11,213	4,084	9,714	19,149	3,205
Hand saws and saw blades.....	89	8,441	25,000	7,380	20,872	42,975	4,072
Hardware, n. e. c.....	728	76,537	213,899	64,791	167,500	346,457	38,035

For footnotes, see p. 771.

No. 927.—MANUFACTURES—GENERAL STATISTICS, BY INDUSTRY: 1947 AND 1939—
Continued

INDUSTRY	1947						Number of production workers (average for the year), 1939
	Number of establishments	All employees ¹		Production workers		Value added by manufacture (\$1,000) ²	
		Number (average for the year)	Salaries and wages, total (\$1,000)	Number (average for the year)	Wages, total (\$1,000)		
Fabricated metal products—							
Continued							
Heating and plumbing equipment	1, 276	150, 882	439, 102	126, 725	339, 029	789, 524	78, 330
Metal plumbing fixtures and fittings	277	34, 089	96, 371	30, 107	80, 144	155, 944	22, 889
Oil burners	151	6, 318	19, 889	4, 646	12, 760	44, 388	1, 552
Heating and cooking apparatus, n. e. c.	848	110, 475	322, 842	91, 972	246, 125	589, 192	53, 889
Structural metal products	4, 507	212, 379	661, 099	172, 690	486, 737	1, 143, 553	83, 429
Structural and ornamental products	1, 667	79, 678	249, 034	64, 278	180, 105	440, 701	36, 776
Metal doors, sash, and trim	320	21, 079	66, 038	17, 350	49, 238	117, 642	7, 387
Boiler shop products	812	68, 979	213, 364	55, 937	157, 464	358, 764	20, 517
Sheet-metal work	1, 708	42, 643	132, 663	35, 116	99, 930	226, 446	18, 749
Metal stamping and coating	4, 437	182, 983	521, 331	159, 926	414, 874	861, 173	80, 649
Vitreous-enameled products	49	12, 240	28, 070	11, 061	22, 917	45, 116	10, 809
Metal stampings	1, 981	132, 011	388, 038	113, 976	304, 120	642, 483	57, 182
Enameling and lacquering	261	4, 025	10, 188	3, 653	8, 653	16, 038	1, 821
Galvanizing	125	3, 056	8, 636	2, 711	6, 548	15, 296	1, 212
Engraving on metal	219	3, 428	10, 054	2, 929	8, 176	16, 252	1, 419
Plating and polishing	1, 802	28, 223	76, 345	25, 596	64, 460	125, 388	8, 206
Lighting fixtures	1, 206	47, 596	132, 858	39, 833	97, 351	247, 619	20, 477
Fabricated wire products	977	60, 647	171, 204	52, 543	136, 195	282, 147	32, 001
Nails and spikes	68	3, 805	9, 876	3, 278	7, 738	15, 721	2, 515
Wirework, n. e. c.	909	56, 842	161, 418	49, 265	128, 457	266, 426	30, 386
Misc. fabricated metal products	2, 248	115, 916	347, 087	98, 253	269, 543	637, 081	50, 849
Metal barrels, drums, and pails	70	10, 915	31, 331	9, 329	24, 918	64, 119	6, 072
Safes and vaults	26	3, 754	10, 117	3, 004	7, 437	19, 434	1, 236
Steel springs	81	7, 760	24, 938	6, 747	20, 233	45, 876	2, 940
Bolts, nuts, washers, and rivets	364	49, 235	151, 514	40, 908	115, 790	285, 451	20, 722
Screw-machine products	1, 207	28, 492	86, 850	24, 740	68, 949	143, 853	10, 571
Collapsible tubes	19	3, 866	9, 415	3, 475	7, 205	16, 942	1, 933
Metal foil	43	4, 261	11, 732	3, 673	9, 252	21, 439	2, 278
Fabricated metal products, n. e. c.	438	7, 633	21, 190	6, 377	15, 759	39, 967	5, 097
Machinery (except electrical)	17, 905	1, 545, 323	4, 804, 563	1, 244, 135	3, 592, 771	7, 812, 455	536, 082
Engines and turbines	151	93, 064	298, 789	71, 826	218, 538	408, 099	18, 846
Steam engines and turbines	17	21, 640	71, 972	15, 375	49, 584	80, 947	4, 094
Internal-combustion engines	134	71, 424	226, 817	56, 451	168, 954	327, 152	14, 752
Tractors and farm machinery	1, 102	171, 435	494, 625	139, 620	381, 574	753, 762	60, 144
Tractors	94	77, 317	227, 767	62, 926	177, 966	332, 062	30, 898
Farm machinery (exc. tractors)	1, 008	94, 118	266, 858	76, 703	203, 608	421, 700	29, 246
Construction and mining machinery	747	113, 871	355, 367	88, 905	255, 047	641, 397	36, 750
Construction and mining machinery	517	84, 694	263, 835	66, 196	189, 964	470, 132	24, 108
Oil-field machinery and tools	230	29, 177	91, 532	22, 709	65, 083	171, 265	12, 642
Metalworking machinery	4, 293	214, 543	728, 840	172, 982	541, 586	1, 131, 182	80, 954
Machine tools	316	70, 657	235, 938	54, 892	166, 206	347, 965	36, 997
Metalworking machinery, n. e. c.	428	54, 988	182, 068	43, 568	132, 810	302, 842	18, 123
Cutting tools, jigs, fixtures, etc.	3, 549	88, 898	310, 834	74, 522	242, 570	480, 375	25, 834
Special-industry machinery, n. e. c.	4, 106	215, 967	685, 776	173, 592	512, 363	1, 095, 558	77, 246
Food-products machinery	622	36, 830	113, 506	28, 826	82, 062	191, 214	14, 155
Textile machinery	489	53, 583	158, 446	45, 393	126, 142	256, 436	22, 580
Woodworking machinery	294	15, 642	48, 707	12, 623	35, 332	86, 360	3, 649
Paper-industries machinery	149	17, 088	57, 749	13, 398	41, 523	81, 358	5, 570
Printing-trades machinery	326	24, 752	84, 333	19, 684	62, 616	131, 625	9, 564
Special-industry machinery, n. e. c.	2, 226	68, 063	223, 035	53, 768	164, 688	348, 565	21, 728

For footnotes, see p. 771.

No. 927.—MANUFACTURES—GENERAL STATISTICS, BY INDUSTRY: 1947 AND 1939—
Continued

INDUSTRY	1947						Number of production workers (average for the year), 1939
	Number of estab- lish- ments	All employees ¹		Production workers		Value added by manu- facture (\$1,000) ²	
		Number (average for the year)	Salaries and wages, total (\$1,000)	Number (average for the year)	Wages, total (\$1,000)		
Machinery, etc.—Continued							
General industrial machinery.....	2,191	217,402	690,443	164,249	472,472	1,189,229	72,799
Pumps and compressors.....	447	54,726	167,498	40,358	115,404	282,476	20,063
Elevators and escalators.....	111	10,227	33,998	7,317	22,890	68,614	3,591
Conveyors.....	253	24,573	84,084	18,073	55,024	143,515	5,733
Blowers and fans.....	192	14,794	44,202	11,087	30,329	84,429	4,069
Industrial trucks and tractors.....	197	13,974	42,038	10,652	29,660	81,759	3,652
Power-transmission equipment.....	416	54,316	173,596	43,975	124,941	283,647	18,203
Industrial furnaces and ovens.....	108	6,341	21,719	4,045	11,872	38,990	1,283
Mechanical stokers.....	46	4,111	12,371	3,118	8,886	22,212	3,756
General industrial machinery, n. e. c.....	421	34,335	110,937	25,624	73,466	183,557	12,449
Office and store machines.....	357	97,778	303,123	84,340	247,458	503,854	42,989
Computing and related machines.....	53	46,375	154,716	40,467	129,361	231,207	16,517
Typewriters.....	28	26,604	73,377	23,838	63,709	121,385	16,195
Scales and balances.....	75	6,526	18,849	4,874	12,847	34,766	2,839
Office and store machines, n. e. c.....	201	18,273	56,181	15,161	41,541	116,496	7,438
Service and household machines.....	1,088	220,286	659,982	180,771	504,203	1,105,798	67,906
Domestic laundry equipment.....	65	28,403	85,596	23,651	65,596	161,791	7,466
Laundry and dry-cleaning ma- chinery.....	127	9,093	27,435	6,888	19,015	54,347	2,783
Sewing machines.....	70	15,305	48,484	12,647	37,926	68,681	7,840
Vacuum cleaners.....	34	14,880	44,797	12,232	35,266	91,047	3,886
Refrigeration machinery.....	561	129,290	380,216	108,316	299,175	597,486	39,433
Measuring and dispensing pumps.....	52	12,083	36,972	8,884	24,174	66,223	5,054
Service and household machines, n. e. c.....	179	11,232	36,482	8,153	23,051	66,223	1,444
Miscellaneous machinery parts.....	3,871	200,977	587,618	167,841	459,530	983,576	78,448
Valves and fittings, exc. plumbers'.....	453	80,075	238,951	65,855	184,638	393,860	32,159
Fabricated pipe and fittings.....	212	10,538	33,362	8,273	23,172	58,786	2,792
Ball and roller bearings.....	94	52,174	153,333	45,075	125,711	259,060	19,164
Machine shops.....	3,112	58,160	161,972	48,638	126,009	271,870	24,333
Electrical machinery.....	3,973	801,359	2,271,039	639,147	1,647,401	3,894,115	247,930
Electrical industrial apparatus.....	1,567	321,352	940,861	253,575	683,452	1,616,398	95,179
Wiring devices and supplies.....	342	38,367	102,322	32,452	77,451	213,506	14,024
Carbon and graphite products.....	44	7,818	22,028	6,426	16,504	40,218	3,189
Elec. measuring instruments.....	154	20,926	60,661	16,086	42,326	103,946	6,976
Motors and generators.....	256	127,012	374,135	101,852	282,252	569,745	44,423
Transformers.....	144	36,635	107,978	28,190	78,525	195,102	9,260
Electrical control apparatus.....	324	72,330	215,974	54,589	148,360	395,175	14,747
Electrical welding apparatus.....	108	7,265	20,151	5,139	17,709	57,310	1,653
Elec. industrial apparatus, n. e. c.....	195	10,999	28,612	8,871	20,325	41,306	907
Electrical appliances.....	326	44,371	124,957	37,271	96,654	236,241	13,572
Insulated wire and cable.....	171	21,282	58,044	18,185	45,375	103,722	15,696
Engine electrical equipment.....	110	43,020	125,393	37,978	102,144	196,351	17,043
Electric lamps.....	62	23,842	57,914	21,560	48,891	120,344	9,622
Communication equipment.....	1,210	303,391	847,247	234,706	581,158	1,374,117	74,992
Radios and related products.....	857	178,595	462,207	142,478	324,300	773,233	45,484
Electronic tubes.....	51	27,703	65,420	22,571	46,704	94,040	11,256
Phonograph records.....	111	10,045	29,193	8,246	22,840	75,660	926
Telephone and telegraph equip- ment.....	90	76,072	258,567	53,630	167,488	384,417	14,433
Communication equipment, n. e. c.....	101	10,976	31,860	7,781	19,826	46,767	2,893
Miscellaneous electrical products.....	527	43,201	116,623	35,882	89,727	246,042	21,826
Storage batteries.....	246	16,570	48,379	13,632	38,257	114,246	9,564
Primary batteries (dry and wet).....	38	10,261	24,463	9,181	20,656	45,275	5,470
X-ray and therapeutic apparatus.....	116	7,678	23,217	5,621	15,354	38,635	1,920
Electrical products, n. e. c.....	127	8,692	20,564	7,448	15,460	48,786	4,872

For footnotes, see p. 771.

No. 927.—MANUFACTURES—GENERAL STATISTICS, BY INDUSTRY: 1947 AND 1939—
Continued

INDUSTRY	Number of establishments	1947				Value added by manufacture (\$1,000) ²	Number of production workers (average for the year), 1939
		All employees ¹		Production workers			
		Number (average for the year)	Salaries and wages, total (\$1,000)	Number (average for the year)	Wages, total (\$1,000)		
Transportation equipment.....	3,711	1,181,680	3,719,583	987,142	2,939,815	5,869,196	544,553
Motor vehicles and equipment.....	1,904	701,121	2,207,456	599,301	1,797,805	3,819,076	393,617
Motor vehicles and parts.....	963	653,169	2,007,473	558,693	1,687,685	3,677,404	388,126
Truck and bus bodies.....	603	26,046	78,386	22,876	62,664	127,429	
Truck trailers.....	119	12,020	34,833	9,400	25,256	65,257	3,960
Automobile trailers.....	219	9,286	26,764	8,332	22,200	48,986	1,531
Aircraft and parts.....	332	219,611	703,702	162,596	476,297	954,575	48,761
Aircraft.....	58	146,625	462,906	110,332	316,795	605,983	34,159
Aircraft engines.....	57	50,253	165,554	35,872	110,177	251,158	9,445
Aircraft propellers.....	13	7,423	25,666	4,822	15,230	26,685	
Aircraft equipment, n. e. c.....	204	15,310	49,576	11,570	34,095	70,749	5,157
Ships and boats.....	1,110	149,655	467,585	132,033	394,371	586,558	69,241
Ship building and repairing.....	301	130,200	415,828	114,718	350,836	517,504	69,241
Boat building and repairing.....	809	19,455	51,757	17,315	43,535	69,054	
Railroad equipment.....	122	91,116	283,552	75,691	224,867	415,607	24,709
Locomotives and parts.....	36	30,337	97,608	25,368	78,131	142,477	6,998
Railroad and street cars.....	86	60,779	185,944	50,323	146,736	273,130	17,711
Motorcycles and bicycles.....	76	15,615	45,661	13,659	37,732	72,838	6,973
Transportation equipment, n. e. c.....	167	4,562	11,627	3,862	8,743	20,542	1,252
Instruments and related products.....	2,599	231,997	665,347	181,939	467,785	1,080,336	84,867
Scientific instruments.....	216	20,384	61,719	15,023	41,831	83,010	6,529
Mechanical measuring instruments.....	463	53,237	155,589	40,937	109,196	245,144	15,075
Optical instruments and lenses.....	114	6,458	18,664	5,228	14,025	26,743	2,209
Medical instruments and supplies.....	980	38,369	107,837	29,617	71,281	184,665	14,624
Surgical and medical instruments.....	139	6,980	20,297	5,818	15,281	30,214	1,911
Surgical appliances and supplies.....	628	22,315	61,915	16,667	38,696	111,526	8,468
Dental equipment and supplies.....	213	9,074	25,625	7,132	17,304	42,925	4,245
Ophthalmic goods.....	184	22,457	56,811	19,744	46,224	81,530	10,252
Photographic equipment.....	366	50,911	154,416	36,273	101,765	264,784	16,434
Watches and clocks.....	276	40,181	110,311	35,117	83,463	194,460	19,744
Watches and clocks.....	194	34,623	93,331	30,237	70,372	169,474	17,335
Watchcases.....	82	5,558	16,980	4,880	13,091	24,986	2,409
Miscellaneous manufactures.....	14,131	464,420	1,205,508	397,579	920,508	2,090,168	241,725
Jewelry and silverware.....	2,031	54,827	167,433	45,880	126,947	302,859	27,604
Jewelry (precious metal).....	1,344	25,566	76,462	20,610	54,222	140,478	11,358
Jewelers' findings.....	182	6,056	17,350	5,203	12,389	29,714	2,813
Lapidary work.....	270	1,699	5,624	1,525	4,632	10,860	267
Silverware and plated ware.....	235	21,506	68,007	18,542	55,804	121,807	13,166
Musical instruments and parts.....	260	16,889	46,808	14,814	38,198	71,356	10,806
Pianos.....	27	6,978	20,573	6,170	16,948	31,097	5,311
Organs.....	64	4,546	11,764	4,059	9,832	18,137	2,304
Piano and organ parts.....	169	5,365	14,471	4,585	11,418	22,122	3,191
Musical instruments, n. e. c.....							
Toys and sporting goods.....	2,198	75,493	173,833	67,228	138,350	294,727	36,803
Games and toys, n. e. c.....	837	27,140	60,554	24,174	47,403	105,414	13,778
Dolls.....	377	9,797	21,847	8,886	17,739	37,577	4,890
Children's vehicles.....	120	8,783	24,735	7,773	19,423	44,204	4,319
Sporting and athletic goods.....	864	29,773	66,697	26,995	58,785	107,532	13,816
Office supplies.....	787	31,557	82,074	24,734	55,553	163,160	12,591
Pens and mechanical pencils.....	184	15,553	40,606	12,527	28,207	89,897	4,463
Lead pencils and crayons.....	50	6,279	14,726	5,190	10,409	23,633	3,779
Hand stamps and stencils.....	426	4,684	12,900	3,462	8,729	20,047	2,211
Artists' materials.....	60	1,360	3,220	997	1,944	5,968	397
Carbon paper and inked ribbons.....	67	3,681	10,622	2,558	6,264	23,615	1,741
Costume jewelry and notions.....	2,034	65,878	153,561	57,593	118,562	262,685	40,989
Costume jewelry.....	859	25,371	59,487	22,266	45,979	107,224	12,228
Artificial flowers.....	445	7,130	13,448	6,569	10,713	23,813	6,650
Buttons.....	453	10,418	21,835	9,417	17,542	34,356	10,972
Needles, pins, and fasteners.....	277	22,959	58,791	19,341	44,328	97,292	11,139
Plastics products, n. e. c.....	1,860	60,092	159,024	51,512	123,583	289,594	15,094

For footnotes, see p. 771.

No. 927.—MANUFACTURES—GENERAL STATISTICS, BY INDUSTRY: 1947 AND 1939—
Continued

INDUSTRY	1947						Number of production workers (average for the year), 1939
	Number of establishments	All employees ¹		Production workers		Value added by manufacture (\$1,000) ²	
		Number (average for the year)	Salaries and wages, total (\$1,000)	Number (average for the year)	Wages, total (\$1,000)		
Miscellaneous manufactures—Continued							
Miscellaneous manufactures.....	5,461	159,684	422,775	135,818	319,315	705,787	97,838
Brooms and brushes.....	706	18,551	44,875	15,543	31,162	87,288	11,678
Cork products.....	36	2,485	6,802	2,150	5,427	11,657	2,923
Matches.....	29	7,350	16,422	6,612	13,406	31,302	5,426
Candles.....	54	2,405	5,596	1,933	3,704	8,911	840
Fireworks and pyrotechnics.....	73	3,251	6,694	2,982	5,706	8,626	1,158
Jewelry and instrument cases.....	165	7,383	16,446	6,681	13,280	26,460	4,099
Lamp shades.....	291	4,488	8,473	4,100	7,043	14,668	2,671
Morticians' goods.....	568	22,375	60,002	18,242	42,388	92,395	12,447
Beauty and barber shop equipment.....	70	4,065	11,884	3,185	7,698	17,840	1,779
Furs, dressed and dyed.....	175	6,848	25,540	6,147	21,673	42,954	4,956
Signs and advertising displays.....	1,983	28,879	82,045	24,328	62,026	130,454	17,206
Hair work.....	87	1,170	2,436	1,046	2,040	4,380	322
Umbrellas, parasols, and canes.....	164	3,585	8,360	3,267	6,490	15,421	2,862
Tobacco pipes.....	76	3,140	8,810	2,745	6,302	13,738	2,481
Soda-fountain and bar equipment, Models and patterns (except paper).....	67	2,739	8,488	2,231	6,524	16,254	1,590
Small arms.....	209	1,868	5,144	1,691	4,325	8,573	1,206
Small arms ammunition.....	34	10,453	30,545	9,249	25,876	42,314	5,001
Miscellaneous products, n. e. c.....	8	8,050	22,091	6,748	17,297	40,840	4,264
	666	20,599	52,122	16,938	36,948	91,712	14,929

¹ Includes all full-time and part-time production and related workers, force-account construction workers, clerical and routine office workers, administrative, supervisory, sales, technical, and all other personnel on the pay rolls of manufacturing establishments. Excludes employees of central administrative offices operated by concerns having 2 or more manufacturing establishments. Wages and salaries represent the gross earnings of employees including commissions, dismissal pay, nonproduction bonuses, vacation and sick leave pay, and compensation in kind, and prior to such deductions as employees' social security contributions, withholding taxes, group insurance, union dues, and savings bonds.

² Value of products less cost of materials, supplies, fuel, electricity, and contract work.

³ There were no establishments classified in this industry in 1939.

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports.

**NO. 928.—MANUFACTURES—VALUE OF PRODUCTS SHIPPED AND COST OF MATERIALS,
BY INDUSTRY: 1947**

[In thousands of dollars. This table supplements table 927. Cost of materials and value of products were not compiled for industry groups because of the duplication which arises in the combination of individual industries representing successive stages in the production of finished manufactures. For this reason figures are given in this table only for those individual industries in which little or no duplication arises. Value added by manufacture figures shown in table 927 were usually calculated by subtracting cost of materials, etc., from value of products shipped. For a limited number of industries, however, information was requested on quantity of production, as well as on quantity and value of shipments of product items. For most of these industries, value added for the larger establishments (50 or more employees) was calculated by multiplying the quantity of each item produced by a unit value derived from the shipments data, adding these values to obtain a total value of production, and subtracting therefrom the cost of materials. Consequently, for such industries, value added by manufacture in table 927 does not equal the value of products shipped, less cost of materials, etc., as given in this table]

INDUSTRY	Value of products shipped	Cost of materials, fuel, electricity, and contract work	INDUSTRY	Value of products shipped	Cost of materials, fuel, electricity, and contract work
Meat products:			Woolen and worsted manufactures:		
Meat packing, wholesale.....	(1)	(1)	Scouring and combing plants.....	203,255	149,089
Prepared meats.....	(1)	(1)	Yarn mills, wool, except carpet.....	336,956	209,148
Poultry dressing, wholesale.....	481,929	413,769	Woolen and worsted fabrics.....	1,355,209	755,675
Dairy products:			Finishing wool textiles.....	28,889	6,805
Creamery butter.....	844,713	737,465	Yarn and thread mills, except wool:		
Natural cheese.....	457,935	394,678	Yarn throwing mills.....	64,173	18,203
Concentrated milk.....	737,607	588,836	Thread mills.....	154,269	86,897
Ice cream and ices.....	611,755	383,706	Yarn mills, cotton system.....	769,403	442,564
Special dairy products.....	291,451	243,608	Yarn mills, silk system.....	12,494	5,565
Canning, preserving, and freezing:			Cotton and rayon broad-woven fabrics:		
Canned sea food.....	226,519	129,712	Cotton broad-woven fabrics.....	3,294,623	1,732,287
Cured fish.....	31,077	21,129	Rayon and related broad-woven fabrics.....	1,002,923	514,875
Canning and preserving, except fish.....	1,640,754	1,030,815	Narrow fabric mills:	210,908	102,250
Dehydrated fruits and veg.....	51,079	32,924	Knitting mills:		
Pickles and sauces.....	364,919	242,524	Full-fashioned hosiery mills.....	531,519	212,150
Frozen foods.....	155,076	95,699	Seamless-hosiery mills.....	326,760	162,955
Grain-mill products:			Knit outerwear mills.....	330,893	185,150
Flour and meal.....	2,511,543	2,101,075	Knit underwear mills.....	295,411	163,421
Prepared animal feeds.....	2,130,263	1,736,027	Knit glove mills.....	26,495	11,879
Cereal preparations.....	284,666	154,478	Knit-fabric mills.....	199,049	128,264
Rice cleaning and polishing.....	224,741	181,309	Knitting mills, n. e. c.....	10,587	6,309
Blended and prepared flour.....	75,523	52,155	Finishing textiles, except wool:	531,400	172,130
Bakery products:			Carpets and rugs:		
Bread and other bakery products.....	2,416,801	1,316,055	Wool carpets, rugs, and carpet yarn.....	(1)	(1)
Biscuits, crackers, and pretzels.....	540,222	275,249	Carpets and rugs, n. e. c.....	55,559	24,573
Sugar:			Hard-surface floor coverings.....	174,736	93,535
Raw cane sugar.....	60,135	41,595	Hats, except cloth and millinery:		
Cane-sugar refining.....	818,430	728,744	Fur-felt hats and hat bodies.....	131,123	60,649
Beet sugar.....	262,872	187,485	Wool-felt hats and hat bodies.....	26,368	12,430
Confectionery and related products:			Straw hats.....	18,250	9,640
Confectionery products.....	944,925	531,073	Hatters' fur.....	23,823	15,805
Chocolate and cocoa products.....	349,907	251,631	Miscellaneous textile goods:		
Chewing gum.....	148,286	73,349	Felt goods, n. e. c.....	59,764	34,883
Beverages:			Lace goods.....	68,663	26,099
Bottled soft drinks.....	748,196	327,485	Paddings and upholstery filling.....	109,555	65,111
Malt liquors.....	1,317,854	508,908	Processed textile waste.....	57,255	34,643
Malt.....	256,230	202,995	Coated fabrics, except rubberized.....	157,114	105,905
Wines and brandy.....	(1)	(1)	Jute (except felt) and linengoods.....	48,853	28,275
Distilled liquors, except brandy.....	870,235	397,878	Cordage and twine.....	167,648	103,153
Miscellaneous food preparations:			Textile goods, n. e. c.....	19,374	6,340
Leavening compounds.....	72,295	25,801	Men's and boys' suits and coats:		
Shortening and cooking oils.....	884,713	737,405	Men's and boys' suits and coats.....	1,411,575	753,217
Oleomargarine.....	214,598	169,749	Suit and coat findings.....	38,407	22,522
Corn products.....	450,978	332,835	Men's and boys' furnishings:		
Flavorings.....	313,573	155,240	Men's dress shirts and nightwear.....	731,568	438,854
Vinegar and cider.....	8,579	5,076	Men's and boys' underwear.....	49,753	29,406
Manufactured ice.....	273,415	46,831	Men's and boys' neckwear.....	113,688	62,980
Macaroni and spaghetti.....	112,094	70,045	Men's and boys' cloth hats and caps.....	37,535	16,850
Liquid, frozen, and dried eggs.....	253,413	221,204	Hat and cap materials.....	12,329	6,709
Food preparations, n. e. c.....	1,312,466	961,595			
Tobacco manufactures:					
Cigarettes.....	1,131,891	763,474			
Cigars.....	311,401	168,256			
Chewing and smoking tobacco.....	140,142	82,571			
Tobacco stemming and redrying.....	957,807	885,584			

For footnotes, see p. 776.

No. 928.—MANUFACTURES—VALUE OF PRODUCTS SHIPPED AND COST OF MATERIALS,
BY INDUSTRY: 1947—Continued

[In thousands of dollars]

INDUSTRY	Value of products shipped	Cost of materials, fuel, electricity and contract work	INDUSTRY	Value of products shipped	Cost of materials, fuel, electricity and contract work
Men's and boys' furnishings—Continued			Miscellaneous wood products:		
Separate trousers.....	343, 184	179, 453	Wood preserving.....	303, 957	211, 916
Work shirts.....	95, 378	62, 166	Lasts and related products.....	13, 129	4, 192
Men's and boys' clothing, n. e. c.....	551, 037	334, 144	Mirror and picture frames.....	25, 555	10, 049
Women's and misses' outerwear:			Wood products, n. e. c.....	276, 875	132, 842
Blouses and waists.....	276, 284	152, 644	Household furniture:		
Dresses, unit price.....	1, 353, 068	743, 492	Wood house furniture, except upholstered.....	905, 326	412, 588
Dresses, dozen price.....	350, 454	197, 402	Household furniture, upholstered.....	381, 053	188, 623
Women's suits and coats.....	1, 003, 755	565, 610	Reed and rattan furniture.....	6, 393	2, 696
Women's skirts.....	85, 911	47, 427	Metal house furniture, except upholstered.....	190, 215	95, 704
Women's neckwear and scarfs.....	51, 061	34, 211	Mattresses and bedsprings.....	331, 079	185, 029
Women's outerwear, n. e. c.....	100, 870	52, 426	Household furniture, n. e. c.....	7, 637	3, 596
Women's and children's undergarments:			Office furniture:		
Women's and children's underwear.....	573, 484	346, 544	Wood office furniture.....	48, 518	21, 679
Corsets and allied garments.....	284, 098	123, 360	Metal office furniture.....	128, 394	47, 522
Millinery.....	177, 495	76, 772	Public and professional furniture:		
Children's outerwear:			Public building furniture.....	65, 376	27, 744
Children's dresses.....	174, 863	98, 394	Professional furniture.....	44, 601	17, 135
Children's coats.....	135, 210	76, 845	Partitions and fixtures.....	244, 418	107, 575
Children's outerwear, n. e. c.....	92, 745	49, 314	Screens, shades, and blinds:		
Fur goods.....	357, 013	234, 466	Window and door screens.....	91, 126	46, 710
Miscellaneous apparel and accessories:			Window shades.....	81, 472	46, 628
Fabric and combination dress gloves.....	28, 388	15, 805	Venetian blinds.....	83, 753	46, 617
Fabric and combination work gloves.....	74, 605	41, 778	Miscellaneous furniture and fixtures:		
Suspenders and garters.....	14, 563	7, 789	Restaurant furniture.....	26, 233	11, 032
Robes and dressing gowns.....	103, 024	90, 461	Furniture and fixtures, n. e. c.....	5, 382	2, 190
Waterproof outer garments.....	77, 020	45, 045	Pulp, paper, and paperboard:		
Leather and sheep-lined clothing.....	40, 904	22, 106	Pulp mills.....	939, 604	523, 666
Belts.....	68, 982	30, 945	Paper and board mills.....	2, 812, 048	1, 761, 940
Handkerchiefs.....	53, 106	32, 417	Paper coating and glazing.....	352, 337	225, 497
Apparel, n. e. c.....	13, 286	5, 364	Envelopes.....	128, 346	60, 093
Miscellaneous fabricated textiles:			Paper bags.....	320, 458	201, 193
Curtains and draperies.....	109, 640	74, 731	Paperboard containers and boxes:		
Housefurnishings, n. e. c.....	504, 065	347, 645	Paperboard boxes.....	1, 475, 438	842, 109
Textile bags.....	356, 245	289, 925	Fiber cans, tubes, drums, etc.....	74, 812	37, 964
Canvas products.....	90, 844	49, 420	Pulp goods and miscellaneous paper products:		
Tucking, pleating, and hemstitching.....	25, 237	3, 898	Die-cut paper and board.....	89, 196	42, 241
Trimnings and art goods.....	129, 982	64, 890	Wallpaper.....	58, 895	26, 163
Schiffli-machine embroideries.....	55, 514	23, 781	Pulp goods, pressed and molded.....	16, 191	6, 519
Embroideries, except schiffli-machine.....	44, 392	9, 871	Converted paper products, n. e. c.....	784, 160	449, 092
Fabricated textile products, n. e. c.....	193, 466	112, 698	Newspapers.....	1, 917, 302	518, 578
Lumber and timber basic products:			Periodicals.....	1, 085, 616	420, 984
Sawmills and planing mills, general.....	2, 526, 927	1, 034, 995	Books: publishing and printing.....	463, 851	200, 948
Veneer mills.....	67, 423	30, 565	Book printing.....	86, 723	29, 064
Cooperage stock mills.....	55, 132	27, 941	Miscellaneous publishing.....	103, 343	31, 192
Excelsior mills.....	7, 508	3, 013	Commercial printing.....	1, 521, 655	543, 969
Millwork and related products:			Lithographing.....	487, 634	174, 172
Millwork plants.....	526, 494	270, 095	Greeting cards.....	123, 856	42, 805
Plywood plants.....	264, 453	118, 366	Bookbinding and related industries:		
Prefabricated wood products.....	106, 880	66, 620	Bookbinding.....	115, 963	25, 704
Wooden containers:			Blankbook making and paper ruling.....	60, 324	23, 702
Fruit and vegetable baskets.....	30, 584	11, 254	Loose-leaf binders and devices.....	58, 001	21, 204
Rattan and willow ware, n. e. c.....	7, 243	3, 670	Misc. bookbinding work.....	17, 185	3, 719
Cigar boxes.....	8, 102	3, 447	Printing trades service industries:		
Wooden boxes (except cigar boxes).....	365, 290	190, 745	Typesetting.....	75, 703	8, 861
Cooperage.....	106, 379	75, 029	Engraving and plate printing.....	45, 811	12, 217
			Photoengraving.....	133, 640	17, 409
			Electrotyping and stereotyping.....	58, 984	11, 047

For footnotes, see p. 776.

No. 928.—MANUFACTURES—VALUE OF PRODUCTS SHIPPED AND COST OF MATERIALS,
BY INDUSTRY: 1947—Continued

[In thousands of dollars]

INDUSTRY	Value of products shipped	Cost of materials, fuel, electricity, and contract work	INDUSTRY	Value of products shipped	Cost of materials, fuel, electricity, and contract work
Industrial inorganic chemicals:			Rubber products:		
Alkalies and chlorine.....	208,560	94,692	Tires and inner tubes.....	1,547,040	944,215
Inorganic chemicals, n. e. c.....	672,645	331,814	Rubber footwear.....	198,691	80,607
Industrial organic chemicals:			Reclaimed rubber.....	17,263	8,049
Cyclic (coal-tar) crudes.....	60,639	43,568	Rubber industries, n. e. c.....	953,453	441,234
Plastics materials.....	483,461	283,120	Leather and leather products:		
Synthetic rubber.....	235,200	137,844	Leather tanning and finishing.....	1,070,085	666,302
Synthetic fibers.....	705,271	262,615	Industrial leather belting.....	57,403	29,028
Explosives.....	136,356	61,650	Footwear cut stock.....	294,309	206,500
Organic chemicals, n. e. c.....	1,445,210	731,180	Footwear, except rubber.....	1,716,980	970,985
Drugs and medicines:			House slippers.....	77,017	37,469
Biological products.....	38,752	18,811	Leather dress gloves.....	47,808	22,521
Botanical products.....	16,935	7,388	Leather work gloves.....	15,530	7,937
Medicinal chemicals.....	201,761	91,245	Luggage.....	134,173	66,095
Pharmaceutical preparations.....	941,713	332,609	Handbags and purses.....	161,819	85,333
Soap and related products:			Small leather goods.....	37,649	18,159
Soap and glycerin.....	1,085,789	640,424	Saddlery, harness, and whips.....	20,459	11,022
Cleaning and polishing preparations.....	261,565	126,854	Leather goods, n. e. c.....	41,017	15,718
Sulfonated oils and assistants.....	51,506	31,268	Flat glass.....	242,805	68,818
Paints and allied products:			Pressed and blown glassware:		
Paints and varnishes.....	1,248,841	779,257	Glass containers.....	422,614	191,961
Inorganic color pigments.....	269,970	175,312	Pressed and blown glassware, n. e. c.....	234,795	60,863
Whiting and fillers.....	18,791	9,706	Products of purchased glass.....	199,828	81,300
Gum and wood chemicals:			Cement, hydraulic.....	408,928	160,992
Hardwood distillation.....	13,725	6,235	Structural clay products:		
Softwood distillation.....	72,999	26,935	Brick and hollow tile.....	144,497	37,640
Gum naval stores (steam distilled).....	38,508	36,397	Floor and wall tile.....	40,966	10,684
Natural tanning and dyeing materials.....	18,344	11,567	Sewer pipe.....	47,854	11,702
Fertilizers:			Clay refractories.....	109,369	35,296
Fertilizers.....	311,657	197,049	Structural clay prod., n. e. c.....	28,814	6,757
Fertilizers (mixing only).....	192,848	136,271	Pottery and related products:		
Vegetable and animal oils:			Vitreous plumbing fixtures.....	68,093	22,416
Cottonseed-oil mills.....	518,091	413,488	Vitreous-china food utensils.....	43,196	7,968
Linseed-oil mills.....	192,173	149,030	Earthenware food utensils.....	72,054	17,217
Soybean-oil mills.....	585,709	480,418	Porcelain electrical supplies.....	71,484	18,652
Vegetable-oil mills, n. e. c.....	334,231	256,722	China decorating for the trade.....	8,377	3,234
Marine animal oils.....	31,265	16,232	Pottery products, n. e. c.....	39,927	8,852
Grease and tallow.....	304,535	187,521	Concrete and plaster products:		
Fatty acids.....	68,094	50,943	Concrete products.....	329,734	126,945
Animal oils, n. e. c.....	11,675	9,859	Gypsum products.....	127,543	59,664
Miscellaneous chemical products:			Lime.....	72,842	33,589
Printing ink.....	115,708	63,759	Mineral wool.....	73,131	36,291
Essential oils.....	35,739	21,262	Cut-stone and stone products.....	67,253	21,313
Toilet preparations.....	371,892	145,020	Miscellaneous nonmetallic mineral products:		
Glue and gelatin.....	90,262	54,327	Abrasive products.....	223,386	97,391
Carbon black.....	73,592	28,345	Asbestos products.....	204,686	97,660
Compressed and liquefied gases.....	93,489	26,656	Gaskets and asbestos insulations.....	118,244	52,919
Insecticides and fungicides.....	73,068	42,947	Graphite: ground or blended.....	8,996	4,051
Salt.....	46,056	20,859	Minerals: ground or treated.....	81,502	30,444
Chemical products, n. e. c.....	393,242	199,806	Sand-lime products.....	1,730	544
Petroleum refining.....	6,623,708	5,129,234	Nonclay refractories.....	90,337	35,774
Coke and byproducts:			Statuary and art goods.....	9,998	2,607
Beehive coke ovens.....	70,237	48,576	Nonmetallic mineral products, n. e. c.....	40,616	20,471
Byproduct coke ovens.....	970,634	714,065	Blast furnaces and steel mills:		
Paving and roofing materials:			Blast furnaces.....	1,713,945	1,385,885
Paving mixtures and blocks.....	50,187	27,384	Steel works and rolling mills.....	(1)	(1)
Roofing felts and coatings.....	338,477	205,625	Electrometallurgical products.....	150,904	95,411
Miscellaneous petroleum and coal products:			Iron and steel foundries:		
Fuel briquettes and packaged fuel.....	32,862	23,769	Gray-iron foundries.....	1,172,671	440,024
Lubricants, n. e. c.....	175,001	105,566	Malleable-iron foundries.....	184,400	62,739
Petroleum and coal products, n. e. c.....	15,161	6,741	Steel foundries.....	413,094	145,880

For footnotes, see p. 776.

No. 928.—MANUFACTURES—VALUE OF PRODUCTS SHIPPED AND COST OF MATERIALS,
BY INDUSTRY: 1947—Continued

[In thousands of dollars]

INDUSTRY	Value of products shipped	Cost of materials, fuel, electricity and contract work	INDUSTRY	Value of products shipped	Cost of materials, fuel, electricity and contract work
Primary nonferrous metals:			Steam engines and turbines.....	129,921	48,974
Primary copper.....	(1)	(1)	Internal-combustion engines.....	683,537	356,385
Primary lead.....	(1)	(1)	Tractors.....	890,841	558,779
Primary zinc.....	190,996	113,928	Farm machinery, exc. tractors.....	888,638	466,938
Primary aluminum.....	161,010	95,748	Construction and mining machinery.....	926,712	456,580
Primary nonferrous metals, n. e. c.....	22,182	9,429	Oil-field machinery and tools.....	288,853	117,588
Secondary nonferrous metals.....	724,027	604,360	Metalworking machinery:		
Nonferrous metal rolling and drawing:			Machine tools.....	501,882	153,917
Copper rolling and drawing.....	1,063,658	761,066	Metalworking machinery, n. e. c.....	520,182	217,340
Aluminum rolling and drawing.....	404,766	254,069	Cutting tools, jigs, fixtures, etc.....	623,827	143,452
Nonferrous metal rolling, n. e. c.....	193,090	143,016	Special-industry machinery, n. e. c.: Food-products machinery.....	326,416	135,202
Nonferrous foundries.....	562,137	266,303	Textile machinery.....	408,385	146,949
Miscellaneous primary metal industries:			Woodworking machinery.....	145,326	58,966
Iron and steel forgings.....	370,097	172,986	Paper-industries machinery.....	151,085	69,727
Wire drawing.....	912,095	597,307	Printing-trades machinery.....	198,763	67,138
Welded and heavy-riveted pipe.....	218,875	129,261	Special-industry machinery, n. e. c.....	550,999	202,434
Primary metal industries, n. e. c.....	339,663	201,021	General industrial machinery:		
Tin cans and other tinware.....	679,860	447,907	Pumps and compressors.....	552,507	270,031
Cutlery, hand tools, and hardware:			Elevators and escalators.....	101,815	33,201
Cutlery.....	142,571	37,738	Conveyors.....	248,407	104,892
Edge tools.....	62,438	21,966	Blowers and fans.....	140,716	56,287
Hand tools, n. e. c.....	272,543	98,003	Industrial trucks and tractors.....	162,603	80,814
Files.....	24,493	5,344	Power-transmission equipment.....	431,751	148,104
Hand saws and saw blades.....	70,430	27,455	Industrial furnaces and ovens.....	75,354	36,364
Hardware, n. e. c.....	578,269	231,812	Mechanical stokers.....	38,834	16,622
Heating and plumbing equipment:			General industrial machinery, n. e. c.....	315,352	131,795
Metal plumbing fixtures.....	291,907	135,963	Office and store machines:		
Oil burners.....	106,781	62,393	Computing and related machines.....	293,469	62,262
Heating and cooking apparatus, n. e. c.....	1,134,085	544,893	Typewriters.....	153,924	32,539
Structural metal products:			Scales and balances.....	54,542	19,776
Structural and ornamental products.....	864,435	423,734	Office and store machines, n. e. c.....	175,800	59,304
Metal doors, sash, and trim.....	206,088	88,446	Service and household machines:		
Boiler shop products.....	704,547	345,783	Domestic laundry equipment.....	442,297	280,539
Sheet-metal work.....	424,305	197,859	Laundry and dry-cleaning machines.....	94,361	40,626
Metal stamping and coating:			Sewing machines.....	97,011	28,880
Vitreous-enameled products.....	74,382	29,266	Vacuum cleaners.....	160,184	74,994
Metal stampings.....	1,164,299	521,816	Refrigeration machinery.....	(1)	(1)
Enameling and lacquering.....	23,868	7,230	Measuring and dispensing pumps.....	125,052	60,439
Galvanizing.....	27,111	11,815	Service and household machines, n. e. c.....	130,894	65,791
Engraving on metal.....	20,543	4,291	Miscellaneous machinery parts:		
Plating and polishing.....	176,492	51,104	Valves and fittings, exc. plumbers'.....	637,463	243,603
Lighting fixtures.....	474,759	227,140	Fabricated pipe and fittings.....	115,976	57,190
Fabricated wire products:			Ball and roller bearings.....	365,584	106,523
Nails and spikes.....	30,038	14,317	Machine shops.....	410,264	138,394
Wirework, n. e. c.....	464,625	198,199	Electrical industrial apparatus:		
Miscellaneous fabricated metal products:			Wiring devices and supplies.....	378,099	164,503
Metal barrels, drums, and pails.....	173,060	108,941	Carbon and graphite products.....	68,745	28,527
Safes and vaults.....	29,216	9,782	Electrical measuring instruments.....	153,380	49,434
Steel springs.....	92,646	46,770	Motors and generators.....	1,007,186	437,680
Bolts, nuts, washers, and rivets.....	463,752	178,301	Transformers.....	356,968	162,085
Screw-machine products.....	220,542	76,689	Electrical control apparatus.....	628,283	233,108
Collapsible tubes.....	26,997	10,055	Electrical welding apparatus.....	103,712	46,402
Metal foil.....	54,038	33,199	Electrical industrial apparatus, n. e. c.....	74,821	33,515
Fabricated metal products, n. e. c.....	73,205	33,238	Electrical appliances.....	466,009	236,286
			Insulated wire and cable.....	301,116	197,394
			Engine electrical equipment.....	353,339	156,998
			Electric lamps.....	203,248	82,904

For footnotes, see p. 776.

**No. 928.—MANUFACTURES—VALUE OF PRODUCTS SHIPPED AND COST OF MATERIALS,
BY INDUSTRY: 1947—Continued**

[In thousands of dollars]

INDUSTRY	Value of products shipped	Cost of materials, fuel, electricity and contract work	INDUSTRY	Value of products shipped	Cost of materials, fuel, electricity and contract work
Communication equipment:			Instruments and related products—Continued		
Radios and related products.....	(1)	(1)	Watchcases.....	44,494	19,508
Electronic tubes.....	124,518	35,539	Miscellaneous manufactures:		
Phonograph records.....	110,184	38,951	Jewelry (precious metal).....	248,185	107,707
Telephone and telegraph equipment.....	689,182	304,765	Jewelers' findings.....	75,530	43,816
Communication equipment, n. e. c.....	69,592	22,825	Lapidary work.....	30,269	19,409
Miscellaneous electrical products:			Silverware and plated ware.....	219,131	97,324
Storage batteries.....	297,654	183,408	Pianos.....	55,086	24,585
Primary batteries (dry and wet).....	85,045	39,770	Organs.....	12,872	7,182
X-ray and therapeutic apparatus.....	59,518	20,473	Piano and organ parts.....	19,865	9,818
Electrical products, n. e. c.....	91,106	42,380	Musical instruments, n. e. c.....	31,866	9,244
Motor vehicles and equipment:			Games and toys, n. e. c.....	181,939	76,525
Motor vehicles and parts.....	(1)	(1)	Dolls.....	69,786	32,209
Truck and bus bodies.....	242,297	114,868	Children's vehicles.....	85,831	41,627
Truck trailers.....	150,853	85,596	Sporting and athletic goods.....	202,462	94,930
Automobile trailers.....	134,973	85,987	Pens and mechanical pencils.....	147,368	57,471
Aircraft and parts:			Lead pencils and crayons.....	45,037	21,404
Aircraft.....	(1)	(1)	Hand stamps and stencils.....	28,058	8,011
Aircraft engines.....	463,403	212,245	Artists' materials.....	13,298	7,330
Aircraft propellers.....	(1)	(1)	Carbon paper and inked ribbons.....	48,636	25,021
Aircraft equipment, n. e. c.....	105,547	35,798	Costume jewelry.....	170,294	63,070
Ships and boats:			Artificial flowers.....	39,463	15,650
Shipbuilding and repairing.....	798,944	281,440	Buttons.....	58,916	24,660
Boat building and repairing.....	117,901	48,937	Needles, pins, and fasteners.....	147,221	49,929
Railroad equipment:			Plastics products, n. e. c.....	503,049	213,455
Locomotives and parts.....	354,706	212,229	Brooms and brushes.....	179,811	92,523
Railroad and street cars.....	725,847	452,717	Cork products.....	30,077	18,420
Motorcycles and bicycles.....	163,670	90,832	Matches.....	56,657	25,355
Transportation equipment, n. e. c.....	46,790	26,248	Candles.....	17,906	8,995
Instruments and related products:			Fireworks and pyrotechnics.....	15,219	6,593
Scientific instruments.....	126,703	43,693	Jewelry and instrument cases.....	45,112	18,652
Mechanical measuring instruments.....	376,473	131,329	Lamp shades.....	27,490	12,331
Optical instruments and lenses.....	36,081	9,338	Morticians' goods.....	188,829	96,434
Surgical and medical instruments.....	45,121	14,907	Beauty and barber-shop equipment.....	32,144	14,304
Surgical appliances and supplies.....	251,398	139,870	Furs, dressed and dyed.....	52,701	9,747
Dental equipment and supplies.....	71,102	28,177	Signs and advertising displays.....	206,356	75,902
Ophthalmic goods.....	120,314	38,784	Hair work.....	8,151	3,771
Photographic equipment.....	440,134	175,350	Umbrellas, parasols, and canes.....	34,343	13,927
Watches and clocks.....	341,199	171,725	Tobacco pipes.....	19,325	5,587
			Soda-fountain and bar equipment.....	31,504	15,250
			Models and patterns (except paper).....	12,101	3,528
			Small arms.....	57,067	13,596
			Small-arms ammunition.....	77,660	36,820
			Miscellaneous products, n. e. c.....	182,943	91,231

¹ Data not compiled for these items because they contain a substantial amount of duplication arising because certain plants classified in this industry make products which are used as materials by other plants also classified in the industry.

² Includes data for shingle mills.

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports.

No. 929.—MANUFACTURES—SELECTED STATISTICS FOR GEOGRAPHIC DIVISIONS, BY
MAJOR INDUSTRY GROUPS: 1947 AND 1950

[Money figures in thousands of dollars. See table 925 for United States figures. 1950 figures based on sample and subject to sampling variation]

MAJOR INDUSTRY GROUP	NEW ENGLAND						
	1947		1950				
	Number of production workers (average)	Value added by manufacture ¹	All employees		Number of production workers (average)	Value added by manufacture ¹	Standard error (percent)
			Number (average)	Salaries and wages			
All industries, total.....	1,248,325	6,813,800	1,410,809	4,329,612	1,180,754	7,411,925	2
Food and kindred products.....	50,639	364,696	70,060	218,833	55,120	397,468	5
Tobacco manufactures.....	1,270	3,957	(3)	(3)	(3)	(3)	-----
Textile mill products.....	260,695	1,245,559	268,315	790,044	246,088	1,225,080	5
Apparel and related products.....	66,909	279,981	78,692	154,837	70,742	278,507	8
Lumber and products (exc. furniture) ⁴	31,300	115,905	39,823	87,139	35,997	130,842	9
Furniture and fixtures.....	15,069	74,619	22,385	62,198	19,705	86,685	9
Paper and allied products.....	60,020	397,013	68,154	225,724	57,056	425,410	2
Printing and publishing industries.....	36,127	281,179	55,106	186,914	37,034	294,601	8
Chemicals and allied products.....	20,123	216,910	28,428	100,920	19,723	259,358	7
Petroleum and coal products.....	2,985	33,818	(3) ^a	(3)	(3)	(3)	-----
Rubber products.....	37,502	222,783	42,277	134,569	34,804	251,250	3
Leather and leather products.....	98,770	453,639	111,029	280,746	100,686	434,911	5
Stone, clay, and glass products.....	17,508	108,475	20,431	67,764	17,245	128,693	7
Primary metal industries.....	52,924	288,198	57,027	211,360	49,131	410,515	4
Fabricated metal products.....	91,868	506,176	97,822	313,320	80,771	591,222	2
Machinery (except electrical).....	164,096	933,120	163,762	579,165	128,603	968,747	2
Electrical machinery.....	77,337	451,266	95,216	285,171	75,321	519,703	2
Transportation equipment.....	38,997	206,974	47,870	180,211	36,263	306,743	3
Instruments and related products.....	31,335	165,832	30,704	98,092	24,882	179,756	3
Miscellaneous manufactures.....	92,311	463,700	103,258	308,900	87,995	534,027	4

MAJOR INDUSTRY GROUP	MIDDLE ATLANTIC						
	1947		1950				
	Number of production workers (average)	Value added by manufacture ¹	All employees		Number of production workers (average)	Value added by manufacture ¹	Standard error (percent)
			Number (average)	Salaries and wages			
All industries, total.....	3,245,879	20,790,626	3,867,587	12,788,455	3,119,727	23,497,760	1
Food and kindred products.....	214,717	1,918,175	293,546	920,385	210,335	2,146,473	3
Tobacco manufactures.....	25,180	103,666	23,065	46,331	21,670	110,404	3
Textile mill products.....	264,744	1,376,829	306,289	903,836	271,580	1,538,000	3
Apparel and related products.....	531,651	2,695,194	590,793	1,553,787	524,904	2,302,744	4
Lumber and products (exc. furniture) ⁴	33,886	142,924	43,843	111,619	38,920	163,176	15
Furniture and fixtures.....	55,643	298,219	71,682	225,959	59,955	362,883	7
Paper and allied products.....	104,737	733,898	123,549	405,923	103,188	814,081	3
Printing and publishing industries.....	138,372	1,576,511	247,119	1,017,830	142,625	1,750,403	2
Chemicals and allied products.....	141,507	1,655,359	187,542	724,586	130,032	2,053,796	2
Petroleum and coal products.....	43,054	515,591	53,625	217,905	43,088	536,510	2
Rubber products.....	33,855	210,499	33,733	120,419	27,456	227,281	4
Leather and leather products.....	109,971	469,152	114,780	288,359	103,600	441,632	6
Stone, clay, and glass products.....	122,245	691,541	138,667	455,414	117,827	932,987	3
Primary metal industries.....	330,947	1,804,246	353,823	1,287,176	304,458	2,301,570	1
Fabricated metal products.....	207,871	1,205,294	243,500	823,458	199,724	1,444,806	3
Machinery (except electrical).....	270,625	1,678,754	288,822	1,068,931	223,378	1,856,841	2
Electrical machinery.....	220,832	1,362,157	273,247	916,390	214,828	1,684,598	1
Transportation equipment.....	163,300	944,560	173,987	662,471	139,274	1,100,865	2
Instruments and related products.....	91,905	589,537	120,992	464,739	87,206	784,319	5
Miscellaneous manufactures.....	150,417	818,520	184,893	568,437	155,673	944,392	6

See footnotes at end of table.

No. 929.—MANUFACTURES—SELECTED STATISTICS FOR GEOGRAPHIC DIVISIONS, BY
MAJOR INDUSTRY GROUPS: 1947 AND 1950—Continued

[Money figures in thousands of dollars]

MAJOR INDUSTRY GROUP	EAST NORTH CENTRAL						
	1947		1950				
	Number of production workers (average)	Value added by manufacture ¹	All employees		Number of production workers (average)	Value added by manufacture ¹	Standard error (percent) ²
			Number (average)	Salaries and wages			
All industries, total.....	3,565,172	23,473,563	4,311,551	15,573,484	3,494,581	29,809,885	1
Food and kindred products.....	269,334	2,382,765	360,207	1,173,280	262,196	2,712,487	3
Tobacco manufactures.....	(5)	(5)	(5)	(5)	(5)	(5)	-----
Textile mill products.....	40,585	206,617	43,674	125,024	39,294	232,992	5
Apparel and related products.....	111,348	505,872	132,799	326,814	113,097	499,576	4
Lumber and products (exc. furniture) ⁴	57,371	260,060	75,564	202,302	66,929	345,155	5
Furniture and fixtures.....	97,312	510,622	115,087	376,134	98,776	634,957	3
Paper and allied products.....	106,049	776,060	129,390	467,799	109,293	947,911	2
Printing and publishing industries.....	128,160	1,169,861	212,023	841,273	134,161	1,382,039	7
Chemicals and allied products.....	102,867	1,356,796	142,652	552,181	96,196	1,699,705	2
Petroleum and coal products.....	39,607	431,152	47,963	200,550	38,355	550,666	4
Rubber products.....	102,937	588,746	110,458	405,608	90,112	738,955	2
Leather and leather products.....	67,937	318,894	68,550	189,199	60,642	289,213	2
Stone, clay, and glass products.....	115,869	688,262	137,926	460,816	119,823	923,213	3
Primary metal industries.....	418,142	2,416,939	469,974	1,807,996	409,300	3,360,884	1
Fabricated metal products.....	344,637	2,159,830	429,138	1,572,506	355,027	2,933,727	2
Machinery (except electrical).....	616,615	4,013,422	683,252	2,626,160	536,070	4,511,554	1
Electrical machinery.....	268,529	1,634,719	310,984	1,057,939	252,842	2,094,835	1
Transportation equipment.....	537,195	3,283,208	680,728	2,669,546	584,167	5,039,071	1
Instruments and related products.....	(5)	(5)	(5)	(5)	(5)	(5)	-----
Miscellaneous manufactures.....	93,770	499,884	108,448	341,302	88,552	599,125	4

MAJOR INDUSTRY GROUP	WEST NORTH CENTRAL						
	1947		1950				
	Number of production workers (average)	Value added by manufacture ¹	All employees		Number of production workers (average)	Value added by manufacture ¹	Standard error (percent) ²
			Number (average)	Salaries and wages			
All industries, total.....	635,940	4,119,409	804,171	2,516,958	634,156	5,132,948	2
Food and kindred products.....	161,701	1,204,953	214,025	650,763	157,111	1,397,001	3
Tobacco manufactures.....	(5)	(5)	(5)	(5)	(5)	(5)	-----
Textile mill products.....	7,494	28,279	8,287	22,781	7,171	42,136	20
Apparel and related products.....	48,267	187,519	52,210	119,620	46,074	185,965	5
Lumber and products (exc. furniture) ⁴	18,403	77,023	22,408	57,682	19,706	97,046	15
Furniture and fixtures.....	12,656	58,025	12,922	38,465	10,949	56,784	9
Paper and allied products.....	18,065	124,804	21,313	69,744	17,850	146,706	4
Printing and publishing industries.....	38,031	335,192	66,745	235,212	46,453	417,356	7
Chemicals and allied products.....	23,066	328,481	32,275	114,254	21,627	396,666	15
Petroleum and coal products.....	7,016	70,401	9,186	34,395	6,623	61,539	6
Rubber products.....	4,939	31,032	6,241	19,854	5,429	43,273	3
Leather and leather products.....	41,827	128,775	44,028	95,207	38,998	159,315	4
Stone, clay, and glass products.....	24,492	148,796	30,909	99,557	26,531	222,107	4
Primary metal industries.....	23,123	115,014	25,008	82,363	21,721	145,423	5
Fabricated metal products.....	37,100	232,093	46,115	160,111	36,690	282,307	5
Machinery (except electrical).....	70,539	422,902	83,423	280,429	66,372	529,427	3
Electrical machinery.....	33,134	191,232	26,808	86,218	21,047	148,927	4
Transportation equipment.....	37,461	261,527	63,783	238,493	52,043	552,925	1
Instruments and related products.....	(5)	(5)	(5)	(5)	(5)	(5)	-----
Miscellaneous manufactures.....	22,537	135,818	24,126	68,221	20,291	170,815	10

See footnotes at end of table.

No. 929.—MANUFACTURES—SELECTED STATISTICS FOR GEOGRAPHIC DIVISIONS, BY MAJOR INDUSTRY GROUPS: 1947 AND 1950—Continued

[Money figures in thousands of dollars]

MAJOR INDUSTRY GROUP	SOUTH ATLANTIC						
	1947		1950				
	Number of production workers (average)	Value added by manufacture ¹	All employees		Number of production workers (average)	Value added by manufacture ¹	Standard error (percent) ²
			Number (average)	Salaries and wages			
All industries, total.....	1,344,444	6,942,054	1,592,612	4,060,110	1,385,104	8,445,606	2
Food and kindred products.....	105,465	696,422	145,075	343,409	101,473	760,605	4
Tobacco manufactures.....	(³)	(³)	(³)	(³)	(³)	(³)	-----
Textile mill products.....	461,326	2,021,825	497,201	1,239,798	467,415	2,108,790	1
Apparel and related products.....	92,480	327,314	112,811	227,058	102,690	373,792	15
Lumber and products (exc. furniture) ⁴	133,453	353,376	187,205	294,306	176,632	529,564	6
Furniture and fixtures.....	51,282	206,806	58,016	134,596	52,445	235,873	4
Paper and allied products.....	39,883	312,438	49,672	158,220	42,275	425,346	1
Printing and publishing industries.....	29,108	262,272	49,589	164,128	20,998	274,450	7
Chemicals and allied products.....	85,165	779,083	106,536	343,713	82,419	1,126,040	2
Petroleum and coal products.....	4,947	47,900	6,541	21,961	5,277	38,701	15
Rubber products.....	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	-----
Leather and leather products.....	15,947	69,143	16,193	37,462	14,950	61,214	2
Stone, clay, and glass products.....	55,015	261,549	68,042	182,098	60,779	346,670	5
Primary metal industries.....	56,309	322,872	66,391	233,927	58,119	328,280	2
Fabricated metal products.....	38,529	207,287	45,868	137,288	37,183	257,988	4
Machinery (except electrical).....	25,356	134,846	27,895	89,220	21,676	143,059	5
Electrical machinery.....	15,537	94,869	18,564	61,925	13,556	118,216	4
Transportation equipment.....	54,570	286,812	52,453	187,380	43,122	420,131	3
Instruments and related products.....	2,338	9,585	(⁵)	(⁵)	(⁵)	(⁵)	-----
Miscellaneous manufactures.....	13,099	50,461	18,847	45,401	16,608	71,211	5

MAJOR INDUSTRY GROUP	EAST SOUTH CENTRAL						
	1947		1950				
	Number of production workers (average)	Value added by manufacture ¹	All employees		Number of production workers (average)	Value added by manufacture ¹	Standard error (percent) ²
			Number (average)	Salaries and wages			
All industries, total.....	558,191	2,875,428	636,932	1,617,111	555,370	3,444,908	2
Food and kindred products.....	50,564	510,352	66,214	173,842	47,722	488,527	4
Tobacco manufactures.....	(³)	(³)	(³)	(³)	(³)	(³)	-----
Textile mill products.....	92,239	368,078	94,824	224,858	89,576	379,674	3
Apparel and related products.....	47,865	132,696	58,896	106,622	55,459	154,899	6
Lumber and products (exc. furniture) ⁴	92,583	277,203	104,628	167,614	98,341	324,732	6
Furniture and fixtures.....	16,259	59,949	20,637	51,654	18,199	84,593	20
Paper and allied products.....	14,316	116,864	17,930	55,693	15,410	135,896	4
Printing and publishing industries.....	13,555	102,083	21,023	69,533	14,921	109,068	10
Chemicals and allied products.....	36,767	291,960	46,371	152,043	35,478	406,584	4
Petroleum and coal products.....	4,099	59,164	4,119	12,495	3,559	70,155	2
Rubber products.....	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	-----
Leather and leather products.....	13,586	50,496	13,232	27,726	12,261	60,883	2
Stone, clay, and glass products.....	18,804	90,460	19,750	54,853	17,853	115,325	6
Primary metal industries.....	54,886	287,693	59,814	190,569	52,373	407,834	2
Fabricated metal products.....	29,326	144,419	31,416	92,298	27,175	168,766	5
Machinery (except electrical).....	19,534	94,514	26,195	82,132	20,829	142,204	4
Electrical machinery.....	5,614	27,663	10,263	28,191	9,271	64,907	4
Transportation equipment.....	19,724	104,804	10,948	35,404	9,536	76,951	9
Instruments and related products.....	2,563	13,319	2,689	8,625	2,208	14,577	20
Miscellaneous manufactures.....	4,721	16,211	7,163	17,739	6,806	26,998	30

See footnotes at end of table.

No. 929.—MANUFACTURES—SELECTED STATISTICS FOR GEOGRAPHIC DIVISIONS, BY
MAJOR INDUSTRY GROUPS: 1947 AND 1950—Continued

[Money figures in thousands of dollars]

MAJOR INDUSTRY GROUP	WEST SOUTH CENTRAL						
	1947		1950				
	Number of production workers (average)	Value added by manu- facture ¹	All employees		Number of production workers (average)	Value added by manu- facture ¹	Stand- ard error (per- cent) ²
			Number (average)	Salaries and wages			
All industries, total.....	456, 123	3, 027, 709	581, 476	1, 676, 439	469, 090	3, 849, 399	2
Food and kindred products.....	84, 000	593, 684	111, 466	270, 507	77, 239	628, 026	4
Tobacco manufactures.....	(³)	(³)	(³)	(³)	(³)	(³)	-----
Textile mill products.....	11, 702	43, 528	11, 835	26, 621	11, 352	46, 155	2
Apparel and related products.....	28, 837	98, 203	(³)	(³)	(³)	(³)	-----
Lumber and products(excl. furniture) ⁴	85, 879	269, 573	80, 804	149, 425	75, 570	254, 937	7
Furniture and fixtures.....	10, 271	43, 420	15, 481	39, 046	13, 469	70, 793	6
Paper and allied products.....	19, 326	156, 090	27, 021	86, 514	23, 790	210, 700	1
Printing and publishing industries.....	17, 115	154, 406	34, 295	111, 140	21, 121	215, 280	4
Chemicals and allied products.....	32, 035	389, 299	48, 299	171, 894	37, 420	763, 092	5
Petroleum and coal products.....	46, 050	573, 617	54, 928	234, 484	43, 253	583, 567	2
Rubber products.....	(³)	(³)	(³)	(³)	(³)	(³)	-----
Leather and leather products.....	2, 777	9, 343	5, 051	9, 559	4, 514	18, 433	8
Stone, clay, and glass products.....	18, 527	107, 883	29, 086	77, 331	24, 145	183, 559	10
Primary metal industries.....	17, 074	96, 122	20, 077	67, 715	17, 887	127, 806	3
Fabricated metal products.....	17, 445	105, 190	18, 437	57, 003	14, 689	107, 032	15
Machinery (except electrical).....	25, 210	175, 449	31, 386	118, 479	23, 015	229, 579	2
Electrical machinery.....	1, 996	14, 109	3, 432	9, 144	3, 020	21, 128	4
Transportation equipment.....	27, 985	132, 722	39, 490	136, 373	33, 158	208, 836	2
Instruments and related products.....	2, 106	7, 999	2, 567	7, 022	2, 223	9, 037	3
Miscellaneous manufactures.....	4, 633	21, 382	(³)	(³)	(³)	(³)	-----

MAJOR INDUSTRY GROUP	MOUNTAIN						
	1947		1950				
	Number of production workers (average)	Value added by manu- facture ¹	All employees		Number of production workers (average)	Value added by manu- facture ¹	Stand- ard error (per- cent) ²
			Number (average)	Salaries and wages			
All industries, total.....	116, 199	839, 202	153, 514	473, 902	122, 809	1, 042, 063	4
Food and kindred products.....	32, 182	245, 359	39, 820	109, 732	29, 589	235, 257	5
Tobacco manufactures.....	(³)	(³)	(³)	(³)	(³)	(³)	-----
Textile mill products.....	581	1, 604	(³)	(³)	(³)	(³)	-----
Apparel and related products.....	2, 903	9, 824	(³)	(³)	(³)	(³)	-----
Lumber and products(excl. furniture) ⁴	19, 620	101, 926	26, 622	77, 025	24, 490	136, 547	5
Furniture and fixtures.....	1, 393	5, 761	(³)	(³)	(³)	(³)	-----
Paper and allied products.....	668	4, 758	(³)	(³)	(³)	(³)	-----
Printing and publishing industries.....	7, 187	58, 857	(³)	(³)	(³)	(³)	-----
Chemicals and allied products.....	3, 673	39, 798	9, 639	35, 192	7, 372	82, 793	2
Petroleum and coal products.....	4, 224	52, 093	6, 130	24, 890	4, 450	63, 253	15
Rubber products.....	(³)	(³)	(³)	(³)	(³)	(³)	-----
Leather and leather products.....	1, 111	4, 811	1, 714	5, 124	1, 422	8, 475	1
Stone, clay, and glass products.....	5, 530	31, 891	(³)	(³)	(³)	(³)	-----
Primary metal industries.....	20, 523	175, 735	24, 912	85, 294	21, 965	258, 861	4
Fabricated metal products.....	3, 561	22, 460	(³)	(³)	(³)	(³)	-----
Machinery (except electrical).....	4, 966	29, 966	5, 697	18, 144	4, 338	34, 691	4
Electrical machinery.....	401	1, 864	708	2, 005	567	5, 730	2
Transportation equipment.....	871	4, 811	(³)	(³)	(³)	(³)	-----
Instruments and related products.....	318	1, 902	(³)	(³)	(³)	(³)	-----
Miscellaneous manufactures.....	(³)	(³)	(³)	(³)	(³)	(³)	-----

See footnotes at end of table.

No. 929.—MANUFACTURES—SELECTED STATISTICS FOR GEOGRAPHIC DIVISIONS, BY MAJOR INDUSTRY GROUPS: 1947 AND 1950—Continued

[Money figures in thousands of dollars]

MAJOR INDUSTRY GROUP	PACIFIC						
	1947		1950				
	Number of production workers (average)	Value added by manu- facture ¹	All employees		Number of pro- duction workers (average)	Value added by manu- facture ¹	Stand- ard error (per- cent) ²
			Number (average)	Salaries and wages			
All industries, total	745,915	5,544,034	1,011,095	3,562,940	804,465	7,041,285	2
Food and kindred products	130,876	1,108,506	174,263	550,494	132,725	1,328,864	3
Tobacco manufactures	(³)	(³)	(³)	(³)	(³)	(³)	-----
Textile mill products	7,828	48,557	8,413	27,068	6,519	47,389	7
Apparel and related products	42,737	206,770	60,437	158,457	52,735	252,749	7
Lumber and products (exc. furniture) ⁴	123,623	869,202	168,740	601,878	156,583	1,185,397	4
Furniture and fixtures	22,355	120,487	24,153	80,907	20,618	128,510	5
Paper and allied products	25,787	253,033	35,310	130,789	30,346	318,402	2
Printing and publishing industries	30,480	328,055	59,985	236,605	35,892	392,618	8
Chemicals and allied products	21,255	307,515	38,457	147,174	26,324	448,584	4
Petroleum and coal products	17,628	217,571	21,158	91,822	14,693	220,572	4
Rubber products	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	-----
Leather and leather products	5,603	28,550	(⁵)	(⁵)	(⁵)	(⁵)	-----
Stone, clay, and glass products	27,765	177,623	34,504	113,648	28,901	240,104	8
Primary metal industries	36,127	259,115	50,496	190,606	42,318	408,181	3
Fabricated metal products	52,677	338,727	63,801	228,999	52,245	431,264	4
Machinery (except electrical)	47,294	329,482	53,434	200,339	39,785	348,550	9
Electrical machinery	15,667	116,236	20,559	70,576	15,993	134,891	5
Transportation equipment	107,039	643,778	146,585	568,079	107,965	839,660	2
Instruments and related products	5,565	31,836	8,819	32,504	6,714	53,754	15
Miscellaneous manufactures	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	-----

¹ Value of products less cost of materials, supplies, fuel, electric energy, and contract work.² See text, p. 745, for explanation of standard error. Refers to column "All employees—Number;" standard errors of estimates for other columns usually of same magnitude.³ Withheld because estimate did not meet publication standards. See text, p. 745.⁴ Data for the logging industry and for sawmills producing less than 200,000 board feet of lumber are included in the estimates for 1950, but are excluded from the figures for 1947.⁵ Withheld to avoid disclosing data for individual companies.Source: Department of Commerce, Bureau of the Census; *Annual Survey of Manufactures: 1949 and 1950*.

No. 930.—MANUFACTURES—GENERAL STATISTICS, BY STATES: 1949 AND 1950

[Money figures in thousands of dollars. For comparable 1947 and 1939 data, see table 931. Figures are based on sample and subject to sampling variation]

DIVISION AND STATE	1949		1950				STAND- ARD ERROR (per cent) ²	1949	1950
	All em- ployees (average for the year)	Value added by ' manu- facture ¹	All employees		Production workers					Value added by manu- facture ^{1}
			Number (average for the year)	Salaries and wages, total	Number (average for the year)	Wages, total			
United States.....	13,566,847	75,366,527	14,369,747	46,599,011	11,766,056	34,565,698	89,675,779	1	1
New England.....	1,323,249	6,299,364	1,410,809	4,329,612	1,180,754	3,282,213	7,411,925	1	2
Maine.....	101,458	407,121	106,496	277,079	95,202	229,006	454,278	6	5
New Hampshire.....	76,975	309,036	80,424	212,458	71,789	174,920	353,710	5	15
Vermont.....	33,478	150,578	40,627	115,824	35,395	93,882	205,938	6	6
Massachusetts.....	649,700	3,193,499	683,801	2,118,870	560,563	1,556,868	3,659,916	2	2
Rhode Island.....	124,495	564,100	133,479	385,296	115,307	311,231	614,636	3	4
Connecticut.....	337,143	1,674,430	365,982	1,220,085	302,498	910,306	2,123,447	2	2
Middle Atlantic.....	3,737,377	20,675,914	3,867,587	12,788,455	3,119,727	9,221,353	23,497,760	1	1
New York.....	1,704,407	9,528,110	1,736,754	5,861,009	1,363,992	4,070,493	10,506,454	2	2
New Jersey.....	684,903	4,206,331	717,562	2,486,594	575,288	1,785,940	4,867,312	2	2
Pennsylvania.....	1,348,067	6,941,473	1,413,271	4,440,852	1,180,447	3,364,920	8,123,994	2	2
East North Central.....	4,008,911	24,501,907	4,311,551	15,573,484	3,494,581	11,596,804	29,809,885	1	1
Ohio.....	1,078,746	6,412,895	1,167,117	4,166,850	934,924	3,076,459	7,967,482	1	1
Indiana.....	506,350	3,059,100	557,208	1,935,641	461,334	1,485,702	3,832,892	2	2
Illinois.....	1,103,973	6,898,999	1,154,365	4,037,748	908,248	2,850,994	7,929,910	2	1
Michigan.....	922,362	5,769,964	1,011,074	3,975,067	850,623	3,112,945	7,392,255	1	2
Wisconsin.....	397,480	2,360,949	421,787	1,458,178	330,452	1,070,704	2,687,346	2	2
West North Central.....	778,425	4,394,939	804,171	2,516,958	634,156	1,796,072	5,132,948	2	2
Minnesota.....	177,581	1,081,848	179,977	592,019	142,122	414,814	1,200,204	5	3
Iowa.....	140,020	795,502	146,332	448,052	110,296	320,032	925,762	3	3
Missouri.....	317,662	1,731,153	325,272	996,873	262,016	713,480	2,023,902	2	2
North Dakota ³	15,796	67,064	17,520	50,587	13,369	36,705	99,001	30	20
South Dakota ³	45,276	219,880	47,766	147,002	36,371	101,644	270,579	5	5
Nebraska.....	82,090	499,492	87,304	282,425	69,982	209,397	613,500	3	3
South Atlantic.....	1,502,336	7,074,658	1,592,612	4,060,110	1,385,104	3,211,858	8,445,606	2	2
Delaware.....	37,075	229,813	40,928	121,435	34,116	89,388	287,592	5	5
Maryland.....	209,577	1,203,069	219,876	672,630	176,512	488,084	1,455,095	2	2
Dist. of Columbia.....	16,854	123,340	17,118	61,408	10,006	31,684	113,746	15	15
Virginia.....	212,516	1,085,249	221,720	565,412	192,484	445,475	1,326,495	3	3
West Virginia.....	120,508	719,921	123,680	379,452	105,901	290,941	820,401	3	4
North Carolina.....	366,102	1,627,572	402,631	945,078	366,592	788,812	1,858,230	2	2
South Carolina.....	187,678	719,044	193,052	459,658	177,779	400,702	854,925	2	2
Georgia.....	268,335	1,001,242	286,129	638,809	250,017	510,566	1,227,442	6	5
Florida.....	83,691	365,408	87,478	216,228	71,697	157,226	439,680	6	6
East South Central.....	594,336	2,839,430	636,932	1,617,111	555,370	1,277,426	3,444,908	2	2
Kentucky.....	123,711	799,482	136,313	385,755	116,333	296,840	957,640	4	3
Tennessee.....	213,090	981,099	221,800	574,778	191,573	443,668	1,172,271	3	3
Alabama.....	190,261	836,016	206,199	512,948	183,011	421,921	1,034,231	3	3
Mississippi.....	67,274	221,963	72,620	143,630	64,453	114,997	280,766	5	6
West South Central.....	556,493	3,069,647	581,476	1,676,439	469,090	1,227,347	3,849,399	2	2
Arkansas.....	62,252	241,901	71,377	153,902	62,622	124,006	320,723	5	7
Louisiana.....	117,246	713,057	123,504	351,179	100,501	256,447	915,976	4	4
Oklahoma.....	57,396	300,775	57,615	170,313	45,271	126,005	344,037	4	4
Texas.....	319,599	1,813,914	328,980	1,001,045	260,696	720,829	2,268,663	3	3
Mountain.....	142,600	782,868	153,514	473,902	122,809	354,347	1,042,063	4	4
Montana.....	16,057	82,180	16,645	51,942	13,614	40,842	107,837	5	5
Idaho.....	15,250	91,702	15,495	55,659	14,562	46,542	118,675	15	15
Wyoming.....	6,233	29,513	7,082	22,784	6,083	18,308	37,739	8	7
Colorado.....	49,565	278,626	55,555	163,310	42,959	116,176	340,795	5	4
New Mexico.....	8,740	51,694	13,512	38,971	10,755	27,832	102,897	30	20
Arizona.....	14,252	91,681	14,692	49,653	11,470	35,744	127,946	7	7
Utah.....	29,296	138,268	28,277	83,035	21,868	62,706	177,504	9	15
Nevada.....	3,207	19,204	2,256	8,548	1,498	6,197	28,670	30	40
Pacific.....	923,120	5,727,800	1,011,095	3,562,940	804,465	2,598,278	7,041,285	2	2
Washington.....	156,399	926,630	160,342	558,807	133,809	439,206	1,113,362	3	4
Oregon.....	111,060	633,136	116,862	400,424	101,997	333,176	806,947	4	4
California.....	655,661	4,168,034	733,891	2,603,709	568,659	1,825,896	5,120,976	2	2

¹ Value of products less cost of materials, supplies, fuel, electric energy, and contract work.

² See text, p. 745, for explanation of standard error. Refers to columns "All employees—Number (average for the year)," standard errors of estimates for other columns usually of same magnitude.

³ The data for North Dakota and South Dakota combined because of high standard errors associated with 1949 and 1950 estimates for each State.

Source: Department of Commerce, Bureau of the Census; *Annual Survey of Manufactures: 1949 and 1950*.

No. 931.—MANUFACTURES—GENERAL STATISTICS, BY STATES: 1947 AND 1939

[Money figures in thousands of dollars. See text, p. 744]

DIVISION AND STATE	Number of establishments	1947					1939 ¹	
		All employees ¹		Production workers		Value added by manufacture ²	Number of production workers (average for year)	Value added by manufacture ²
		Number (average for year)	Salaries and wages, total	Number (average for year)	Wages, total			
United States.....	240,881	14,294,304	39,689,527	11,916,188	30,242,343	74,425,825	7,808,205	24,487,304
New England.....	20,274	1,474,684	3,941,011	1,248,325	3,054,119	6,813,800	947,412	2,414,268
Maine.....	1,635	100,181	233,994	90,378	199,204	432,123	74,040	150,588
New Hampshire.....	1,124	74,752	177,479	66,448	145,324	306,932	55,434	104,453
Vermont.....	830	54,872	83,021	30,239	66,400	149,685	20,498	49,741
Massachusetts.....	10,524	718,441	1,923,141	601,603	1,464,047	3,370,094	458,372	1,181,465
Rhode Island.....	2,214	140,850	374,582	128,130	297,599	658,420	105,089	237,698
Connecticut.....	3,947	399,588	1,148,794	351,527	881,545	1,890,546	232,979	690,323
Middle Atlantic.....	75,363	3,953,738	11,412,746	3,245,879	8,513,460	20,790,626	2,234,295	7,308,780
New York.....	47,819	1,775,975	5,279,086	1,424,705	3,815,374	9,666,588	949,362	3,313,649
New Jersey.....	10,755	738,229	2,214,159	601,748	1,644,207	4,177,080	431,562	1,518,269
Pennsylvania.....	16,789	1,439,534	3,918,901	1,219,426	3,083,879	6,946,958	873,371	2,476,862
East North Central.....	50,570	4,317,892	13,007,601	3,565,172	9,935,496	23,473,563	2,180,600	7,744,406
Ohio.....	12,303	1,194,603	3,560,075	988,446	2,727,481	6,359,006	595,520	2,116,434
Indiana.....	5,408	548,346	1,587,618	457,582	1,256,558	2,977,508	275,272	964,746
Illinois.....	15,988	1,184,820	3,585,008	954,415	2,627,318	6,680,137	590,995	2,187,240
Michigan.....	9,802	973,075	3,090,668	821,721	2,438,027	5,190,338	520,105	1,794,016
Wisconsin.....	6,979	416,448	1,184,247	343,008	906,112	2,260,574	198,648	681,970
West North Central.....	17,403	785,064	2,063,739	635,940	1,508,105	4,119,409	376,156	1,348,167
Minnesota.....	4,567	170,986	501,355	145,153	358,863	1,022,586	78,023	306,840
Iowa.....	2,965	149,425	372,839	112,400	275,454	671,100	64,773	243,390
Missouri.....	5,725	327,515	827,184	269,711	607,404	1,623,145	175,983	581,804
North Dakota.....	362	5,218	12,341	3,823	8,490	29,461	2,605	10,984
South Dakota.....	494	10,265	25,796	8,062	19,193	51,398	5,421	19,619
Nebraska.....	1,344	47,031	119,923	37,338	87,432	260,658	18,416	68,139
Kansas.....	1,946	74,624	204,801	59,363	151,269	461,061	30,935	117,391
South Atlantic.....	24,001	1,523,995	3,370,875	1,344,444	2,709,342	6,942,054	977,596	2,216,976
Delaware.....	452	34,405	92,183	29,014	70,007	182,088	19,825	54,085
Maryland.....	2,824	228,552	612,034	188,638	458,243	1,198,407	140,930	420,589
Dist. of Columbia.....	428	17,815	55,872	10,007	27,691	99,067	7,076	43,367
Virginia.....	3,644	216,637	483,994	190,035	384,441	1,051,629	132,089	376,259
West Virginia.....	1,602	127,353	337,860	108,984	268,469	668,908	74,411	213,284
North Carolina.....	5,322	381,450	758,895	350,207	641,961	1,640,673	269,238	544,181
South Carolina.....	4,754	240,926	484,246	175,724	350,465	1,094,812	126,408	169,294
Georgia.....	4,754	240,926	484,246	225,807	360,820	1,015,909	155,870	280,032
Florida.....	2,808	78,066	168,818	68,028	128,240	349,976	31,149	115,885
East South Central.....	10,907	633,765	1,360,231	558,191	1,093,293	2,875,428	355,096	823,101
Kentucky.....	2,244	129,504	304,658	110,602	235,989	740,772	62,481	186,485
Tennessee.....	3,346	221,454	473,211	192,367	369,920	957,539	131,024	318,378
Alabama.....	3,335	206,136	444,647	185,645	372,404	876,933	115,698	245,577
Mississippi.....	1,982	76,671	137,705	69,577	114,980	300,184	45,893	72,661
West South Central.....	13,181	550,241	1,333,054	456,122	995,239	3,027,709	258,882	815,276
Arkansas.....	1,924	65,321	124,167	58,254	101,869	265,144	35,672	66,444
Louisiana.....	2,389	132,464	309,871	111,553	229,673	694,074	70,453	198,527
Oklahoma.....	1,740	55,403	143,605	44,302	105,277	341,027	27,642	101,782
Texas.....	7,128	297,053	755,411	242,014	558,420	1,727,464	125,115	448,523
Mountain.....	5,049	141,638	379,900	116,199	293,601	839,202	67,011	269,381
Montana.....	652	16,092	43,481	13,006	35,350	92,258	8,802	33,828
Idaho.....	664	16,907	45,748	14,602	37,904	109,694	9,788	29,788
Wyoming.....	256	5,607	16,696	4,285	12,291	34,957	3,351	15,336
Colorado.....	1,602	54,071	144,207	44,153	109,734	286,774	23,388	90,330
New Mexico.....	432	7,590	18,222	6,349	14,173	55,486	3,219	8,640
Arizona.....	545	14,188	39,333	11,107	29,680	103,958	5,905	31,625
Utah.....	772	24,516	63,804	19,973	48,053	128,298	11,467	43,341
Nevada.....	126	2,667	8,409	2,064	6,416	27,777	1,025	11,493
Pacific.....	24,133	913,787	2,820,370	745,915	2,139,688	5,544,034	411,038	1,546,957
Washington.....	3,410	144,324	438,020	123,488	354,696	874,036	82,261	267,716
Oregon.....	3,075	105,591	317,827	92,144	265,837	675,017	57,487	156,696
California.....	17,648	663,872	2,064,523	530,283	1,519,255	3,994,981	271,290	1,122,545

¹ Includes all full-time and part-time production and related workers, force-account construction workers, clerical and routine office workers, administrative, supervisory, sales, technical, and all other personnel on pay rolls of manufacturing establishments. Excludes employees of central administrative offices operated by concerns having 2 or more manufacturing establishments. Wages and salaries represent gross earnings of employees including commissions, dismissal pay, nonproduction bonuses, vacation and sick leave pay, and compensation in kind, and prior to such deductions as employees' social security contributions, withholding taxes, group insurance, union dues, and savings bonds.

² Value of products less cost of materials, supplies, fuel, electricity, and contract work.

³ Figures will not add to totals because of rounding.

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports.

No. 932.—MANUFACTURES—GENERAL STATISTICS FOR STANDARD METROPOLITAN AREAS: 1947 and 1939

[Money figures in thousands of dollars. Data cover standard metropolitan areas having 40,000 or more manufacturing employees in 1947. These areas replace industrial areas shown in earlier censuses. Industrial areas, as defined in previous years, were groups of contiguous counties having large numbers of manufacturing wage earners. Present standard metropolitan areas are integrated economic and social entities which contain not only highly industrialized counties, but also adjoining counties which, though primarily residential in character, contribute significantly to the industrial counties' labor force. The 53 areas presented in this table represent a part of a larger list of standard metropolitan areas recently established by the Federal Government for the use of all Government statistical collection agencies. Standard metropolitan areas are composed of whole counties in all parts of the U. S., with the exception of New England where they are composed of towns. For definition of each area, see 1947 Census of Manufactures preliminary report, series MC 100-3 or final report, Vol. III.]

AREA	1947						1939	
	Number of establishments	All employees ¹		Production workers		Value added by manufacture ²	Number of production workers (average for the year)	Value added by manufacture ²
		Number (average for the year)	Salaries and wages, total	Number (average for the year)	Wages, total			
United States	240,881	14,294,304	39,689,527	11,916,188	30,242,343	74,425,826	7,808,205	24,487,304
Standard metropolitan areas, total	135,205	8,513,438	25,510,924	6,926,142	18,955,595	46,312,425	4,490,085	15,785,979
Akron	482	94,011	284,302	75,280	215,444	460,327	40,114	166,444
Albany-Schenectady-Troy	599	70,839	202,484	55,023	146,122	322,172	36,217	126,192
Allentown-Bethlehem-Easton	898	88,539	222,004	76,285	177,416	360,314	59,181	158,236
Atlanta	872	49,034	112,049	40,505	80,889	237,012	27,692	81,033
Baltimore	1,785	170,062	482,043	138,810	359,340	899,534	105,786	342,465
Birmingham	530	53,295	137,845	44,748	106,619	275,326	28,774	105,409
Boston	5,406	271,273	752,788	215,294	530,965	1,391,157	157,230	508,099
Bridgeport	585	70,127	203,592	56,014	151,927	342,780	34,848	104,596
Buffalo	1,694	183,876	557,384	149,758	425,314	1,023,231	90,244	391,785
Canton	385	55,564	158,649	47,600	128,551	280,241	28,854	107,807
Chicago	12,284	945,326	2,990,068	756,115	2,176,307	5,529,062	478,126	1,896,111
Cincinnati	1,700	135,774	382,935	108,476	274,717	777,201	72,401	268,017
Cleveland	3,258	208,750	866,849	218,929	645,539	1,546,117	129,358	504,992
Columbus (Ohio)	679	54,877	153,462	42,363	105,356	277,809	25,809	90,949
Dayton	638	95,347	308,299	79,433	240,266	496,380	40,200	164,903
Detroit	4,765	555,788	1,846,006	466,922	1,451,803	2,910,650	315,321	1,087,575
Erie	368	46,285	134,693	38,076	103,640	224,906	19,216	72,110
Fall River-New Bedford	588	62,672	142,422	57,379	122,624	244,346	48,127	172,661
Flint	214	55,159	171,859	47,887	141,033	324,507	33,072	133,499
Grand Rapids	694	49,241	147,276	41,961	114,990	255,255	23,882	71,736
Hartford	584	63,790	189,160	52,014	142,678	300,353	31,588	118,126
Houston	916	58,006	182,282	46,001	131,512	385,549	22,600	100,608
Indianapolis	944	92,640	279,361	73,168	198,676	484,860	38,705	158,633
Kansas City	1,345	78,645	218,827	61,698	156,340	469,504	38,085	147,655
Los Angeles	9,770	358,772	1,118,344	281,806	797,090	2,052,671	127,425	517,671
Louisville	743	73,791	196,864	60,827	146,607	488,956	35,009	128,466
Milwaukee	1,063	177,802	535,089	141,172	396,832	973,935	79,473	287,667
Minneapolis-St. Paul	2,117	118,624	346,278	93,966	239,110	714,585	48,710	203,011
New Britain-Bristol	299	45,708	132,524	38,507	105,823	205,103	23,564	65,681
New Haven	577	41,603	115,374	34,395	86,140	188,528	24,528	69,883
New Orleans	724	45,393	105,210	37,932	78,201	222,995	25,609	80,710
New York-Northeastern N. J.	48,304	1,604,184	4,982,986	1,274,357	3,495,956	9,322,683	867,953	3,126,135
Peoria	278	42,511	123,726	34,492	94,876	280,670	18,875	65,046
Philadelphia	7,399	532,492	1,530,946	497,553	1,140,317	2,803,106	320,627	1,097,292
Pittsburgh	2,228	337,674	1,023,913	284,017	807,132	1,707,918	191,273	640,908
Portland (Oregon)	1,297	51,643	153,747	42,675	119,893	315,073	25,017	79,875
Providence	2,363	152,845	392,583	132,506	309,014	689,048	95,411	218,331
Reading	617	53,423	136,503	46,756	111,376	230,962	40,537	83,782
Rochester	910	104,907	307,821	80,735	218,838	510,225	50,898	207,730
St. Louis	2,960	244,490	664,733	200,098	490,936	1,296,471	126,414	461,772
San Francisco-Oakland	3,672	163,641	526,747	131,161	393,346	1,049,490	76,044	361,966
Seattle	1,222	54,786	171,256	44,682	129,938	265,458	23,581	83,804
South Bend	1,259	44,139	144,419	37,158	117,504	234,908	20,819	71,555
Springfield-Holyoke	831	81,598	233,624	67,366	177,556	371,902	38,504	114,854
Syracuse	512	54,593	158,093	43,328	116,729	275,257	25,668	82,777
Toledo	627	69,599	221,562	56,730	167,461	390,092	30,542	111,138
Trenton	402	40,422	119,283	33,594	88,389	208,485	25,287	72,054
Utica-Rome	429	50,563	139,504	43,854	113,258	231,009	32,293	79,945
Waterbury	295	43,388	125,719	36,386	96,557	206,291	28,537	81,371
Wheeling-Steubenville	343	51,751	147,020	46,484	125,513	259,509	41,228	100,873
Worcester	702	53,251	153,583	43,525	114,474	241,917	32,063	99,796
York	597	41,932	100,709	35,269	76,540	189,358	27,114	66,435
Youngstown	552	108,654	330,825	94,263	273,621	567,307	63,010	200,320

¹ Includes all full-time and part-time production and related workers, force-account construction workers, clerical and routine office workers, administrative, supervisory, sales, technical, and all other personnel on the pay rolls of manufacturing establishments. Excludes employees of central administrative offices operated by concerns having 2 or more manufacturing establishments. Wages and salaries represent gross earnings of employees including commissions, dismissal pay, nonproduction bonuses, vacation and sick leave pay, and compensation in kind, and prior to such deductions as employees' social security contributions, withholding taxes, group insurance, union dues, and savings bonds.

² Value of products less cost of materials, supplies, fuel, electricity, and contract work.

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports.

No. 933.—MANUFACTURES—EXPENDITURES FOR NEW PLANT AND EQUIPMENT, BY INDUSTRY GROUPS: 1947, 1949, AND 1950

[Dollar figures in thousands. 1949 and 1950 figures based on sample and subject to sampling variation. See text, p. 744. Excludes expenditures: (1) for plant under construction but not in operation; (2) for plants idle throughout year; (3) for nonmanufacturing establishments of manufacturing companies; (4) for plants and equipment leased to manufacturers by owners; and (5) for used plant and equipment acquired from others]

INDUSTRY GROUP	1947 ¹				1949				1950				STANDARD ERROR (percent) ²	
	Total expenditures for new plant and equipment	New structures and additions to plant	New machinery and equipment	Total expenditures for new plant and equipment	New structures and additions to plant	New machinery and equipment	Total expenditures for new plant and equipment	New structures and additions to plant	New machinery and equipment	Total expenditures for new plant and equipment	New structures and additions to plant	New machinery and equipment	1949	1950
All industries, total	6,003,873	2,122,143	3,881,730	5,006,941	1,567,238	3,439,703	5,110,262	1,411,330	3,698,932				2	1
Food and kindred products	820,847	276,803	544,044	723,401	261,101	462,300	649,445	216,421	433,024				6	5
Tobacco manufactures	35,645	12,919	22,726	22,841	17,553	11,086	17,634	6,333	10,821				1	3
Textile mill products	367,510	104,706	262,804	418,949	76,374	342,331	420,183	74,449	345,734				3	4
Apparel and related products	88,945	23,114	61,831	83,712	13,540	39,792	62,598	14,279	48,279				5	8
Lumber and products (exc. furniture)	177,574	56,048	115,526	147,451	46,395	107,056	191,817	50,887	140,930				4	10
Furniture and fixtures	77,441	26,247	51,194	41,015	(³)	(³)	58,087	(⁴)	(⁴)				6	9
Paper and allied products	406,779	117,231	289,548	315,285	64,977	250,308	290,083	62,906	226,177				3	3
Printing and publishing industries	226,368	82,143	144,225	235,008	61,276	192,822	244,396	54,322	190,074				9	10
Chemicals and allied products	810,732	279,739	530,993	508,126	166,093	432,033	602,998	140,183	463,815				1	2
Petroleum and coal products	399,754	317,440	82,314	473,704	313,730	159,988	331,541	201,360	130,181				3	3
Rubber products	109,783	30,893	78,890	63,253	13,180	50,064	70,958	16,944	63,014				3	4
Leather and leather products	31,301	8,994	22,307	20,618	10,022	19,596	25,791	(⁵)	(⁵)				7	15
Stone, clay, and glass products	285,066	104,378	180,688	190,986	51,453	139,533	222,632	64,638	168,014				3	5
Primary metal industries	602,177	212,987	379,490	567,956	160,481	407,475	548,253	138,098	409,555				2	2
Fabricated metal products	304,822	92,119	212,703	230,879	63,105	167,774	317,027	93,091	223,936				4	3
Machinery (except electrical)	517,589	167,396	350,193	350,554	105,427	245,127	337,212	86,872	250,340				3	3
Electrical machinery	244,806	64,874	179,932	187,284	53,765	133,519	195,453	50,051	145,407				4	4
Transportation equipment	354,074	99,514	254,560	255,712	55,472	208,240	343,426	76,738	266,690				2	2
Instruments and related products	66,090	15,313	40,687	57,044	16,375	41,569	64,446	16,418	48,028				7	7
Miscellaneous manufactures	106,980	31,515	75,465	77,047	(⁶)	(⁶)	98,275	19,395	78,880				7	6

¹ Smaller establishments submitting "short" form reports were not requested to include data on capital expenditures. Resulting understatement is negligible (see Ch. VI of Vol. I, "General Summary, Census of Manufactures, 1947").

² See text, p. 745, for explanation of standard error. Refers to total expenditures columns. Standard errors for new machinery columns approximately same as those for total expenditures; for new structures columns, vary, usually between 1 and 3 times the standard errors shown for total expenditures, up to a maximum of 15 percent for published totals.

³ Not fully represented in sample; capital expenditures understated by approximately 1 to 10 percent; corresponding understatement of "All industries" total is less than 0.5 percent.

⁴ Withheld because estimate did not meet publication standards. See text, p. 745.

Source: Department of Commerce, Bureau of the Census, *Annual Survey of Manufactures: 1949 and 1950*.

NO. 934.—MANUFACTURES—EXPENDITURES FOR PLANT AND EQUIPMENT, BY STATES: 1947 AND 1939

[In thousands of dollars. See headnote, table 933]

DIVISION AND STATE	1947					1939		
	Total expenditures for plant and equipment	Expenditures for new plant and equipment			Expenditures for used plant and equipment and land	Expenditures for new plant and equipment		
		Total	New construction	New machinery and equipment		Total	New construction	New machinery and equipment
United States.....	6,627,029	6,003,873	2,122,143	3,881,730	623,156	1,248,078	391,285	856,793
New England.....	475,422	418,580	115,151	303,429	56,842	101,853	22,231	79,622
Maine.....	36,996	35,055	12,708	22,347	1,941	7,489	2,662	4,827
New Hampshire.....	26,076	24,010	5,994	18,016	2,066	3,280	848	2,432
Vermont.....	10,681	9,698	3,051	6,647	983	2,488	648	1,840
Massachusetts.....	215,929	198,985	52,426	146,559	16,944	46,785	9,795	36,990
Rhode Island.....	37,842	34,609	8,117	26,492	3,233	9,972	1,794	8,178
Connecticut.....	147,898	116,223	32,855	83,368	31,675	31,839	6,484	25,355
Middle Atlantic.....	1,468,235	1,335,235	446,679	888,556	133,000	308,171	89,290	218,881
New York.....	556,980	497,443	152,173	345,270	59,537	116,635	29,847	86,788
New Jersey.....	329,992	303,987	93,130	210,857	26,005	77,664	22,464	55,200
Pennsylvania.....	581,263	533,805	201,376	332,429	47,458	113,872	36,979	76,893
East North Central.....	2,052,310	1,869,322	667,526	1,201,796	182,988	421,071	125,749	295,322
Ohio.....	537,703	498,254	179,293	318,961	39,449	106,957	25,832	81,125
Indiana.....	320,999	302,104	145,724	156,380	18,995	69,515	31,111	38,404
Illinois.....	548,580	478,431	168,066	310,365	70,149	103,652	36,049	67,603
Michigan.....	463,694	427,746	119,254	308,492	35,948	110,197	26,142	84,055
Wisconsin.....	181,334	162,787	55,189	107,598	18,547	30,750	6,135	24,135
West North Central.....	366,638	340,462	123,332	217,130	26,176	56,596	18,142	38,454
Minnesota.....	89,005	82,800	29,438	53,362	6,205	11,899	3,642	8,257
Iowa.....	70,437	64,686	23,041	41,645	5,751	10,040	4,008	6,032
Missouri.....	139,499	132,166	50,531	81,635	7,333	22,297	5,589	16,708
North Dakota.....	2,378	2,250	1,391	1,391	128	583	186	397
South Dakota.....	3,640	3,371	1,252	2,119	269	749	259	490
Nebraska.....	20,154	18,402	6,472	11,930	1,752	3,682	1,179	2,503
Kansas.....	41,525	36,787	11,739	25,048	4,738	7,346	3,279	4,067
South Atlantic.....	736,185	677,651	224,207	453,444	58,534	139,620	38,884	100,736
Delaware.....	21,527	21,137	5,594	15,543	390	2,558	697	1,861
Maryland.....	136,741	123,599	49,106	74,493	13,142	24,583	7,904	16,679
District of Columbia.....	5,312	4,502	976	3,526	810	1,320	279	1,041
Virginia.....	120,137	112,383	33,902	78,481	7,754	20,190	6,085	14,105
West Virginia.....	93,476	82,332	27,364	54,968	11,144	23,667	4,777	18,890
North Carolina.....	144,388	137,583	42,812	94,771	6,805	30,148	7,636	22,512
South Carolina.....	66,579	61,743	20,189	41,554	4,836	10,968	2,946	8,022
Georgia.....	90,412	84,320	28,147	56,173	6,092	18,105	5,439	12,666
Florida.....	57,613	50,052	16,117	33,935	7,561	8,081	3,121	4,960
East South Central.....	274,955	256,002	80,931	175,071	18,953	49,610	12,810	36,800
Kentucky.....	84,499	77,135	27,197	49,938	7,364	9,138	2,902	6,236
Tennessee.....	89,362	83,792	24,356	59,436	5,670	22,774	5,064	17,710
Alabama.....	76,803	72,302	22,752	49,550	4,441	11,977	3,095	8,882
Mississippi.....	24,291	22,713	6,626	16,087	1,578	5,721	1,749	3,972
West South Central.....	531,571	457,920	205,644	252,276	73,651	74,217	43,706	30,511
Arkansas.....	33,992	30,262	11,569	18,693	3,730	4,357	1,736	2,621
Louisiana.....	102,437	97,210	32,597	64,613	5,227	15,807	6,617	9,190
Oklahoma.....	35,535	25,504	12,252	13,252	10,031	5,551	2,829	2,722
Texas.....	359,607	304,944	149,226	155,718	54,663	48,502	32,524	15,978
Mountain.....	100,745	95,023	33,296	61,727	5,722	15,592	6,469	9,123
Montana.....	7,788	7,446	1,708	5,738	342	3,046	1,225	1,821
Idaho.....	12,116	11,447	3,903	7,544	669	1,707	743	964
Wyoming.....	11,594	10,235	8,756	1,479	1,359	784	308	476
Colorado.....	33,379	32,189	8,406	23,783	1,190	6,037	2,443	3,594
New Mexico.....	6,181	5,431	1,810	3,621	750	993	536	457
Arizona.....	8,761	8,328	3,131	5,197	433	971	264	707
Utah.....	17,877	16,983	4,171	12,817	889	1,789	859	930
Nevada.....	3,049	2,959	1,411	1,548	90	265	91	174
Pacific.....	620,968	553,678	225,377	328,301	67,290	81,348	34,004	47,344
Washington.....	94,447	81,476	28,707	52,769	12,971	12,862	6,323	6,529
Oregon.....	72,946	61,669	23,435	38,234	11,277	9,626	3,161	6,465
California.....	453,575	410,533	173,235	237,298	43,042	58,860	24,510	34,350

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports.

No. 935.—VALUE OF MANUFACTURERS' INVENTORIES, BY MAJOR INDUSTRY GROUPS: 1947 AND 1950

[In thousands of dollars. 1947 data exclude all small establishments reporting on "short" forms. 1950 figures based on sample and subject to sampling variation. See text, p. 744]

MAJOR INDUSTRY GROUP	1947					
	Inventories at beginning of year			Inventories at end of year		
	Total	Finished products ¹	Materials, supplies, and work in process ²	Total	Finished products ¹	Materials, supplies, and work in process ²
All industries, total.....	22, 432, 422	6, 159, 703	16, 272, 719	26, 129, 137	7, 808, 637	18, 320, 500
Food and kindred products.....	3, 489, 199	1, 522, 149	1, 967, 050	4, 078, 760	1, 943, 108	2, 135, 642
Tobacco manufactures.....	1, 033, 759	391, 569	642, 190	1, 117, 664	468, 754	651, 910
Textile mill products.....	1, 609, 619	339, 750	1, 269, 869	1, 788, 166	385, 472	1, 402, 694
Apparel and related products.....	1, 087, 339	365, 489	721, 850	1, 257, 372	449, 094	808, 278
Lumber and products, exc. furniture.....	497, 580	200, 015	297, 565	653, 637	275, 277	378, 360
Furniture and fixtures.....	342, 280	61, 108	281, 172	401, 311	83, 053	318, 258
Paper and allied products.....	536, 913	91, 644	445, 269	714, 223	125, 316	588, 907
Printing and publishing industries.....	(3)	(3)	(3)	(3)	(3)	(3)
Chemicals and allied products.....	1, 743, 370	505, 525	1, 237, 845	2, 062, 730	650, 037	1, 412, 693
Petroleum and coal products.....	730, 588	400, 293	330, 295	888, 583	453, 606	434, 977
Rubber products.....	373, 058	98, 427	274, 631	413, 785	152, 967	260, 818
Leather and leather products.....	447, 705	102, 289	345, 416	508, 276	120, 257	388, 019
Stone, clay, and glass products.....	391, 146	137, 933	253, 213	494, 666	184, 543	310, 123
Primary metal industries.....	1, 719, 943	368, 501	1, 351, 442	1, 968, 469	441, 282	1, 527, 187
Fabricated metal products.....	1, 254, 132	233, 753	1, 020, 379	1, 500, 320	316, 639	1, 184, 681
Machinery (except electrical).....	2, 833, 852	677, 792	2, 156, 060	3, 354, 237	890, 262	2, 463, 975
Electrical machinery.....	1, 342, 433	188, 439	1, 153, 994	1, 489, 516	291, 340	1, 198, 176
Transportation equipment.....	2, 048, 774	242, 172	1, 806, 602	2, 377, 482	296, 994	2, 080, 488
Instruments and related products.....	382, 098	83, 172	298, 926	429, 047	103, 767	325, 280
Miscellaneous manufactures.....	568, 634	149, 683	418, 951	630, 903	180, 879	450, 024

MAJOR INDUSTRY GROUP	1950						Standard error (percent) ⁴
	Inventories at beginning of year			Inventories at end of year			
	Total	Finished products	Materials, supplies, and work in process	Total	Finished products	Materials, supplies, and work in process	
All industries, total.....	25, 977, 121	9, 261, 916	16, 715, 205	30, 883, 372	9, 740, 460	21, 142, 912	
Food and kindred products.....	3, 759, 852	2, 099, 600	1, 650, 252	4, 401, 397	2, 325, 515	2, 075, 882	5
Tobacco manufactures.....	1, 225, 149	496, 714	728, 435	1, 335, 953	500, 042	835, 316	2
Textile mill products.....	1, 838, 878	542, 962	1, 295, 916	2, 465, 957	619, 923	1, 846, 034	3
Apparel and related products.....	1, 216, 948	483, 069	733, 879	1, 691, 858	616, 847	1, 075, 011	7
Lumber and products (except furniture).....	764, 663	375, 224	389, 439	864, 144	407, 080	457, 064	5
Furniture and fixtures.....	365, 953	99, 644	266, 309	501, 773	115, 273	386, 500	5
Paper and allied products.....	668, 570	160, 259	508, 311	767, 775	165, 715	602, 060	3
Printing and publishing industries.....	(3)	(3)	(3)	(3)	(3)	(3)	
Chemicals and allied products.....	2, 102, 264	808, 743	1, 293, 521	2, 394, 894	789, 809	1, 605, 085	3
Petroleum and coal products.....	1, 197, 806	662, 887	534, 919	1, 251, 217	625, 207	626, 010	5
Rubber products.....	442, 640	217, 768	224, 872	444, 435	148, 580	295, 855	3
Leather and leather products.....	461, 230	143, 588	317, 642	577, 965	161, 392	416, 573	7
Stone, clay, and glass products.....	574, 738	253, 144	321, 594	681, 248	289, 098	392, 150	5
Primary metal industries.....	2, 209, 901	566, 899	1, 643, 002	2, 469, 760	560, 887	1, 908, 873	3
Fabricated metal products.....	1, 607, 862	414, 512	1, 193, 350	1, 946, 363	437, 477	1, 508, 886	3
Machinery (except electrical).....	3, 074, 280	1, 027, 197	2, 047, 083	3, 612, 415	1, 010, 792	2, 601, 623	3
Electrical machinery.....	1, 236, 860	302, 689	934, 171	1, 594, 365	317, 047	1, 277, 318	3
Transportation equipment.....	2, 130, 055	269, 047	1, 861, 008	2, 552, 058	293, 601	2, 258, 457	3
Instruments and related products.....	467, 103	126, 822	340, 281	557, 782	125, 939	431, 843	7
Miscellaneous manufactures ⁵	632, 369	211, 148	421, 221	772, 008	229, 636	542, 372	7

¹ Includes value of goods produced by contract work on materials owned by manufacturers reporting.

² Includes value of fuel and all other inventories. ³ Data not collected.

⁴ See text, p. 745, for explanation of standard error. Refers to total inventories columns. Standard errors for other columns are the same or one percent higher. ⁵ Includes "Ordnance and accessories."

Source: Department of Commerce, Bureau of the Census; *Annual Survey of Manufactures: 1949 and 1950*.

No. 936.—CANNED FRUIT AND VEGETABLE PRODUCTS—ANNUAL PRODUCTION: 1940-41 to 1951-52

[Standard cases (in millions). Data are for pack years and are partly estimated]

PRODUCT	1940-41	1941-42	1942-43	1943-44	1944-45	1945-46	1946-47	1947-48	1948-49	1949-50	1950-51	1951-52
Fruits, total¹	48.0	61.3	59.1	46.5	56.4	52.1	82.9	66.2	65.1	70.1	74.1	77.7
Apples	2.1	4.0	3.9	2.0	3.0	1.1	4.0	2.1	1.6	3.9	4.8	3.1
Applesauce	2.0	3.2	3.6	2.2	3.1	1.9	6.2	4.5	3.4	6.1	8.3	5.5
Apricots	2.2	4.3	3.3	1.3	7.8	4.4	10.7	3.3	4.8	2.4	3.7	4.6
Berries	1.3	1.9	1.4	1.0	5.4	.8	1.0	1.8	2.0	1.3	1.7	1.7
Cherries, red pitted	2.7	1.7	2.6	.6	2.6	1.1	2.4	1.8	2.7	2.6	3.8	3.6
Cherries, other	.6	.9	1.1	.9	.9	1.3	1.8	.6	.8	1.7	.7	.9
Cranberries	1.3	1.7	.8	1.1	.6	1.8	3.2	2.2	1.3	1.8	2.5	2.7
Figs	.5	.8	.8	1.0	.9	.7	1.2	.8	.6	.3	.5	.7
Grapefruit	2.3	3.2	.6	.6	.4	2.1	4.0	2.3	3.0	2.4	3.2	(2)
Mixed fruits	5.0	5.7	6.2	5.8	6.6	6.5	8.9	10.2	11.0	7.6	8.2	10.0
Peaches	11.3	14.4	16.2	11.6	13.6	14.8	20.0	19.0	17.4	19.1	16.6	22.8
Pears	5.5	6.6	6.2	4.7	4.5	4.7	5.2	5.7	4.0	5.9	6.4	6.6
Pineapple ²	8.8	9.2	9.9	10.2	9.1	7.9	8.4	9.4	10.8	10.8	11.3	10.9
Plums and prunes	1.3	2.5	1.7	2.4	1.8	2.5	4.2	2.3	1.0	2.1	1.0	2.3
Olives, ripe	1.1	1.2	.8	1.1	1.0	.9	1.9	1.0	.9	1.4	1.8	2.3
Juices, total⁴	57.7	63.0	76.0	80.7	96.7	110.6	110.0	102.3	99.7	90.9	98.1	54.8
Apple	.5	1.6	1.7	1.4	2.7	1.1	4.4	1.4	1.4	3.0	3.2	3.1
Apricot, peach, pear	(2)	(2)	.8	.2	.9	1.5	1.5	1.6	1.5	(2)	(2)	(2)
Grape	2.5	2.3	2.9	1.6	2.0	2.5	3.4	3.4	3.5	2.8	(2)	(2)
Grapefruit	16.2	12.9	24.0	26.6	22.0	26.4	17.6	17.5	14.3	12.2	18.3	(2)
Lemon	.3	.2	.2	(2)	(2)	.6	.4	.5	.5	.3	(2)	(2)
Orange	4.1	4.8	2.9	8.3	16.8	22.6	19.7	27.3	19.3	19.5	22.5	(2)
Orange-grapefruit	2.5	2.3	3.7	6.0	9.0	14.0	11.0	12.4	10.8	7.4	9.4	(2)
Pineapple ²	12.6	9.8	10.4	9.4	8.9	9.6	9.0	9.9	11.5	12.0	13.7	11.5
Prune	.2	.4	1.5	1.9	2.7	4.9	4.0	3.9	4.0	5.4	4.5	4.0
Other fruit	.9	1.4	.2	.2	1.3	3.5	(2)	(2)	(2)	(2)	(2)	(2)
Tomato	15.1	23.4	25.1	22.5	28.4	23.4	29.2	19.5	27.8	23.5	26.2	36.2
Other vegetable	2.8	4.0	2.8	2.6	3.1	4.0	6.3	(2)	(2)	(2)	(2)	(2)
Seasonal vegetables, total⁴	108.3	140.8	168.0	146.4	132.9	135.8	146.2	119.1	117.2	125.4	123.9	149.2
Asparagus	3.6	3.5	4.5	4.2	4.3	4.5	4.6	3.8	3.6	4.4	4.5	4.8
Beans, green and wax	10.1	15.8	25.2	23.3	18.6	17.5	18.3	13.1	15.2	20.6	21.0	19.4
Beans, lima	2.9	4.0	3.0	2.0	1.7	1.6	1.7	2.2	2.5	4.4	3.2	3.0
Beets	4.5	9.0	7.3	7.2	8.7	9.5	7.0	3.4	4.5	7.4	8.2	7.5
Carrots	2.2	2.9	3.0	3.1	3.1	3.6	3.7	1.0	3.1	1.8	1.9	2.2
Corn	16.7	28.9	32.6	29.3	25.4	28.7	31.0	26.1	31.5	29.8	18.2	25.6
Greens, leafy	.6	.9	1.4	1.2	1.0	3.0	1.5	.9	1.7	2.5	2.0	2.8
Mixed vegetables	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	2.3	1.9
Peas, field	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	1.1	1.0	1.4
Peas, green	26.8	31.9	36.9	36.4	31.7	39.7	40.9	33.1	23.4	23.5	20.1	33.0
Pimientos	.5	.3	.3	.2	.4	.5	.6	.5	.6	.6	1.2	.4
Pumpkin and squash	3.2	3.5	2.3	2.1	2.9	1.9	4.6	3.4	1.8	1.1	2.2	4.4
Spinach	5.5	5.5	9.9	7.7	9.0	8.4	8.4	3.9	5.0	6.7	5.6	7.6
Tomatoes	31.7	34.6	41.6	29.7	26.1	16.9	23.9	27.7	24.4	21.5	21.1	31.8
Other vegetable packs ⁶	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	2.4	2.5
Nonseasonal vegetables, total⁴	78.9	89.4	46.3	48.2	63.2	85.8	91.0	98.8	57.0	58.9	24.1	5.1
Beans, all dry varieties	30.0	34.5	10.5	15.1	26.5	34.7	35.0	37.1	(2)	(2)	(2)	(2)
Hominy	2.6	2.8	.6	.4	(2)	(2)	.5	4.3	4.5	4.8	(2)	(2)
Mushrooms	.8	.9	.4	.4	.4	.4	.5	.9	.6	.7	.6	.6
Sauerkraut	8.7	8.2	3.5	3.7	3.2	8.5	8.3	4.2	6.5	7.8	8.9	(2)
Spaghetti and macaroni	5.8	6.5	1.4	.1	1.1	(2)	(2)	6.2	(2)	(2)	8.7	(2)
Sweet potatoes	1.0	2.0	.9	1.2	1.7	3.1	4.2	1.7	1.8	3.1	4.3	3.2
Soups	30.0	34.5	27.7	23.0	29.7	39.1	43.0	43.5	42.0	41.0	(2)	(2)
White potatoes	(2)	(2)	1.3	4.3	1.6	(2)	(2)	.9	1.6	1.5	1.6	1.3
Tomato products⁴	18.6	21.6	23.4	29.0	33.5	33.8	45.0	35.7	27.4	23.5	26.0	46.9
Catsup and chili sauce	9.2	10.6	11.0	9.9	12.0	10.1	13.0	16.9	13.8	9.0	11.7	19.8
Paste and sauce	4.4	5.0	5.9	9.1	10.0	11.5	16.2	12.9	9.9	10.4	10.3	19.4
Pulp and puree	5.0	6.0	6.5	10.0	11.5	12.2	15.8	5.9	3.7	4.1	4.0	7.7
Canned baby foods, total⁷	22.5	29.2	44.2	56.8	77.5	104.1	120.2	90.0	126.7	122.1	130.2	119.6
Desserts	(2)	(2)	2.2	3.0	7.5	9.8	10.6	7.2	10.1	8.5	9.3	9.9
Fruits	(2)	(2)	13.8	15.7	26.6	38.9	45.0	34.8	41.6	49.6	49.3	44.9
Meat compounds	(2)	(2)	9.6	12.9	16.1	21.0	36.8	24.7	38.0	36.1	40.4	36.4
Vegetables	(2)	(2)	18.6	25.2	27.3	34.4	27.8	23.3	37.0	27.9	31.2	28.4

¹ Basis 24 No. 2½ cans.

² Not available.

³ Hawaiian pack plus receipts from Puerto Rico, except for 1950-51 which represents Hawaiian pack only.

⁴ Basis 24 No. 2 cans.

⁵ Included in "other fruit juices."

⁶ Succotash, triple succotash, carrots and peas, okra, okra and tomatoes.

⁷ Basis dozen cans.

⁸ Not shown separately to avoid disclosure of individual operations.

Source: Dept. of Commerce, National Production Authority. Data for recent years compiled mainly from annual pack statistics of National Canners Assn., Washington, D. C. Historical series (1944-45 and earlier) from Fruit and Vegetable Canning Industries, 1934-45 (Industrial Series 15), compiled in cooperation with Bureau of Census and Office of Price Administration.

NO. 937.—ETHYL ALCOHOL AND OTHER DISTILLED SPIRITS, EXCEPT BRANDY AND SPIRITS (FRUIT)—MATERIALS USED IN PRODUCTION, BY KINDS: 1901 TO 1951

YEARLY AVERAGE OR YEAR ENDING JUNE 30—	Molasses (thousand gallons)	GRAIN (THOUSANDS OF POUNDS) ¹				ETHYL SUL- PHATE	FINE- APPLE JUICE	OTHER MATERIALS ²	
		Corn	Malt	Rye	Other ³			Thousand gallons	Thousand pounds
1901-1905	14, 059	1, 094, 027	197, 602	303, 038	3, 340	-----	-----	-----	-----
1906-1910	30, 630	1, 114, 277	202, 720	280, 112	1, 893	-----	-----	-----	-----
1911-1915	71, 726	1, 183, 706	209, 194	275, 374	5, 029	-----	-----	-----	-----
1916-1920	109, 627	958, 003	125, 429	65, 139	5, 298	-----	-----	49, 457	-----
1921-1925	144, 652	259, 134	53, 592	5, 219	4, 854	-----	-----	42, 340	89, 387
1926-1930	239, 279	473, 682	29, 613	2, 722	1, 008	1, 274	-----	43, 546	58, 901
1931-1935	167, 264	480, 276	101, 133	245, 457	5, 252	10, 686	5, 671	8, 802	26, 606
1936-1940	183, 214	1, 398, 797	267, 247	466, 285	3, 179	31, 530	3, 449	12, 069	3, 195
1941-1945	240, 247	1, 652, 322	562, 455	348, 848	3, 069, 179	77, 809	2, 948	15, 085	49, 748
1946-1950	132, 504	1, 769, 024	381, 054	343, 640	604, 398	116, 613	3, 212	215, 945	660, 869
1911	44, 363	1, 301, 832	226, 968	301, 056	5, 096	-----	-----	-----	-----
1912	61, 605	1, 288, 952	228, 256	313, 600	4, 760	-----	-----	-----	-----
1913	64, 641	1, 335, 488	238, 168	326, 368	6, 160	-----	-----	-----	-----
1914	64, 721	1, 193, 696	220, 584	299, 152	4, 648	-----	-----	-----	-----
1915	123, 301	798, 560	131, 992	136, 696	4, 480	-----	-----	-----	-----
1916	80, 977	1, 795, 920	250, 936	174, 552	4, 592	-----	-----	71, 165	-----
1917	112, 498	1, 902, 458	287, 440	133, 000	4, 536	-----	-----	78, 463	-----
1918	118, 028	814, 520	94, 640	13, 944	9, 632	-----	-----	68, 527	-----
1919	123, 499	217, 840	32, 088	1, 400	4, 816	-----	-----	9, 801	-----
1920	113, 133	59, 248	12, 040	2, 800	2, 912	-----	-----	19, 327	-----
1921	119, 053	273, 840	51, 184	10, 528	1, 624	-----	-----	31, 101	-----
1922	97, 223	173, 208	45, 696	4, 760	56	-----	-----	74, 705	-----
1923	148, 711	173, 936	46, 536	280	-----	-----	-----	32, 543	12
1924	155, 001	271, 432	64, 568	5, 096	1, 120	-----	-----	35, 525	155, 756
1925	203, 270	403, 256	59, 976	5, 432	616	-----	-----	37, 824	112, 392
1926	267, 404	445, 088	36, 400	728	672	-----	-----	44, 508	46, 885
1927	211, 519	469, 448	28, 280	392	-----	-----	-----	40, 942	49, 469
1928	213, 630	346, 864	25, 368	392	504	-----	-----	56, 795	79, 576
1929	268, 045	548, 912	20, 720	448	-----	-----	-----	53, 884	53, 038
1930	235, 797	558, 096	37, 296	11, 648	1, 848	1, 274	-----	21, 601	65, 535
1931	187, 790	137, 424	36, 008	357, 560	1, 568	10, 072	5, 768	19, 802	30, 344
1932	161, 295	271, 488	28, 336	12, 208	18, 592	11, 146	4, 235	15, 072	20, 377
1933	117, 939	325, 808	31, 360	31, 584	336	8, 943	5, 255	6, 772	30, 265
1934	174, 031	580, 269	140, 848	252, 519	2, 663	9, 568	7, 491	1, 672	23, 797
1935	195, 266	1, 086, 392	269, 361	573, 413	3, 099	13, 699	5, 317	1, 190	28, 247
1936	179, 123	1, 782, 250	372, 421	718, 789	3, 716	24, 493	6, 790	8, 092	678
1937	208, 071	2, 029, 560	387, 312	651, 457	3, 673	25, 493	3, 598	12, 248	903
1938	166, 722	1, 110, 331	206, 625	339, 066	2, 689	26, 577	2, 007	27	456
1939	163, 223	1, 012, 868	183, 411	307, 742	3, 432	35, 389	1, 504	26, 177	1, 254
1940	198, 929	1, 059, 019	186, 468	314, 371	2, 383	45, 786	3, 256	13, 801	12, 623
1941	225, 349	1, 307, 455	231, 065	373, 997	2, 527	53, 400	1, 831	2, 365	18, 563
1942	286, 174	2, 236, 469	333, 155	384, 190	114, 806	71, 259	1, 988	2, 859	25, 907
1943	183, 039	2, 797, 530	558, 854	117, 008	2, 370, 391	78, 299	3, 237	3, 574	37, 136
1944	263, 889	320, 126	727, 200	217, 398	6, 393, 230	94, 467	4, 018	8, 680	70, 030
1945	242, 786	1, 600, 028	962, 002	651, 649	6, 464, 941	91, 621	2, 766	57, 949	97, 106
1946	117, 520	1, 370, 401	537, 373	463, 822	1, 968, 362	103, 306	2, 374	152, 899	648, 435
1947	73, 382	2, 651, 731	455, 336	237, 166	148, 398	106, 457	2, 880	222, 581	983, 782
1948	178, 502	1, 583, 653	344, 099	368, 989	617, 559	109, 245	4, 909	240, 189	274, 026
1949	161, 790	1, 716, 278	328, 247	375, 936	233, 767	131, 819	2, 566	249, 208	1,325,285
1950	131, 327	1, 523, 057	240, 216	272, 288	53, 902	132, 237	3, 331	205, 850	72, 516
1951	131, 206	2, 790, 404	564, 853	428, 736	1, 601, 429	148, 393	4, 404	202, 053	75, 229

¹ Conversion factor used was 56 pounds per bushel when reported in bushels.

² Wheat, barley, rice, sorghum grain, etc., also mixtures of corn, malt, and rye.

³ Diamalt, sulphite liquors, manioc meal, maguey juice, maple sirup, cider, corn sirup, potatoes, crude alcohols mixtures, cellulose pulp and chemical mixtures, ethylene gas, etc.

⁴ Average for 4 years.

⁵ Average for 3 years.

⁶ 1930 figure.

Source: Treasury Department: 1091 to 1933, Bureau of Industrial Alcohol; *Statistics Concerning Intoxicating Liquors*. 1934 and subsequent years, Bureau of Internal Revenue; annual and special reports.

No. 938.—DENATURED ALCOHOL:¹ 1910 TO 1951

YEAR ENDING JUNE 30—	Alcohol produced at industrial alcohol plants ²	Denaturing plants operated	Ethyl alcohol used for denaturation ³	DENATURED ALCOHOL PRODUCED ⁴		
				Total	Completely denatured	Specially denatured
	Proof gallons		Proof gallons	Wine gallons	Wine gallons	Wine gallons
1910.....		12	10,605,871	6,079,027	3,076,925	3,002,103
1915.....		23	25,411,719	13,986,469	5,386,647	8,599,822
1920.....	18,933,651	52	45,640,949	28,836,350	13,528,403	15,307,947
1925.....	166,165,518	91	152,254,039	81,808,273	46,983,970	34,824,303
1930.....	193,823,717	68	185,000,827	106,776,978	59,063,510	47,713,468
1935.....	180,645,920	39	165,233,606	97,031,074	38,746,679	58,284,395
1940.....	243,727,756	40	225,160,792	126,761,830	15,352,033	111,409,797
1945.....	683,431,544	65	971,446,910	527,095,537	33,087,533	494,008,004
1946.....	329,386,962	50	393,458,500	212,802,110	26,144,437	186,657,673
1947.....	248,798,639	49	358,029,989	183,744,086	36,395,715	147,348,371
1948.....	332,282,148	48	339,651,745	184,281,826	34,887,789	149,394,037
1949.....	351,016,364	47	323,925,950	174,494,703	10,221,492	164,273,211
1950.....	313,636,129	46	322,856,727	174,673,641	4,414,058	170,259,583
1951.....	444,935,011	48	455,999,873	245,437,178	1,438,564	243,998,614

¹ Includes data for Hawaii for all years and data for Puerto Rico beginning with Aug. 1, 1928.

² Separate accounts for alcohol produced at industrial alcohol plants required commencing May 1, 1920.

³ 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 1944, 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.

⁴ Prior to 1944 includes denatured rum.

⁵ Represents gross production. Net production (gross production minus products used in redistillation) for 1945, 650,089,874.

Source: Treasury Department, Bureau of Internal Revenue; *Annual Report of the Commissioner*.

No. 939.—ALCOHOLIC BEVERAGES—PRODUCTION, TAX-PAID WITHDRAWALS, AND STOCKS: YEARS ENDING JUNE 30, 1945 TO 1951

[Includes data for Alaska and Hawaii. See also *Historical Statistics*, series J 172 for production of fermented malt liquor]

CLASS	Unit	1945	1946	1947	1948	1949	1950	1951
Fermented malt liquor:								
Production.....	Thous. of bbl. ¹	86,604	84,978	87,857	91,291	89,736	88,807	88,976
Tax-paid withdrawals.....	do	79,591	81,287	82,629	86,993	85,809	83,512	83,246
Stocks on hand June 30.....	do	9,262	8,035	9,565	9,888	9,879	10,982	11,844
Distilled spirits, total:								
Production ²	Thous. of tax gal. ³	128,205	275,148	315,158	244,127	266,542	208,235	401,453
Tax-paid withdrawals ⁴	do	142,331	178,131	173,505	147,160	141,767	144,124	174,625
Stocks on hand June 30 ⁵	do	338,173	420,262	525,828	594,733	677,344	708,562	901,106
Whiskey:								
Production.....	do	41,562	147,465	167,995	129,597	149,595	118,760	205,702
Tax-paid withdrawals.....	do	63,891	63,227	58,823	53,603	52,675	60,499	76,442
Stocks on hand June 30.....	do	307,588	374,072	464,825	522,261	602,926	643,280	751,233
Rectified spirits and wines, production, total.....	Thous. of proof gal.	118,863	150,879	148,560	125,733	118,955	107,861	122,373
Whiskey, production.....	do	101,645	124,727	130,701	114,917	107,782	94,908	108,152
Still wines: ⁶								
Production ⁷	Thous. of wine gal. ⁸	314,983	379,936	515,335	314,328	425,925	297,857	425,821
Tax-paid withdrawals.....	do	88,792	107,965	102,212	110,114	119,107	133,055	123,233
Stocks on hand June 30 ⁹	do	102,725	102,014	160,211	147,708	162,586	127,000	133,978
Sparkling wines: ¹⁰								
Production.....	Thous. of half pints ¹¹	31,017	40,569	48,548	20,422	22,836	21,225	25,014
Tax-paid withdrawals.....	do	25,269	35,721	30,985	20,414	21,665	20,934	23,789
Stocks on hand June 30.....	do	22,634	24,498	39,491	36,465	34,859	32,387	30,904

¹ Barrels of 31 wine gallons.

² Excludes ethyl alcohol.

³ 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.

⁴ Excludes high-proof spirits and unfinished spirits produced at registered distilleries for industrial purposes.

⁵ Includes ethyl alcohol.

⁶ Excludes vermouth and other aperitif wines.

⁷ Production represents total amount removed from fermenters, including distilling material (substandard wines produced with excessive water or residue materials). In 1951, 289,521,298 gallons of distilling materials were produced.

⁸ Standard United States gallon.

⁹ Excludes distilling materials.

¹⁰ Includes champagne, other sparkling wines, and artificially carbonated wines.

¹¹ Tax is payable on each ½ pint or fraction thereof in each bottle or container.

Source: Treasury Department, Bureau of Internal Revenue; *Annual Report of the Commissioner*.

No. 940.—DISTILLED SPIRITS, MALT LIQUORS, AND WINES—APPARENT AVERAGE ANNUAL PER CAPITA CONSUMPTION IN THE CONTINENTAL UNITED STATES: 1850 TO 1951

[In gallons, except distilled spirits which is shown in tax gallons]

FISCAL YEAR	DISTILLED SPIRITS			MALT LIQUORS			WINES		
	Total	Domestic	Imported	Total	Domestic	Imported	Total	Domestic	Imported
1850.....	2.24	2.02	0.22	1.58	1.57	0.01	0.27	0.01	0.26
1860.....	2.86	2.67	.19	3.22	3.18	.04	.34	.06	.28
1870.....	2.07	1.89	.18	5.31	5.28	.03	.32	.08	.24
1871-80 ¹	1.39	1.35	.04	6.93	6.90	.03	.47	.31	.16
1881-90 ¹	1.24	1.31	.03	11.87	11.84	.03	.48	.39	.09
1891-95 ¹	1.37	1.35	.02	15.20	15.15	.05	.39	.32	.07
1896-1900 ¹	1.12	1.10	.02	15.53	15.49	.04	.36	.31	.05
1901-05 ¹	1.39	1.36	.03	17.34	17.29	.05	.47	.40	.07
1906-10 ¹	1.43	1.39	.04	19.81	19.73	.08	.62	.53	.09
1911.....	1.46	1.42	.04	20.69	20.61	.08	.67	.60	.07
1912.....	1.45	1.41	.04	20.02	19.95	.07	.58	.52	.06
1913.....	1.51	1.47	.04	20.72	20.64	.08	.56	.49	.07
1914.....	1.44	1.40	.04	20.69	20.62	.07	.53	.46	.07
1915.....	1.26	1.23	.03	18.40	18.37	.03	.33	.27	.06
1916.....	1.37	1.33	.04	17.78	17.76	.02	.47	.42	.05
1917.....	1.62	1.59	.03	18.17	18.15	.02	.41	.36	.05
1918.....	.87	.86	.01	14.77	14.76	.01	.49	.46	.03
1919.....	.79	.79	(²)	8.00	8.00	(²)	.51	.49	.02
1920.....	.22	.22	(²)	2.61	2.61	(²)	.12	.12	(²)
1921.....	.32	.32	(²)	-----	-----	-----	.19	.18	.01
1922 ¹.....	.18	.18	(²)	-----	-----	-----	.06	.05	.01
1923 ¹.....	.11	.11	(²)	-----	-----	-----	.13	.13	(²)
1924 ¹.....	.10	.10	(²)	-----	-----	-----	.08	.08	(²)
1925 ¹.....	.09	.09	(²)	-----	-----	-----	.08	.08	(²)
1926 ¹.....	.09	.09	(²)	-----	-----	-----	.05	.05	(²)
1927 ¹.....	.08	.08	(²)	-----	-----	-----	.04	.04	(²)
1928 ¹.....	.09	.09	(²)	-----	-----	-----	.04	.04	(²)
1929 ¹.....	.09	.09	(²)	-----	-----	-----	.09	.09	(²)
1930 ¹.....	.08	.08	(²)	-----	-----	-----	.08	.03	(²)
1931 ¹.....	.07	.07	(²)	-----	-----	-----	.05	.05	(²)
1932 ¹.....	.06	.06	(²)	-----	-----	-----	.04	.04	(²)
1933 ¹.....	.05	.05	(²)	1.56	1.55	.01	.01	.01	(²)
1934 ¹.....	.33	.30	.03	7.90	7.89	.01	.14	.12	.02
1935.....	.70	.67	.03	10.45	10.44	.01	.30	.28	.02
1936.....	.81	.78	.03	11.93	11.92	.01	.39	.37	.02
1937.....	1.03	.90	.13	13.47	13.45	.02	.52	.49	.03
1938.....	1.00	.89	.11	13.02	13.00	.02	.51	.48	.03
1939.....	.93	.84	.09	12.41	12.39	.02	.55	.52	.03
1940.....	1.02	.93	.09	12.58	12.57	.01	.66	.63	.03
1941.....	1.04	.96	.08	12.42	12.41	.01	.70	.68	.02
1942.....	1.13	1.06	.07	14.18	14.17	.01	.79	.78	.01
1943.....	1.11	1.00	.11	15.95	15.93	.03	.84	.83	.01
1944.....	1.03	.72	.31	17.97	17.92	.05	.73	.66	.07
1945.....	1.22	1.05	.17	18.86	18.79	.07	.78	.70	.08
1946.....	1.39	1.27	.12	18.56	18.47	.09	.87	.82	.05
1947.....	1.28	1.17	.11	18.08	18.02	.06	.77	.74	.03
1948.....	1.06	.97	.09	18.58	18.56	.02	.79	.77	.02
1949.....	1.02	.92	.10	18.05	18.03	.02	.85	.83	.02
1950.....	1.02	.92	.10	17.26	17.24	.02	.93	.91	.02
1951.....	1.23	1.09	.14	16.97	16.95	.02	.87	.84	.03

¹ Average for the period.

² Less than .005.

³ Includes quantities withdrawn for certain manufacturing, compounding, medicinal, and sacramental uses.

Source: Department of Commerce, National Production Authority; published in *World Trade in Commodities*. Data prior to 1922 published in the *Statistical Abstract*, 1921, p. 616.

No. 941.—TOBACCO PRODUCTS—PRODUCTION, BY KIND: 1901 TO 1950

[Compiled from monthly returns of manufacturers. Data relate to products manufactured in continental United States, excluding those manufactured in customs bonded manufacturing warehouses, class 6. There were 156,687,755 large cigars manufactured in these warehouses in 1950. Large cigars are those weighing more than 3 pounds per thousand. See also *Historical Statistics*, series J 174 for data on cigarettes]

CALENDAR YEAR OR YEARLY AVERAGE	TOBACCO AND SNUFF (THOUSANDS OF POUNDS)						CIGARS (THOUSANDS)		CIGARETTES (THOUSANDS)	
	Total	Plug	Twist	Fine cut	Smok- ing ¹	Snuff	Large	Small	Large	Small
1901-1905.....	346,841	175,981	11,903	138,402	20,556	6,513,095	716,720	7,143	3,227,606	
1906-1910.....	413,054	167,460	13,524	12,525	192,700	6,883,272	1,059,501	16,113	6,192,571	
1911-1915.....	437,346	158,529	15,017	10,795	221,865	7,087,530	1,053,654	15,695	14,802,416	
1916-1920.....	456,584	159,589	14,346	9,758	237,808	7,364,937	810,327	26,026	41,565,670	
1921-1925.....	409,457	115,445	10,105	6,972	239,151	6,991,913	557,300	16,704	65,903,991	
1926-1930.....	389,244	99,470	8,374	5,821	235,421	6,360,650	414,044	10,479	109,361,216	
1931-1935.....	349,785	64,662	5,404	3,660	239,072	4,648,368	245,412	20,417	121,702,676	
1936-1940.....	344,331	54,402	6,029	4,703	241,561	5,184,661	164,652	2,956	174,117,549	
1941-1945.....	327,473	56,967	6,223	4,535	217,829	5,457,472	125,370	23,938	285,475,536	
1936.....	347,977	59,165	6,372	5,068	239,349	5,172,279	180,006	2,458	158,893,958	
1937.....	340,579	58,331	6,774	4,999	233,334	5,308,369	198,585	3,066	169,969,320	
1938.....	345,369	54,495	5,659	4,572	243,470	5,014,758	152,990	2,638	171,686,383	
1939.....	343,307	51,263	5,733	4,701	243,640	5,197,627	156,940	4,369	180,666,824	
1940.....	344,423	48,759	5,605	4,176	248,011	5,235,271	134,788	2,249	189,371,258	
1941.....	342,427	50,230	5,614	5,069	241,897	5,610,176	146,711	1,790	217,934,925	
1942.....	330,413	54,300	6,024	5,084	224,002	5,840,805	133,150	2,503	257,520,833	
1943.....	327,089	58,945	6,257	4,460	214,249	5,363,027	125,480	6,111	296,173,363	
1944.....	306,935	61,655	6,498	4,092	192,728	5,198,679	123,340	26,870	323,583,888	
1945.....	330,502	59,704	6,723	3,970	216,271	5,274,675	98,167	82,416	332,164,670	
1946.....	253,231	51,810	5,773	3,756	152,531	5,617,700	92,262	1,658	505,038,093	
1947.....	242,283	47,306	5,152	3,793	146,869	5,487,656	79,690	537	369,682,769	
1948.....	244,681	45,346	5,632	3,207	149,887	5,485,104	89,134	641	368,825,746	
1949.....	238,942	41,903	5,586	2,757	147,788	5,452,994	83,460	707	384,961,695	
1950 ²	235,189	40,242	5,467	2,738	146,751	5,399,089	68,877	686	391,955,743	

¹ Includes scrap chewing tobacco.

² Number of factories on Jan. 1, 1951: Tobacco and snuff (excluding 171 "quasi" manufacturers), 285; cigars, 1,667; cigarettes, 48.

Source: Treasury Department, Bureau of Internal Revenue; *Annual Report of the Commissioner*.

No. 942.—TOBACCO, LEAF—AMOUNTS CONSUMED IN THE MANUFACTURE OF CIGARS, CIGARETTES, CHEWING AND SMOKING TOBACCO, AND SNUFF: 1896 TO 1950

[All figures in thousands of pounds. Figures represent the equivalent in unstemmed leaf tobacco of stemmed leaf or scraps, cuttings, and clippings. In the following table the tobacco used in the manufacture of cigars and cigarettes was converted on the basis of 3 pounds of stemmed leaf or scraps, etc., to 4 pounds of unstemmed beginning 1915 (conversion prior to 1915 was at the ratio of 3 to 5) and of tobacco and snuff beginning 1903. For 1896 to 1902, tobacco used in manufactured tobacco and snuff was shown only under two heads, namely, "leaf" and "scraps." It is probable that stemmed leaf was included with unstemmed tobacco under the head of "leaf" without the one kind being converted to the equivalent in the other. The conversion ratio of 3 to 4 was applied only to "scraps" for these years. Data exclude tobacco used in bonded manufacturing warehouses. See also *Historical Statistics*, series J 171, for annual total consumption]

CALENDAR YEAR OR YEAR- LY AVERAGE	Total	Cigars	Ciga- rettes	Tobacco and snuff	CALENDAR YEAR	Total	Cigars	Ciga- rettes	Tobacco and snuff
1896-1900.....	359,053	87,851	16,235	254,967	1937.....	872,924	128,653	479,961	264,309
1901-1905.....	451,461	124,411	12,444	314,606	1938.....	865,302	118,751	483,840	262,710
1906-1910.....	524,193	139,206	22,079	362,908	1939.....	885,299	122,681	509,133	253,485
1911-1915.....	578,283	151,890	62,207	374,186	1940.....	922,716	126,835	535,218	260,663
1916-1920.....	650,460	156,312	130,320	364,828	1941.....	1,009,085	136,066	626,842	246,178
1921-1925.....	672,077	151,421	198,069	322,588	1942.....	1,131,065	140,679	754,550	235,837
1926-1930.....	762,540	149,240	312,533	300,767	1943.....	1,228,703	131,896	860,459	236,349
1931-1935.....	740,934	112,296	345,985	282,652	1944.....	1,254,541	129,882	920,418	204,241
1936-1940.....	878,722	124,700	492,296	261,726	1945.....	1,291,176	128,390	944,286	218,499
1941-1945.....	1,182,914	135,383	821,311	228,221	1946.....	1,306,667	137,539	1,000,938	163,190
1933.....	710,668	104,699	326,093	279,876	1947.....	1,355,117	135,338	1,055,594	164,185
1934.....	775,530	111,123	375,383	289,024	1948.....	1,400,091	139,823	1,099,176	161,092
1935.....	775,932	113,742	399,458	262,731	1949.....	1,382,348	125,173	1,096,154	161,020
1936.....	847,367	126,578	453,327	267,462	1950.....	1,393,355	127,409	1,106,067	159,878

Source: Treasury Department, Bureau of Internal Revenue; *Annual Report of the Commissioner*.

No. 943.—COTTON MANUFACTURES—PRODUCTION BY KIND: 1939 TO 1951

[In thousands of linear yards]

PRODUCT	1939	1947	1948	1949	1950	1951 (prel.)
Cotton woven goods over 12 inches in width, except tire fabrics, total¹.....	8,287,249	9,816,769	9,640,375	8,406,351	10,012,686	10,073,943
Cotton duck.....	173,979	206,415	202,565	216,816	248,890	361,347
Narrow sheeting and allied coarse and medium yarn fabrics.....	1,585,034	2,368,084	2,016,813	1,764,965	2,025,071	2,093,054
Print-cloth yarn fabrics.....	2,999,356	3,229,025	3,456,936	3,153,320	3,663,449	3,682,331
Napped fabrics ²	451,412	502,393	479,254	328,737	398,614	768,228
Colored yarn cotton goods and related fabrics.....	683,659	751,749	805,511	653,162	860,318	719,808
Fine cotton-goods (all combed or part-combed cotton fabrics, including fabrics having rayon or other synthetic fiber or silk decorations and fine carded goods)....	1,036,206	1,312,582	1,294,387	1,009,935	1,218,381	1,230,216
Towels, toweling, washcloths, and terry-woven fabrics other than towels.....	482,641	408,606	367,103	349,788	453,662	415,235
Wide cotton fabrics.....	557,475	670,891	671,139	590,559	711,620	414,576
Specialties and all other fabrics.....	317,487	367,024	346,668	334,069	432,681	389,148

¹ All data for fabrics in the gray except 1939 blanket and blanketing data which are for finished fabrics.² 1948, 1949, and 1950 data exclude 12,787,000 yards, 10,172,000 yards and 14,351,000 yards, respectively, of blankets and blanketing, less than 25 percent wool produced on woolen and worsted looms. 1951 data include all chiefly cotton blankets, including those produced on woolen and worsted looms.³ Includes fabrics containing 51 percent or more cotton by weight, balance rayon.Source: Department of Commerce, Bureau of the Census; 1939 and 1947 Census of Manufactures reports, and *Facts for Industry*, Series M15A.

No. 944.—TIRE CORD AND FABRIC—PRODUCTION BY KIND: 1939 TO 1951

[In thousands of pounds]

PRODUCT	1939	1947	1948	1949	1950	1951 (prel.)
Tire cord and fabrics, total.....	260,473	565,261	536,177	435,401	523,033	603,899
Cotton.....	260,473	350,685	284,906	155,923	226,050	288,546
Tire cord fabrics woven (except chafer).....	145,969	285,076	182,205	96,597	126,806	168,874
Chafer fabrics and all other tire fabrics.....	17,420	65,609	62,413	41,644	60,655	65,124
Tire cord not woven.....	97,084	(¹)	60,378	17,682	38,589	54,548
Rayon and nylon.....	(²)	214,576	251,181	279,478	296,983	315,353
Tire cord fabrics and all other tire fabrics.....	(²)	188,938	251,181	234,872	246,901	315,353
Tire cord not woven.....	(²)	25,638		44,606	50,082	

¹ Included with tire cord fabrics woven.² Not available.Source: Department of Commerce, Bureau of the Census; 1939 and 1947 Census of Manufactures reports, and *Facts for Industry*, Series M15A.

No. 945.—COTTON-SYSTEM SPINDLES, COTTON CONSUMPTION, AND STOCKS: 1840 TO 1951

[Statistics for 1915 to 1949 relate to 12 months ending July 31 and those for prior years to 12 months ending Aug. 31. For 1946-51, spindles in place include all cotton-system spindles in place regardless of fiber spun. Prior to 1946, "in place" figure represents all spindles in place used exclusively for spinning cotton. Consumption and stocks are expressed in running bales, counting round as half bales, except that all figures, 1840 to 1870, inclusive, and foreign cotton for all years are in equivalent 500-pound bales. See also *Historical Statistics*, series J 179-180 for data on active cotton-system spindles in the U. S. and total cotton consumed including linters]

YEAR	COTTON-SYSTEM SPINDLES (THOUSANDS)					Active cotton spindle hours (millions)	COTTON CONSUMED, EXCLUDING LINTERS (THOUSANDS OF BALES) ²			
	Total in place	Active ¹					United States	Cotton-growing States	New England	Other States
		United States	Cotton-growing States	New England	Other States					
1840.....	(3)	2,285	181	1,597	505	(3)	237	71	159	7
1850.....	(3)	3,998	265	2,959	775	(3)	576	78	431	67
1860.....	(3)	5,236	324	3,859	1,053	(3)	845	94	567	134
1870.....	(3)	7,132	328	5,498	1,306	(3)	797	69	551	177
1880.....	(3)	10,653	561	8,632	1,460	(3)	1,570	189	1,129	252
1890.....	(3)	14,354	1,570	10,934	1,880	(3)	2,518	539	1,502	477
1900.....	(3)	19,472	4,368	13,171	1,933	(3)	3,873	1,523	1,909	440
1910.....	28,929	28,267	16,494	15,735	2,038	(3)	4,622	2,234	1,995	393
1920.....	35,834	35,481	15,231	18,287	1,963	(3)	6,420	3,583	2,397	440
1925.....	37,929	35,032	17,292	15,975	1,765	91,055	6,193	4,220	1,639	335
1930.....	34,025	31,245	18,586	11,351	1,308	87,515	6,106	4,749	1,143	214
1935.....	30,093	26,701	18,212	7,763	726	72,526	5,361	4,306	818	237
1940.....	24,750	23,586	17,641	5,279	666	97,006	7,784	6,647	918	219
1943.....	23,401	23,429	17,746 ³	5,043	641	120,709	11,100	9,640	1,156	305
1944.....	23,293	23,019	17,652	4,784	582	118,283	9,943	8,739	950	254
1945.....	23,128	22,675	17,610	4,511	554	111,898	9,568	8,455	891	222
1946.....	23,862	22,777	17,700	4,526	551	105,368	9,163	8,074	854	235
1947.....	23,824	22,519	17,502	4,541	476	114,727	10,025	8,776	968	281
1948.....	23,798	22,675	17,807	4,429	439	119,017	9,354	8,254	887	213
1949.....	23,501	20,134	16,491	3,276	367	98,217	7,795	6,986	644	165
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

YEARLY AVERAGE OR YEAR	CONSUMPTION (THOUSANDS OF BALES)						STOCKS IN CONSUMING ESTABLISHMENTS AT END OF YEAR (THOUSANDS OF BALES)				
	Cotton, excluding linters						Cotton, excluding linters ¹				
	Total	Domestic				Foreign	Linters	Total	Domestic	Foreign	Linters
		Total	Upland	Sea Island	American-Egyptian						
1906-1910.....	4,829	4,680	4,616	64	-----	149	163	731	673	58	739
1911-1915.....	5,257	5,051	4,976	75	(3)	206	293	822	738	84	86
1916-1920.....	6,388	6,105	6,034	71	(3)	232	784	1,452	1,352	100	179
1921-1925.....	5,869	5,577	5,531	9	37	292	599	1,003	911	92	159
1926-1930.....	6,735	6,434	6,419	1	15	301	815	1,150	1,050	100	186
1931-1935.....	5,466	5,325	5,311	1	14	140	720	1,116	1,061	55	261
1936-1940.....	6,938	6,799	6,780	2	18	139	836	7,133	7,090	74	375
1941-1945.....	10,301	10,151	10,105	3	42	149	1,399	10,354	10,233	121	391
1943.....	11,100	10,930	10,874	6	50	170	1,301	9,792	9,704	88	465
1944.....	9,943	9,829	9,782	3	44	114	1,365	10,159	10,041	118	335
1945.....	9,568	9,448	9,404	1	44	120	1,481	10,339	10,215	124	247
1946.....	9,163	8,966	8,946	1	19	-197	1,055	6,746	6,593	153	255
1947.....	10,025	9,765	9,755	1	9	260	984	2,810	2,178	132	201
1948.....	9,354	9,109	9,101	2	5	246	1,156	2,806	2,717	89	190
1949.....	7,795	7,634	7,629	1	4	161	1,406	5,031	4,962	69	237
1950.....	8,851	8,669	8,666	1	2	182	1,616	6,496	6,399	97	208
1951.....	10,654	10,487	10,452	1	34	167	1,396	1,371	1,313	58	171

¹ For 1946 and earlier years data represent sum of greatest number of cotton spindles reported by each mill as active at any time during year, regardless of length of time operated. Beginning with 1946, active figure includes all cotton-system spindles active last day of year, regardless of type of fiber spun. On August 4, 1951, there were 20,834,000 spindles active on cotton, 1,074,000 on synthetics, 182,000 on other fibers and blends, and 1,055,000 idle.

² Includes linters for 1840 to 1908. Figures for all years include foreign and domestic cotton.

³ Not available. ⁴ Cotton mills only.

⁵ Includes stocks held in public storage and at compresses beginning 1938.

⁶ Includes linters for 1906 to 1908. ⁷ Average, 1909 and 1910.

⁸ "Upland" includes "American-Egyptian" beginning 1912 (first year produced).

Source: Department of Commerce, Bureau of Census; annual report *Cotton Production and Distribution*.

No. 946.—COTTON-SYSTEM SPINDLE ACTIVITY, 1949, 1950, 1951, AND COTTON CONSUMPTION, 1947 TO 1951, BY REGION AND STATE

[Years ending July 31. Consumption includes domestic and foreign cotton and is in running bales counting round as half bales, except foreign cotton which is in equivalent 500-pound bales]

REGION AND STATE	COTTON SPINDLES IN PLACE (THOUSANDS) ¹			ACTIVE COTTON SPINDLE HOURS (MILLIONS)			COTTON CONSUMED, EXCLUDING LINTERS (THOUSANDS OF BALES)				
	1949	1950	1951	1949	1950	1951	1947	1948	1949	1950	1951
United States.....	23,501	22,995	23,195	98,217	109,243	126,852	10,025	9,354	7,795	8,851	10,654
Cotton-growing States.....	18,338	18,244	18,545	83,875	92,746	107,474	8,776	8,254	6,986	8,030	9,642
New England.....	4,698	4,332	4,241	13,115	15,274	18,043	968	887	644	664	840
Other States.....	465	419	409	1,227	1,223	1,335	281	213	165	157	172
Alabama.....	1,769	1,693	1,732	8,270	9,127	10,836	1,238	1,106	945	1,088	1,312
Connecticut.....	488	490	467	1,026	1,310	1,814	65	61	48	56	72
Georgia.....	3,243	3,194	3,225	14,583	16,317	19,288	2,116	1,927	1,600	1,879	2,370
Maine.....	632	631	625	2,513	2,829	3,253	165	170	147	170	207
Massachusetts.....	2,613	2,263	2,193	6,929	7,579	8,980	525	476	340	310	392
New York.....	262	218	6,069	699	666	688	100	96	71	61	66
North Carolina.....	5,910	5,975	691	24,570	27,651	32,614	2,576	2,524	2,098	2,433	2,870
Rhode Island.....	699	698	210	1,646	2,374	2,556	96	89	53	69	84
South Carolina.....	5,666	5,679	5,839	29,209	31,613	35,332	2,028	1,962	1,740	1,953	2,276
Tennessee.....	556	554	527	2,657	2,780	3,118	214	215	179	200	235
Texas.....	245	209	213	864	963	1,164	200	155	144	153	175
Virginia.....	649	650	649	2,565	3,086	3,563	221	211	154	186	233
All other States.....	769	741	755	2,686	2,939	3,646	481	362	276	293	362

¹ Includes all cotton-system spindles in place regardless of fiber spun.

Source: Department of Commerce, Bureau of Census; annual report, *Cotton Production and Distribution*.

No. 947.—COTTON AND RAYON WOVEN GOODS, BLEACHED, DYED OR PRINTED: 1943 TO 1950

[In thousands of linear yards. Data cover bleaching, dyeing, and printing of cotton and rayon woven textiles]

PRODUCT	1943	1946	1947	1948	1949	1950 (prel.)
Bleached, dyed or printed goods.....	9,034,432	8,648,290	8,915,147	8,840,437	8,290,712	9,328,681
Cotton.....	7,403,108	6,922,822	6,944,456	6,779,692	6,239,821	7,058,493
Rayon ¹	1,631,324	1,725,468	1,970,691	2,060,745	2,050,891	2,270,188
Bleached and white finished goods.....	3,900,383	3,578,225	3,814,867	3,529,268	2,980,233	3,466,795
Cotton.....	3,681,604	3,379,892	3,616,001	3,316,637	2,812,950	3,291,870
Rayon ¹	218,779	198,333	198,866	212,631	167,283	174,925
Plain dyed and finished goods.....	3,533,410	3,037,150	3,176,320	3,340,402	3,505,218	3,950,245
Cotton.....	2,479,416	1,871,852	1,757,386	1,819,096	1,942,034	2,166,113
Rayon ¹	1,053,994	1,165,298	1,418,934	1,521,306	1,563,184	1,784,132
Printed and finished goods².....	1,600,639	2,032,915	1,923,969	1,970,767	1,805,261	1,911,641
Cotton.....	1,242,088	1,671,078	1,571,069	1,643,959	1,484,837	1,600,510
Rayon ¹	358,551	361,837	352,891	326,808	320,424	311,131

¹ Rayon fabrics are defined as fabrics containing 51 percent or more rayon by weight. Rayon means synthetic yarns made by viscose, cuprammonium and cellulose acetate processes. An unknown quantity of fabrics made from nylon and other synthetic fibers are also included in the rayon yardage.

² Includes roller, screen, flock and block printed fabrics.

Source: Department of Commerce, Bureau of Census; 1947 Census of Manufactures reports and *Facts for Industry*, Series M15G.

No. 948.—RAYON BROAD WOVEN FABRICS—PRODUCTION, BY TYPE: 1947 TO 1951

[Data cover production of rayon broad woven fabrics containing by weight 51 percent or more rayon. Fabrics containing 25 percent or more wool by weight, however, are classed as woolen mixtures and are not included for 1947-1950. Beginning with 1951 fabrics are classified by chief fiber content]

[In thousands of linear yards]

PRODUCT	1947	1948	1949	1950	1951 (prel.)
Rayon broad woven fabrics, total ¹	1,976,835	2,186,634	1,957,105	2,406,205	2,069,149
100 percent filament rayon fabrics, total	1,236,805	1,356,393	1,296,675	1,601,282	1,283,491
Flat fabrics, total	652,252	738,525	756,141	860,375	766,921
Bright viscose taffetas	50,828	50,417	49,214	53,561	56,120
Pigment viscose taffetas	103,706	139,442	128,871	151,189	120,666
Acetate taffetas	76,516	116,818	163,998	201,561	193,701
Cross-dyed taffetas	13,281	12,051	7,245	9,898	17,776
Jersey weaves	5,559	(2)	(2)		(2)
Sharkskins	15,530	13,782	10,341	4,058	4,568
Twills and serges	169,325	172,035	158,758	200,296	175,791
Viscose satins	26,331	23,704	27,647	23,992	17,453
Acetate satins	142,254	154,495	159,018	165,506	127,725
All other flat fabrics	48,922	55,181	54,049	50,344	53,221
Twisted yarn fabrics, total	584,553	617,868	540,534	740,907	516,570
Crepe satins	28,258	27,742	19,906	28,692	18,718
Flat, faille and canton crepes	111,964	139,015	151,555	193,701	116,758
French crepes	119,856	126,990	136,370	168,275	111,718
Plied yarn fabrics, plain weave	118,393	136,431	72,840	125,012	74,892
Plied yarn fabrics, fancy weave	46,422	34,859	7,879	10,183	7,416
Marquisettes	57,959	53,087	78,816	87,922	92,364
Ninons and voiles	39,082	33,428	22,755	37,669	31,866
Other sheers (georgettes, triplesheers, etc.)	49,896	54,109	43,720	79,663	52,400
All other twisted yarn fabrics	12,723	11,607	6,693	9,790	10,438
100 percent spun rayon fabrics, total	332,451	380,746	340,603	434,085	406,688
Twills (including serges, gabardines, etc.)	86,429	117,719	166,678	251,848	248,781
Ribbed and corded fabrics (poplins, bedford cord, etc.)	(3)	(3)	3,894	5,534	3,778
Challis	59,974	48,987	72,318	49,816	(3)
Linen type flakes	25,672	33,690	14,140	37,663	35,627
Plied yarn fabrics	55,860	53,888	26,981	35,952	40,951
All other 100 percent spun rayon fabrics	104,516	126,462	56,592	53,272	77,551
Combination filament and spun rayon fabrics, total	178,982	253,873	184,533	202,450	190,138
Poplins and failles	67,850	92,402	62,351	74,180	64,992
Shantungs	23,750	34,091	15,176	22,533	19,301
Fujis	66,440	53,000	26,503	18,890	14,495
All other filament and spun rayon	21,442	74,380	80,503	86,847	91,350
Pile, upholstery, drapery, tapestry, and tie fabrics, total ¹	57,060	38,576	29,860	37,763	35,404
Velvets, plushes and other pile fabrics	14,587	11,417	9,300	12,784	12,719
Upholstery, drapery, and tapestry fabrics	21,273	9,948	7,151	11,957	13,315
Yarn-dyed tie fabrics	13,282	9,280	6,544	4,212	3,329
Non-yarn-dyed tie fabrics	7,918	7,931	6,865	8,810	6,041
All other rayon mixtures, total	171,537	157,046	105,434	130,625	153,428
Rayon and wool	33,038	31,093	23,158	7,931	21,900
Filament rayon and cotton	55,279	61,019	49,323	50,037	41,930
Spun rayon and cotton	48,360	38,985	19,028	41,888	40,012
Rayon and other fibers	34,860	25,949	13,925	30,769	49,586
Silk, nylon, glass, and other fabrics, total ⁴	61,673	80,204	145,264	201,312	276,092
100 percent nylon fabrics	21,881	32,658	92,997	110,233	153,273
100 percent silk fabrics	9,086	17,918	15,380	28,213	25,538
Other woven fabrics, not classified above	29,806	29,628	36,887	62,866	97,281

¹ Includes estimated production for a few mills not reporting; estimates distributed by fabric classification.

² Included with "All other flat fabrics" to avoid disclosing data for individual establishments.

³ Included with "All other 100 percent spun rayon fabrics" to avoid disclosing data for individual establishments.

⁴ Fabrics containing 51 percent or more rayon by weight, without separation as to type of yarn used; includes filament rayon, spun rayon and mixtures of rayon and other fiber.

⁵ Includes fabrics made of casein, other synthetic fibers and mixtures of rayon and other fibers containing less than 51 percent of rayon.

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports, and *Facts for Industry*, Series M15C.

No. 949.—WOOL MANUFACTURING EQUIPMENT, BY TYPE: 1899 TO 1947

[Represents equipment in possession of wool manufacturing establishments, regardless of condition. 1943 data based on reports of machinery "in place," and include estimates of number in possession but not in place. Data for 1899, 1914, and 1929 exclude mills whose product was valued at less than \$500 in 1899 and 1914, and less than \$5,000 in 1929; 1943 and 1947 include all mills, regardless of size]

TYPE	1899	1914	1929	1943	1947
Rag pickers ¹	(2)	1,769	1,495	1,346	-----
Garnetts ¹	(2)	413	437	577	-----
Cards (sets), except shoddy cards	(2)	(2)	8,831	7,172	-----
Woolen	7,766	6,819	6,610	5,247	-----
Worsted ¹	(2)	(2)	2,221	1,925	-----
Corns	1,451	2,425	2,661	2,613	2,523
Spinning spindles, total	3,220,792	4,307,365	4,850,608	3,642,902	3,022,872
Woolen ¹	2,225,893	2,079,626	2,303,297	1,661,818	1,166,042
Worsted	994,899	2,227,739	2,547,401	1,981,084	1,856,830
Twisting spindles, total ¹	442,672	876,783	917,146	798,220	-----
Woolen	98,252	91,792	95,778	144,030	-----
Worsted	344,420	784,991	821,368	654,190	-----
Looms, except carpet and rug ²	63,294	76,789	69,554	43,210	35,448
Carpet and rug looms	9,796	9,821	10,267	6,557	5,683

¹ Data for 1899, 1914, and 1929 include estimates to provide for these machines in knitting mills. 1929 data also include estimates on number of woolen spinning spindles and worsted cards in knitting mills.

² Data not available.

³ 1943 and other years not strictly comparable. Census of Manufactures for 1899, 1914, 1929, and 1947 called for a report on looms from those mills whose principal products were wool and hair goods while 1943 inquiry covered all mills consuming weaving yarns spun on woolen or worsted spinning spindles. Includes pile fabric looms conforming with these definitions.

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports, and *Facts for Industry*, Series M15H.

No. 950.—WOOL MANUFACTURING EQUIPMENT IN PLACE, 1943 TO 1951, AND BY REGION AND STATE, 1949

[Machinery in place is that which is set up in operating position]

YEAR, REGION, AND STATE	Worsted combs	Woolen spinning spindles	Worsted spinning spindles	Woolen and worsted looms	WOOL CARPET AND RUG LOOMS	
					Broad	Narrow
1943	2,582	1,653,550	1,957,593	42,213	2,422	3,488
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	2,807	1,236,109	1,791,634	34,749	2,243	2,219
1949						
United States	2,720	1,423,860	1,836,744	37,493	2,307	2,901
New England	1,915	749,919	1,266,740	21,695	880	-----
Connecticut	(1)	128,573	(1)	2,083	(1)	-----
Maine	(1)	138,332	84,500	3,417	(1)	-----
Massachusetts	1,185	279,789	618,536	8,830	(1)	-----
New Hampshire	(1)	112,045	53,520	2,618	(1)	-----
Rhode Island	601	48,886	472,876	3,947	(1)	-----
Vermont	(1)	42,294	(1)	800	(1)	-----
Middle Atlantic	671	339,539	414,130	8,090	3,909	-----
New Jersey	403	53,957	153,622	2,324	458	-----
New York	74	173,845	67,668	1,814	2,050	-----
Pennsylvania	194	111,737	192,840	3,952	1,401	-----
Southern ²	(1)	165,756	95,838	4,654	(1)	-----
North Central ³	80	138,854	46,100	2,532	(1)	-----
Western ⁴	(1)	29,792	13,936	522	-----	-----

¹ Not shown separately to avoid disclosing information for individual establishments.

² Ala., Del., Ga., Ky., N. C., S. C., Tenn., Texas, Va., W. Va., Md., and Okla.

³ Ill., Ind., Iowa, Mich., Minn., Mo., Ohio, S. Dak., and Wis.

⁴ Calif., Oreg., Utah, Wash., and Wyo.

Source: Department of Commerce, Bureau of the Census; *Facts for Industry*, Series M15H.

No. 951.—KNIT GOODS: CLOTH, UNDERWEAR, AND OUTERWEAR—PRODUCTION BY TYPE: 1947 TO 1950

PRODUCT	Unit	1947	1948	1949	1950
Knit cloth for sale, total.....	Million pounds.....	152.6	(1)	147.8	159.4
Warp knit fabrics.....	do.....	41.5		42.9	47.1
Circular knit fabrics.....	do.....	111.1		104.9	112.3
Knit underwear and nightwear:					
Made from warp knit fabrics, all fibers.....	Thousand dozens.....	7,708	9,129	15,496	16,617
Made from circular knit fabrics:					
Rayon, silk, and synthetics.....	do.....	10,932	11,377	13,326	12,371
Cotton and wool.....	do.....	40,557	(1)	37,076	43,271
Knit underwear:					
Sweaters, jackets, and jerseys.....	do.....	6,677	7,946	7,573	8,733
Bathing suits and trunks.....	do.....	500	331	355	328
Knit headwear and neckwear.....	do.....	1,556	1,515	1,375	1,599

¹ Not available.

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports and *Facts for Industry*, Series M15K, M67C, and M67G.

No. 952.—WOMEN'S, MISSES', AND JUNIORS' OUTERWEAR: 1939 TO 1951

TYPE OF GARMENT	Unit	GARMENTS CUT					
		1939	1947	1948	1949	1950	1951 ¹
Blouses.....	1,000 dozens.....	2,886	7,496	7,851	9,329	10,764	12,569
Unit price dresses.....	1,000 units.....	194,383	127,791	134,951	147,023	139,607	136,622
Dozen price dresses.....	do.....		75,456	92,088	105,936	9,097	8,512
Suits.....	do.....		4,237	14,352	15,643	18,048	17,307
Skirts.....	1,000 dozens.....	1,084	2,020	2,907	3,691	4,784	5,340
Untrimmed coats.....	1,000 units.....	17,428	18,956	22,936	22,022	22,598	21,499
Fur-trimmed coats.....	do.....		1,924	2,638	1,927	2,105	2,203

¹ Preliminary.

Source: Department of Commerce, Bureau of Census; 1947 Census of Manufactures reports and *Facts for Industry*, Series M67H.

No. 953.—MEN'S AND BOYS' CLOTHING—SELECTED GARMENTS CUT: 1937 TO 1951

[Leaders indicate comparable data not available]

TYPE OF GARMENT AND UNIT OF MEASURE	1937	1939	1947	1948	1949	1950	1951 ¹
Suits..... thousands.....	23,743	27,354	28,882	26,050	22,437	27,145	-----
Men's and youths'..... do.....	20,733	24,737	26,428	23,412	19,497	23,695	19,436
Boys'..... do.....	3,010	2,617	2,454	2,638	2,940	3,450	-----
Separate trousers..... do.....	-----	-----	60,905	53,230	58,603	65,819	-----
Separate coats..... do.....	-----	-----	5,286	6,272	7,300	8,855	-----
Men's and youths'..... do.....	-----	-----	4,760	5,302	5,767	7,039	-----
Boys'..... do.....	-----	-----	526	970	1,533	1,816	-----
Dress and sport shirts, men's and youths'..... thousand dozens.....	12,027	13,362	17,042	16,461	16,462	18,100	16,547
Overalls..... do.....	4,114	3,973	6,807	7,271	8,190	9,824	-----
Men's and youths'..... do.....	-----	-----	4,241	4,270	4,755	6,100	5,137
Boys'..... do.....	-----	-----	2,566	3,001	3,435	3,724	-----
Work shirts (includes flannel)..... do.....	6,062	6,850	5,815	5,113	5,774	5,796	-----
Men's and youths'..... do.....	-----	-----	4,959	4,648	5,429	5,471	5,182
Boys'..... do.....	-----	-----	856	465	345	325	-----

¹ Preliminary.

² Includes polo, tennis, and basque shirts of knitted fabrics.

Source: Department of Commerce, Bureau of the Census; monthly data published in *Facts for Industry*, Series M67B.

No. 954.—HOSIERY—PRODUCTION, BY TYPE: 1945 TO 1951

[Thousands of dozens of pairs]

TYPE	1945	1946	1947	1948	1949	1950	1951
Total, all types	135,841	157,383	149,545	147,027	144,512	160,486	154,750
Women's full-fashioned, total.....	34,740	40,823	38,875	44,706	45,228	51,585	51,183
Silk.....	(1)	1,989	1,098	403	313	229	190
Nylon.....	3,056	26,397	33,494	42,867	44,569	51,032	50,740
Rayon.....	31,444	11,401	3,919	1,239	187	111	98
Cotton.....	162	347	300	143	134	196	141
All other yarns.....	78	189	64	54	25	17	14
Seamless, total (including men's full-fashioned).....	101,100	117,060	110,669	102,321	99,284	108,901	103,567
Women's seamless, total.....	7,420	9,832	11,246	8,517	7,695	7,449	7,651
Silk.....			3	42	25	3	
Nylon.....	216	2,692	3,843	3,796	3,630	4,303	4,885
Rayon.....	3,972	3,819	3,084	1,638	1,476	1,161	1,104
Cotton.....	2,474	2,549	3,318	2,373	2,231	1,619	1,360
Wool.....	77	105	105	108	77	80	59
Ribbed hose.....	681	667	893	560	256	283	243
Men's full-fashioned.....	118	171	129	105	70	35	37
Men's seamless half-hose, total.....	35,030	26,734	24,662	16,131	14,430	14,023	13,977
Silk.....		69	19	21	8	4	2
Nylon.....	6	230	450	295	484	605	559
Rayon.....	8,180	8,566	8,634	6,140	4,375	4,281	3,631
Cotton.....	14,875	13,182	12,156	7,953	7,587	7,271	7,518
Wool.....	11,969	4,687	3,401	1,722	2,006	1,862	2,267
Men's slack socks, total.....	13,564	21,885	21,911	25,939	26,507	32,438	30,136
Silk.....		40	49	83	4	4	11
Nylon.....	(2)	140	648	828	2,280	3,038	3,241
Rayon.....	(2)	6,491	8,143	9,444	6,756	7,802	6,850
Cotton.....	(2)	12,007	11,657	14,609	10,457	20,291	18,895
Wool.....	(2)	3,206	1,414	1,025	1,010	1,303	1,139
Cotton bundle goods.....	5,248	5,216	5,627	6,077	5,311	5,511	5,212
Woolen bundle goods.....	3,704	2,104	1,830	1,747	1,642	1,547	1,834
Athletic socks.....	947	2,302	1,610	1,806	2,108	2,354	2,007
Crew socks.....	(3)	3,528	3,239	2,785	2,994	3,082	2,810
Slipper socks.....						440	493
Children's and infants'.....	6,281	8,150	8,221	8,408	8,563	9,465	9,833
Anklets, total.....	28,888	37,138	32,195	30,806	29,964	32,557	29,457
Misses' and women's.....	18,816	25,012	16,680	13,449	14,099	14,183	13,251
Men's and boys'.....	1,986	3,015	3,673	3,382	3,245	4,190	3,837
Children's.....	(4)	(4)	5,809	6,750	6,690	8,130	6,703
Infants'.....	8,085	9,111	6,033	7,225	5,930	6,054	5,666

1 Less than 500 dozens. 2 Not available. 3 Included with men's slack socks.

4 Included with infants' anklets.

Source: National Association of Hosiery Manufacturers, New York, N. Y.; published annually in *Hosiery Statistics*.

No. 955.—SHOES AND SLIPPERS (EXCEPT RUBBER FOOTWEAR)—PRODUCTION BY CLASS: 1939 TO 1951

[Thousands of pairs]

CLASS	1939	1947	1948	1949	1950	1951
Total	435,259	484,964	479,630	475,593	512,374	469,599
Dress and work shoes	361,578	398,084	425,268	337,659	366,308	340,500
Men's dress, including moccasin type dress shoes.....	76,637	84,957	105,353	70,938	75,156	71,581
Men's work, including moccasins.....	28,125	21,786	17,265	25,955	26,700	33,501
Youths' and boys'.....	17,316	19,829	13,537	13,575	16,580	14,446
Women's, including sandal type dress shoes.....	168,777	182,816	205,302	142,278	158,488	141,444
Misses', including sandal type dress shoes.....		27,026	130,537	25,349	26,890	22,220
Children's.....	46,091	26,262	128,373	22,328	24,595	22,217
Infants'.....		20,906	122,250	20,494	24,210	21,608
Babies'.....		24,632	14,502	13,642	19,680	12,303
Slippers for housewear.....	49,663	47,652	47,632	54,735	55,536	47,458
Athletic shoes.....	4,144	4,233	3,962	3,193	3,644	2,759
Play shoes.....			(5)	77,052	82,536	74,978
Footwear, not specified by kind.....	19,874	3,156	2,768	2,954	4,350	3,906

1 Includes sandals and play shoes. 2 Included with dress and work shoes.

Source: Department of Commerce, Bureau of the Census; 1939 and 1947 Census of Manufactures reports, and *Facts for Industry*, Series M68A.

No. 956.—CHEMICALS—PRODUCTION, BY KIND, 1939 TO 1951

[Data for chemicals shown are restricted to a selected group comprised for the most part of inorganic chemicals and related products which are sufficiently important economically to justify publication. Data for production by Government-owned arsenals, ordnance works, and certain plants operated for Government by private industry are excluded, except that data for chemicals manufactured by Tennessee Valley Authority are included.]

CHEMICAL AND BASIS	Unit	1939	1947	1949	1950	1951
Ammonia, synthetic anhydrous.....	Short tons.....	310,822	1,114,000	1,294,057	1,565,569	1,771,774
Ammonium nitrate, original solution (100% NH_4NO_3).....	do.....	(?)	1,086,869	1,018,706	1,213,911	1,317,127
Ammonium sulfate, synthetic (technical) *.....	do.....	(?)	195,848	846,194	1,137,721	613,780
Calcium arsenate (100% $\text{Ca}_3(\text{AsO}_4)_2$).....	do.....	420,674	23,452	8,003	22,674	19,371
Calcium carbide (commercial).....	do.....	(?)	607,113	605,356	671,492	775,284
Calcium phosphate:						
Monobasic (100% $\text{CaH}_2(\text{PO}_4)_2$).....	do.....	37,038	36,898	(?)	39,472	(?)
Dibasic (100% CaHPO_4).....	do.....	(?)	41,323	(?)	53,046	38,421
Carbon, activated *.....	do.....	16,168	35,548	33,558	37,921	41,559
Carbon dioxide:						
Liquid and gas.....	do.....	(?)	117,600	142,638	200,380	159,266
Solid (dry ice).....	do.....	178,447	360,200	409,136	439,526	481,655
Chlorine, gas ¹	do.....	514,401	1,443,219	1,767,029	2,084,161	2,510,820
Chrome green (C. P.).....	do.....	5,014	6,991	5,128	7,688	7,196
Chrome yellow and orange (C. P.).....	do.....	819,466	23,235	18,161	27,098	31,046
Hydrochloric acid (100% HCl).....	do.....	123,831	442,558	493,989	618,784	686,175
Hydrofluoric acid, anhydrous and technical (100% HF).....	do.....	7,421	27,933	26,528	35,174	41,886
Hydrogen.....	Mil. cu. ft.....	(?)	21,185	29,657	45,163	59,119
Lead arsenate (acid and basic).....	Short tons.....	29,784	15,503	8,433	19,717	13,725
Methanol (natural) (100% CH_3OH).....	M gallons.....	4,005	2,598	2,030	2,082	2,010
Molybdate chrome orange (C. P.).....	Short tons.....	(?)	2,238	2,642	3,905	4,020
Nitric acid (100% HNO_3).....	do.....	167,740	1,189,411	1,129,521	1,335,718	1,498,228
Oxygen.....	Mil. cu. ft.....	(?)	14,429	14,502	17,848	21,817
Phosphoric acid:						
Total (50% H_3PO_4).....	Short tons.....	(?)	1,012,971	1,394,544	1,640,599	1,846,841
From phosphorus (50% H_3PO_4).....	do.....	(?)	529,848	716,944	814,668	911,361
From phosphate rock (50% H_3PO_4).....	do.....	(?)	483,123	677,600	825,931	935,480
Silver nitrate (100% AgNO_3).....	M ounces.....	(?)	38,336	41,025	55,549	58,452
Soda ash (commercial sodium carbonate):						
Ammonia soda process—						
Total wet and dry (98-100% Na_2CO_3) ¹⁰	Short tons.....	2,826,000	4,524,668	3,916,016	3,991,199	5,093,927
Finished light (98-100% Na_2CO_3) ¹¹	do.....	2,206,590	2,051,405	2,049,806	2,049,806	2,575,677
Finished dense (98-100% Na_2CO_3).....	do.....	1,629,406	1,324,924	1,324,924	1,410,110	1,802,022
Natural (Na_2CO_3 equivalent) ¹²	do.....	121,858	276,428	203,264	338,379	346,385
Sodium bicarbonate (refined) (100% NaHCO_3).....	do.....	150,913	180,596	153,787	146,906	167,244
Sodium bichromate and chromate.....	do.....	58,164	90,285	75,652	89,829	130,583
Sodium hydroxide (caustic soda): ¹⁴						
Electrolytic process—						
Liquid (100% NaOH).....	do.....	512,492	1,353,429	1,656,788	2,005,420	2,429,778
Solid (100% NaOH).....	do.....	247,054	257,418	257,418	316,816	415,396
Lime-soda process—						
Liquid (100% NaOH).....	do.....	532,914	749,721	566,230	505,300	668,310
Solid (100% NaOH).....	do.....	246,303	169,086	169,086	121,562	169,610
Sodium phosphate:						
Monobasic (100% NaH_2PO_4).....	do.....	(?)	14,690	12,722	15,703	18,479
Dibasic (100% Na_2HPO_4).....	do.....	32,382	78,806	130,555	158,756	182,650
Tribasic (100% Na_3PO_4).....	do.....	116,731	88,568	70,367	66,801	67,605
Meta (100% NaPO_3).....	do.....	(?)	30,460	27,823	39,412	51,020
Tetra (100% $\text{Na}_4\text{P}_2\text{O}_7$).....	do.....	48,691	56,641	78,376	85,657	84,867
Sodium silicate (soluble silicate glass, liquid and solid) (anhydrous). ¹⁵	do.....	(?)	492,837	446,202	486,203	561,310
Sodium sulfate:						
Anhydrous (refined) (100% Na_2SO_4).....	do.....	(?)	134,969	136,276	184,254	233,503
Glauber's salt (100% $\text{Na}_2\text{SO}_4 \cdot 10\text{H}_2\text{O}$) ¹²	do.....	(?)	202,285	156,634	185,626	217,138
Salt cake (crude) (commercial) ¹²	do.....	(?)	693,517	537,843	561,395	707,921

For footnotes, see next page.

No. 956.—CHEMICALS—PRODUCTION, BY KIND, 1939 TO 1951—Continued

CHEMICAL AND BASIS	Unit	1939.	1947	1949	1950	1951 ¹
Sulfuric acid:						
Gross (100% H ₂ SO ₄) ¹⁵	Short tons.	4,795,003	10,780,166	11,431,883	13,029,359	13,343,903
Chamber process (100% H ₂ SO ₄)	do.	2,120,963	3,274,753	2,744,814	2,956,007	2,869,635
Contact process (gross) (100% H ₂ SO ₄) ¹⁵	do.	2,674,040	7,505,413	8,687,069	10,073,352	10,474,268
Contact process (new) (100% H ₂ SO ₄) ¹⁵	do.		6,828,640	7,982,162	9,186,784	9,515,158
Fortified spent acid (100% H ₂ SO ₄)	do.		676,773	704,907	886,568	959,160
Zinc yellow (zinc chromate) (C. P.)	do.		3,476	5,252	4,565	8,143

¹ Preliminary.² No comparable data.³ Excludes byproduct coke-oven production. Data for 1949-1951 include synthetic ammonium sulfate produced in coke plants, as well as quantities produced for the account of Department of the Army.⁴ Proportion of estimate, 5 percent.⁵ Not shown separately to avoid disclosure of individual operations.⁶ Includes data for decolorizing, decolorizing, and water purification grades. Data for gas-mask solvent recovery grades excluded.⁷ Total production including quantities liquified for use, storage or shipment.⁸ Includes data for molybdate chrome orange.⁹ Excludes quantities produced and consumed in manufacture of ammonia and methanol, included for earlier years.¹⁰ Includes quantities diverted to manufacture of caustic soda and sodium bicarbonate and quantities processed to finished light and finished dense soda ash.¹¹ Excludes quantities converted to finished dense soda ash.¹² Collected in cooperation with Bureau of Mines.¹³ Proportion of estimate, 3 percent or less.¹⁴ Liquid production figures represent total production for each process, including quantities later evaporated to solid caustic and reported as such.¹⁵ Includes sulfuric acid of oleum grades.Source: Department of Commerce, Bureau of the Census; 1939 and 1947 Census of Manufactures reports; 1949-51 compiled from manufacturers' reports and published in *Facts for Industry*, Series MI19A. Monthly data published currently.

No. 957.—SYNTHETIC ORGANIC CHEMICALS—PRODUCTION AND SALES, BY GROUP: 1949 AND 1950

GROUP	1949			1950		
	Production (1,000 lbs.)	Sales (1,000 lbs.) ¹	Sales value (\$1,000) ¹	Production (1,000 lbs.)	Sales (1,000 lbs.) ¹	Sales value (\$1,000) ¹
ORGANIC CHEMICALS, CYCLIC						
Intermediates	2,501,369	868,772	148,759	3,396,699	1,483,661	238,866
Finished products	2,465,852	2,163,572	907,928	3,472,585	3,102,577	1,274,094
Dyes	139,389	136,244	142,513	195,713	188,382	190,786
Color index	100,433	98,871	77,996	142,403	138,443	101,064
Prototype	20,514	19,584	35,450	28,454	26,840	47,123
Ungrouped	18,442	17,789	29,067	24,856	23,099	42,599
Color lakes and toners	37,009	32,874	36,625	47,417	43,703	54,379
Medicinals	37,334	31,539	247,629	41,424	37,011	328,644
Flavor and perfume materials	15,443	12,675	17,431	15,617	15,806	23,457
Plastics and resin materials	898,623	718,365	168,703	1,283,856	1,057,385	253,733
Rubber processing chemicals	68,922	52,456	23,336	98,160	74,781	33,995
Elastomers (synthetic rubbers)	661,166	687,915	127,264	802,377	879,840	170,664
Miscellaneous ²	607,966	491,504	144,427	985,021	805,669	213,526
ORGANIC CHEMICALS, ACYCLIC						
Intermediates and finished products	12,568,619	6,073,304	1,058,394	15,456,426	7,513,479	1,281,074
Medicinals	4,163	3,984	20,678	7,905	8,257	27,185
Flavor and perfume materials	8,340	7,398	11,413	9,661	9,610	14,537
Plastics and resin materials	592,488	542,972	215,765	866,662	818,219	312,184
Rubber-processing chemicals	11,007	9,394	7,048	16,349	13,956	10,600
Elastomers (synthetic rubbers)	290,413	285,116	97,813	363,949	359,255	130,790
Miscellaneous ²	11,662,208	5,224,440	705,677	14,191,900	6,304,182	785,778

¹ Excludes quantity and value of interplant transfers.² Includes plasticizers and surface-active agents.Source: U. S. Tariff Commission; annual report, *Synthetic Organic Chemicals, United States Production and Sales*.

NO. 958.—INDUSTRIAL EXPLOSIVES MANUFACTURED AND SOLD IN THE UNITED STATES: 1928 TO 1950

[In thousands of pounds. Excludes exports]

YEAR	Total	Per- mis- sible explo- sives ¹	High explo- sives other than per- mis- sible	BLACK BLAST- ING POWDER		USE	Total	Per- mis- sible explo- sives ¹	High explo- sives other than per- mis- sible	Black blast- ing pow- der
				Gran- ular	Pellet					
1928	475,251	60,708	292,785	98,004	23,754	1949	2631,230	91,630	505,601	20,077
1929	509,708	62,669	326,993	86,818	33,227	Coal mining	248,432	90,535	126,409	17,572
1930	445,090	53,826	291,391	63,139	36,735	Metal mining	110,857	35	110,804	17
1931	337,565	41,578	216,157	46,300	33,530	Quarrying and nonmetallic mineral mining	4122,247	777	120,185	1,279
1932	293,887	32,225	197,908	35,793	27,961	Railway and other con- struction work	130,782	160	130,105	517
1933	255,987	33,927	157,849	37,193	31,742	All other purposes	18,912	122	18,097	692
1934	314,768	39,208	206,625	34,223	34,665	1950	2719,841	109,420	575,962	20,655
1935	308,381	39,170	200,324	40,420	41,278	Coal mining	296,633	108,351	156,839	17,702
1936	391,605	47,859	262,047	29,837	36,404	Metal mining	127,750	55	127,749	54
1937	404,744	49,579	288,924	23,552	28,143	Quarrying and nonmetallic mineral mining	4141,249	895	138,857	1,435
1938	332,130	41,859	238,576	28,322	29,915	Railway and other con- struction work	139,856	74	138,886	896
1939	386,438	49,950	278,250	16,282	26,677	All other purposes	14,353	46	13,631	676
1940	423,369	58,436	305,180	29,084	30,670					
1941	481,927	70,612	351,857	27,882	31,576					
1942	499,255	84,022	359,699	24,167	31,367					
1943	477,651	92,656	338,573	19,814	26,608					
1944	464,111	102,538	318,613	16,282	26,677					
1945	457,311	97,407	322,956	12,303	24,644					
1946	536,315	100,258	399,233	13,539	23,285					
1947	651,391	122,349	476,017	9,837	26,627					
1948	725,227	126,282	550,086	8,236	25,004					
1949	631,230	91,630	505,601	5,853	14,224					
1950	719,841	109,420	575,962	5,441	15,214					

¹ Represents type of high explosives approved by Bureau of Mines as suitable for safe use in coal mines provided specifications of use are followed.

² Includes 16,562,000 liquid oxygen explosive in 1947, 15,620,000 in 1948, 13,922,000 in 1949, and 13,804,000 in 1950.

³ Includes 13,917,000 liquid oxygen explosive in 1949 and 13,742,000 in 1950.

⁴ Includes 6,000 liquid oxygen explosive in 1949 and 62,000 in 1950.

⁵ Sold by manufacturer but later returned unused.

Source: Department of the Interior, Bureau of Mines; *Production of Explosives in the United States*.

NO. 959.—ASPHALT AND TAR ROOFING AND SIDING PRODUCTS—SHIPMENTS: 1933 TO 1951

PRODUCT AND UNIT OF MEASURE	1933	1938	1943	1946	1947	1948	1949	1950	1951
Asphalt roofing, total 1,000 squares..	24,737	34,610	51,349	60,864	71,461	59,939	52,357	65,024	59,117
Smooth-surfaced.....do.....	13,838	15,027	19,236	19,421	22,482	16,344	13,038	14,377	13,577
Mineral-surfaced.....do.....	5,685	8,799	16,088	13,717	16,357	13,569	12,610	14,116	13,961
Strip shingles.....do.....	4,223	9,054	13,014	24,505	28,569	26,216	23,573	32,109	27,401
Individual shingles.....do.....	991	1,730	2,411	3,221	4,053	3,810	3,236	4,422	4,178
Asphalt sidings, total.....do.....	(¹)	² 590	2,338	4,954	4,316	3,280	2,499	2,009	2,078
Roll form.....do.....	(¹)	(¹)	2,140	4,599	3,903	2,866	2,090	1,659	1,754
Shingle form.....do.....	(¹)	(¹)	198	355	413	414	409	350	324
Mineral-surfaced insulating board base siding.....1,000 squares..	(¹)	(¹)	1,012	2,444	3,686	2,560	2,188	2,402	2,411
Asphalt board products..... 1,000 sq. ft..	(¹)	(¹)	(¹)	70,092	86,086	31,932	32,184	48,376	56,200
Saturated felts, total tons of 2,000 lb..	(¹)	(¹)	(¹)	296,087	457,870	538,042	500,688	650,389	662,961
Asphalt.....do.....	(¹)	(¹)	(¹)	223,978	354,291	448,751	421,510	550,017	538,005
Tar.....do.....	(¹)	(¹)	(¹)	72,109	103,579	89,291	79,173	100,372	124,956
Saturated and coated sheathings, total.....tons of 2,000 lb..	(¹)	(¹)	(¹)	15,699	37,619	14,619	10,284	12,025	13,571
Asphalt.....do.....	(¹)	(¹)	(¹)	(³)	(³)	(³)	(³)	(³)	(³)
Tar.....do.....	(¹)	(¹)	(¹)	(³)	(³)	(³)	(³)	(³)	(³)

¹ Not available. ² Represents brick and all other types of siding.

³ Not shown separately, to avoid disclosing operations of individual companies.

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports, and *Facts for Industry*, Series M26D.

No. 960.—RUBBER (NATURAL, RECLAIMED, AND SYNTHETIC)—NEW SUPPLY, DISTRIBUTION, AND STOCKS: 1944 TO 1951

[In tons of 2,240 pounds. Natural rubber refers to dry weights of all types, including liquid latex, guayule, etc. Synthetic includes GR-S, Neoprene, Butyl, and Butadiene-Acrylonitrile; reclaimed includes both natural and synthetic rubber reclaims]

ITEM	1944	1945	1946	1947	1948	1949	1950	1951
New supply, total	1,142,138	1,209,761	1,444,074	1,489,562	1,506,225	1,295,552	1,620,112	1,954,865
Domestic production.....	1,023,367	1,064,218	1,035,650	800,097	755,204	617,719	789,190	1,211,088
Natural.....	130	536	12					
Reclaimed.....	260,607	243,309	295,612	291,395	266,861	224,029	313,006	365,933
Synthetic.....	762,630	820,373	740,026	508,702	488,343	393,690	476,184	845,155
Imports.....	118,771	145,543	408,424	689,465	751,021	677,833	830,922	743,777
Natural.....	107,704	135,136	400,675	688,354	735,340	660,566	804,142	732,925
Reclaimed.....	24	(¹)	40	18	10	25	1,059	767
Synthetic.....	11,043	10,407	7,709	1,093	15,671	17,242	25,721	10,085
Distribution, total	1,087,597	1,143,979	1,406,202	1,440,764	1,353,492	1,234,685	1,590,324	1,586,993
Domestic consumption.....	961,866	1,040,045	1,314,708	1,410,722	1,330,617	1,211,582	1,562,290	1,560,419
Natural.....	144,113	105,429	277,597	562,661	627,332	574,522	720,268	454,015
Reclaimed.....	251,083	241,036	275,410	238,395	261,113	222,679	303,733	347,507
Synthetic.....	566,670	693,580	761,699	559,666	442,072	414,381	538,289	758,897
Exports.....	125,731	103,934	91,496	30,042	22,975	23,103	28,034	26,574
Natural.....	9,665	6,743	4,338	4,101	5,673	6,253	8,640	2,693
Reclaimed.....	11,800	13,413	14,461	14,556	11,428	10,367	11,741	14,722
Synthetic.....	104,266	83,778	72,697	11,385	4,874	6,483	7,653	9,249
Stocks, end of year ²	287,514	350,324	387,926	227,347	289,304	232,936	177,681	251,071
Natural.....	93,650	118,715	237,467	129,038	141,541	106,619	89,215	76,560
Reclaimed.....	43,832	28,155	33,666	35,943	32,630	28,263	35,708	45,082
Synthetic ³	150,032	203,454	116,793	62,366	115,133	98,054	52,758	129,420

¹ Less than 0.5 long tons.

² Differences between "new supply" and "distribution" not precisely comparable with "stocks" due to year-end and inventory adjustments. ³ Includes stocks shipped for export which had not yet cleared port.

Source: 1944-45, Office of Temporary Controls, Civilian Production Administration, and predecessor agencies; published in *Facts for Industry*, Series 26-1. 1946-51, Department of Commerce, National Production Authority. Monthly data published in *Survey of Current Business*.

No. 961.—PRINTING AND PUBLISHING—RECEIPTS: 1937 to 1947

[In thousands. For number and circulation of newspapers and periodicals, see table 561]

CLASS	1937	1939	1947
Aggregate value and receipts ¹	\$2,303,178	\$2,309,062	\$5,711,872
Newspapers and periodicals published.....	1,260,523	1,254,714	2,837,861
Newspapers.....	861,688	845,687	1,792,338
Subscriptions and sales.....	287,508	300,192	599,925
Advertising.....	574,180	539,495	1,192,413
Periodicals.....	407,835	409,027	1,045,523
Subscriptions and sales.....	171,961	184,672	419,782
Advertising.....	235,874	224,455	625,741
Books and pamphlets ¹	239,128	254,987	608,792
Books published.....	159,868	149,380	435,134
Pamphlets published.....	8,389	15,000	20,656
Printed for publication by others ¹	70,871	90,607	153,002
Greeting cards ¹	32,637	44,286	129,267
Publishers' sales.....	(3)	28,314	107,716
Printed for others ¹	(3)	15,972	21,551
Miscellaneous publishing ⁴	(3)	(3)	123,474
Newspapers, ready prints and periodicals printed for others ¹	85,070	102,586	299,424
Letterpress.....	83,145	89,458	258,740
Lithographing.....	1,925	1,855	9,384
Engraving and plate printing.....			279
Gravure.....	(6)	11,773	31,021
Other printing.....	676,820	652,489	1,713,054
Letterpress.....	501,996	488,129	1,176,552
Lithographing.....	128,626	144,616	456,092
Engraving and plate printing.....	27,595	13,550	49,060
Gravure.....	18,603	5,894	31,350

¹ Inclusion of material printed for others results in duplication in the aggregate, as follows: 1937, \$158,466,000; 1939, \$201,627,000; 1947, \$482,292,000. No separate data available for greeting cards for 1937.

² Includes souvenir cards. ³ No data.

⁴ Includes picture postcards, souvenir cards, sheet music, bluebooks, directories, catalogs, maps, atlases, globe covers, shopping news, and business service publications. ⁵ Included with "Other printing."

Source: Department of Commerce, Bureau of the Census; reports of Census of Manufactures.

No. 962.—LEATHER—PRODUCTION, BY PRINCIPAL TYPES OF RAW STOCK: 1937 TO 1951

[Cattle hide in thousands of hides, other figures in thousands of skins]

YEAR	Cattle hide	Calf and kip	Goat and kid	Sheep and lamb ¹	YEAR	Cattle hide	Calf and kip	Goat and kid	Sheep and lamb ¹
1937-----	22,380	12,027	46,554	34,232	1945-----	27,576	11,636	24,026	51,847
1938-----	19,047	12,991	31,905	28,941	1946-----	27,033	10,882	24,137	47,971
1939-----	22,095	14,027	40,419	39,384	1947-----	28,813	12,471	37,256	36,555
1940-----	21,013	11,387	37,697	37,920	1948-----	26,071	10,484	37,931	33,532
1941-----	28,099	13,098	45,355	51,865	1949-----	23,388	10,173	34,752	28,736
1942-----	30,822	12,264	41,122	53,634	1950-----	24,385	10,659	37,183	31,397
1943-----	25,656	11,112	37,351	59,315	1951-----	22,697	7,978	30,998	24,531
1944-----	26,114	10,930	34,666	53,959					

¹ Prior to 1940, includes skivers and excludes fleshers; beginning 1940, includes fleshers and excludes skivers.Source: Tanners' Council of America. Monthly figures published in *Survey of Current Business*.

No. 963.—LEATHER PRODUCTS, BY KIND: 1939 AND 1947

PRODUCT	PRODUCTION		PRODUCT	PRODUCTION	
	1939	1947		1939	1947
CATTLE HIDE AND KIP SIDE LEATHERS	1,000 lbs.	1,000 lbs.		1,000 sq. ft.	1,000 sq. ft.
Grains:			Calf and whole kip leathers-----	156,214	128,296
Sole leather-----	330,201	383,657	Upper (skins)-----	133,470	119,994
Vegetable tanned (backs, bends, sides)-----		218,423	Other ¹ -----	22,744	8,302
Chrome or retan (backs, bends, sides)-----	241,338	20,003	Goat and kid leathers-----	210,916	180,626
Heads, bellies, shoulders, etc.	88,863	145,226	Upper (skins)-----	153,829	148,001
Wetling leather-----	7,933	7,270	Lining (skins)-----	54,274	25,962
Belting leather-----	(2)	16,722	Glove (skins)-----	2,123	820
Curried (butts, butt bends)-----	6,107	15,360	Garment (skins)-----	690	5,843
Shoulders-----	(2)	1,362	Other-----	(2)	28,583
Mechanical leather (sides)-----	(2)	3,769	Upper (skins)-----	(7)	7,075
Harness leather (sides, backs)-----	7,668	5,385	Glove (skins)-----	22,320	17,611
Collar, skirting, lace, and latigo leather (sides)-----	9,414	6,930	Garment (skins)-----	(2)	3,897
	1,000 sq. ft.	1,000 sq. ft.	Other-----	(2)	283,193
Bag, case, and strap leather (sides)-----	21,245	44,645	Sheep and lamb leathers-----	15,773	12,615
Upholstery leather—top grains and machine buffs (hides)-----	23,387	26,661	Upper (skins)-----	87,238	114,065
Upper leather, excluding patent (sides)-----	370,610	402,829	Fancy (skins)-----	14,272	12,137
Patent leather (sides)-----	51,286	51,168	Glove (skins)-----	142,786	22,141
Glove leather, excluding athletic (sides)-----	10,633	10,025	Garment (skins)-----	31,371	50,499
Garment leather (sides)-----		13,018	Skivers-----	4,151	24,034
Flat leather, handbag leather, and other fancy leather (sides)-----	3,962	10,609	Fleshers, including chamois-----	3,755	10,654
Other-----	(2)	38,347	Textile and roller (skins)-----	(2)	4,761
Finished splits (including deep buffs and buffings)-----	(2)	276,708	Other-----	(2)	32,287
Bottom stock-----	(4)	51,404	Shearlings (skins)-----	19,050	35,005
Upper-----	39,330	51,901	Horse, colt, mule, ass, and pony leathers-----	(2)	53,436
Lining-----		79,542	Sole-----	3,960	3,408
Glove-----	138,186	55,493	Upper-----	11,692	8,235
Garment-----		6,041	Glove-----	25,679	13,031
Upholstery, incl. beef buffs-----	10,193	14,683	Garment-----	(2)	22,552
Other-----	(2)	17,644	Other-----	(2)	6,210
			Kangaroo and wallaby leather (skins)-----	5,529	8,853
			Deer and elk leathers-----	7,648	7,599
			Reptile leather-----	(2)	(2)
			Aquatic leather-----	(2)	(2)
			Pig and hog leathers, incl. peccary, carpineho, bacon rind and strips, etc-----	837	20,206
			Other animals-----	(2)	2,668

¹ Includes belting leather, except belting butts—curried.² Not available.³ Included with cattle hide and kip side sole leathers.⁴ Included with lining, glove, and garment finished splits.⁵ Includes bottom stock splits.⁶ Includes lining and fancy calf and whole kip leathers.⁷ Included with sheep and lamb upper leather.⁸ Includes cabretta upper leather.

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports.

No. 964.—PRESSED AND BLOWN GLASSWARE—QUANTITY AND VALUE OF SHIPMENTS, BY CLASS: 1949 AND 1950

[Includes only products manufactured from glass produced in reporting establishment]

CLASS	Unit of measure	1949		1950	
		Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
Shipments, total value			242, 418		322, 703
Tumblers, goblets, and other stemware.....	Thous. of doz.....	61, 328	46, 322	74, 815	51, 999
Cooking ware ¹	Thous. pieces.....	44, 729	8, 436	54, 608	10, 977
Ornamental, decorative, novelty glassware, and smokers' accessories, total.....			11, 212		11, 706
Lighting glassware, total			76, 956		133, 268
Electric-light bulb blanks, electronic-tube blanks (including radio, X-ray, radar, and special tubes), and fluorescent tubes.....			60, 996		114, 014
Bowls, all types.....			2, 805		3, 316
Enclosing globes, all types.....			2, 953		3, 670
Shades, reflectors, and torcheres.....			5, 184		5, 887
Railroad, marine, and traffic lighting glassware.....			1, 045		888
Lamp chimneys.....	Thous. of doz.....	1, 109	994	1, 817	1, 300
Lantern globes (oil and electric).....	do.....	354	613	426	889
All other lighting glassware.....			2, 366		3, 404
All other pressed and blown glassware (except glass containers). ²			99, 492		114, 753

¹ Heat-resistant, heat-treated, and annealed.

² Includes tubing (except fluorescent and neon), technical, scientific, and industrial glassware.

Source: Department of Commerce, Bureau of the Census; published in *Facts for Industry*, Series M77E.

No. 965.—GLASS CONTAINERS—DIRECT EXPORTS AND DOMESTIC PRODUCTION AND SHIPMENTS, BY KIND: 1949, 1950, AND 1951

[In thousand gross]

ITEM	1949		1950		1951	
	Production	Shipments	Production	Shipments	Production	Shipments
Total	90, 767	89, 827	106, 380	107, 897	117, 692	114, 738
Direct exports.....		2, 377		2, 643		3, 062
Domestic production and shipments:						
Narrow-neck, total	56, 210	53, 637	66, 398	65, 322	78, 052	73, 066
Food.....		8, 835		11, 061		11, 528
Medicinal and health supplies.....		11, 659		14, 685		13, 726
Chemical, household, and industrial.....	32, 892	5, 989	30, 526	7, 320	41, 688	7, 788
Toiletries and cosmetics.....		5, 172		5, 977		6, 241
Beverage, returnable.....	6, 042	5, 274	6, 678	6, 291	7, 086	6, 398
Beverage, nonreturnable.....	87	50	146	168	177	180
Beer, returnable.....	1, 986	1, 995	3, 237	3, 155	5, 175	4, 524
Beer, nonreturnable.....	3, 014	3, 001	3, 213	3, 211	10, 251	9, 816
Liquor.....	8, 604	8, 241	9, 805	9, 709	10, 302	9, 644
Wine.....	3, 585	3, 421	3, 793	3, 745	3, 371	3, 219
Wide-mouth, total	34, 557	33, 813	39, 982	39, 932	39, 641	38, 610
Food.....		22, 086		28, 309		26, 841
Medicinal and health supplies.....		2, 903		3, 449		3, 849
Chemical, household, and industrial.....	28, 253	1, 073	34, 758	1, 418	34, 467	1, 810
Toiletries and cosmetics.....		1, 431		1, 595		1, 603
Dairy products.....	3, 442	3, 311	3, 731	3, 695	3, 639	3, 617
Fruit jars.....	1, 430	1, 647	(1)	(1)	(1)	(1)
Jelly glasses.....	114	116	(1)	(1)	(1)	(1)
Packers' tumblers.....	1, 318	1, 246	1, 493	1, 466	1, 534	1, 489

¹ Data for fruit jars and jelly glasses combined with wide-mouth food containers to avoid disclosing operations of individual companies.

Source: Department of Commerce, Bureau of the Census; published in *Facts for Industry*, Series M77C.

No. 966.—REFRACTORIES—SHIPMENTS: 1949 AND 1950

PRODUCT	Unit of measure	1949		1950	
		Quantity	Value f. o. b. plant	Quantity	Value f. o. b. plant
Clay refractories, total			\$1,000 102,144		\$1,000 126,686
Fire-clay brick, standard and special shapes, except super-duty	M 9" equiv	514,378	48,819	565,103	57,489
Superduty fire-clay brick, standard and special shapes	do	51,586	7,680	64,046	10,108
Insulating fire-brick, standard and special shapes	do	33,315	5,840	43,204	7,635
High-alumina brick, standard and special shapes (50% Al_2O_3 and over, except fused alumina and mullite)	do	16,346	4,392	17,670	4,757
Ladle brick	do	159,790	8,557	198,230	12,075
Glass-house pots, tank blocks, upper structure, and floaters	Short ton	17,564	2,539	21,294	3,177
Hot-top refractories	M 9" equiv	34,284	3,261	42,640	4,489
Sleeves, nozzles, runner brick, and tuyeres	do	39,189	4,802	53,106	6,895
High-temperature bonding mortars	Short ton	53,829	4,146	65,517	5,494
Plastic refractories (including wet and dry ramming mixtures)	do	77,080	3,701	91,455	4,511
Cast and castables (hydraulic setting)	do	47,675	3,430	57,300	4,396
Ground crude fire clay and high-alumina material	do	327,864	2,943	381,163	3,611
Other clay refractories	do		2,034		2,049
Nonclay refractories, total			82,627		111,971
Silica brick and shapes	M 9" equiv	261,719	30,320	309,353	38,222
Magnesite and magnesite-chrome (magnesite predominating) brick and shapes	do	18,650	9,279	27,779	14,415
Chrome and chrome-magnesite (chrome predominating) brick and shapes	do	34,777	14,312	45,489	19,672
Graphite and other carbon crucibles and retorts	Short ton	7,328	3,628	10,329	5,690
Other graphite and carbon refractories	do	814	298	1,206	503
High temperature bonding mortars	do	30,820	3,332	38,175	4,345
Plastic refractories (including wet and dry ramming mixtures)	do	72,015	4,984	98,858	7,175
Dead-burned magnesia and magnesite	do	218,000	18,606	283,000	11,901
Other nonclay brick and shapes (including silicon carbide, fused alumina, fused magnesia, mullite, kyanite, sillimanite, zirconia, forsterite, etc.)	do		13,049		17,954
Other nonclay refractory materials sold in lump or ground form (including ground silica and nonclay cast and castables)	do		2,875		3,995

¹ Excluded from total to avoid duplication.

Source: Department of Commerce, Bureau of the Census; published in *Facts for Industry*, Series M27C.

No. 967.—CONCRETE PRODUCTS—PRODUCTION AND SHIPMENTS: 1945, 1946, and 1947

PRODUCT AND UNIT OF MEASURE	PRODUCTION, QUANTITY		1947		
	1945	1946	Shipments and inter- plant transfers		Produc- tion, quantity
			Quantity	Value (1,000) f. o. b. plant	
Concrete products, total				\$327, 266	
Concrete block and brick, total				177, 816	
Block: Light-weight aggregate (cinder, expanded slag, etc.)					
M block (8" x 8" x 16" equiv.)	175, 314	386, 389	460, 782	77, 296	471, 438
Heavy-weight aggregate	225, 053	553, 718	563, 350	94, 228	570, 585
Brick	62, 607	218, 167	291, 052	6, 292	296, 602
Concrete pipe, total					
Culvert pipe		(1)	4, 333	82, 446	4, 463
Sewer pipe: Reinforced			1, 478	28, 111	1, 648
Nonreinforced		(1)	717	525	10, 908
Pressure pipe		(1)		560	9, 528
Irrigation pipe		(1)		422	15, 470
Other pipe (including drain tile and conduits)		(1)		721	10, 268
Other precast concrete products, total				516	8, 161
Roof-and-floor slabs and tile					67, 004
Burial vaults and boxes				40, 617	13, 522
Laundry trays				396, 900	15, 839
Cast stone for architectural purposes (including window sills, lintels, ashlar, coping, posts, ornamental columns, interior facings, and other trim)				506, 007	400, 437
Roof-and-floor joists and beams		(1)			511, 073
Silo staves		(1)			
Other precast concrete products (including piling, posts and poles, crossing slabs, garden furniture, storage and septic tanks, catch-basin covers, shower receptors, gravestones, and prefabricated housing units)				7, 915	
				2, 319	2, 364
				10, 211	10, 446
				18, 888	

¹ Not available.

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports, and *Facts for Industry*, Series M26C.

No. 968.—STRUCTURAL CLAY PRODUCTS—PRODUCTION AND SHIPMENTS, BY KIND:
1947 TO 1950

PRODUCT AND UNIT OF MEASURE	1947	1948	1949	1950
Unglazed brick:				
Production.....1,000 standard bricks..	5,142,343	5,842,479	5,524,805	6,175,904
Shipments: Quantity.....do.....	5,011,556	5,706,838	5,251,633	6,347,923
Value.....1,000 dollars..	111,915	134,693	129,179	158,545
Unglazed hollow facing tile:				
Production.....1,000 brick equivalent..	135,386	1335,292	1370,406	1429,281
Shipments: Quantity.....do.....	129,860	1321,641	1357,461	1427,705
Value.....1,000 dollars..	3,985	116,029	118,717	122,312
Glazed hollow facing tile:				
Production.....1,000 brick equivalent..	229,752	(1)	(1)	(1)
Shipments: Quantity.....do.....	214,273	(1)	(1)	(1)
Value.....1,000 dollars..	10,351	(1)	(1)	(1)
Vitrified paving brick:				
Production.....1,000 bricks..	24,771	(2)	(2)	(2)
Shipments: Quantity.....do.....	20,727	(2)	(2)	(2)
Value.....1,000 dollars..	769	(2)	(2)	(2)
Unglazed structural tile:				
Production.....short tons..	1,237,239	1,262,953	1,357,627	1,300,466
Shipments: Quantity.....do.....	1,183,659	1,250,004	1,259,445	1,325,347
Value.....1,000 dollars..	12,319	13,364	14,060	14,874
Vitrified clay sewer pipe:				
Production.....short tons..	1,394,687	1,496,247	1,463,013	1,545,510
Shipments: Quantity.....do.....	1,341,523	1,432,512	1,349,598	1,548,566
Value.....1,000 dollars..	42,984	46,731	44,641	52,028
FLOOR AND WALL TILE AND ACCESSORIES				
Glazed—				
Production.....1,000 square feet..	77,387	3104,061	399,146	3124,429
Shipments: Quantity.....do.....	75,601	3102,251	393,115	3126,643
Value.....1,000 dollars..	33,702	346,646	343,905	361,471
Unglazed (except quarry tile)—				
Production.....1,000 square feet..	26,431	(3)	(3)	(3)
Shipments: Quantity.....do.....	25,450	(3)	(3)	(3)
Value.....1,000 dollars..	8,274	(3)	(3)	(3)
Quarry tile:				
Production.....1,000 square feet..	7,374	(3)	(3)	(3)
Shipments: Quantity.....do.....	6,847	(3)	(3)	(3)
Value.....1,000 dollars..	1,674	(3)	(3)	(3)
Drain tile:				
Production.....short tons..	933,960	750,259	720,760	547,102
Shipments: Quantity.....do.....	894,920	734,331	688,010	545,183
Value.....1,000 dollars..	13,048	10,866	11,084	8,488
All other clay construction products,⁴ value of shipments				
1,000 dollars..	21,903	(2)	(2)	(2)

¹ Glazed hollow facing tile included with unglazed hollow facing tile.

² Not available.

³ Unglazed floor and wall tile and quarry tile included with glazed floor and wall tile.

⁴ Includes glazed brick, flooring brick, acid-proof brick, silo and corner tile, architectural terra cotta, roofing tile, wall coping, flue lining, conduits, stove lining, and chimney pipe, tops, and thimbles.

Source: Department of Commerce, Bureau of the Census; *Facts for Industry*, Series M26B.

No. 969.—PIG IRON AND FERRO-ALLOYS—PRODUCTION, BY DISPOSITION, KIND, AND FUEL AND MATERIALS USED: 1900 TO 1950

[In thousands of short tons (2,000 lbs.)]

ITEM	1900	1910	1920	1925	1930	1935	1940	1945	1949	1950
Total pig iron and ferro-alloys	15,444	30,580	41,357	41,105	35,562	23,937	47,399	54,919	54,917	66,400
By disposition:										
For sale.....	(1)	(1)	12,011	10,070	7,933	4,505	6,837	8,351	7,463	8,957
For maker's use.....	(2)	(1)	29,346	31,034	27,630	19,433	40,561	46,569	47,454	57,443
By kind:										
Basic.....	1,201	10,175	18,746	22,027	20,601	15,253	33,988	39,867	40,905	49,780
Bessemer and low-phosphorus.....	8,936	12,595	13,510	10,550	8,193	4,747	7,835	8,570	7,361	8,518
Foundry (incl. ferro-silicon).....	3,781	5,892	6,673	6,059	4,436	2,137	2,791	3,067	3,171	3,646
Malleable.....	194	944	1,468	1,740	1,760	1,350	1,832	2,350	2,409	3,181
Forge.....	888	632	356	270	57	6	4			
Ferromanganese, spiegeleisen, and all other.....	442	342	604	458	517	444	949	1,066	1,070	1,267
By fuel:										
Coke ¹	13,135	29,409	40,656	40,885	35,455	23,854	47,312	54,871	³ 54,917	³ 66,400
Anthracite.....	1,878	727	339							
Charcoal.....	431	444	362	220	109	84	86	48	(3)	(3)
Materials used: ⁴										
Iron ore, briquettes, etc.....	27,027	57,948	74,424	73,304	60,101	39,405	79,672	91,276	93,609	112,156
Cinder, scale, scrap, etc.....	1,792	3,136	5,585	5,619	7,052	4,768	7,480	9,749	8,849	10,731
Coke ⁵	(1)	(1)	42,046	39,296	31,168	20,272	40,451	48,965	49,941	59,549
Limestone.....	8,313	16,271	19,964	16,973	12,431	8,425	16,678	20,863	22,861	27,708
Total number furnaces Dec. 31 ⁶	406	473	452	395	300	258	231	241	247	250
Furnaces in blast Dec. 31 ⁶	232	206	216	238	97	124	206	201	218	234

¹ Not available.

² Includes ferro-alloys made in electric furnaces.

³ Charcoal included with coke.

⁴ Materials consumed in manufacture of pig iron only, beginning 1930.

⁵ Coke and bituminous coal 1900 to 1925.

⁶ Or as of Jan. 1 of following year.

Source: American Iron and Steel Institute, annual report.

No. 970.—PIG IRON AND FERRO-ALLOYS—PRODUCTION BY STATES: 1943 TO 1950

[In thousands of short tons (2,000 pounds)]

STATE	1943	1944	1945	1946	1947	1948	1949	1950
Grand total	62,770	62,866	54,919	46,200	60,117	61,912	54,917	66,400
Pig iron, total	60,811	61,007	53,223	44,779	58,329	60,055	53,413	64,587
Massachusetts, New York.....	4,178	3,947	3,295	2,780	3,869	3,875	3,541	4,302
Pennsylvania.....	18,575	18,510	16,171	13,251	17,563	17,742	15,037	18,240
Maryland, West Virginia.....	14,596	14,781	3,519	2,949	3,662	4,240	4,383	5,203
Kentucky, Tennessee, Texas.....	(1)	(1)	808	656	818	1,228	1,089	1,490
Alabama.....	3,780	3,949	3,582	3,149	3,929	4,013	3,663	4,347
Ohio.....	13,725	13,371	11,259	9,534	12,317	12,471	10,640	12,510
Indiana.....	² 8,208	² 8,474	5,982	4,829	6,401	6,493	5,991	7,018
Illinois.....	5,950	5,686	5,045	4,357	5,600	5,513	4,913	6,024
Michigan, Minnesota.....	(2)	(2)	1,921	1,893	1,924	2,101	2,002	2,830
Colorado, Utah, California.....	² 1,800	² 2,289	1,642	1,381	2,245	2,379	2,154	2,553
Ferro-alloy, total	1,959	1,859	1,696	1,421	1,788	1,856	1,504	1,813
New York, New Jersey.....	544	478	449	386	431	451	316	392
Pennsylvania.....	603	637	573	437	553	616	467	554
Virginia, West Virginia, South Carolina.....	³ 422	³ 380	171	141	278	302	266	287
Tennessee.....	(3)	(3)	66	64	84	88	47	60
Alabama.....	(3)	(3)	85	60	53	28	37	59
Ohio.....	⁴ 391	⁴ 363	204	200	212	210	166	198
Other States.....			148	133	177	161	206	204

¹ Production for Kentucky, Tennessee, and Texas included with Maryland and West Virginia.

² Production for Michigan included with Indiana; production for Minnesota included with Colorado, Utah, and California.

³ Production for Tennessee and Alabama included with Virginia, West Virginia, and South Carolina.

⁴ Includes production for Indiana, Illinois, Iowa, Colorado, and Washington.

Source: American Iron and Steel Institute, annual report.

**No. 971.—PIG IRON AND FERRO-ALLOYS AND STEEL INGOTS AND CASTINGS—
PRODUCTION, EXPORTS, AND IMPORTS: 1871 TO 1950**

[In short tons (2,000 pounds). Prior to 1901 exports and imports are for years ending June 30 following years specified; calendar years thereafter. Imports are imports for consumption beginning with 1933. All production figures are for calendar years. For figures for earlier years, see *Abstract for 1931*]

YEARLY AVERAGE OR YEAR	PIG IRON AND FERRO-ALLOYS			Steel ingots and cast- ings, pro- duction ¹	YEAR	PIG IRON AND FERRO-ALLOYS			Steel ingots and cast- ings, pro- duction ¹
	Produc- tion	Exports of do- mestic	Imports			Produc- tion	Exports of do- mestic	Imports	
1871-1875...	2,518,088	8,301	154,102	2,436,575	1934.....	18,075,202	15,091	176,273	29,181,924
1876-1880...	2,870,295	3,816	309,792	899,896	1935.....	23,937,423	19,840	211,901	38,183,705
1881-1885...	4,817,228	5,948	364,325	1,850,540	1936.....	34,752,689	26,439	284,487	53,499,999
1886-1890...	7,928,829	13,896	257,566	3,687,895	1937.....	41,582,550	16,160	180,625	56,636,945
1891-1895...	9,108,976	25,741	61,351	5,236,824	1938.....	21,460,164	515,604	80,008	31,751,990
1896-1900...	12,870,969	251,180	38,425	9,452,731	1939.....	35,677,097	238,224	129,497	52,798,714
1901-1905...	20,428,425	58,921	352,537	17,212,083	1940.....	47,398,529	685,617	45,503	66,982,686
1906-1910...	26,907,689	88,052	308,040	24,826,797	1941.....	56,686,904	610,729	28,844	82,839,259
1911-1915...	30,407,695	226,262	148,931	31,783,886	1942.....	60,903,304	150,151	31,606	86,031,931
1916-1920...	41,451,650	463,931	119,718	40,838,598	1943.....	62,769,947	231,068	28,066	88,836,512
1921-1925...	34,132,119	41,444	405,785	41,138,917	1944.....	62,866,198	185,826	34,190	89,641,600
1926-1930...	42,215,094	58,316	289,090	54,186,963	1945.....	54,919,029	122,819	74,193	79,701,648
1931-1935...	17,486,488	14,521	177,424	27,553,544	1946.....	46,199,826	134,584	55,103	66,602,724
1936-1940...	36,174,206	476,409	144,024	52,334,066	1947.....	60,117,319	92,676	231,473	84,894,071
1941-1945...	59,629,017	260,059	39,378	85,410,090	1948.....	61,011,559	112,885	319,433	88,640,470
1946-1950...	57,909,160	107,094	345,430	82,990,303	1949.....	54,016,785	115,971	174,878	77,078,176
1933.....	14,947,074	12,625	219,838	26,020,229	1950.....	66,400,311	379,353	946,262	96,836,075

¹ Beginning 1934, includes only steel castings produced in foundries producing steel ingots.

² 1875 only.

Source: Production, American Iron and Steel Institute, annual report. Exports and imports, Department of Commerce, Bureau of Census; annual report, *Foreign Commerce and Navigation of the U. S.*, and records.

**No. 972.—ROLLED AND MISCELLANEOUS STEEL PRODUCTS—PRODUCTION, BY
KIND: 1925 TO 1950**

[In short tons (2,000 pounds). See also *Historical Statistics*, series J 170]

KIND	1925	1930	1935	1940	1945	1949	1950
Hot-rolled products, total.....	37,393,395	33,054,568	26,840,298	48,660,369	59,811,669	60,882,387	74,822,981
Plates.....	4,203,865	4,102,362	1,629,987	4,323,408	7,245,888	6,547,315	7,386,199
Sheets.....	4,888,452	3,932,944	5,796,624	11,705,956	12,067,487	16,813,808	22,325,318
Black plate.....	2,192,261	2,120,144	2,307,462	521,924	941	109,763	152,605
Strip.....	1,398,471	2,174,885	2,965,800	2,077,744	2,542,935	2,837,831	3,903,657
Strip and sheets for cold re-duced black plate and tin plate.....	(1)	(1)	(1)	3,103,627	4,436,924	5,249,800	5,990,547
Hoops.....	229,655	89,425	100,634	97,074	51,891	28,400	37,331
Cotton ties and baling bands.....	398,905	51,737	27,685	44,918	34,216	72,133	49,211
Bars—merchant.....	6,338,433	4,627,810	4,142,944	6,450,263	9,649,412	7,390,252	9,352,560
Bars—concrete.....	917,937	952,169	624,243	1,425,998	834,806	1,063,847	1,832,606
Structural shapes.....	4,036,626	3,933,970	1,959,709	4,232,346	4,467,104	4,672,284	5,442,104
Steel piling.....	64,136	118,275	145,929	186,125	188,939	237,476	242,778
Rails.....	3,119,488	2,098,021	796,921	1,678,986	2,417,520	1,901,020	1,849,580
Long splice bars and tie plate bars.....	921,241	679,157	300,471	515,928	856,638	572,881	655,875
Skelp.....	3,617,340	3,003,892	1,514,328	2,709,000	2,894,023	3,639,074	4,164,454
Blanks, tube rounds or pierced billets for seamless tubes.....	(1)	1,397,935	1,067,776	2,320,966	3,384,489	3,404,265	4,031,053
Wire rods.....	3,186,015	2,630,432	2,733,689	4,351,848	4,531,157	4,388,394	5,819,677
Rolling forging billets.....	386,179	340,581	380,697	919,826	3,566,697	897,757	1,214,500
Blooms, billets, etc. for export.....	209	10,623	44,759	1,677,905	178,600	61,071	11,241
Rolling steel car wheels.....	(1)	(2)	83,714	191,102	291,375	275,644	260,305
All other.....	1,794,182	790,206	217,426	116,425	170,867	119,372	101,320
Miscellaneous products: ²							
Tin plate and terneplate.....	1,856,730	1,882,619	1,996,960	2,738,581	2,827,483	3,802,485	4,640,296
Galvanized sheets.....	1,269,556	1,170,681	1,151,743	1,695,300	1,676,181	1,795,303	2,273,756
Galvanized formed products.....	89,110	73,047	67,245	84,854	53,717	85,537	117,881
Wire (plain).....	(1)	(1)	2,177,816	3,071,824	3,444,826	3,712,350	4,844,950
Wire nails.....	772,687	478,071	443,696	648,593	583,408	734,156	876,395
Cut nails and spikes.....	86,805	22,996	19,748	24,377	15,279	25,098	30,418
Pipes and tubes (black).....	(1)	(1)	2,276,544	4,272,684	6,030,243	7,492,300	9,310,055
Forgings made by rolling mills ³	434,414	532,978	352,390	623,101	1,655,746	435,121	457,481

¹ Not available.

² Included in all other.

³ These are mostly further elaborations of products listed above.

⁴ Includes forged axles, beginning 1930.

Source: American Iron and Steel Institute, annual report.

No. 973.—STEEL—PRODUCTION OF INGOTS AND STEEL FOR CASTINGS: 1890 TO 1950

[In short tons (2,000 pounds). See also *Historical Statistics*, series J 165-169]

YEAR	Total ¹	OPEN HEARTH			Bessemer	Electric	Crucible
		Total	Basic	Acid			
1890.....	4,790,320	574,820	(²)	(²)	4,131,536	(²)	79,716
1900.....	11,410,928	3,805,911	2,850,502	955,409	7,486,942	(²)	112,629
1910.....	29,226,309	18,485,050	17,127,408	1,357,642	10,542,305	58,398	136,979
1915.....	36,009,160	26,520,594	24,985,772	1,534,822	9,281,679	77,741	127,436
1920.....	47,188,886	36,592,522	35,140,810	1,451,712	9,949,057	566,370	80,937
1925.....	50,840,747	42,598,627	41,537,823	1,060,804	7,530,837	689,373	21,910
1930.....	45,583,421	39,255,073	38,380,514	874,559	5,639,714	686,111	2,523
1935.....	38,183,705	34,401,280	34,004,585	396,695	3,175,235	606,471	719
1939.....	52,798,714	48,409,800	47,828,700	581,100	3,358,916	1,029,067	931
1940.....	66,982,686	61,573,083	60,882,840	690,243	3,708,873	1,700,006	1,024
1941.....	82,839,259	74,389,619	73,312,851	1,076,768	5,578,071	2,869,256	2,313
1942.....	86,031,931	76,501,957	75,183,005	1,318,952	5,553,424	3,974,540	2,010
1943.....	88,836,612	78,621,804	77,207,870	1,413,934	5,625,492	4,559,070	146
1944.....	89,041,600	80,363,953	79,168,294	1,195,659	5,039,923	4,237,699	25
1945.....	79,701,648	71,939,602	71,069,876	869,726	4,305,818	3,456,704	24
1946.....	66,602,724	60,711,963	60,112,300	599,663	3,327,737	2,563,024	(³)
1947.....	84,894,071	76,873,793	76,209,268	664,525	4,232,545	3,787,735	(³)
1948.....	88,640,470	79,340,157	78,714,852	625,305	4,243,172	5,057,141	(³)
1949.....	77,978,176	70,248,803	69,742,110	506,693	3,946,656	3,782,717	(³)
1950.....	96,836,075	86,292,509	85,661,651	600,858	4,534,558	6,039,008	(³)

¹ Includes all other grades not shown separately, as follows: 1890, 4,248 tons; 1900, 5,445; 1910, 3,577; 1915, 1,710. Beginning 1935, figures include only that part of steel for castings which was made in foundries producing steel ingots.

² Not available.

³ Included with electric steel.

Source: American Iron and Steel Institute, annual report.

No. 974.—BLAST FURNACES AND STEEL MILLS—SUMMARY: 1889 TO 1947

[Data for years prior to 1937 include figures for steel castings, thereafter such data are excluded]

YEAR	Number of establishments	Production and related workers (average number)	Wages (\$1,000)	Value added by manufacture (\$1,000) ¹
1889.....	719	171,181	89,273	151,415
1890.....	668	222,490	120,820	281,569
1909.....	654	278,505	187,807	399,013
1919.....	695	416,748	711,407	1,321,507
1923.....	658	424,913	696,761	1,289,910
1925.....	595	399,914	660,297	1,281,976
1927.....	602	389,270	645,534	1,219,534
1929.....	591	419,534	730,974	1,622,837
1931.....	526	278,206	357,645	623,199
1933.....	466	288,945	270,367	481,529
1935.....	463	374,808	458,584	893,681
1937.....	352	461,118	755,427	1,503,959
1939.....	334	388,441	598,037	1,234,631
1947.....	301	470,785	1,431,636	2,603,757
Blast furnaces:				
1937 ²	87	23,075	38,001	127,644
1939 ²	81	19,537	28,312	87,083
1947.....	86	32,697	93,598	328,060
Steel works and rolling mills:				
1937.....	265	438,043	717,425	1,376,314
1939.....	253	368,904	569,724	1,147,548
1947.....	215	438,088	1,337,938	2,275,697

¹ Value of products less cost of materials, supplies, fuel, electricity, and contract work. For 1889-1933, cost of contract work was not deducted.

² Includes data for 5 establishments in 1937 and 2 in 1939 engaged in production of sintered ore and flue dust and operated independently of blast furnaces.

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports.

No. 975.—IRON AND STEEL, FINISHED ROLLED—PRODUCTION, EXPORTS, AND IMPORTS: 1876 TO 1950

[In short tons (2,000 pounds). Imports are imports for consumption beginning with 1933; general imports in earlier years. Blank spaces indicate no data available. See also *Historical Statistics*, series J 170 for data on total production]

YEARLY AVERAGE OR YEAR (CALENDAR YEAR)	Total production, finished rolled products	RAILS			PLATES AND SHEETS			Merchant bar production ²
		Production	Exports	Imports	Production	Exports	Imports ¹	
1876-1880		1,020,426	4,974	67,033				
1881-1885		1,426,531	4,464	131,009				
1886-1890	³ 5,911,600	1,915,511	8,148	55,748	⁴ 767,104			
1891-1895	6,129,591	1,416,438	15,288	1,173	846,516	1,691	26,761	
1896-1900	9,142,067	2,107,734	260,420	2,687	1,639,544	34,714	5,344	
1901-1905	15,311,416	3,242,555	252,836	48,392	3,017,980	44,246	6,907	⁴ 4,024,823
1906-1910	20,730,629	3,627,104	339,622	4,439	4,540,594	177,622	4,588	3,897,499
1911-1915	24,920,084	3,091,824	424,247	26,589	6,028,088	466,372	3,220	4,222,754
1916-1920	34,507,928	2,945,047	616,620	23,959	9,235,794	1,016,936	1,765	7,050,073
1921-1925	30,458,732	2,794,109	274,737	35,530	8,875,380	488,464	4,265	5,375,343
1926-1930	39,562,938	2,971,808	178,599	22,228	11,797,300	536,823	27,580	7,080,924
1931-1935	20,002,352	828,436	46,310	5,780	6,891,694	181,332	14,569	3,356,504
1936-1940	38,066,564	1,334,946	139,217	6,511	13,664,259	791,090	8,963	6,217,207
1941-1945	62,735,684	2,211,838	276,472	14,372	21,870,112	1,307,781	1,853	11,284,428
1946-1950	64,407,247	2,073,009	314,026	6,724	23,735,837	1,029,037	60,496	10,210,438
1935	26,840,298	796,921	57,873	6,337	9,734,073	253,738	13,141	4,767,187
1936	37,857,544	1,366,228	82,270	8,700	13,010,595	346,753	25,796	6,822,492
1937	41,178,356	1,619,228	165,964	9,294	15,721,261	885,199	10,095	6,755,012
1938	23,568,951	697,642	92,648	4,059	8,506,233	573,817	7,167	3,484,923
1939	39,667,553	1,312,647	66,183	8,718	13,931,919	729,366	1,606	6,138,350
1940	48,660,369	1,678,986	289,020	1,780	16,551,288	1,420,311	153	7,885,261
1941	62,324,187	1,927,851	169,542	7,672	20,293,071	1,054,180	125	10,978,698
1942	62,445,914	2,096,159	255,159	14,435	21,237,072	1,364,824	254	11,939,982
1943	63,282,673	2,126,996	311,861	7,384	22,543,040	1,551,567	468	11,858,047
1944	65,803,979	2,490,656	316,915	9,893	23,463,059	1,246,556	5,665	11,161,194
1945	59,811,669	2,417,620	327,883	32,474	19,314,316	1,341,777	2,751	10,484,218
1946	50,936,772	1,965,642	385,584	7,997	16,324,199	1,169,040	2,255	8,880,428
1947	66,202,144	2,441,179	500,582	10,267	23,325,500	1,272,770	1,843	10,781,625
1948	69,181,952	2,207,622	308,375	6,784	25,694,480	868,286	32,280	11,150,874
1949	60,882,387	1,901,020	238,196	1,106	23,470,886	1,106,914	43,360	9,054,099
1950	74,822,981	1,849,580	137,391	7,465	29,864,122	738,176	222,740	11,185,166

YEARLY AVERAGE OR YEAR (CALENDAR YEAR)	Skeelp production	WIRE RODS			STRUCTURAL SHAPES			All other finished rolled production ²
		Production	Exports	Imports	Production	Exports	Imports	
1891-1895		709,238		38,980	⁵ 481,457			2,772,234
1896-1900		1,018,997	⁶ 18,124	20,257	772,149	⁶ 54,742		3,603,643
1901-1905	⁴ 1,608,314	1,781,114	18,306	20,597	1,348,246	62,329	⁷ 14,432	1,415,004
1906-1910	1,868,915	2,303,540	15,011	17,248	2,169,385	135,616	12,440	2,223,590
1911-1915	2,511,342	2,933,601	84,252	13,198	⁸ 2,739,958	297,798	7,114	3,392,518
1916-1920	3,123,005	3,336,179	162,072	4,188	3,340,000	376,744	3,143	5,477,829
1921-1925	3,345,985	2,836,325	31,408	4,803	3,199,711	224,177	31,317	4,031,879
1926-1930	3,752,372	3,148,573	35,039	16,096	4,489,127	311,101	160,219	6,322,836
1931-1935	1,248,507	2,065,158	25,456	12,505	1,631,689	66,574	45,874	3,980,346
1936-1940	2,282,301	3,424,361	97,413	12,251	3,317,886	237,283	49,232	7,825,593
1941-1945	3,100,884	4,754,339	148,351	482	5,052,009	287,706	6,278	14,962,077
1946-1950	3,481,308	5,106,991	46,263	27,354	5,113,049	492,714	72,189	14,686,614
1935	1,514,328	2,733,689	29,228	18,794	1,959,709	64,191	46,593	5,354,391
1936	2,415,394	3,357,626	39,057	21,180	3,245,346	98,143	68,974	7,039,863
1937	2,553,445	3,370,405	67,209	17,717	3,670,068	208,072	87,666	7,488,937
1938	1,403,540	2,361,630	24,957	5,914	2,082,685	142,822	44,379	5,032,298
1939	2,330,128	3,680,297	35,224	11,975	3,358,985	182,731	44,277	8,315,227
1940	2,709,000	4,351,848	320,621	4,465	4,232,346	554,644	859	11,251,640
1941	3,637,574	5,268,423	187,326	119	5,724,236	365,238	356	14,494,334
1942	2,900,741	4,632,017	145,251	57	5,816,321	229,757	166	13,823,622
1943	3,022,398	4,093,798	176,039	31	4,575,844	239,985	169	14,472,550
1944	3,849,682	4,046,298	123,804	2	4,676,481	235,592	28,017	16,316,609
1945	2,894,023	4,531,157	109,394	2,199	4,467,164	367,956	2,682	15,703,271
1946	2,534,848	4,520,280	62,355	6,052	4,387,664	449,219	874	12,323,711
1947	3,450,460	5,376,003	71,237	6,016	5,607,671	752,790	1,731	15,219,706
1948	3,617,703	5,430,603	38,143	6,613	5,455,523	499,166	65,830	15,635,147
1949	3,639,074	4,388,394	53,315	5,734	4,672,284	483,211	114,505	13,766,830
1950	4,164,454	5,819,677	6,264	112,353	5,442,104	279,182	178,007	16,497,878

¹ Includes skeelp beginning 1922.

² Merchant bars include concrete reinforcement bars and, beginning 1934, certain miscellaneous bars previously included in "All other finished rolled production."

³ Average for years 1887-90.

⁴ Average for years 1902-05.

⁵ Average for years 1892-95.

⁶ Average for period July 1, 1897, to Dec. 31, 1900.

⁷ Average for period July 1, 1903, to Dec. 31, 1905.

⁸ Small structural forms not included in 1911.

Source: Production, American Iron and Steel Institute, annual report. Exports and imports, Department of Commerce, Bureau of Census; annual report, *Foreign Commerce and Navigation of the United States*, and records.

No. 976.—IRON AND STEEL—AGGREGATE EXPORTS: 1890 TO 1951

[Covers products listed in table 977; excludes data for highly elaborated products of iron and steel. Value figures through 1920 exclude, and those beginning 1923 include data for small items for which quantity figures are not available. Ferromanganese data included for all years. Data for steam and hot-water heating boilers and radiators, formerly classified as heavy iron and steel products, excluded beginning with 1923]

[Quantities in thousands of short tons (2,000 pounds); values in thousands of dollars]

YEAR	Quantity	Value	YEAR	Quantity	Value	YEAR	Quantity	Value
1890.....	58	-----	1928.....	3,209	179,881	1940.....	11,876	524,426
1895.....	100	-----	1929.....	3,402	200,203	1941.....	8,029	506,901
1900.....	1,292	42,518	1930.....	2,220	139,039	1942.....	7,387	598,939
1905.....	1,131	33,813	1931.....	1,085	63,226	1943.....	7,245	621,847
1910.....	1,723	63,436	1932.....	666	28,857	1944.....	6,148	560,178
1915.....	3,957	140,903	1933.....	1,502	45,534	1945.....	5,203	461,147
1920.....	5,527	458,376	1934.....	3,150	88,691	1946.....	5,149	449,843
1923.....	2,251	167,247	1935.....	3,431	88,414	1947.....	6,904	830,655
1924.....	2,023	150,494	1936.....	3,636	112,692	1948.....	4,885	659,779
1925.....	1,974	144,262	1937.....	8,488	302,360	1949.....	5,146	714,780
1926.....	2,427	174,145	1938.....	5,766	185,432	1950.....	3,248	465,141
1927.....	2,445	160,609	1939.....	6,814	236,947	1951.....	3,717	606,525

No. 977.—IRON AND STEEL—EXPORTS, BY KIND: 1948 TO 1951

[Effective Jan. 1948, includes shipments under Army Civilian Supply Program]

ARTICLE	QUANTITY (TONS OF 2,000 LBS.)				VALUE (\$1,000)			
	1948	1949	1950	1951	1948	1949	1950	1951
Total.....	4,885,029	5,146,023	3,248,191	3,717,497	659,779	714,780	465,141	606,525
Pig iron, not including ferro-alloys..	7,032	81,300	6,813	6,555	217	3,354	322	352
Ferromanganese and spiegeleisen...	19,747	6,627	942	718	2,993	1,360	161	211
Other ferro-alloys.....	64,222	11,185	46,173	59,453	7,330	3,680	2,839	5,364
Scrap.....	243,690	297,388	216,964	235,527	12,547	7,293	6,014	8,736
Ingots, blooms, sheet bars, skelp, etc	277,261	374,617	178,193	242,491	20,108	30,014	13,683	20,937
Iron and steel bars and alloy steel bars.	542,934	441,759	118,840	197,716	60,623	50,669	15,187	26,390
Wire rods.....	38,143	53,315	6,264	4,148	3,764	5,019	596	481
Galvanized sheets.....	62,783	85,504	100,361	68,086	8,212	13,071	16,663	12,515
Plates, iron and steel.....	347,698	417,007	112,224	160,542	33,448	41,543	12,111	19,323
Black steel sheets.....	416,481	551,246	501,175	525,076	57,396	74,988	68,025	80,987
Black iron sheets.....	17,773	22,650	17,046	14,050	2,008	2,639	2,087	1,774
Hoop, band, and strip steel.....	128,577	139,752	92,880	113,214	19,975	21,815	16,152	21,803
Tin plate, template, etc.....	613,784	695,063	557,170	621,334	97,103	101,842	88,629	126,692
Structural shapes, plain material.....	292,176	302,700	153,570	232,035	23,383	25,680	13,800	22,407
Structural materials, fabricated.....	223,307	205,723	129,982	103,331	46,535	40,573	31,626	29,281
Tanks, complete and knocked down	92,448	106,003	39,147	33,304	15,327	19,037	8,441	8,797
Metal lath.....	7,233	5,116	3,000	4,684	1,661	1,260	805	1,326
Steel rails.....	308,375	42,644	55,969	38,350	22,822	3,144	3,245	2,626
Rail fastenings, switches, frogs, etc.	71,756	34,352	35,270	40,284	9,650	5,828	4,924	7,075
Boiler tubes.....	38,455	47,169	15,541	18,616	7,784	9,799	3,760	6,630
Casing and oil-line pipe.....	371,914	492,929	452,159	464,034	48,027	72,067	61,865	70,556
Seamless black pipe, except casing and oil-line.....	21,692	25,782	17,328	17,203	3,377	4,252	3,113	3,785
Black and galvanized welded pipe...	103,321	200,301	124,870	112,419	17,645	33,537	19,053	19,833
Cast-iron pipe and fittings.....	39,284	58,745	27,602	49,775	5,635	7,774	3,828	6,990
Malleable-iron screwed pipe fittings.	4,490	5,522	4,099	4,489	3,327	4,038	2,740	3,555
All other iron and steel pipe and fittings, n. e. s.....	68,938	55,291	30,829	43,582	29,076	26,917	15,840	20,764
Barbed-wire and woven-wire fencing	51,410	92,055	17,419	23,807	8,786	15,187	2,984	4,726
Plain and galvanized wire.....	127,141	180,730	37,059	70,315	21,245	21,115	7,238	13,263
Woven-wire screen cloth.....	5,738	4,298	2,331	3,026	4,294	3,487	1,808	2,344
Wire rope and wire strand.....	13,643	12,915	11,632	18,040	4,846	5,286	4,650	8,200
Electric welding rods.....	15,834	15,945	11,853	14,746	3,489	4,161	3,419	4,616
Wire, other, and manufactures thereof.....	41,518	20,246	12,625	23,258	12,245	6,278	4,128	7,552
Wire nails.....	19,662	25,910	3,097	8,737	3,358	4,188	555	1,635
Nails other than wire, tacks, staples.	14,914	11,572	3,717	5,521	4,384	3,178	1,563	2,241
Horseshoes.....	582	418	340	568	113	90	63	108
Bolts, nuts, rivets, and washers.....	54,311	26,129	16,213	21,594	16,908	12,045	8,596	13,531
Car wheels and axles.....	38,714	62,066	25,837	19,001	6,134	10,354	4,187	3,207
Iron castings.....	46,147	46,278	39,708	52,143	5,722	6,028	5,443	7,538
Steel castings.....	4,838	3,834	3,653	5,931	2,055	1,406	1,293	2,199
Forgings.....	27,063	23,748	18,296	33,794	5,621	4,792	3,707	7,251

¹ Except railroad.

Source of tables 976 and 977: Department of Commerce, Bureau of the Census; annual report, *Foreign Commerce and Navigation of the U. S.*, and records.

No. 978.—IRON AND STEEL—AVERAGE ANNUAL PRICES, BY CLASS OR KIND: 1891 to 1951

[Prices of pig iron, rails, and billets, and wire rods in dollars per long ton (2,240 pounds); other prices in dollars per 100 pounds]

YEAR	PIG IRON			Open hearth rails at mills in Penn- syl- vania ¹	Open hearth steel billets, Pitts- burgh ²	Wire rods, Pitts- burgh	Mer- chant bars, Pitts- burgh	Iron bars (best refined), Pitts- burgh ⁴	Tank plates, Pitts- burgh	Struc- tural shapes, Pitts- burgh ⁵	Com- posite finished steel
	Basic, The Val- leys	South- ern, No. 2, Cincin- nati	Local, No. 2, Chi- cago ¹								
1891-1895.....	-----	11.74	12.80	27.27	20.89	-----	-----	1.46	-----	-----	-----
1896-1900.....	-----	12.56	14.30	24.96	21.08	-----	-----	1.50	1.61	1.63	-----
1901-1905.....	-----	15.80	17.50	27.87	25.76	-----	-----	1.47	1.77	1.60	1.63
1906-1910.....	16.87	17.66	10.42	28.00	26.60	-----	-----	1.47	1.75	1.57	1.58
1911-1915.....	13.66	14.10	14.72	28.00	22.43	-----	-----	1.31	1.47	1.32	1.32
1916-1920.....	32.22	34.17	33.29	44.94	51.78	61.77	2.98	3.82	3.73	2.94	3.45
1921-1925.....	22.31	25.23	24.03	42.76	36.74	46.24	2.03	3.97	2.02	2.05	2.42
1926-1930.....	17.62	20.05	10.67	43.00	33.49	41.68	1.87	4.44	1.84	1.85	2.22
1931-1935.....	19.19	16.56	17.31	39.49	27.25	36.55	1.69	3.48	1.68	1.69	1.98
1936-1940.....	21.48	22.01	21.98	40.04	33.92	43.62	2.21	4.35	2.09	2.09	2.35
1941-1945.....	23.70	24.61	24.20	40.49	34.00	45.21	2.16	5.37	2.12	2.10	2.31
1936.....	19.10	19.99	19.60	36.59	29.68	39.12	1.95	3.70	1.85	1.85	2.12
1937.....	22.99	23.20	23.49	41.86	36.45	46.27	2.40	4.50	2.21	2.21	2.54
1938.....	21.70	22.18	22.20	41.77	35.45	44.93	2.35	4.50	2.17	2.17	2.46
1939.....	21.09	21.64	21.59	40.00	34.00	43.00	2.19	4.40	2.10	2.10	2.31
1940.....	22.53	23.06	23.03	40.00	34.00	44.80	2.15	4.64	2.10	2.10	2.27
1941.....	23.50	24.02	24.00	40.00	34.00	44.80	2.15	5.00	2.10	2.10	2.40
1942.....	23.50	24.52	24.00	40.00	34.00	44.80	2.15	5.00	2.10	2.10	2.40
1943.....	23.50	24.25	24.00	40.00	34.00	44.80	2.15	5.14	2.10	2.10	2.40
1944.....	23.50	24.81	24.00	40.00	34.00	44.80	2.15	5.85	2.10	2.10	2.40
1945.....	24.52	25.44	25.02	42.44	34.00	46.55	2.21	5.85	2.21	2.10	2.45
1946.....	27.14	27.61	27.04	43.67	35.21	45.29	2.47	6.32	2.47	2.32	2.69
1947.....	34.78	35.88	34.80	42.60	44.38	47.73	2.73	7.12	2.80	2.63	3.01
1948.....	41.62	49.47	41.77	42.83	50.46	53.44	3.13	(10)	3.19	3.00	3.43
1949.....	46.00	46.08	46.50	43.21	53.56	53.58	3.37	(10)	3.43	3.26	3.71
1950.....	47.03	55.58	47.58	43.42	53.25	53.87	3.47	(10)	3.52	3.42	3.86
1951.....	52.00	55.58	52.50	43.60	56.00	44.20	3.70	(10)	3.70	3.65	4.13

¹ At furnace after 1907.

² Bessemer billets prior to 1927.

³ Average for 1898-1900.

⁴ Average for week of Dec. 28, 1948.

⁵ Average for week of Jan. 2, 1951.

⁶ Bessemer rails prior to Oct. 22, 1921.

⁷ Muck iron in 1891.

⁸ Average for 1919-1920.

⁹ Not available.

¹⁰ Average for week of Jan. 1, 1952.

¹¹ Beams prior to Mar. 19, 1929.

¹² Dollars per 100 pounds.

¹³ Average for week of Dec. 27, 1949.

¹⁴ Re-rolling.

Source: *Steel and The Iron Age*, annual review issues; and American Iron and Steel Institute, annual report.

No. 979.—ALUMINUM AND MAGNESIUM—SHIPMENTS OF WROUGHT PRODUCTS AND CASTINGS: 1944 to 1951

[Thousands of pounds]

ITEM	1944	1945	1946	1947	1948	1949	1950	1951
Aluminum, total.....	514,400	395,007	1,529,560	1,875,990	2,111,803	1,509,924	2,256,531	2,192,293
Castings:								
Sand.....	321,200	213,892	160,845	163,321	153,845	122,604	184,782	164,731
Permanent mold.....	106,200	108,269	153,138	186,783	183,627	123,523	181,366	131,268
Die.....	84,200	70,667	73,702	115,644	128,903	98,340	167,201	129,404
All other.....	2,800	2,189	1,026	2,090	5,242	7,311	9,733	10,656
Wrought products: ¹								
Plate, sheet, and strip.....			866,982	1,111,150	1,268,297	790,025	1,163,135	1,073,367
Rolled structural shapes, rod, bar and wire.....	(2)	(2)	130,638	157,379	182,091	203,650	269,780	345,163
Extruded shapes, tube blooms and tubing.....			126,078	123,048	171,944	149,995	258,075	312,944
Powder, flake and paste.....			17,151	16,566	16,954	14,476	22,459	24,770
Magnesium, total ²	213,418	89,770	15,114	13,021	15,224	19,317	28,034	(2)
Castings.....	201,487	83,752	8,472	8,214	9,359	11,053	15,224	(2)
Wrought products ³	11,931	6,018	6,642	4,807	5,865	8,264	12,810	19,090

¹ Producers' net shipments consist of total shipments less shipments to other metal mills for further fabrication into other forms of wrought products.

² Not available.

³ Excludes extruded sheet stock, forging stock, powder, and sticks.

Source: Department of Commerce, Bureau of the Census; *Facts for Industry*, Series M24-1, and M24E.

No. 980.—FERROUS CASTINGS—SHIPMENTS AND UNFILLED ORDERS: 1946 TO 1951

[In thousands of short tons. 1947-49 data for steel castings and gray iron castings, and 1951 data for gray iron castings are estimates of complete coverage based on sample of foundries. All other data represent complete coverage]

ITEM	1946	1947	1948	1949	1950	1951
GRAY IRON CASTINGS						
Shipments, total ¹	10,270	12,753	13,207	11,050	13,725	14,989
Pressure pipe and fittings.....	786	1,034	1,155	1,037	1,215	1,473
Soil pipe and fittings.....	409	584	654	582	795	688
All other gray iron castings.....	9,075	11,135	11,398	9,431	11,715	12,828
Unfilled orders, Dec. 31, total ²	2,980	2,826	2,346	931	2,142	1,847
Pressure pipe and fittings.....	775	1,017	961	296	617	537
Soil pipe and fittings.....	355	303	253	65	208	27
All other gray iron castings.....	1,850	1,506	1,132	570	1,317	1,283
MALLEABLE IRON CASTINGS						
Shipments, total.....	752	899	941	723	942	1,085
For sale.....	452	514	527	373	537	656
For own use.....	300	385	414	350	405	429
Unfilled orders, Dec. 31, total ²	268	206	143	64	222	215
STEEL CASTINGS						
Shipments, total ¹	1,432	1,632	1,778	1,260	1,481	2,050
Carbon.....	1,112	1,259	1,408	963	1,130	1,541
Alloy.....	320	373	370	297	351	509
Unfilled orders, Dec. 31, total ²	362	494	360	124	570	846
Carbon.....	292	417	298	86	476	820
Alloy.....	70	77	62	38	94	226

¹ Includes shipments for "own use."

² Unfilled orders for sale only.

Source: Department of Commerce, Bureau of the Census; monthly data published currently in *Facts for Industry* Series M21C.

No. 981.—COPPER AND COPPER-BASE ALLOY ROLLED, DRAWN AND EXTRUDED PRODUCTS—SHIPMENTS, BY KIND: 1939 AND 1947

[In short tons (2,000 pounds). Covers shipments and interplant transfers of copper and copper-base alloy products, including production of these items consumed by producing plant in manufacturing fabricated products. These figures, therefore, represent gross shipments of copper and copper-base alloy products. 1939 figures for copper-base alloys refer to brass and bronze products only; figures for other copper-base alloys excluded and to this extent data not comparable with 1947. Data on shipments, interplant transfers, and produced and consumed in same plant have been combined since data are not comparable for each of these measures separately. Some establishments which reported rolling mill and fabricating operations at same location in 1939 treated each of these operations as separate establishments in 1947. For this reason some of tonnage reported as produced and consumed in same establishment in 1939 was considered as interplant transfers in 1947]

PRODUCT	1939	1947
Copper and copper-base alloy wire and cable, bare and tinned.....	381,666	911,207
Unalloyed copper.....	336,603	835,927
Copper-base alloy.....	45,063	75,280
Other copper and copper-base alloy rolled, drawn and extruded products.....	842,027	1,526,783
Unalloyed copper:		
Rod and bar.....	¹ 204,903	477,196
Plate, sheet, and strip.....	107,707	165,438
Pipe and tube.....	72,795	185,910
Copper-base alloys:		
Rod.....	¹ 135,156	242,542
Shapes, drawn, and extruded.....	² 6,357	28,611
Plate, sheet, and strip.....	221,224	329,467
Plate and tube.....	93,885	97,619

¹ Excludes tonnage of rods reported as produced and consumed in same establishment, most of which was consumed in production of wire, rather than fabricated products.

² Includes extruded shapes only.

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports.

No. 982.—SELECTED METAL PRODUCTS—FACTORY SHIPMENTS: 1949 AND 1950

[Leaders indicate no data available]

PRODUCT AND UNIT OF MEASURE	1949		1950	
	Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
Containers and closures:				
Steel shipping barrels and drums.....number	31,790,472	-----	36,778,806	-----
Steel packages, kegs, and pails.....do	55,428,143	-----	69,157,839	-----
Metal cans.....short tons of steel consumed	3,276,918	-----	3,893,384	-----
Food.....do	2,261,470	-----	2,550,949	-----
Non-food.....do	1,015,448	-----	1,342,435	-----
Crowns.....gross	290,397,107	-----	343,376,567	-----
Closures (except crowns).....1,000	-----	-----	-----	-----
Commercial.....do	9,982,683	-----	14,238,468	-----
Home canning.....gross	-----	-----	-----	-----
Heating and cooking equipment:				
Domestic cooking stoves and ranges.....number	3,378,933	302,878	4,990,759	471,060
Electric.....do	903,806	111,936	1,602,382	199,155
Gas, including bungalow.....do	2,032,216	160,524	2,946,386	240,590
Liquid fuel.....do	185,939	7,501	190,776	7,377
Coal and wood.....do	169,928	8,153	151,162	7,611
Combination.....do	87,044	14,764	100,053	16,327
Domestic heating stoves.....do	3,662,771	70,606	4,232,409	88,248
Gas.....do	1,441,335	22,834	2,023,278	34,657
Liquid fuel.....do	1,265,865	36,644	1,320,616	44,615
Coal and wood.....do	955,571	11,128	888,515	8,976
Water heaters.....do	2,391,359	117,226	3,723,888	177,539
Electric.....do	516,622	32,963	809,554	51,852
Non-electric.....do	1,874,737	84,263	2,914,134	125,687
Direct-fired.....do	1,732,363	77,118	2,642,254	115,494
Indirect.....do	142,374	7,145	271,880	10,193
Range boilers.....do	420,486	6,086	494,575	5,563
Cast iron boilers.....1,000 pounds	206,296	40,525	267,911	54,676
Cast iron radiators and convectors.....1,000 sq. ft. heating surf.	35,888	19,936	48,175	26,436
Oil burners.....number	593,910	-----	913,369	-----
Residential.....do	569,445	-----	879,922	-----
Non-residential.....do	24,465	-----	33,447	-----
Mechanical stokers.....do	35,260	-----	25,037	-----
Warm air furnaces.....do	719,972	130,548	1,099,734	205,484
Forced air.....do	449,206	98,824	839,653	174,641
Gravity air.....do	270,766	31,724	260,081	30,843
Construction machinery:				
Power cranes and shovels.....do	4,114	89,204	5,108	109,006
Dozers.....do	15,414	23,640	24,044	36,540
Tracklaying tractors.....do	42,749	196,622	43,590	223,042
Plumbing fixtures:				
Bathtubs, cast iron and steel.....do	1,475,743	-----	2,308,310	-----
Lavatories.....do	2,504,791	-----	3,502,474	-----
Vitreous china.....do	967,882	-----	1,412,126	-----
Cast iron and steel.....do	1,536,909	-----	2,090,348	-----
Kitchen sinks.....do	2,120,629	-----	2,900,758	-----
Vitreous china.....do	13,549	-----	17,797	-----
Cast iron.....do	1,123,557	-----	1,415,519	-----
Steel.....do	963,523	-----	1,477,442	-----
Transportation equipment:				
Truck trailers.....do	34,273	119,098	65,966	229,685
Complete trailers.....do	32,747	-----	63,619	-----
Trailer chassis only.....do	1,526	-----	2,347	-----
Complete aircraft (civilian).....do	3,545	121,447	3,520	100,097
Aircraft engines (civilian).....do	3,982	14,237	4,314	20,058
Domestic water systems.....do	527,964	41,876	722,647	60,204

¹ Includes a small quantity of other metals and glazed earthenware.Source: Department of Commerce, Bureau of Census; *Facts for Industry* series. Data for power cranes and shovels from Power Crane and Shovel Association. Data on electric stoves and electric water heaters from National Electric Manufacturers' Association.

NO. 983.—MACHINERY—VALUE OF PRINCIPAL CLASSES MANUFACTURED: 1929 TO 1947

[In thousands of dollars. Figures represent total value of production (or shipments) of specified commodities reported by all establishments producing these commodities. Data for selected groups of commodities only are shown. For 1929 and 1947, value represents value of shipments; for other years, value of production]

CLASS	1929	1933	1935	1937	1939	1947
Agricultural machinery (except tractors) ¹	278, 271	(?)	139, 098	226, 274	182, 683	758, 326
Automatic merchandising machines.....	8, 821	5, 472	5, 989	8, 978	6, 154	14, 535
Bakery machinery and equipment.....	21, 730	7, 332	11, 869	18, 120	17, 582	39, 441
Blowers and fans.....	25, 243	6, 955	15, 830	26, 282	² 24, 561	³ 129, 913
Bottlers' machinery (except dairy).....	11, 082	9, 157	8, 264	21, 135	11, 959	34, 442
Cash registers, adding, calculating, and card tabulating machines, and typewriters.....	151, 583	46, 577	⁴ 83, 217	118, 552	104, 675	⁵ 441, 972
Cement-making machinery and equipment.....	4, 387	545	1, 646	2, 065	3, 035	8, 111
Clay-working machinery (brick, pottery, etc.).....	4, 402	591	1, 071	2, 727	2, 059	6, 983
Commercial laundry, dry-cleaning, and pressing machinery.....	⁶ 36, 110	⁷ 7, 993	⁸ 14, 241	21, 969	20, 727	93, 078
Concrete products machinery and equipment.....	4, 132	224	1, 809	4, 053	1, 739	17, 974
Conveyors and conveying systems.....	48, 537	11, 413	22, 045	33, 911	29, 773	142, 573
Cotton-ginning machinery.....	11, 760	2, 165	4, 892	11, 300	5, 115	20, 433
Elevators, escalators, and dumb-waiters.....	44, 044	8, 322	9, 110	21, 235	16, 244	82, 845
Engines (steam and internal-combustion) and turbines:						
Steam engines.....	(?)	(?)	(?)	1, 738	1, 155	2, 183
Steam turbines.....	(?)	(?)	(?)	16, 214	15, 439	15, 722
Hydraulic turbines.....	(?)	(?)	(?)	(?)	5, 885	10, 740
Internal-combustion engines.....	(?)	(?)	(?)	91, 843	90, 817	423, 040
Flour-mill and grain-mill machinery.....	8, 286	2, 354	5, 167	6, 916	6, 087	25, 437
Foundry machinery ⁹	10, 639	1, 957	5, 585	9, 156	6, 804	34, 431
Glass-making machinery.....	3, 688	1, 895	3, 543	4, 729	4, 459	21, 609
Locomotives.....	82, 909	2, 748	21, 735	65, 163	42, 667	302, 251
Machine tools.....	147, 316	16, 457	64, 515	162, 046	166, 649	322, 356
Motor vehicles:						
Passenger cars, complete.....	(?)	(?)	(?)	(?)	1, 799, 503	4, 080, 311
Trucks, truck tractors, truck chassis, motor coaches, and fire department vehicles.....	(?)	(?)	(?)	(?)	462, 517	1, 804, 689
Oil-field machinery and tools.....	(?)	(?)	(?)	121, 881	84, 153	262, 939
Petroleum refinery machinery and equipment.....	30, 210	4, 807	7, 931	14, 816	16, 360	22, 478
Printing trades machinery and equipment.....	(?)	(?)	(?)	74, 013	52, 583	191, 282
Pulp and paper industries machinery.....	(?)	(?)	(?)	41, 341	31, 227	134, 713
Pumps, pumping equipment, and air compressors:						
Reciprocating pumps.....	(?)	(?)	(?)	8, 159	5, 479	13, 910
Centrifugal pumps.....	(?)	(?)	(?)	19, 539	18, 630	74, 904
Rotary pumps.....	(?)	(?)	(?)	7, 663	8, 450	27, 724
Turbine pumps.....	(?)	(?)	(?)	(?)	(?)	31, 015
Air compressors.....	(?)	(?)	(?)	28, 325	21, 233	101, 656
Rolling mill machinery and equipment.....	(?)	(?)	(?)	52, 139	34, 605	90, 074
Rubber-working machinery.....	13, 552	3, 347	4, 883	12, 271	13, 685	40, 445
Scales and balances.....	25, 385	6, 805	12, 191	17, 169	13, 544	49, 202
Sewing machines (domestic and industrial).....	37, 378	10, 274	18, 250	24, 593	20, 304	63, 643
Shoemaking and repairing machinery.....	12, 317	8, 130	10, 245	10, 903	10, 603	23, 708
Stokers, mechanical.....	14, 054	5, 629	11, 537	22, 176	20, 275	18, 392
Sugar plant machinery.....	5, 046	794	1, 260	4, 344	2, 935	16, 949
Textile machinery and parts.....	115, 525	57, 892	64, 899	³ 100, 696	85, 601	379, 988
Tobacco manufacturing machinery and equipment.....	5, 018	1, 106	1, 693	3, 679	3, 337	20, 146
Tractors (all types).....	214, 721	(?)	137, 990	258, 855	203, 865	744, 272
Vacuum cleaners (household type).....	35, 108	14, 411	24, 191	36, 029	44, 160	⁸ 133, 107
Washing machines and other domestic laundry equipment.....	79, 011	42, 422	50, 513	73, 291	⁷ 66, 282	⁷ 433, 955

¹ From annual survey, Farm Machines and Equipment, series M35A.

² No comparable data.

³ Not strictly comparable with figures for earlier years.

⁴ Includes postal meters.

⁵ Excludes dry-cleaning machinery.

⁶ Excludes patterns and molds (of wood, metal, etc.).

⁷ Includes parts and attachments.

Source: Department of Commerce, Bureau of the Census; Census of Manufactures reports.

No. 984.—ELECTRICAL MACHINERY—VALUE OF SELECTED PRODUCTS: 1933 TO 1947

[In thousands of dollars. Figures represent total value of production (or shipments) of specified commodities reported by all establishments producing these commodities. Data for selected groups of commodities only are shown. For 1947, value represents value of shipments; for other years, value of production]

PRODUCT	1933	1935	1937	1939	1947
Batteries, storage and primary (dry and wet):					
Storage batteries.....	52,129	65,901	78,250	81,122	293,358
Dry batteries (cells).....	12,929	15,807	20,080	25,900	73,073
Wet primary batteries and parts and supplies for dry batteries and wet primary batteries.....	2,386	4,510	3,947	4,195	5,021
Carbon and graphite products:					
Brushes (carbon, graphite, metal-graphite and metal-impregnated).....	2,282	4,150	6,511	2 4,654	2 16,243
Other carbon and graphite products (including electrodes).....	6,715	8,320	13,921	2 13,931	2 52,361
Electric hearing aids.....	(¹)	(²)	(³)	3,671	16,868
Electrical appliances.....				94,754	2 83,340
Fans (direct motor-driven).....				15,565	8,286
Water heaters (for permanent installation).....	(³)	(²)	5,605	3,453	59,884
Mixers, whippers, and juicers.....			7,372	6,546	24,565
Commercial cooking apparatus.....			2,765	3,334	13,478
Other electrical appliances.....			63,447	2 61,730	2 401,754
Electrical measuring instrument:					
Electrical integrating instruments.....	(³)	(³)	23,636	19,233	50,046
Other electrical measuring instruments.....			15,300	17,912	98,407
Electric lamps:					
Incandescent-filament.....	4 40,849	62,703	74,304	73,119	145,352
Other.....	(³)	2,072	3,588	6,185	49,036
Electro-therapeutic apparatus.....	(³)	(²)	(³)	5,823	7,601
Engine electrical equipment:					
Battery charging generators (not including automotive starter-motors).....	(³)	(³)	22,359	14,049	50,422
Ignition apparatus for internal-combustion engines.....	23,432	40,528	58,201	69,727	149,110
Fuse and fuse equipment under 2,300 volts (except power distribution cut-outs).....	4,825	5,013	7,117	6,879	20,608
Industrial electrical control equipment (except railway and motor-vehicle controllers).....	15,165	28,230	47,388	46,039	169,910
Insulated wire and cable.....	65,637	122,226	245,342	204,430	895,128
Magnet wire.....	10,141	16,899	29,805	25,431	381,825
Armored cable or conductor.....	4,411	6,845	8,917	12,985	23,914
Weatherproof and slow burning.....	51,085	12,344	22,680	20,856	76,256
Other.....		86,138	183,940	145,168	413,133
Radios, radio tubes and phonographs:					
Household radio receivers, television sets, radio phonographs, phonographs, and record players.....				186,404	810,066
Home radio receivers, socket powered.....				95,760	184,668
Radio-phonograph combinations (except television sets).....	(³)	(²)	(³)	17,193	311,932
Phonographs and record players.....				22,506	81,432
Television sets.....				806	50,038
Automobile radios (broadcast receivers only).....				27,444	102,560
Other.....				22,695	79,386
Electronic type components for communications and industrial electronic controls.....	(³)	(³)	(³)	75,340	348,916
Radio receiving type tubes (except ballast tubes, voltage regulators and indicators).....	(³)	(³)	(³)	38,063	93,932
Transmitting and industrial type tubes except X-ray.....	(³)	(³)	(³)	5,116	25,321
Phonograph records.....	(³)	(³)	(³)	19,762	102,015
Switchboard apparatus (circuit breakers, panelboards, switchboards and switches):					
Panelboards and distribution boards.....		7,896	16,692	14,451	34,755
Knife, power and other switches.....		5,382	13,049	15,447	71,254
Circuit breakers.....		8,019	22,452	17,199	69,059
Power switchboards.....	(³)	9,008	21,221	18,133	115,216
Power switching equipment, power connectors, distribution cut outs and fuse links for 2,300 volts and over A. C. service.....		5,884	14,730	11,752	39,996
Telephone and telegraph apparatus (not incl. wireless).....	21,180	43,584	115,883	94,496	631,919
Transformers (except for measuring instruments).....	13,094	28,881	83,613	65,064	326,777
Wiring devices and supplies.....	38,948	63,559	109,529	2 103,601	2 375,653
X-ray equipment and X-ray tubes.....	(³)	(³)	(³)	12,619	49,559

¹ Includes parts and supplies.

² Not strictly comparable with data for earlier years.

³ Not available.

⁴ Includes X-ray tubes; for later years data are included in nonradio electronic tubes and X-ray tubes in "X-ray and therapeutic apparatus and electronic tubes" industry.

⁵ Includes television sets and facsimile sets.

⁶ Includes radio transformers.

Source: Department of Commerce, Bureau of the Census; Census of Manufactures reports.

No. 985.—SALES OF HOME APPLIANCES, 1940 TO 1951, AVERAGE RETAIL PRICE, 1951, AND HOMES OWNING AND WITHOUT APPLIANCES, JANUARY 1952

[In thousands of units, except light bulbs and tubes in millions. Compiled from sales reports and estimates of associations and manufacturers, and from Census Bureau surveys of manufacturers. Sales figures represent manufacturers' shipments. Unless otherwise specified, figures are for electric appliances only. Estimates for homes owning appliances and homes without appliances are based on the accumulation of yearly sales totals with certain allowances for replacement, trade-ins, junking, and other factors]

PRODUCT	1940	1946	1947	1948	1949	1950	1951		Jan. 1952	
							Sales	Average retail price	Homes owning ¹	Homes without ¹
Air conditioners, room.....	11	30	43	77	96	195	251	\$365.00	338	40,630
Bed coverings, electric.....		200	630	675	440	685	745	42.50	2,925	38,042
Blenders.....				215	175	225	260	39.50	1,070	39,897
Broilers.....		800	255	280	260	295	312	23.00	2,487	38,480
Cleaners, vacuum:										
Floor type.....	1,341	2,290	3,801	3,361	2,890	3,529	2,700	85.75	23,640	17,327
Hand type.....	359	80	186	290	191	230	165	30.25		
Clocks.....	3,600	6,500	9,729	9,995	6,110	8,300	7,650	6.95	32,293	8,675
Coffee makers.....	1,873	5,000	2,963	2,700	2,450	2,975	2,825	21.00	20,070	20,897
Dishwashers, motor-driven.....			120	225	160	230	260	300.00	1,050	39,917
Driers, clothes, electric and gas.....			58	92	106	319	495	239.00	983	39,985
Fans, desk and bracket.....	1,682	1,239	3,555	3,470	2,776	2,450	2,225	18.50		
Food waste units.....			100	175	155	320	335	135.00	1,116	39,851
Freezers, home.....		210	607	690	485	890	1,050	360.00	3,800	37,167
Fryers, deep fat.....						500	725	28.50		
Heaters, space, electric.....	528	2,000	1,850	1,300	835	1,115	975	14.95	9,052	31,915
Heating pads.....	932	2,900	2,140	1,600	1,350	1,725	1,450	6.95	12,263	28,704
Hotplates.....	415	2,000	1,453	1,225	820	1,160	940	9.25	8,512	32,455
Ironing machines.....	176	175	599	477	307	409	280	153.00	3,725	37,242
Irons.....	5,171	9,600	11,004	7,360	6,310	7,475	7,585	13.73	36,875	4,092
Kitchen cabinets, steel (wall, base, accessory).....		1,848	2,790	3,236	2,132	2,969	2,672	44.88		
Lamp bulbs and tubes.....	1,115	1,305	1,705	1,837	1,757	2,007	1,989	.25		
Incandescent.....	568	726	831	845	814	934	970	.23		
Other types.....	548	578	874	992	942	1,073	1,019	.27		
Mixers, food.....	460	1,800	1,220	1,550	1,375	1,700	1,600	42.50	11,432	29,536
Oil space heaters.....	390	1,006	2,004	1,235	741	878	750	91.00	6,750	37,814
Radio:										
Home radios.....	11,860	14,031	14,485	10,466	6,620	8,175	6,600	34.75	44,167	397
Other radios ²	2,200	1,153	5,506	6,052	4,789	6,415	6,175			
Ranges.....	450	577	1,210	1,000	1,056	1,830	1,490	245.00	9,350	31,617
Refrigerators.....	2,700	2,100	3,400	4,796	4,450	6,200	4,075	275.00	35,500	5,467
Roasters.....	260	150	410	675	350	400	442	41.95	3,443	37,524
Shavers.....	900	2,115	2,500	1,680	1,725	2,150	2,200	24.50	12,270	28,697
Television.....		7	179	975	3,000	7,464	5,100	308.00	14,546	26,421
Toasters.....	2,307	3,500	5,019	4,850	4,200	4,525	3,725	20.34	28,862	12,105
Waffle irons and sandwich grills.....	1,545	3,600	3,567	3,670	1,960	2,535	1,875	17.95	12,340	28,627
Washing machines ³	1,553	2,124	4,281	4,616	3,200	4,406	3,533	203.89	30,100	410,860
Water heaters, storage.....	125	488	1,100	1,040	695	990	845	135.00	5,230	35,737
Wax systems.....	259	626	730	650	600	735	625	155.00		

¹ All figures except radio, and oil space heaters, based on 40,967,000 domestic and farm electric customers. Radio and oil space heaters based on 44,564,000 total homes.

² Portable and automobile radios.

³ Includes gas engine washers except as noted.

⁴ Represents electric washers only.

Source: *Electrical Merchandising*, January 1952; published by McGraw-Hill Publishing Co., Inc., New York, N. Y.

No. 986.—EXPORTS OF SELECTED ELECTRIC HOME APPLIANCES: 1940 TO 1951

PRODUCT	1940	1944	1945	1946	1947	1948	1949	1950	1951
Vacuum cleaners.....	9,964	1,597	1,470	14,124	74,221	51,511	27,941	19,966	18,089
Clocks.....	86,686	3,632	27,306	140,134	410,673	192,881	259,840	315,273	241,544
Irons.....	162,587	1,187	63,762	256,454	563,947	354,964	243,747	241,471	206,765
Radios and televisions.....	558,598	70,092	38,547	832,377	1,520,818	710,490	452,879	422,958	432,771
Refrigerators ¹	102,082	2,970	7,134	102,798	273,713	271,354	166,139	199,527	377,356
Razors.....	36,758	2,072	1,913	35,435	125,833	32,413	22,150	25,410	54,619
Washing machines.....	29,657	138	1,109	30,304	118,821	70,594	56,887	52,582	62,440
Ranges.....	7,302	1,056	1,158	4,663	15,508	13,469	6,496	5,841	13,620

¹ Beginning 1949 includes home freezers.

Source: Department of Commerce, Bureau of the Census; annual report, *Foreign Commerce and Navigation of the U. S.*, and records.

No. 987.—FARM MACHINES AND EQUIPMENT (COMPLETE UNITS, ATTACHMENTS, AND PARTS)—SHIPMENTS, BY CLASS: 1945 TO 1950

[In thousands of dollars. Excludes data for tractors for nonfarm use. Data prior to 1947 represent sales, which do not differ significantly from shipments]

CLASS	1945	1946	1947	1948	1949	1950
Total	700, 177	850, 478	1, 294, 686	1, 733, 746	1, 813, 008	1, 795, 394
Farm machines and equipment (complete units).....	490, 504	622, 674	975, 088	1, 334, 345	1, 424, 068	1, 437, 587
Attachments and parts.....	209, 673	227, 804	318, 698	399, 401	388, 940	357, 807
COMPLETE UNITS, ATTACHMENTS, AND PARTS						
Plows and listers.....	40, 163	50, 694	83, 520	100, 605	99, 974	99, 958
Harrows, rollers, pulverizers, and stalk cutters.....	22, 598	36, 634	57, 423	80, 954	76, 860	77, 706
Planting, seeding, and fertilizing machinery.....	43, 286	53, 838	73, 977	109, 505	114, 875	113, 053
Cultivators and weedeers.....	33, 567	33, 942	50, 363	80, 069	70, 169	57, 082
Sprayers and dusters.....	14, 715	26, 280	39, 556	44, 458	32, 159	36, 959
Harvesting machinery.....	99, 361	113, 725	191, 570	247, 820	200, 555	288, 153
Haying machinery.....	49, 456	59, 855	94, 865	153, 395	151, 791	154, 979
Machines for preparing crops for market or for use.....	25, 230	36, 046	42, 013	42, 216	35, 383	30, 552
Farm poultry equipment.....	24, 868	23, 925	20, 602	20, 379	25, 345	30, 127
Farm dairy machines and equipment.....	46, 752	41, 553	31, 415	23, 443	20, 057	22, 969
Barn equipment.....	7, 087	9, 554	11, 802	13, 207	10, 050	11, 808
Barnyard equipment.....	8, 087	8, 844	8, 808	10, 915	13, 498	17, 777
Farm elevators and blowers.....	6, 144	10, 595	16, 389	25, 311	32, 735	34, 682
Farm wagons, trucks, and other farm transportation equipment.....	15, 864	28, 470	36, 014	38, 918	24, 339	26, 139
Tractors for farm use.....	262, 999	316, 523	536, 360	742, 551	815, 218	793, 450

Source: Department of Commerce, Bureau of the Census; published in *Facts for Industry*, Series M35A.

No. 988.—FARM MACHINES AND EQUIPMENT, ATTACHMENTS, AND PARTS—SHIPMENTS: 1929 to 1950

[In thousands of dollars. Includes data for tractors for nonfarm use; for figures excluding these data, see table 987 Survey suspended 1932-34. Data prior to 1947 represent sales, which do not differ significantly from shipments]

YEAR	Total	Farm machines and equipment	Attachments and parts	YEAR	Total	Farm machines and equipment	Attachments and parts
1929.....	492, 992	411, 681	81, 311	1942.....	622, 528	414, 536	207, 992
1930.....	417, 926	340, 276	77, 650	1943.....	602, 290	344, 854	257, 436
1931.....	208, 575	157, 745	50, 830	1944.....	1, 025, 207	694, 880	331, 327
1935.....	277, 089	218, 462	58, 627	1945.....	996, 557	697, 422	299, 135
1936.....	375, 128	301, 683	73, 445	1946.....	983, 515	699, 965	283, 550
1937.....	485, 130	405, 597	79, 533	1947.....	1, 502, 598	1, 100, 592	402, 006
1938.....	404, 047	316, 886	87, 161	1948.....	1, 961, 987	1, 475, 998	485, 989
1939.....	386, 549	300, 286	86, 263	1949.....	2, 062, 266	1, 588, 435	473, 831
1940.....	462, 415	360, 963	101, 452	1950.....	2, 102, 887	1, 637, 035	465, 852
1941.....	638, 605	506, 170	132, 435				

Source: Department of Commerce, Bureau of the Census; published in *Facts for Industry*, Series M35A.

No. 989.—TRACTORS, ATTACHMENTS, AND PARTS (FARM AND NONFARM)—SHIPMENTS, BY KIND: 1944 TO 1950

[Value in thousands of dollars. Data prior to 1947 represents sales, which do not differ significantly from shipments]

YEAR AND TYPE OF PRODUCT	Total value	COMPLETE UNITS				ATTACHMENTS AND PARTS (VALUE)	
		Farm		Nonfarm		Farm	Non-farm
		Number	Value	Number	Value		
Total:							
1944.....	655,938	258,117	170,153	53,877	262,832	76,959	145,994
1945.....	559,378	263,164	177,578	52,488	206,917	85,421	89,462
1946.....	449,561	364,725	221,840	32,119	77,292	94,683	55,746
1947.....	744,272	590,963	392,212	47,488	124,604	144,144	83,308
1948.....	970,792	697,633	547,704	41,053	141,653	194,847	86,588
1949.....	1,064,476	1,686,416	1,628,514	134,228	1,164,367	186,704	84,891
1950.....	1,100,943	1,663,031	1,620,072	135,000	1,199,448	173,378	108,045
Wheel type:							
1944.....	238,395	235,453	157,519	14,502	12,594	59,007	7,275
1945.....	250,069	224,985	153,170	18,707	15,726	74,695	6,478
1946.....	279,470	243,271	180,363	12,067	11,909	80,360	6,838
1947.....	475,086	413,783	331,653	14,882	17,682	117,586	8,165
1948.....	658,879	510,847	468,083	18,845	29,215	148,975	12,606
1949.....	723,129	1,534,946	1,543,005	110,422	29,425	141,920	8,779
1950.....	708,046	1,490,226	1,534,863	19,378	38,921	124,934	9,328
Tracklaying type:							
1944.....	416,137	6,221	10,415	38,966	250,168	16,866	138,698
1945.....	303,269	11,149	20,974	32,849	191,033	8,400	82,862
1946.....	142,150	8,898	18,118	17,367	64,817	10,569	48,646
1947.....	225,256	11,630	28,332	25,904	105,998	16,281	74,645
1948.....	268,930	17,365	49,569	22,208	112,438	32,941	73,982
1949.....	311,113	20,043	64,481	23,806	134,942	35,578	76,112
1950.....	360,437	18,978	62,960	25,622	160,527	38,233	98,717
Garden type:							
1944.....	3,406	16,443	2,219	409	70	1,086	31
1945.....	6,040	27,030	3,434	932	158	2,326	122
1946.....	27,941	112,556	23,359	2,685	566	3,755	261
1947.....	43,930	165,550	32,227	6,702	924	10,281	498
1948.....	42,983	169,421	30,052	(2)	(2)	12,931	(2)
1949.....	30,234	131,427	21,028	(2)	(2)	9,206	(2)
1950.....	32,460	153,827	22,249	(2)	(2)	10,211	(2)

¹ Data for small number of nonfarm tractors included with "Farm."

² Included with "Farm."

Source: Department of Commerce, Bureau of the Census; published in *Facts for Industry*, Series M35A.

No. 990.—MACHINE TOOLS—SHIPMENTS, BY MAJOR TYPES: 1948, 1949, AND 1950

[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	1948		1949		1950	
	Number	Value (\$1,000)	Number	Value (\$1,000)	Number	Value (\$1,000)
Total.....		277,521		241,370		303,053
Boring machines.....	1,268	24,098	1,212	29,430	1,333	28,849
Broaching machines.....	343	3,779	290	3,411	363	4,862
Drilling machines.....	10,125	32,816	6,305	25,271	9,900	32,776
Gear cutting and finishing machines.....	1,367	16,407	1,095	14,231	1,498	19,819
Grinding and polishing machines (except gear tooth grinding, honing, lapping, and buffing).....	98,792	47,294	64,257	45,660	79,146	60,557
Lathes.....	29,322	81,106	18,631	62,289	30,021	79,476
Milling machines.....	6,064	34,914	4,397	31,400	5,486	35,827
Planers.....	157	4,828	99	3,699	84	3,035
Shapers (except gear shapers).....	1,369	5,826	666	2,831	770	3,362
All other machine tools.....		26,453		23,148		34,490

Source: Department of Commerce, Bureau of the Census. Published in part in *Facts for Industry*, Series M34A.

No. 991.—MOTION-PICTURE PRODUCTION—SUMMARY: 1921 TO 1947

[Money figures in thousands of dollars]

YEAR, TYPE OF WORK, AND DIVISION	Number of establishments	ALL EMPLOYEES		Total expenses other than salaries and wages	Total cost of work done during the year
		Number (average for the year)	Salaries and wages, total		
UNITED STATES					
1921	127	10,659	\$37,693	(1)	\$77,397
1923	97	9,904	38,425	(1)	86,418
1925	132	11,518	49,017	\$44,619	93,636
1927	142	16,013	74,936	59,407	134,343
1929	142	19,602	85,028	99,074	184,102
1931	140	214,839	270,637	(1)	154,436
1933	92	19,037	71,344	47,999	119,343
1935	129	27,592	104,430	57,435	161,865
1937	83	32,398	139,551	58,190	197,741
1939	178	35,345	142,543	73,157	215,700
1947	277	34,799	293,046	167,097	460,143
TYPE OF WORK, 1947					
Theatrical-film producers	100	27,549	261,276	121,806	383,082
Nontheatrical-film producers	127	2,445	8,746	9,613	18,359
Laboratories and other service organizations	50	4,805	23,024	35,678	58,702
DIVISION, 1947					
New England	4	17	50	112	162
Middle Atlantic	79	3,701	15,549	29,643	45,192
East North Central	28	1,219	4,216	3,435	7,651
West North Central	10	181	495	1,042	1,537
South Atlantic	4	43	197	433	630
South Central	7	88	204	146	350
West	145	29,550	272,335	132,286	404,621
Los Angeles Metropolitan Area	130	29,393	271,974	131,206	403,180
Other West	15	157	361	1,080	1,441

¹ Not available.² Represents production-department employees only; not comparable other years.

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports.

No. 992.—MOTION-PICTURE PRODUCTION—WORK DONE DURING YEAR: 1939 AND 1947

[Money figures in thousands of dollars]

TYPE OF WORK DONE	1939		1947		TYPE OF WORK DONE	1939		1947	
	Number	Cost of work done during year ¹	Number	Cost of work done during year ¹		Number	Cost of work done during year ¹	Number	Cost of work done during year ¹
Motion pictures, total		215,700		460,143	Nontheatrical films, total		6,573		17,537
Theatrical films, total		186,776		352,530	Advertising films:				
Negative films:					Color-process		961		1,929
Feature subjects, 3,000 feet or over in length:					Black-and-white		742		2,461
Color-process	27	14,356	68	43,703	Educational films:				
Black-and-white	493	117,830	348	165,432	Color-process		1,118		1,729
Short subjects (other than news reels), under 3,000 feet in length:					Black-and-white		4,608		2,497
Color-process	125	1,723	253	4,417	Industrial films:				
Black-and-white	(2)	4,252	187	2,344	Color-process		305		1,768
News reels		4,441		5,344	Black-and-white		1,870		3,040
Positive films (cost, excl. cost of producing negatives): ³					Other films		4,426		851
Color-process				4,680	Unfinished production (cost of work done during year)		543		3,262
Black-and-white		6,416		6,718	Receipts for use of studio facilities		1,420		26,720
Unfinished production (cost of work done during year)		37,758		119,892	Receipts for laboratory work (including developing and printing done for others)		18,594		53,329
					Value of other work done		2,337		10,027

¹ Represents cost of producing motion-picture films, receipts for use of studio facilities, receipts for laboratory work, and value of other work done.² Not available.³ Represents cost of positive films made during year by establishments which performed laboratory work in connection with production of theatrical films. Data on cost of positive films made by outside laboratories included in "Receipts for laboratory work." ⁴ Probably some "Educational films" were included as "Other films."

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports.

NO. 993.—SHIPMENTS OF AIR-CONDITIONING EQUIPMENT AND COMPONENTS AND ACCESSORIES FOR AIR-CONDITIONING AND COMMERCIAL-REFRIGERATION EQUIPMENT: 1940 TO 1950

[Value figures in thousands of dollars; represent manufacturer's billing prices for units actually billed and shipped 1949 figures based on reports from 93 companies manufacturing components and accessories for air-conditioning and commercial-refrigeration and complete air-conditioning equipment. Data for earlier years are less complete, and thus not strictly comparable]

PRODUCT	1940		1945		1949		1950	
	Number	Value	Number	Value	Number	Value	Number	Value
Condensing units.....	211,021	18,808	354,401	36,902	610,341	53,534	858,367	74,483
Ammonia refrigerants.....	985	964	1,785	2,503	254	346	245	352
Refrigerants except ammonia.....	210,036	17,844	352,616	34,399	610,087	53,188	858,122	74,131
Air-cooled.....	187,463	12,313	327,031	23,378	570,280	40,127	807,693	57,685
Water-cooled.....	22,568	5,531	25,585	11,021	39,807	13,061	50,429	16,446
Compressors and compressor units.....	84,889	7,084	107,340	9,578	604,431	29,929	954,368	46,977
Centrifugal-refrigeration systems.....	112	2,404	185	2,994	285	8,189	382	12,240
Heat-exchanger equipment.....		17,110		22,422		40,925		62,008
Evaporative condensers.....	2,413	1,769	2,885	2,829	4,798	5,850	7,818	8,869
Unit coolers.....	63,417	7,076	91,003	10,186	95,850	15,707	152,996	26,223
Other heat-exchanger equipment.....		8,265		9,407		19,368		26,916
Self-contained air-conditioning units.....	15,880	1,467	14,973	11,230	123,709	50,584	249,854	84,842
Ice-making machines.....	1,045	628	2,805	4,044	6,902	4,641	11,846	7,203

¹ Other than room-type.

Source: Department of Commerce, Bureau of the Census; published in *Facts for Industry*, Series M52A.

NO. 994.—ALASKA AND HAWAII—SUMMARY OF MANUFACTURES: 1899 TO 1939

[Figures for 1939 do not include data for plants reporting products valued at less than \$2,000; those for earlier years cover all plants having products valued at \$500 or more. This increase in minimum value-of-products limit resulted in some reduction in "Number of establishments" reported as compared with what it would have been had minimum of \$500 been retained, but did not seriously impair comparability of figures for 1939 with those for earlier years]

INDUSTRY	Census year	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, etc., fuel, electric energy	Value of products	Value added by manufacture ¹
Alaska, all industries.....	1899	48	2,260	\$1,374,680	\$1,762,583	\$4,194,421	\$2,431,838
	1909	152	3,099	1,948,026	5,110,613	11,340,105	6,220,492
	1919	147	6,575	8,839,452	19,482,485	41,495,243	22,012,758
	1939 ²	230	4,816	6,883,988	20,616,757	38,815,436	17,898,679
	1899 ³	222	3,655	1,473,000	12,251,000	23,354,000	11,103,000
Hawaii, all industries.....	1909 ³	500	5,904	2,108,903	25,817,734	47,403,880	21,586,146
	1919 ³	496	9,969	6,636,763	81,178,956	133,096,412	51,917,456
	1939	474	17,002	11,458,311	75,651,675	134,005,264	58,353,589

¹ Value of products less cost of materials, etc., fuel, and purchased electric energy.

² Figures for 1939 cover the 12-month period ended Sept. 30, 1939.

³ Includes data for coffee roasting and spice grinding which are no longer treated as manufacturing activities.

Source: Department of Commerce, Bureau of the Census; 1939 Census of Manufactures reports.

No. 995.—PUERTO RICO—MANUFACTURES BY INDUSTRY GROUPS AND INDUSTRIES: 1949 AND 1939

[Figures for 1949 include data for all establishments. Figures for 1939 include data only for establishments with products valued at \$2,000 or more. Certain industries not shown separately to avoid disclosing operations of individual companies]

INDUSTRY GROUP AND INDUSTRY	1949						1939 ¹			
	Number of establishments	Number of proprietors and partners	All employees		Production workers		Value added by manufacture ² (\$1,000)	Number of establishments	Number of production workers (average for year)	Value added by manufacture (\$1,000)
			Number (average for year)	Salaries and wages, total (\$1,000)	Number (average for year)	Wages, total (\$1,000)				
All industries, total ³	1,998	1,821	55,137	49,205	47,735	35,736	93,421	(4)	(4)	(4)
All industries (excl. coffee roasting and grinding and tobacco stemming and re-drying), total ³	1,937	1,768	49,052	46,215	42,012	33,174	87,043	798	23,484	35,219
Food and kindred products.....	526	473	23,243	25,516	19,615	18,251	52,432	(4)	(4)	(4)
Food and kindred products, exc. coffee roasting and grinding.....	507	450	23,102	25,398	19,536	18,203	51,821	379	12,996	22,997
Dairy products.....	31	29	311	391	166	133	651	9	36	40
Natural cheese.....	4	5	37	32	31	23	47	3	9	12
Ice cream and ices.....	27	24	274	360	135	110	604	6	27	27
Canning, preserving, and freezing.....	23	14	1,159	650	872	464	906	7	307	105
Canning and preserving, except fish.....	19	12	1,132	630	851	454	824	7	307	105
Pickles and sauces.....	4	2	27	19	21	9	83			
Bakery products.....	277	286	2,750	2,441	2,275	1,946	3,928	219	1,470	1,215
Bread and other bakery products.....	265	278	2,235	1,995	1,839	1,656	3,144	212	1,143	1,022
Biscuits, crackers, and pretzels.....	12	8	515	446	436	291	784	7	327	193
Sugar.....	41	22	14,241	17,246	12,900	13,254	35,704	44	9,658	18,666
Raw cane sugar.....	36	22	13,562	16,496	12,280	12,680	32,228	40	7,765	16,497
Cane sugar refining.....	5		679	750	620	574	3,476	4	1,893	2,170
Chocolate and cocoa products.....	4		141	116	98	43	329	1	(d)	(d)
Beverages.....	73	42	3,174	3,533	2,287	1,836	8,527	53	1,006	2,344
Bottled soft drinks.....	33	18	863	927	428	397	1,973	10	(d)	(d)
Malt liquors.....	4		799	1,050	637	633	2,419	2	(d)	(d)
Wines and brandy.....	5	12	85	57	52	26	282	4	43	20
Distilled liquors, except brandy.....	31	12	1,427	1,499	1,170	779	3,852	37	657	1,636
Misc. food preparations ⁴	68	78	1,085	889	675	441	1,659	(4)	(4)	(4)
Misc. food preparations, exc. coffee roasting and grinding ⁶	49	55	944	771	586	393	1,048	36	467	580
Manufactured ice.....	29	37	515	445	241	170	640	25	285	382
Macaroni and spaghetti.....	10	10	193	185	171	156	300	8	154	(4)
Food preparations, n. e. c., exc. coffee roasting and grinding.....	25	27	361	245	249	105	703	(4)	(4)	(4)
Tobacco manufactures.....	6	4	220	128	160	56	92	1	(d)	(d)
Tobacco manufactures, exc. tobacco stemming and re-drying.....	626	609	7,116	3,403	6,732	2,956	6,743	(4)	(4)	(4)
Cigars.....	584	579	1,172	531	1,098	443	977	47	445	289
Chewing and smoking tobacco.....	577	574	1,097	496	1,024	409	935	41	(d)	(d)
Tobacco stemming and re-drying.....	7	5	75	35	74	34	42	5	30	11
Textile mill products.....	42	30	5,944	2,873	5,634	2,513	5,767	(4)	(4)	(4)
Apparel and related products.....	10	2	1,450	596	1,273	475	607	3	101	(d)
Men's and boys' suits and coats.....	263	244	10,805	6,464	9,361	4,933	9,251	135	6,307	7,285
Men's and boys' furnishings.....	111	17	684	549	642	450	861	5	688	709
Men's dress shirts and nightwear.....	68	73	2,216	1,381	2,006	965	1,993	36	1,004	799
Separate trousers.....	17	13	741	541	657	332	781	9	505	305
Men's and boys' clothing, n. e. c.....	35	41	1,058	603	978	468	920	18	262	260
Women's and misses' outerwear.....	6	10	260	129	234	91	132	1	(d)	(d)
Blouses and waists.....	33	29	1,149	562	1,068	451	701	15	269	582
Women's and children's undergarments.....	18	13	757	387	700	313	497	7	(d)	(d)
	31	22	1,401	831	1,300	688	1,076	25	(d)	(d)

See footnotes at end of table.

**No. 995.—PUERTO RICO—MANUFACTURES BY INDUSTRY GROUPS AND INDUSTRIES:
1949 AND 1939—Continued**

INDUSTRY GROUP AND INDUSTRY	1949						1939 ¹			
	Number of establishments	Number of proprietors and partners	All employees		Production workers		Value added by manufacture ² (\$1,000)	Number of establishments	Number of production workers (average for year)	Value added by manufacture (\$1,000)
			Number (average for year)	Salaries and wages, total (\$1,000)	Number (average for year)	Wages, total (\$1,000)				
Apparel and related products—Continued										
Children's outerwear.....	27	22	946	552	894	483	711	11	(d)	(d)
Miscellaneous apparel and accessories ³	74	68	3,828	2,284	2,989	1,650	3,485	32	1,292	1,878
Handkerchiefs.....	45	44	2,453	1,517	2,118	1,200	2,030	31	(d)	(d)
Housefurnishings, n. e. c.....	8	6	395	147	306	123	177	8	173	402
Canvas products.....	6	5	51	48	37	32	80	1	(d)	(d)
Lumber and products (except furniture).....	51	53	327	302	313	245	611	13	119	134
Millwork plants.....	43	47	300	289	286	232	589	11	(d)	(d)
Furniture and fixtures.....	186	193	1,888	1,519	1,727	1,229	2,338	52	830	525
Household furniture.....	177	180	1,837	1,468	1,681	1,194	2,205	49	822	512
Wood house furniture, except upholstery.....	152	161	1,443	1,071	1,343	926	1,467	39	610	317
Mattresses and bedsprings.....	13	9	266	276	222	177	511	9	(d)	(d)
Paper and allied products.....	5	1	294	352	258	263	825	1	(d)	(d)
Printing and publishing industries.....	77	63	1,459	2,216	975	1,266	3,670	59	653	1,047
Chemicals and allied products.....	49	21	1,268	1,510	1,011	884	4,394	39	400	981
Pharmaceutical preparations.....	20	6	209	231	149	96	542	13	(d)	(d)
Fertilizers (mixing only).....	7	5	504	659	428	402	2,731	7	197	634
Compressed and liquefied gases.....	6	1	239	354	153	187	716	2	(d)	(d)
Insecticides and fungicides.....	3	3	7	3	7	3	12			
Leather and leather products.....	22	12	911	611	859	446	925	15	79	64
Handbags and small leather goods.....	7	1	389	246	367	172	380			
Stone, clay, and glass products.....	87	82	2,562	3,097	2,224	2,162	6,353	23	254	248
Products of purchased glass.....	3	2	21	21	17	15	38			
Structural clay products.....	18	12	715	724	654	548	1,034	12	155	156
Concrete products.....	42	50	317	268	281	193	498			
Cut-stone and stone products.....	7	6	46	71	44	66	183	3	9	4
Fabricated metal products.....	33	32	310	338	290	292	710	10	49	63
Structural metal products.....	24	22	194	255	187	221	538	6	29	29
Structural and ornamental products.....	15	17	123	153	122	151	251	3	(d)	(d)
Machinery (except electrical).....	13	9	617	949	517	670	1,352	7	477	660
Farm machinery (except tractors).....	6	4	86	133	74	85	217	3	30	(d)
Miscellaneous manufactures ⁴	44	26	2,389	1,591	2,230	1,275	2,451	12	574	619
Jewelry and silverware.....	7	2	382	320	345	234	406	1	(d)	(d)
Costume jewelry and notions.....	16	6	1,595	951	1,497	788	1,393	2	(d)	(d)
Artificial flowers.....	5	1	629	375	600	344	380			
Buttons.....	5	2	572	470	509	347	863	2	(d)	(d)
Morticians' goods.....	8	8	13	10	13	10	20	6	8	10
Signs and advertising displays.....	4	6	19	20	17	17	33	1	(d)	(d)

¹ Retabulated to provide industry statistics comparable with those for 1949.

² Computed by subtracting costs of materials and supplies, fuels, electric energy, and contract work from value of products.

³ Includes data for industry groups not shown separately (to avoid disclosing operations of individual companies) as follows: Rubber, primary metal industries, electrical machinery, and transportation equipment, 1 establishment each; and for instruments and related products, 2 establishments.

⁴ Comparable statistics for 1939 not available. Figures for 1949 include statistics for activities of (1) coffee roasting and grinding and (2) tobacco stemming and redrying, which were classified as manufacturing in 1949 but considered nonmanufacturing in 1939.

⁵ This figure may include an undetermined amount of excise taxes.

⁶ Also includes shortening, cooking oils, and flavorings.

⁷ Also includes fabric and combination dress and work gloves.

⁸ Also includes sporting and athletic goods, hand stamps and stencils, needles, pins, and fasteners, plastic products, brooms and brushes, matches, and hair work.

⁹ Withheld to avoid disclosing figures for individual companies.

Source: Department of Commerce, Bureau of the Census; *Puerto Rico Census of Manufactures, 1949*.

31. Foreign Commerce

Including International Accounts and Aid

(Sent to print May 23, 1952)

Balance of payments.—The statistics shown for international balance of payments and the international investment position are compiled in the Balance of Payments Division, Office of Business Economics of the Department of Commerce.

The international accounts of the United States comprise the international balance of payments (tables 996, 998 and 999) and the international investment position (table 997). The balance of payments shows for given time periods, e. g., one year, the transfers of assets and the form of compensation for these transfers between this country and the rest of the world; the international investment position indicates for specific dates the value of United States investments abroad and of foreign investments in the United States. The two types of accounts, however, are not strictly comparable; the transfers of assets between countries as shown in the balance of payments is only one of the factors affecting the value of foreign investments. Other factors not shown in the balance of payments are changes in security values and revaluation of assets, and reinvested earnings and losses. For a detailed discussion and analysis of these accounts, see the Department of Commerce publications, *International Transactions of the United States During the War, 1940-45*, *Economic Series No. 65*, 1948, and *The Balance of International Payments of the United States, 1946-48*, published in 1949. For current data and revisions, see the monthly *Survey of Current Business*.

Foreign assistance.—Statistics on United States Government grants to and credits utilized by foreign countries and reverse grants and credit repayments received by the Government from abroad are prepared by the Clearing Office for Foreign Transactions, Office of Business Economics. These data are obtained from Federal agencies which report such transactions to the Clearing Office. Detailed information on the statistics provided in tables 1000 and 1001, and on other foreign activities of the Government, is provided in the regular quarterly reports of the Clearing Office.

Foreign aid is defined to comprise two categories—grants and credits. Grants are largely outright gifts for which no payment is expected, 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 loans or 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. Because such credits cannot, as a rule, be deducted from specific grants recorded in previous periods, they are included in both grants (at the earlier period) and credits (at the time of the agreement), and the amounts of such *credit-agreement offsets to grants* must therefore be deducted from the total of grants and credits in arriving at gross foreign aid. All known returns to the United States Government stemming from grants and credits are also taken into account. The result of gross foreign aid less the returns is net foreign aid, which is shown as net grants and net credits. Net credits for the total war and postwar periods approximate the amount of credit outstanding on December 31, 1951.

The major activities of the Mutual Security Agency are summarized in tables 1002-1005, prepared by the Division of Statistics and Reports of that agency. Data are presented on the European Program and the separate program for the Far East.

In these tables, colonies and overseas territories of European countries are reported with mother countries; the Saar is shown with France. Commodity groups shown are based on the Mutual Security Agency commodity classification. In determining the various reporting groups, an attempt has been made to align the coverage of the summary groups shown in these tables as closely as possible with that of reports on United States exports originating in the Bureau of the Census.

These and other data are published in more detail in the several monthly publications of the Division of Statistics and Reports of the Mutual Security Agency.

Foreign trade.—Statistics on foreign trade are compiled by the Bureau of the Census of the Department of Commerce. Annual statistics through 1946 are published in the annual report, *Foreign Commerce and Navigation of the United States*. Preliminary statistics for later years are from current corrected data. Monthly data are published in the *Summary of Foreign Commerce of the United States* (monthly and quarterly through April 1951, quarterly thereafter) and other monthly reports of the foreign trade series. For a complete list of these reports see *Catalog of United States Foreign Trade Statistical Publications* issued by the Bureau of the Census.

Statistics covering shipments made after World War II under the Department of the Army Civilian Supply Program are included in the export statistics for 1948 but not for earlier years. In addition, export data include United States exports under the Lend-Lease, United Nations Relief and Rehabilitation Administration, Economic Cooperation Administration, Mutual Defense Assistance, and other foreign aid programs. Shipments to United States armed forces for their own use are not included in export statistics for any period.

Certain commodity classifications in the export statistics were grouped for security reasons into special categories beginning with May 1949 and data for the individual commodities withheld from publication. The special category list of commodities was amended in July 1949, July 1950, and January 1951 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 were discontinued. Data for special commodities are included, however, in all total export statistics issued by the Bureau of the Census.

Except as noted (as, for example, in table 1028) the values stated are in United States dollars without reference to changes in the gold content of the dollar. (The statutory price of gold—\$20.67 per ounce—in effect prior to Jan. 31, 1934, was changed on that date by Executive Order to \$35 per ounce. Between Mar. 10, 1933, and Jan. 31, 1934, the foreign exchange value of the dollar was permitted to depreciate as a result of the restriction placed on gold shipments to foreign countries.) The geographic area covered by these statistics, except as noted, is the United States customs area, which includes Alaska, Hawaii, and Puerto Rico, and from Jan. 1, 1935, through Dec. 31, 1939, the Virgin Islands (see headnote, table 1010). Other explanations of the trade tables are given in the introduction to the annual report, *Foreign Commerce and Navigation of the United States*.

Historical statistics.—See preface and historical appendix. Tabular headnotes (as "See also *Historical Statistics*, series M 14-41") provide cross references, where applicable, to *Historical Statistics of the United States, 1789-1945*.

No. 996.—BALANCE OF INTERNATIONAL PAYMENTS: 1945 TO 1951

[In millions of dollars. 1951 data preliminary. Represents revised presentation. See also *Historical Statistics*, series M 14-41 for data as presented in 1950 Abstract, table 988]

ITEM	1945	1946	1947	1948	1949	1950	1951
Exports of goods and services, total	16,273	14,741	19,796	16,967	15,974	14,425	20,140
Merchandise, adjusted.....	12,473	11,672	15,977	13,346	12,337	10,658	15,424
Transportation.....	1,309	1,420	1,788	1,299	1,176	926	1,495
Travel.....	162	252	342	308	363	377	444
Miscellaneous services: Private.....	453	459	472	522	540	561	661
Government.....	1,287	128	71	117	153	160	211
Income on investments: Private.....	17	789	1,080	1,273	1,307	1,634	1,712
Government.....	572	21	66	102	98	109	193
Imports of goods and services total	10,232	7,037	8,318	10,268	9,603	12,128	15,111
Merchandise, adjusted.....	5,666	5,242	6,129	7,822	7,066	9,315	11,663
Transportation.....	420	599	761	630	676	798	917
Travel.....	309	457	548	600	678	727	733
Miscellaneous services: Private.....	153	137	181	201	224	250	249
Government.....	3,453	386	450	731	606	601	1,149
Income on investments: Private.....	17	201	233	267	328	406	352
Government.....	214	15	16	17	25	31	48
Balance on goods and services	+6,041	+7,704	+11,478	+6,699	+6,371	+2,297	+5,029
Unilateral transfers (net), total.....	-7,113	-2,893	-2,583	-4,835	-5,843	-4,601	-4,939
Private.....	-473	-679	-665	-678	-522	-481	-405
Government grants and other transfers ¹	-6,640	-2,214	-1,918	-4,157	-5,321	-4,120	-4,534
Balance on goods and services and unilateral transfers (net foreign investment)	-1,072	+4,811	+8,895	+1,864	+528	-2,304	+90
United States capital (net), total.....	-1,570	-3,381	-7,956	-1,750	-1,256	-1,481	-1,053
Private, long-term.....	-454	-59	-810	-748	-796	-1,168	-781
Private, short-term.....	-96	-310	-189	-116	+187	-149	-113
Government, long-term.....	-842	-3,262	-6,849	-973	-474	-127	-140
Government, short-term.....	-178	+250	-108	-87	-173	-37	-19
Foreign capital (net), total.....	+2,086	-986	+243	+379	+107	+1,886	+505
Long-term.....	-103	-347	-96	-170	+144	-974	-514
Short-term.....	+2,189	-639	+339	+549	-37	+912	+1,019
Gold purchases (-), or sales (+).....	+548	-623	-2,162	-1,530	-164	+1,743	-53
Transfers of funds between foreign areas [receipts from other areas (-), payments to other areas (+)] and errors and omissions.....	+8	+179	+980	+1,037	+785	+156	+511

¹ Unilateral transfers include Government aid contributions as shown in table 1000 plus various other transfers such as payments of pensions, claims, etc.

Source: Department of Commerce, Office of Business Economics; *International Transactions of the United States During the War, 1940-45*, *The Balance of International Payments of the United States, 1946-48*, and the *Survey of Current Business*.

No. 997.—INTERNATIONAL INVESTMENT POSITION OF THE UNITED STATES: 1939 TO 1950

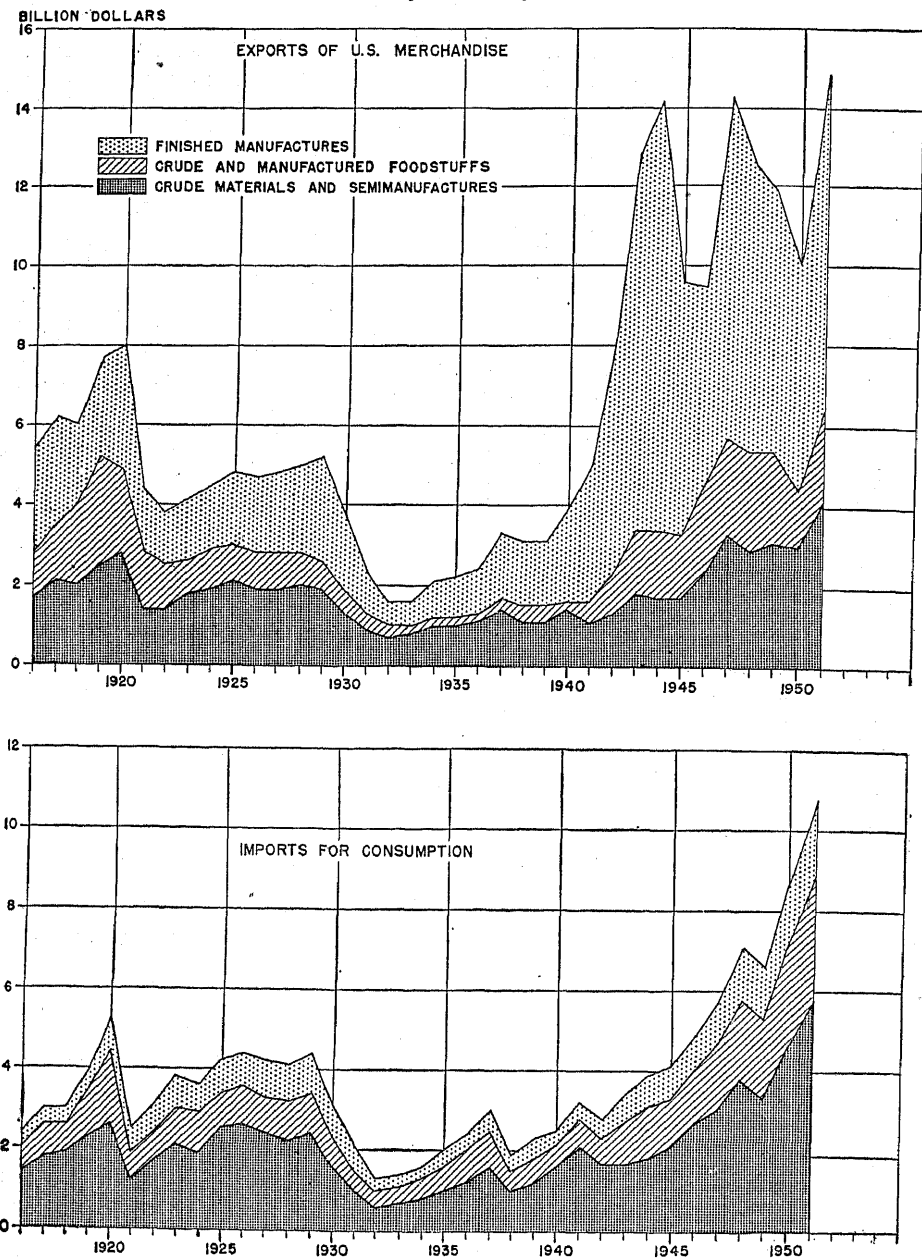
[In millions of dollars. Estimates for end of year; subject to considerable error due to nature of basic data. No allowance for write-offs, war damage, or expropriations without compensation of U. S. direct investments abroad. Direct investments at book value; other types at market or stated values. For 1945-50, value of securities of former enemy countries, or countries where no realistic market can be determined, has been eliminated; not entirely comparable with earlier years due to this and other revisions. See also *Historical Statistics*, series M 1-13]

ITEM	1939	1940	1943	1945	1946	1947	1948	1949	1950
U. S. investments abroad, total	12,480	12,275	14,170	16,818	20,618	28,927	31,172	32,483	34,694
Private.....	12,445	12,195	13,340	14,683	15,535	16,876	18,235	18,969	21,018
Long-term.....	11,385	11,310	12,575	13,658	14,198	15,343	16,586	17,542	19,377
Direct.....	7,280	7,340	7,845	8,369	8,844	9,965	11,206	12,418	13,550
Portfolio.....	4,105	3,970	4,730	5,289	5,549	5,378	5,380	5,124	5,827
Short-term.....	1,060	885	765	1,025	1,337	1,533	1,649	1,427	1,641
U. S. Government.....	35	80	830	2,135	5,083	12,051	12,937	13,514	13,676
Long-term.....	35	80	620	1,644	4,906	11,755	12,728	13,202	13,364
Short-term.....	210	177	210	491	177	296	209	312	312
Foreign investments in U. S., total	12,820	13,535	14,145	17,594	16,452	16,646	17,087	17,568	20,149
Private obligations.....	12,495	13,225	12,560	13,204	12,896	12,702	13,084	13,733	14,959
Long-term.....	8,695	8,100	7,570	8,031	7,615	7,400	7,297	7,792	8,457
Direct.....	2,900	2,875	2,605	2,514	2,548	2,650	2,843	3,066	3,293
Portfolio.....	5,795	5,225	4,965	5,517	5,067	4,750	4,454	4,726	5,164
Short-term.....	3,800	5,125	4,990	5,263	5,281	5,302	5,787	5,941	6,502
U. S. Government obligations.....	325	310	1,585	4,300	3,556	3,944	4,003	3,835	5,190
Long-term.....	150	150	200	487	295	421	434	495	1,415
Short-term.....	175	160	1,385	3,813	3,261	3,523	3,569	3,340	3,775
Net debtor (-) or creditor (+) position	-340	-1,260	+25	-776	+4,166	+12,281	+14,085	+14,915	+14,545
Net private.....	-50	-1,030	+780	+1,389	+2,639	+4,174	+5,151	+5,236	+6,059
Net U. S. Government.....	-290	-230	-755	-2,165	+1,527	+8,107	+8,934	+9,679	+8,486
Net long-term, private and U. S. Government.....	+2,575	+3,140	+5,425	+6,784	+11,194	+19,277	+21,583	+22,457	+22,899
Net short-term, private and U. S. Government.....	-2,915	-4,400	-5,400	-7,560	-7,028	-6,996	-7,498	-7,542	-8,324

Source: Department of Commerce, Office of Business Economics; *International Transactions of the United States During the War, 1940-45* (as revised in release of June 29, 1950), and *Foreign Commerce Weekly* for April 21, 1952. See also *The Balance of International Payments of the United States, 1946-48*.

FIG. XXX.—FOREIGN TRADE BY ECONOMIC CLASSES: 1916 TO 1951

[See table 1016]



No. 998.—INTERNATIONAL INVESTMENTS—INCOME RECEIPTS AND PAYMENTS, BY AREA: 1946 TO 1951

[In millions of dollars. Figures represent investment income receipts and payments abstracted from the general pattern of the United States 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	1946		1947		1948		1949		1950		1951	
	Re- ceipts	Pay- ments	Re- ceipts	Pay- ments	Re- ceipts	Pay- ments	Re- ceipts	Pay- ments	Re- ceipts	Pay- ments	Re- ceipts	Pay- ments
Total, all areas	810	216	1,146	249	1,375	284	1,405	353	1,743	437	1,905	400
Direct.....	636	76	924	84	1,111	109	1,148	159	1,469	196	1,532	150
Other private.....	153	125	156	149	162	158	159	169	165	210	180	202
U. S. Government.....	21	15	66	16	102	17	98	25	109	31	193	48
Canada	248	44	302	32	319	54	387	66	406	76	396	84
Direct.....	148	25	203	11	223	25	295	39	305	39	279	43
Other private.....	100	15	99	19	94	25	92	20	101	27	117	26
U. S. Government.....	(¹)	4	(¹)	2	2	4	(¹)	7	(¹)	10	15	15
Latin American Republics	334	10	477	11	556	12	455	11	696	14	688	16
Direct.....	314	1	451	1	525	1	425	(¹)	664	—	652	—
Other private.....	15	8	17	9	19	10	18	9	18	12	20	12
U. S. Government.....	5	1	9	1	12	1	12	2	14	2	16	4
OEEC countries ²	107	146	153	183	195	196	202	252	216	322	303	273
Direct.....	64	49	80	71	93	82	97	118	108	155	117	107
Other private.....	29	94	30	110	32	111	32	130	30	160	27	152
U. S. Government.....	14	3	43	2	70	3	73	4	78	7	159	14
OEEC dependencies ³	20	2	32	3	75	2	78	2	90	3	99	3
Direct.....	20	—	32	—	73	—	77	—	90	—	99	—
Other private.....	—	2	—	2	—	2	—	2	—	2	—	3
U. S. Government.....	—	—	(¹)	1	2	(¹)	1	(¹)	—	—	—	—
Other foreign countries	101	14	182	20	230	20	283	22	335	22	419	24
Direct.....	90	1	158	1	197	1	254	2	302	2	385	—
Other private.....	9	6	10	9	17	10	17	8	16	9	16	9
U. S. Government.....	2	7	14	10	16	9	12	12	17	11	18	15

¹ Less than \$500,000.

² Countries formerly under ERP (Marshall Plan) and now participating in Organization of European Economic Cooperation.

³ Includes British West Indies, Malaya and Hong Kong, Netherlands East Indies, Netherlands West Indies and Surinam, and other dependencies of OEEC countries.

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, October 1951, and records.

No. 999.—INTERNATIONAL INVESTMENTS—DIRECT-INVESTMENT INCOME RECEIPTS BY AREA AND INDUSTRY: 1947 TO 1950

[In millions of dollars. See headnote, table 998]

AREA	Year	Total	Manu- factur- ing	Distri- bution	Agricul- ture	Mining and smelting	Petro- leum	Public utilities	Miscel- laneous
All areas, total	1947	924	230	84	94	107	323	43	43
	1948	1,111	248	84	89	129	472	31	58
	1949	1,148	301	93	80	88	487	39	60
	1950	1,469	328	97	98	112	705	45	84
Canada	1947	203	106	23	(¹)	26	6	21	21
	1948	223	123	16	(¹)	34	8	12	30
	1949	295	179	29	2	29	11	18	27
	1950	305	181	27	2	33	12	11	39
Latin American Republics	1947	451	60	32	80	74	172	22	11
	1948	525	50	33	80	84	243	19	16
	1949	425	35	24	68	44	217	21	16
	1950	604	54	36	90	64	362	33	25
OEEC countries ²	1947	80	47	17	—	(¹)	10	—	6
	1948	93	51	18	—	1	18	—	5
	1949	97	60	19	—	(¹)	8	—	10
	1950	108	68	21	—	1	7	(¹)	11
OEEC dependencies ³	1947	32	(¹)	2	1	6	22	(¹)	1
	1948	73	1	5	1	7	58	(¹)	1
	1949	77	2	7	1	12	54	(¹)	1
	1950	90	2	3	5	9	68	(¹)	3
Other foreign countries	1947	158	17	10	13	1	113	(¹)	4
	1948	197	23	12	8	3	145	(¹)	6
	1949	254	25	14	9	3	197	(¹)	6
	1950	302	23	10	1	5	256	1	6

¹ Less than \$500,000.

² See footnote 2, table 998.

³ See footnote 3, table 998.

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, October 1951.

No. 1000.—U. S. GOVERNMENT FOREIGN AID BY PROGRAM, TO DEC. 31, 1951

In millions of dollars. "Gross foreign aid" represents the gross value of goods, services, and funds furnished to foreign countries through the utilization of U. S. Government grants and credits. In addition, grants unutilized, although appropriated (or authorized) by Congress, amount to \$16,105 million, of which \$11,267 million represents funds for mutual-security program military aid; credits unutilized but authorized amount to \$2,753 million. "Reverse grants and returns on grants" is comprised of (a) goods, services, and funds received through reverse lend-lease or acquired under foreign-currency counterpart provisions of mutual security programs; (b) returned lend-lease naval and merchant ships; and (c) cash received under postwar war-account settlements for grants furnished earlier. "Principal collected on credits" includes goods, services, and funds received in reduction of outstanding credits, excluding repayments on World War I debts. "Funds" includes foreign currency which, with goods and services, is measured in dollar equivalents]

PROGRAM	Total war and post-war periods	War period ¹	POSTWAR PERIOD						
			Total	July 1945-Dec. 1946	1947	1948	1949	1950	1951
Gross foreign aid.....	84,795	49,224	35,571	7,820	6,224	5,716	6,146	4,636	5,029
Grants utilized.....	73,883	48,128	25,755	5,056	2,145	4,314	5,454	4,186	4,601
Less: Credit-agreement offsets to grants.....	1,266	-----	1,266	1,198	47	9	(²)	2	-----
Credits utilized.....	12,168	1,096	11,072	3,962	4,126	1,411	692	453	428
Less: Returns.....	11,108	8,253	2,855	376	543	523	483	476	451
Reverse grants and returns on grants.....	8,962	7,873	1,090	247	239	65	243	157	140
Principal collected on credits.....	2,146	380	1,766	129	305	458	240	319	314
Equals: Net foreign aid.....	+73,687	+40,971	+32,716	+7,444	+5,681	+5,193	+5,663	+4,160	+4,575
Net grants.....	+63,665	+40,256	+23,409	+3,611	+1,859	+4,240	+5,211	+4,027	+4,461
Net credits.....	+10,022	+715	+9,307	+3,833	+3,822	+954	+452	+133	+114
Grants utilized.....	73,883	48,128	25,755	5,056	2,145	4,314	5,454	4,186	4,601
Lend-lease.....	48,674	46,728	1,945	1,926	18	2	-----	-----	-----
Mutual security:	-----	-----	-----	-----	-----	-----	-----	-----	-----
Economic and technical assistance.....	10,717	-----	10,717	-----	-----	1,493	3,821	2,841	2,562
Military aid.....	2,046	-----	2,046	-----	-----	-----	-----	468	1,578
Civilian supplies.....	6,252	813	5,439	998	1,020	1,512	1,081	506	322
UNRRA, post-UNRRA, and interim aid.....	3,526	83	3,443	1,949	868	625	1	(³)	-----
Philippine rehabilitation.....	631	-----	631	33	86	130	203	166	12
Greek-Turkish aid.....	659	-----	659	-----	74	348	170	59	9
Chinese stabilization.....	500	380	120	120	-----	-----	-----	-----	-----
Chinese military aid.....	123	-----	123	-----	72	44	-----	5	3
Other.....	755	124	632	31	80	132	134	141	114
Reverse grants and returns on grants.....	8,962	7,873	1,090	247	239	65	243	157	140
Reverse lend-lease.....	7,961	7,828	133	125	7	1	-----	-----	-----
Return of lend-lease ships.....	334	14	321	97	139	40	13	9	23
War-account cash settlements.....	151	32	120	25	93	3	-----	-----	-----
Counterpart funds:	-----	-----	-----	-----	-----	-----	-----	-----	-----
Economic and technical assistance.....	505	-----	505	-----	-----	22	230	144	110
Military aid.....	11	-----	11	-----	-----	-----	-----	4	6
Credits utilized.....	12,168	1,096	11,072	3,962	4,126	1,411	692	453	428
Special British loan.....	3,750	-----	3,750	600	2,850	300	-----	-----	-----
Export-Import Bank.....	4,326	329	2,937	1,095	824	429	185	200	204
Direct loans.....	3,022	218	2,804	976	797	453	163	193	222
Loans through agent banks.....	244	112	132	120	27	5 25	21	7	18
Surplus property (incl. merchant ships).....	1,338	-----	1,338	873	246	186	29	2	2
Credit-agreement offsets to grants.....	1,256	-----	1,256	1,198	47	9	(²)	2	-----
Lend-lease (excl. settlement credits).....	418	349	69	59	3	2	4	1	-----
Mutual security (including loans to Spain and India).....	1,277	-----	1,277	-----	-----	476	428	164	209
Other.....	863	417	446	137	156	9	47	84	13
Principal collected on credits.....	2,146	380	1,766	129	305	458	240	319	314
Special British loan.....	44	-----	44	-----	-----	-----	-----	-----	44
Export-Import Bank.....	1,068	214	854	60	95	261	144	160	134
Direct loans.....	820	134	686	44	72	221	100	118	130
Loans through agent banks.....	248	80	168	16	23	40	43	41	5
Surplus property (incl. merchant ships).....	202	-----	202	1	19	38	44	42	58
Credit-agreement offsets to grants.....	44	-----	44	1	8	7	2	4	21
Lend-lease (excl. settlement credits).....	80	46	34	5	4	6	6	6	7
Mutual security.....	-----	-----	-----	-----	-----	-----	-----	-----	-----
Other.....	708	120	588	61	180	146	46	107	49

¹ July 1, 1940, through June 30, 1945. All lend-lease and credit-agreement offsets to grants are through VJ-day (Sept. 2, 1945). ² Less than \$500,000.

³ Negative entry of less than \$500,000 results from refunds of cash aid.

⁴ Excludes \$160 million disbursed between date of organization, Feb. 12, 1934, and June 30, 1940.

⁵ Negative entry results from excess of Bank repurchase from agent banks over agent-bank disbursements.

⁶ Excludes \$61 million received between date of organization, Feb. 12, 1934, and June 30, 1940.

Source: Department of Commerce, Office of Business Economics; quarterly report, *Foreign Transactions of the U. S. Government*.

No. 1001.—U. S. GOVERNMENT FOREIGN AID BY COUNTRY, TO DEC. 31, 1951

[In millions of dollars. See headnote, table 1000]

COUNTRY	Total war and postwar periods	War period ¹	POSTWAR PERIOD						
			Total	July- 1945- Dec. 1946	1947	1948	1949	1950	1951
Gross foreign aid (grants and credits)	84,795	49,224	35,571	7,820	6,224	5,716	6,146	4,636	5,029
Less: Returns	11,108	8,253	2,855	376	543	523	483	476	454
Equals: Net foreign aid	+73,687	+40,971	+32,716	+7,444	+5,681	+5,193	+5,663	+4,160	+4,575
Net grants	+63,665	+40,256	+23,409	+3,611	+1,859	+4,240	+5,211	+4,027	+4,461
Net credits	+10,022	+715	+9,307	+3,833	+3,822	+954	+452	+133	+114
American Republics:									
Gross foreign aid	1,504	742	762	148	130	78	107	95	205
Less: Returns	402	149	253	34	31	40	44	57	47
Equals: Net foreign aid	+1,102	+593	+510	+114	+99	+38	+63	+38	+158
Net grants	+633	+423	+211	+23	+46	+16	+29	+18	+77
Net credits	+469	+170	+300	+91	+53	+22	+34	+19	+81
Afghanistan:									
Gross foreign aid	11		11				(3)	(3)	11
Equals: Net foreign aid	+11		+11				(4)	(4)	+11
Net grants	(4)		(4)				(4)	(4)	(4)
Net credits	+11		+11						+11
Albania:									
Gross foreign aid	20		20	16	4				
Equals: Net foreign aid: Net grants	+20		+20	+16	+4				
Austria:									
Gross foreign aid	920	1	919	91	151	195	208	113	161
Less: Returns	45		45		(3)	1	18	13	14
Equals: Net foreign aid	+874	+1	+873	+91	+150	+195	+190	+100	+147
Net grants	+857	+1	+856	+90	+146	+181	+185	+103	+151
Net credits	+18		+18	+1	+4	+14	+5	-2	-4
Bahrain:									
Gross foreign aid	17	17							
Less: Returns	17	1	16	3	13				
Equals: Net foreign aid: Net credits		+16	-16	-3	-13				
Belgium and possessions and Luxembourg:									
Gross foreign aid	847	69	778	191	(2)	89	253	191	55
Less: Returns	257	205	53	2	2	8	13	15	13
Equals: Net foreign aid	+589	-136	+726	+189	-2	+80	+240	+175	+42
Net grants	+423	-136	+559	+60	(4)	+56	+202	+190	+51
Net credits	+166		+166	+128	-2	+24	+38	-14	-9
British Commonwealth:									
Gross foreign aid	38,352	31,075	7,277	1,096	2,852	1,162	1,108	713	347
Less: Returns	8,000	6,898	1,102	298	283	226	100	85	110
Equals: Net foreign aid	+30,351	+24,177	+6,175	+798	+2,569	+935	+1,007	+628	+237
Net grants	+25,330	+23,714	+1,616	-435	-238	+438	+976	+657	+219
Net credits	+5,022	+463	+4,558	+1,233	+2,807	+498	+32	-29	+18
United Kingdom and dependencies:									
Gross foreign aid	36,001	29,052	6,949	1,029	2,850	1,017	1,107	710	236
Less: Returns	5,960	5,149	811	255	188	80	98	83	107
Equals: Net foreign aid	+30,042	+23,904	+6,138	+774	+2,662	+937	+1,009	+628	+129
Net grants	+25,324	+23,587	+1,737	-409	-143	+443	+976	+656	+215
Net credits	+4,717	+317	+4,401	+1,183	+2,805	+494	+33	-28	-86
Australia and New Zealand:									
Gross foreign aid	1,181	1,155	27	25	1	1			
Less: Returns	1,163	1,140	23	20			1	1	(3)
Equals: Net foreign aid	+19	+14	+4	+5	+1	+1	-1	-1	(3)
Net grants	(4)	+6	-6	-6	(4)				
Net credits	+18	+8	+10	+11	(4)	+1	-1	-1	(3)
Canada:									
Gross foreign aid	176	33	143			140	1	2	1
Less: Returns	168	26	142	(3)	(3)	140	(3)	1	(3)
Equals: Net foreign aid: Net credits	+8	+7	+2	(3)	(3)	(3)	(4)	+1	+1
India: ⁶									
Gross foreign aid	898	742	156	42		3	(3)	1	110
Less: Returns	616	582	33	23	3	6	(3)		2
Equals: Net foreign aid	+283	+160	+123	+20	-3	-2	(3)	+1	+108
Net grants	+5	+28	-23	-20	-3	-6	(4)	+1	+4
Net credits	+277	+132	+146	+30		+3	(3)		+104
Union of South Africa:									
Gross foreign aid	95	93	1		1				
Less: Returns	94	1	93		92	(3)		1	(3)
Equals: Net foreign aid	(4)	+92	-92		-91	(3)		-1	(3)
Net grants		+92	-92		-92				
Net credits	(4)		(4)		+1	(3)		-1	(3)
Burma:									
Gross foreign aid	11		11		5	(3)	(3)	(3)	6
Less: Returns	1		1			(3)		1	1
Equals: Net foreign aid	+10		+10		+5	(3)	(3)	-1	+5
Net grants	+6		+6			(4)	(4)	(4)	+6
Net credits	+4		+4		+5	(3)	(4)	-1	(3)

See footnotes at end of table.

No. 1001.—U. S. GOVERNMENT FOREIGN AID BY COUNTRY, TO DEC. 31, 1951—Con.

[In millions of dollars]

COUNTRY	Total war and postwar periods	War period ¹	POSTWAR PERIOD						
			Total	July 1945–Dec. 1946	1947	1948	1949	1950	1951
China-Taiwan (Formosa):									
Gross foreign aid	3,161	1,311	1,850	1,208	207	226	111	25	73
Less: Returns	186	64	122	24	18	35	34	6	6
Equals: Net foreign aid	+2,974	+1,247	+1,727	+1,184	+189	+191	+77	+19	+67
Net grants	+2,844	+1,237	+1,617	+1,035	+173	+206	+107	+24	+72
Net credits	+130	+20	+110	+150	+16	-15	-30	-5	-5
Czechoslovakia:									
Gross foreign aid	222	8	213	174	39	(³)	7	(³)	(³)
Less: Returns	25		25						
Equals: Net foreign aid	+197	+8	+188	+174	+39	-7	-17	(³)	(³)
Net grants	+192	+8	+183	+152	+31	(³)		(³)	(³)
Net credits	+5		+5	+22	+8	-7	-17	(³)	(³)
Denmark:									
Gross foreign aid	281		281	15	1	40	108	55	62
Less: Returns	14		14			(³)	6	4	4
Equals: Net foreign aid	+267		+267	+15	+1	+40	+102	+51	+58
Net grants	+216		+216	(⁴)		+17	+89	+51	+59
Net credits	+51		+51	+15	+1	+23	+14	(³)	-1
Egypt:									
Gross foreign aid	20	2	18	9	1	3	5	(³)	(³)
Less: Returns	11		11		1	9	1		
Equals: Net foreign aid	+9	+2	+8	+9	(⁴)	-5	+4	(⁴)	(⁴)
Net grants	+2	+2	(⁴)	(³)	+1			(⁴)	(³)
Net credits	+7		+7	+9	-1	-5	+4	(⁴)	
Ethiopia:									
Gross foreign aid	9	6	4	(³)	1	(³)		1	1
Less: Returns	3	(³)	2				(³)		2
Equals: Net foreign aid	+7	+5	+1	(⁴)	+1	(⁴)	(³)	+1	-1
Net grants	+1	+1	(⁴)	(⁴)	(⁴)	(³)	(³)	(⁴)	(⁴)
Net credits	+5	+4	+1	(⁴)	+1	(⁴)	(⁴)	+1	-1
Finland:									
Gross foreign aid	145	17	128	53	32	26	12	5	
Less: Returns	36	2	34		13	3	7		3
Equals: Net foreign aid	+109	+14	+94	+53	+19	+24	+5	-3	-3
Net grants	+103	+1	+2	+1	+1				
Net credits	+105	+13	+92	+51	+18	+24	+5	-3	-3
France and possessions:									
Gross foreign aid	7,228	2,637	4,591	1,313	607	808	858	514	491
Less: Returns	1,135	867	269	6	19	25	91	51	78
Equals: Net foreign aid	+6,093	+1,770	+4,322	+1,307	+588	+783	+767	+464	+413
Net grants	+4,083	+1,770	+2,313	+1,18	+17	+619	+738	+480	+441
Net credits	+2,009		+2,009	+1,200	+571	+164	+29	-17	-28
Germany:									
Gross foreign aid	3,659		3,659	203	437	1,085	974	484	386
Less: Returns	108		108		3	38	28	18	21
Equals: Net foreign aid	+3,550		+3,550	+203	+433	+1,047	+946	+466	+365
Net grants	+3,481		+3,481	+272	+416	+1,019	+946	+467	+362
Net credits	+70		+70	+21	+17	+29		(³)	+3
Greece:									
Gross foreign aid	1,526	79	1,447	289	201	350	243	154	210
Less: Returns	56		56		3	4	18	14	16
Equals: Net foreign aid	+1,470	+79	+1,391	+289	+197	+346	+225	+140	+194
Net grants	+1,374	+79	+1,295	+253	+139	+335	+229	+142	+196
Net credits	+97		+97	+36	+58	+10	-4	-2	-2
Hungary:									
Gross foreign aid	18		18	16	2				
Less: Returns	2		2		(³)	1	(³)	(³)	(³)
Equals: Net foreign aid	+16		+16	+16	+2	-1	(³)	(³)	(³)
Net grants	+2		+2	+1	+1				
Net credits	+14		+14	+15	+1	-1	(³)	(³)	(³)
Iceland:									
Gross foreign aid	22	(³)	22			2	5	5	9
Less: Returns	1	1					(³)	(³)	(³)
Equals: Net foreign aid	+21	(³)	+21			+2	+5	+5	+9
Net grants	+17	(³)	+17			(⁴)	+5	+4	+7
Net credits	+4	(³)	+4			+2	(⁴)	(⁴)	+2
Indonesia:									
Gross foreign aid	159	4	155	68		14	33	38	3
Less: Returns	8		8			(³)	2	2	3
Equals: Net foreign aid	+151	+4	+148	+68		+14	+30	+35	+1
Net grants	+91	+4	+87	+4		+14	+30	+35	+3
Net credits	+61		+61	+64		(³)	(³)	(³)	-3
Iran:									
Gross foreign aid	36	8	28	5	(³)	(³)	17	2	4
Less: Returns	10		10	1	4	3	2	(³)	(⁴)
Equals: Net foreign aid	+26	+8	+18	+4	-3	-3	+15	+2	+4
Net grants	+2	+8	-6	-8			(⁴)	(⁴)	+2
Net credits	+24		+24	+11	-3	-3	+15	+2	+2

See footnotes at end of table.

No. 1001.—U. S. GOVERNMENT FOREIGN AID BY COUNTRY, TO DEC. 31, 1951—Con.
[In millions of dollars]

COUNTRY	Total war and postwar periods	War period ¹	POSTWAR PERIOD						
			Total	July 1945-Dec. 1946	1947	1948	1949	1950	1951
Iraq:									
Gross foreign aid.....	1		1	1					(3)
Less: Returns.....	1				(3)	1			
Equals: Net foreign aid.....	(4)		(4)	+1	(5)	-1			(4)
Net grants.....	(4)		(4)						(4)
Net credits.....				+1	(5)	-1			
Ireland:									
Gross foreign aid.....	147	(3)	146	(3)			67	55	25
Less: Returns.....	1		1					(3)	1
Equals: Net foreign aid.....	+146	(4)	+146	(4)			+67	+55	+24
Net grants.....	+18	(4)	+17	(4)			+3	(5)	+14
Net credits.....	+128		+128				+64	+55	+10
Israel:									
Gross foreign aid (equals net).....	105		105				7	41	57
Net grants.....	+16		+16						+16
Net credits.....	+89		+89				+7	+41	+41
Italy:									
Gross foreign aid.....	2,746	310	2,436	650	317	422	457	280	300
Less: Returns.....	137	4	133	1	11	22	20	36	42
Equals: Net foreign aid.....	+2,609	+306	+2,303	+649	+306	+400	+437	+254	+258
Net grants.....	+2,283	+310	+1,972	+506	+246	+314	+375	+249	+283
Net credits.....	+327	-4	+331	+143	+60	+86	+62	+5	-25
Japan and Ryukyu Islands:									
Gross foreign aid.....	2,547	4	2,543	338	557	498	590	307	253
Less: Returns.....	289		289		116	76	25	69	3
Equals: Net foreign aid.....	+2,258	+4	+2,254	+338	+441	+422	+565	+238	+251
Net grants.....	+2,247	+4	+2,243	+217	+482	+478	+542	+270	+253
Net credits.....	+11		+11	+121	-41	-56	+22	-32	-3
Jordan:									
Gross foreign aid (net grants).....	2		2						2
Korea:									
Gross foreign aid.....	561		561	32	83	142	85	112	108
Less: Returns.....	13		13				7	5	(3)
Equals: Net foreign aid.....	+548		+548	+32	+83	+142	+77	+107	+108
Net grants.....	+527		+527	+25	+74	+132	+77	+110	+108
Net credits.....	+21		+21	+7	+8	+10		-4	
Lebanon:									
Gross foreign aid.....	2		2	2				(3)	(3)
Less: Returns.....	1		1	(3)		1	(3)	(3)	(3)
Equals: Net foreign aid.....	+1		+1	+2	(5)	-1	(5)	(5)	(5)
Net grants.....	(4)		(4)					(4)	(4)
Net credits.....	+1		+1	+2	(5)	-1	(5)	(5)	(5)
Liberia:									
Gross foreign aid.....	24	4	20	5	3	2	4	4	3
Less: Returns.....	(3)		(3)						(3)
Equals: Net foreign aid.....	+23	+4	+20	+5	+3	+2	+4	+4	+3
Net grants.....	+1		+1						+1
Net credits.....	+23	+3	+19	+5	+3	+2	(4)	(4)	+2
Netherlands:									
Gross foreign aid.....	1,323	151	1,172	198	90	130	320	276	150
Less: Returns.....	178	37	141	1	11	3	24	53	48
Equals: Net foreign aid.....	+1,145	+114	+1,031	+196	+88	+126	+297	+223	+102
Net grants.....	+768	+78	+690	+65	-40	+73	+203	+252	+142
Net credits.....	+378	+36	+341	+131	+134	+53	+93	-30	-40
Norway:									
Gross foreign aid.....	334	37	297	8	24	64	75	76	49
Less: Returns.....	39	(3)	39		(3)	3	10	16	9
Equals: Net foreign aid.....	+294	+37	+258	+8	+24	+61	+64	+60	+40
Net grants.....	+200	+37	+162	+1	(4)	+11	+37	+69	+45
Net credits.....	+95	(5)	+95	+8	+23	+50	+27	-8	-5
Philippines:									
Gross foreign aid.....	839	53	786	71	161	133	203	202	17
Less: Returns.....	18		18		11	2	(3)	(3)	4
Equals: Net foreign aid.....	+821	+53	+768	+71	+150	+131	+203	+201	+13
Net grants.....	+724	+53	+672	+65	+91	+130	+203	+166	+17
Net credits.....	+96		+96	+6	+59	+1	(5)	+35	-4
Poland:									
Gross foreign aid.....	465	22	443	326	96	19	1		
Less: Returns.....	2	(3)	2		(3)	1	(3)	(3)	1
Equals: Net foreign aid.....	+463	+22	+441	+326	+96	+19	+1	(5)	-1
Net grants.....	+337	+22	+365	+291	+74				
Net credits.....	+76	(5)	+76	+35	+21	+19	+1	(5)	-1
Portugal and possessions:									
Gross foreign aid.....	39	(3)	39					19	20
Less: Returns.....	3	1	1		(3)	(3)		1	1
Equals: Net foreign aid.....	+37	-1	+38		(5)	(5)		+18	+20
Net grants.....	+8	(4)	+8					+7	+1
Net credits.....	+28	-1	+29		(5)	(5)		+10	+19

See footnotes at end of table.

No. 1001.—U. S. GOVERNMENT FOREIGN AID BY COUNTRY, TO DEC. 31, 1951—Con.
[In millions of dollars]

COUNTRY	Total war and postwar periods	War period ¹	POSTWAR PERIOD						
			Total	July 1945-Dec. 1946	1947	1948	1949	1950	1951
Saudi Arabia:									
Gross foreign aid.....	39	18	20	11	5	(²)	(³)	1	3
Less: Returns.....	6		6			3	1	1	1
Equals: Net foreign aid.....	+33	+18	+15	+11	+5	-3	-1	(⁴)	+2
Net grants.....	+7	+5	+2	+2			(⁴)	(⁴)	(⁴)
Net credits.....	+26	+13	+13	+9	+5	-3	-1	(⁴)	+2
Spain:									
Gross foreign aid.....	19	2	17						17
Less: Returns.....	13	13							
Equals: Net foreign aid.....	+6	-11	+17						+17
Net grants.....	+2	+2							
Net credits.....	+4	-13	+17						+17
Sweden:									
Gross foreign aid.....	116	1	115	1		3	40	45	27
Less: Returns.....	7	4	3				1	2	(³)
Equals: Net foreign aid.....	+109	-3	+112	+1		+3	+39	+43	+27
Net grants.....	+92	+1	+91	+1		+1	+38	+24	+27
Net credits.....	+18	-4	+22			+2	+1	+19	(⁴)
Switzerland:									
Gross foreign aid.....	2		2	2					
Equals: Net foreign aid: Net grants.....	+2		+2	+2					
Thailand:									
Gross foreign aid.....	13		13	5	(³)	1	(³)	(³)	6
Less: Returns.....	3		3				(³)	(³)	2
Equals: Net foreign aid.....	+10		+10	+5	(⁴)	+1	(³)	(³)	+4
Net grants.....	+5		+5	+5			(⁴)	(³)	+5
Net credits.....	+5		+5	+5	(⁴)	+1	(⁴)	(³)	(⁴)
Trieste:									
Gross foreign aid.....	46		46		11	10	9	8	8
Less: Returns.....	2		2			(³)	1	(³)	1
Equals: Net foreign aid: Net grants.....	+44		+44		+11	+10	+9	+8	+7
Trust Territory of the Pacific Islands:									
Gross foreign aid.....	6	2	4	4					
Equals: Net foreign aid: Net grants.....	+6	+2	+4	+4					
Turkey:									
Gross foreign aid.....	420	90	329	3	11	85	94	73	63
Less: Returns.....	28		28	4	1	2	4	8	7
Equals: Net foreign aid.....	+391	+90	+301	-1	+10	+83	+90	+64	+56
Net grants.....	+296	+90	+206	-4	+1	+73	+62	+33	+42
Net credits.....	+95		+95	+3	+9	+10	+28	+32	+14
U. S. S. R.:									
Gross foreign aid.....	11,242	10,776	465	420	45				-13
Less: Returns.....	46	7	39	2		8	8	9	-13
Equals: Net foreign aid.....	+11,195	+10,769	+426	+419	+45	-8	-8	-9	-13
Net grants.....	+10,973	+10,769	+203	+196	+45	-8	-8	-9	-13
Net credits.....	+223		+223	+223					
Yugoslavia:									
Gross foreign aid.....	475	33	442	265	34			36	107
Less: Returns.....	2		2					(³)	2
Equals: Net foreign aid.....	+473	+33	+440	+265	+34			+36	+106
Net grants.....	+422	+33	+389	+265	+34	-1		(⁴)	+91
Net credits.....	+51		+51		+1			+36	+15
Unclassified areas and international organizations: ⁸									
Gross foreign aid.....	5,115	1,746	3,370	494	108	128	154	697	1,789
Less: Returns.....	1		1						1
Equals: Net foreign aid.....	+5,114	+1,746	+3,369	+494	+108	+128	+154	+697	+1,788
Net grants.....	+5,058	+1,746	+3,312	+494	+108	+125	+134	+675	+1,776
Net credits.....	+57		+57			+3	+20	+22	+12

¹ July 1, 1940, through June 30, 1945. All lend-lease and credit-agreement offsets to grants are through VJ-day (Sept. 2, 1945).

² Outstanding credits on Dec. 31, 1950, totaled \$10,119 million, exceeding net credits for the war and postwar periods by \$98 million, representing the outstanding (or net) credits resulting from Export-Import Bank operations from date of organization, Feb. 12, 1934, through June 30, 1940. By country, this \$98 million is American Republics, \$32 million; China, \$20 million; Finland, \$11 million; Italy, \$4 million; Portugal, \$3 million; Rumania, \$1 million; Spain, \$13 million; Sweden, \$4 million.

³ Less than \$500,000.

⁴ Net (+) of less than \$500,000.

⁵ Net (-) of less than \$500,000.

⁶ Data include small amounts for Ceylon and Pakistan.

⁷ Gross foreign aid, net foreign aid, and net credits for Netherlands include \$17.2 million ERP credits to Netherlands on behalf of Indonesia (\$5.8 million in 1948; \$10.4 million in 1949; and \$1.0 million in 1950). All other aid to Indonesia, including grants under European Recovery Program, included against Indonesia.

⁸ Data include small amounts for Libya, Nepal, and Syria.

Source: Department of Commerce, Office of Business Economics; quarterly report, *Foreign Transactions of the U. S. Government*.

No. 1002.—MSA EUROPEAN PROGRAM—AUTHORIZATIONS AND PAID SHIPMENTS, BY COMMODITY GROUP AND AREA OF SOURCE: APRIL 3, 1948, TO DEC. 31, 1951

[In millions of dollars. Includes Mutual Defense Assistance Program economic assistance funds transferred to Economic Cooperation Administration beginning July 1, 1950. Also includes data for Overseas Territory Development]

COMMODITY GROUP	Total	United States	Canada	Latin America	Participating (OEEC) countries	Other countries
Procurement authorizations, total	12,281.0	(1)	(1)	(1)	(1)	(1)
Total commodities	10,782.0	7,587.1	1,215.5	853.7	512.9	622.8
Food and agricultural commodities	5,247.3	4,129.8	602.1	407.3	50.4	57.8
Industrial commodities	5,544.7	3,457.4	613.4	446.3	462.5	565.0
Technical services	52.8	51.7			1.1	
Ship disbursements	9.3	(1)	(1)	(1)	(1)	(1)
Assistance via European Payments Union	194.7	(1)	(1)	(1)	(1)	(1)
European Payments Union—capital fund	350.0	(1)	(1)	(1)	(1)	(1)
Prepaid freight account	42.5	(1)	(1)	(1)	(1)	(1)
Ocean freight	849.8	(1)	(1)	(1)	(1)	(1)
Paid shipments, total¹	11,348.2	(1)	(1)	(1)	(1)	(1)
Total commodities	10,004.3	6,885.2	1,215.4	819.8	503.7	592.3
Food and agricultural commodities	5,145.6	4,037.9	603.1	398.4	49.8	57.4
Industrial commodities	4,869.8	2,847.3	612.3	421.4	453.9	534.8
Technical services	36.8	35.8			1.1	
Ship disbursements	8.8	(1)	(1)	(1)	(1)	(1)
Assistance via European Payments Union	165.3	(1)	(1)	(1)	(1)	(1)
European Payments Union—capital fund	350.0	(1)	(1)	(1)	(1)	(1)
Ocean freight	783.0	(1)	(1)	(1)	(1)	(1)
COMMODITY SHIPMENTS						
Food, feed, and fertilizer	3,209.5	2,140.6	603.0	375.4	48.9	41.6
Bread grains	1,638.2	1,147.5	490.7			
Coarse grains	409.8	402.4	7.4			
Fats and oils	347.3	279.7	10.1	9.4	19.3	28.8
Sugar and related products	300.8	21.5		272.2	1.1	5.7
Meat	129.5	24.1	67.5	35.9	1.8	.2
Dairy products	117.4	107.0	10.0	.1	.3	
Feeds and fodder	58.4	36.7	2.8	13.6	1.9	3.3
Fertilizer	46.4	15.5	3.4	14.4	10.5	2.6
Fruits and nuts, except peanuts	35.4	29.8	.3		5.2	
Rice	31.1	28.1		3.0		
Coffee	23.3			23.3		
Vegetables and preparations	20.0	10.8	.1	.3	8.4	.4
Eggs	18.4	18.4				
Fish, and products, except fish oil and meal	15.9	6.3	9.4		.2	
Miscellaneous grain preparations	6.8	6.3	.5			
Seeds, other than oilseeds	6.7	5.8	.8		.1	
Miscellaneous edible agricultural products	4.1	.8		3.0		.3
Fuel	1,552.4	534.0	.1	151.6	388.8	477.8
Petroleum and products	1,208.3	289.3	.1	151.6	301.6	405.7
Coal and related fuels	344.1	244.7			87.2	12.1
Raw materials and semifinished products	3,280.9	2,308.5	557.7	283.9	58.8	72.0
Cotton	1,397.8	1,397.5		.3		
Nonferrous metals and products	627.8	147.9	311.6	128.3	34.3	5.7
Iron and steel mill materials and products, including ferro-alloys	269.4	229.0	19.7	.7	19.3	.7
Chemicals and related products	261.0	244.1	9.3	5.8	1.7	.1
Metallic ores and concentrates	130.1	10.9	37.3	80.2		1.7
Lumber and lumber manufactures	116.9	51.4	61.4	2.2	.6	1.3
Fabricated basic textiles	114.5	61.8	2.5	1.6	2.1	46.6
Pulp and paper	109.4	25.1	84.3			
Nonmetallic minerals	96.6	69.0	27.3	.2		
Hides, skins, and leather	79.7	24.7	4.1	50.6		.4
Fibers, except unmanufactured cotton and wool	36.4	6.6	.1	13.9	.3	15.4
Naval stores	26.2	26.0				.1
Wool, unmanufactured	13.7	13.6		.1		
Miscellaneous fiber products	1.5	.9			.6	
Machinery and vehicles	1,428.1	1,386.1	36.8		5.2	.3
Machinery and equipment	1,093.9	1,059.9	28.9		5.0	.3
Motor vehicles, engines, and parts	201.1	199.6	1.5			
Aircraft, engines, and parts	84.5	84.5				
Other transportation equipment	48.6	42.0	6.4		.1	
Miscellaneous and unclassified	453.3	516.0	17.8	8.8	2.0	.8
Tobacco	444.5	439.2		4.7	.6	
Miscellaneous industrial commodities	82.3	62.5	17.8	.1	1.5	.5
Misc. inedible agricultural products	18.7	14.3		4.0		.3

¹ Not available.

² Includes refunds totaling \$10.1 million for unclassified commodities not shown separately.

³ MSA/BCA expenditures supplemented by movement reports from U. S. Government agencies; total paid shipments are less than actual movements because of time required for receipt and processing of documents requesting payments.

⁴ Includes refunds totaling \$12.1 million for unclassified commodities not shown separately.

Source: Mutual Security Agency; *Monthly Report for the Public Advisory Board*.

No. 1003.—MSA EUROPEAN PROGRAM—AUTHORIZATIONS AND PAID SHIPMENTS, BY COMMODITY GROUP AND COUNTRY OF DESTINATION:
APRIL 3, 1948, TO DEC. 31, 1951

[In millions of dollars]

COMMODITY GROUP	Total	COUNTRY OF DESTINATION															Yugo- slav- ia via	
		Aus- tria	Bel- gium- Lux- em- bourg	Den- mark	France	Ger- many (Fed. Rep.)	Greece	Ice- land	Ire- land	Italy	Neth- er- lands	Nor- way	Por- tugal	Swe- den	Tri- este	Tur- key		United King- dom
Procurement authorizations, total	12,281.0	633.1	546.2	266.2	2,494.4	1,315.9	610.0	26.4	146.2	1,311.4	999.0	240.8	49.6	115.5	32.9	176.1	2,865.1	59.6
Commodity total	10,732.0	527.1	517.8	254.5	2,151.9	1,205.7	463.2	21.4	144.4	1,172.0	969.2	236.4	47.2	115.5	27.3	132.3	2,740.0	56.2
Food and agricultural commod- ities	5,247.3	370.4	171.4	116.1	656.4	927.8	293.5	6.5	105.2	567.5	462.3	105.6	19.0	1.6	11.5	15.6	1,394.1	22.9
Industrial commodities	5,544.7	157.1	346.4	138.9	1,497.5	279.8	169.8	14.9	39.2	607.8	507.1	131.2	28.3	113.9	15.8	116.7	1,346.9	33.3
Unclassified commodity adjust- ments	-10.1	-4	-	-5	-1.9	-2.0	-	-	-	-3.3	-2	-3	-1	-	-	-	-1.1	-
Technical services	52.8	.1	-	-	15.4	2.0	4.2	.4	-	10.2	1.9	1.1	1.1	-	-	9.4	7.9	-
Ship disbursements	9.3	-	1.4	-	2.0	.5	.4	-	-	2.5	2.5	.5	-	-	-	2.0	2.0	-
Assistance via European Pay- ments Union	194.7	33.0	-	-	-	-	95.3	4.5	-	-	-	-	-	-	-	22.0	39.9	-
European Payments Union—cap- ital fund	350.0	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Prepaid freight account	42.5	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Ocean freight	849.8	72.9	27.0	11.7	325.1	107.7	46.9	.1	1.8	129.2	25.4	2.8	2.4	-	5.6	12.4	75.3	3.4
Paid shipments, total²	11,348.2	573.2	520.5	259.3	2,285.2	1,277.2	500.6	21.8	146.1	1,140.1	953.3	221.1	37.2	110.5	31.9	127.8	2,747.7	39.8
Commodity total	310,004.3	480.6	494.6	248.4	1,965.0	1,171.5	391.8	17.0	144.2	1,017.2	929.4	217.5	35.5	110.5	26.9	93.6	2,622.7	38.1
Food and agricultural commod- ities	5,146.6	351.1	171.4	115.6	645.6	916.2	269.0	6.4	105.2	561.1	450.5	101.7	19.0	1.6	11.5	12.8	1,388.5	19.3
Industrial commodities	4,869.8	129.8	323.2	133.2	1,321.6	258.4	122.9	10.6	39.1	459.9	479.2	116.1	16.6	108.9	15.4	80.8	1,235.3	18.8
Technical services	36.8	-	-	-	8.7	.9	5.3	.2	-	6.3	1.1	1.1	-	-	-	5.4	7.9	-
Ship disbursements	8.8	-	-	-	2.0	.2	.3	-	-	-	2.5	.4	-	-	-	-	2.0	-
Assistance via European Pay- ments Union	165.3	33.0	-	-	-	-	65.9	4.5	-	-	-	-	-	-	-	22.0	39.9	-
European Payments Union—cap- ital fund	350.0	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Ocean freight	783.0	59.6	24.4	10.9	309.5	104.6	37.3	.1	1.8	116.7	25.3	2.1	1.7	-	5.1	6.8	75.2	1.7

COMMODITY DETAIL													
Food, feed and fertilizer	3,209.5	294.8	147.5	76.6	252.3	568.0	257.3	6.3	69.1	224.5	313.6	82.0	19.0
Bread grains	1,638.2	146.6	54.0	5.6	79.6	209.4	147.2	1.7	20.2	195.3	152.9	43.3	19.0
Coarse grains	4,092.8	46.6	6.0	20.4	57.0	162.8	4.2	46.5	46.5	2.8	45.7	18.0	19.0
Fats and oils	347.3	59.6	24.0	15.5	65.8	88.5	5.7	8	17.3	17.3	46.0	10.6	2.5
Sugar and related products	300.8	16.2	14.7	12.5	12.5	54.5	35.2	3	6	29.7	29.7	2.8	2.5
Meat	129.5	4.4	10.7	2	1.1	18.5	14.3	3	2	4.4	4.4	2.8	1.1
Dairy products	117.4	4.4	13.5	11.8	11.8	2	20.1	3.5	1.4	9.0	33.7	7.3	1.2
Other	266.5	21.1	24.6	35.1	24.7	34.2	30.6	3.5	1.4	9.0	33.7	7.3	1.1
Fuel	1,552.4	35.8	60.5	65.8	579.3	51.0	22.2	1.7	13.3	178.9	78.3	35.9	8.4
Petroleum and products	1,208.3	3.2	58.5	55.1	380.3	51.0	21.7	1.6	13.3	101.8	61.9	35.6	8.4
Coal and related fuels	344.1	32.6	2.1	10.7	199.1		5			77.1	16.3	3	6
Raw materials and semifinished products	3,230.9	89.7	93.8	50.7	676.5	437.9	47.5	2.0	14.0	410.0	345.4	57.4	1.4
Cotton	1,397.8	40.1	6.7	18.4	356.8	247.4	9.3	2.5	2	329.5	103.4	1.9	1.6
Nonferrous metals and products	627.8	8.4	7	13.1	133.7	40.3	2.5	1		33.8	48.8	5.9	2.4
Iron and steel mill materials and products, including ferro-alloys	269.4	6.1	13.4	13.1	43.7	3.0	9.7	4	2.1	16.3	66.9	30.2	1.2
Chemicals and related products	261.0	13.5	27.3	1.4	74.1	19.1	12.3	1	4	15.0	21.4	2.7	1.1
Metallic ores and concentrates	130.1	2.2	19.7		15.7	24.3				5	6.7	1.9	4
Lumber and lumber manufactures	116.9	1.0	6.3	2	5.7	6.2	5.5	1	8.6	1.0	6.8	1.0	5
Fabricated basic textiles	114.5	8	3.4	8	4.6	6.3	1.3	7	1.9	5.3	65.7	9.8	2.4
Pulp and paper	109.4	1	2.6		8.0	18.2	1.8	6	4.8	9	8		2.4
Nonmetallic minerals	95.6	2.8	10.4	1.0	20.9	5.4	1.2		2.2	5.3	11.6	1.2	1
Hides skins and leather	79.7	8.9	2.4		3	40.9	5.0		7			4	5.2
Fibers, except unmanufactured cotton and wool	36.4	6	6	2.5	12.6	8.7			1	2.0	3.8	2.2	1
Naval stores	25.2	1	3	3	10.4	10.4			1			3	1
Wool unmanufactured	13.7	5.2			7.6								1
Miscellaneous fiber products	1.5				2					.7			1
Machinery and vehicles	1,428.1	48.1	168.5	36.1	415.8	35.4	53.7	6.7	10.8	193.3	157.6	25.8	6.7
Machinery and equipment	1,093.9	46.2	70.9	28.3	314.0	29.6	40.4	5.5	6.8	188.4	84.7	23.2	4.7
Motor vehicles, engines, and parts	201.1	1.2	92.8	6.0	17.1	5.2	12.6	6	3.9	1	43.2	1.2	5
Aircraft engines and parts	84.5	4.1	8	46.2	46.2		5			4.4	27.4	1.0	1.6
Other transportation equipment	48.6	7	4.1	9	38.5	7	3	6		4	2.3	4	1
Miscellaneous and unclassified	3,333.3	12.1	24.3	19.2	41.1	79.2	11.0	2	37.0	10.5	34.4	16.5	1
Tobacco	444.5	9.9	15.7	17.6	20.4	69.3			35.7	5.1	22.1	15.3	1
Other	88.9	2.3	8.6	1.6	20.6	9.9	11.0	2	1.3	5.4	12.3	1.2	1

¹Not available.

²MSA/CEA expenditures supplemented by movement reports from U. S. Government agencies; total paid shipments are less than actual movements because of the time required for receipt and processing of documents requesting payment.

³Includes refunds totaling \$12.1 million for unclassified commodities.

Source: Mutual Security Agency; *Monthly Report for the Public Advisory Board*.

No. 1004.—MSA FAR EAST PROGRAM—AUTHORIZATIONS AND PAID SHIPMENTS, BY
COMMODITY GROUP AND AREA OF SOURCE: JUNE 5, 1950 TO DEC. 31, 1951

[In thousands of dollars]

COMMODITY GROUP	Total	AREA OF SOURCE					
		United States	Canada	Latin America	European participating (OEEC) countries	Other countries	Source not specified
Authorizations, total	247, 144	(1)	(1)	(1)	(1)	(1)	(1)
Commodity total.....	223, 745	175, 702	2	973	7, 620	36, 006	3, 444
Food and agricultural commodities.....	99, 827	90, 600		973	3, 300	4, 954	
Industrial commodities.....	123, 849	85, 102	2		4, 320	31, 017	3, 400
Unclassified commodities.....	70					35	35
Technical services.....	5, 591	5, 588			3		
Technical assistance.....	3, 904	3, 904					
Joint Commission on Rural Reconstruction.....	100	(1)	(1)	(1)	(1)	(1)	(1)
Ocean freight.....	13, 803	(1)	(1)	(1)	(1)	(1)	(1)
Paid shipments, total	103, 303	(1)	(1)	(1)	(1)	(1)	(1)
Commodity total.....	94, 454	59, 333	398	593	14, 173	19, 941	16
Food and agricultural commodities.....	58, 245	39, 506	396	499	12, 869	4, 975	
Industrial commodities.....	36, 092	19, 827	2	93	1, 304	14, 865	
Unclassified commodities.....	118					102	16
Technical services.....	1, 780	1, 780					
Technical assistance.....	736	736					
Joint Commission on Rural Reconstruction.....	2 119	2 119					
Ocean freight.....	6, 214	(1)	(1)	(1)	(1)	(1)	(1)
COMMODITY DETAIL							
Food, feed, and fertilizer	43, 140	24, 401	396	499	12, 869	4, 975	
Fertilizer.....	25, 409	7, 598	235		12, 869	4, 707	
Fats and oils.....	8, 751	8, 751					
Bread grains.....	6, 311	6, 311					
Oilcake and oilcake meal.....	1, 052	1, 052					
Sugar, raw or refined.....	706			499		267	
Dairy products, milk.....	506	506					
Fish and fish products, except fish oil and meal.....	161		161				
Canned meats and poultry.....	98	98					
Vegetables and preparations.....	23	23					
Seeds, other than oilseeds.....	3	3					
Fuel	5, 646	1, 785				3, 861	
Petroleum and products.....	5, 629	1, 758				3, 861	
Coal and related fuels.....	17	17					
Raw materials and semifinished products	32, 740	23, 849		93	763	8, 034	
Cotton.....	14, 104	14, 104				70	
Chemicals and related products.....	5, 551	4, 911			570		
Fabricated basic textiles.....	5, 214	1, 111				4, 102	
Iron and steel mill materials and products, including ferro-alloys.....	3, 716	1, 043			90	2, 583	
Pulp and paper.....	1, 000	891			89	20	
Nonferrous metals and products.....	912	43			15	854	
Lumber and lumber manufactures.....	903	903					
Hides, skins, and leather.....	585	360		93		132	
Nonmetallic minerals.....	462	256				206	
Miscellaneous fiber products.....	294	229				66	
Machinery and vehicles	9, 102	6, 431	2		246	2, 423	
Machinery and equipment.....	5, 197	3, 622	2		53	1, 520	
Motor vehicles, engines, and parts.....	2, 514	2, 173			194	147	
Aircraft, engines, and parts.....	32	32					
Other transportation equipment.....	1, 359	604				756	
Miscellaneous and unclassified	3, 826	2, 867			295	649	16
Tobacco.....	1, 001	1, 001					
Miscellaneous industrial commodities.....	2, 707	1, 866			295	547	
Unclassified commodities.....	118					102	16

¹ Not available.

² Temporary overpayments pending final adjustment.

Source: Mutual Security Agency; *Monthly Report for the Public Advisory Board*.

No. 1005.—MSA FAR EAST PROGRAM—AUTHORIZATIONS AND PAID SHIPMENTS BY COMMODITY GROUP AND COUNTRY OF DESTINATION: JUNE 5, 1950 TO DEC. 31, 1951

[In thousands of dollars]

COMMODITY GROUP	Total	COUNTRY OF DESTINATION							
		Burma	China (Formosa)	Indo-china, Associated States	Indo-nesian Re-public	Philip-pines	Thai-land	Far East gen-eral ac-count ¹	Far East in-ven-tory ²
Authorizations, total	247, 144	15, 577	148, 493	33, 980	9, 923	27, 031	11, 638	493	8
Commodity total.....	223, 745	12, 616	135, 814	30, 809	8, 823	25, 618	10, 056	-----	8
Food and agricultural commodities.....	99, 827	1, 888	82, 675	6, 522	1, 114	7, 623	5	-----	-----
Industrial commodities.....	123, 849	10, 728	53, 140	24, 227	7, 709	17, 985	10, 051	-----	8
Unclassified commodities.....	70	-----	-----	60	-----	10	-----	-----	-----
Technical services.....	5, 591	2, 285	1, 311	237	800	311	284	363	-----
Technical assistance.....	3, 904	576	577	261	205	1, 102	1, 053	130	-----
Joint Commission on Rural Recon-struction.....	100	-----	100	-----	-----	-----	-----	-----	-----
Ocean freight.....	13, 803	100	10, 690	2, 673	95	-----	245	-----	-----
Paid shipments, total	103, 303	5, 707	70, 913	14, 042	2, 767	4, 695	4, 830	340	7
Commodity total.....	94, 454	5, 232	65, 391	12, 748	2, 268	4, 520	4, 288	-----	7
Food and agricultural commodities.....	58, 245	320	51, 334	4, 233	137	2, 216	4	-----	-----
Industrial commodities.....	36, 092	4, 912	14, 058	8, 499	2, 130	2, 304	4, 181	-----	7
Unclassified commodities.....	118	-----	-----	16	-----	-----	102	-----	-----
Technical services.....	1, 780	333	459	126	356	4	167	335	-----
Technical assistance.....	736	103	113	69	50	171	224	5	-----
Joint Commission on Rural Recon-struction.....	3 119	-----	3 119	-----	-----	-----	-----	-----	-----
Ocean freight.....	6, 214	39	4, 830	1, 099	94	-----	152	-----	-----
COMMODITY DETAIL									
Food, feed, and fertilizer	43, 140	24	39, 218	1, 710	137	2, 046	4	-----	-----
Fertilizer.....	25, 409	21	22, 467	734	137	2, 046	4	-----	-----
Fats and oils.....	8, 751	-----	8, 751	-----	-----	-----	-----	-----	-----
Bread grains.....	6, 311	-----	6, 311	-----	-----	-----	-----	-----	-----
Oilcake and oilcake meal.....	1, 052	-----	1, 052	-----	-----	-----	-----	-----	-----
Sugar, raw or refined.....	766	-----	766	-----	-----	-----	-----	-----	-----
Dairy products, milk.....	566	-----	454	111	-----	-----	-----	-----	-----
Fish and fish products, except fish oil and meal.....	161	-----	161	-----	-----	-----	-----	-----	-----
Meat, canned meats and poultry.....	98	-----	-----	98	-----	-----	-----	-----	-----
Vegetables and preparations.....	23	-----	23	-----	-----	-----	-----	-----	-----
Seeds, other than oilseeds.....	3	3	-----	-----	-----	-----	-----	-----	-----
Fuel	5, 646	-----	4, 804	806	-----	19	17	-----	-----
Petroleum and products.....	5, 629	-----	4, 804	806	-----	19	-----	-----	-----
Coal and related fuels.....	17	-----	-----	-----	-----	-----	17	-----	-----
Raw materials and semifinished products	32, 740	3, 885	18, 534	6, 073	1, 022	2, 002	1, 223	-----	-----
Cotton.....	14, 104	296	11, 114	2, 524	-----	170	-----	-----	-----
Chemicals and related products.....	5, 551	654	563	2, 150	823	619	741	-----	-----
Fabricated basic textiles.....	5, 214	1, 972	1, 976	1, 018	-----	246	1	-----	-----
Iron and steel mill materials and products, including ferro-alloys.....	3, 716	709	2, 186	138	199	6	479	-----	-----
Pulp and paper.....	1, 000	124	227	126	-----	521	1	-----	-----
Nonferrous metals and products.....	912	-----	818	93	-----	-----	1	-----	-----
Lumber and lumber manufactures.....	903	-----	903	-----	-----	-----	-----	-----	-----
Hides, skins, and leather.....	585	-----	225	-----	-----	360	-----	-----	-----
Nonmetallic minerals.....	462	131	329	3	-----	-----	-----	-----	-----
Miscellaneous fiber products.....	294	-----	192	22	-----	79	-----	-----	-----
Machinery and vehicles	9, 102	410	1, 816	3, 199	820	270	2, 580	-----	7
Machinery and equipment.....	5, 197	239	1, 285	1, 624	337	136	1, 568	-----	7
Motor vehicles, engines, and parts.....	2, 514	171	342	1, 543	-----	133	325	-----	-----
Aircraft, engines, and parts.....	32	-----	-----	32	-----	-----	-----	-----	-----
Other transportation equipment.....	1, 359	-----	189	-----	483	-----	687	-----	-----
Miscellaneous and unclassified	3, 826	913	1, 019	960	288	184	463	-----	-----
Tobacco.....	1, 001	-----	1, 001	-----	-----	-----	-----	-----	-----
Miscellaneous industrial commodities.....	2, 707	913	18	944	288	184	361	-----	-----
Unclassified commodities.....	118	-----	-----	16	-----	-----	102	-----	-----

¹ To be used for services provided by the United States Public Health Service in connection with health problems common to several countries, not assignable by specific country.

² To be used for commodities to be distributed among Far East countries after delivery; such commodities are held in a pool and assigned to particular countries as required.

³ Temporary overpayments pending final adjustment.

Source: Mutual Security Agency; *Monthly Report for the Public Advisory Board*.

No. 1006.—FOREIGN TRADE OF THE UNITED STATES—SUMMARY: 1936 TO 1951

[In thousands of dollars. For calendar years]

ITEM	1936-1940, average	1941-1945, average	1946-1950, average	1948	1949	1950	1951
Merchandise:							
Exports (incl. reexports).....	3,219,581	10,051,075	11,829,467	12,653,058	12,051,108	10,275,102	15,020,409
U. S. merchandise.....	3,166,518	9,922,152	11,672,634	12,532,093	11,936,125	10,142,482	14,867,550
Reexports of foreign merchandise.....	53,063	128,923	156,834	120,965	114,984	132,620	152,849
General imports.....	2,482,030	3,514,080	6,659,363	7,123,877	6,622,390	8,852,161	10,961,550
Entered for immediate consumption.....	2,092,793	3,054,652	5,895,465	6,360,870	5,942,177	7,814,743	9,595,793
Entered for warehouse.....	389,237	459,428	763,898	763,007	680,213	1,037,419	1,365,758
Excess of exports.....	737,552	6,536,995	5,170,104	5,529,181	5,428,718	1,422,941	4,058,858
Imports for consumption.....	2,440,042	3,475,593	6,583,595	7,092,032	6,591,640	8,743,082	10,812,961
Entered for immediate consumption.....	2,092,793	3,054,652	5,895,465	6,360,870	5,942,177	7,814,743	9,595,793
Withdrawn from warehouse.....	347,249	420,941	688,130	731,162	649,463	928,339	1,217,168
Free.....	1,475,825	2,293,945	3,842,818	4,174,523	3,883,186	4,766,778	5,992,946
Dutiable.....	964,217	1,181,648	2,740,777	2,917,509	2,708,454	8,976,304	4,820,015
Percent free.....	60.48	66.00	58.37	58.86	58.91	54.52	55.42
Duties calculated.....	365,151	379,704	(1)	(1)	(1)	(1)	(1)
Ratio of duties (percent):							
To total imports for consumption.....	14.97	10.92	(1)	(1)	(1)	(1)	(1)
To dutiable imports.....	37.87	32.13	(1)	(1)	(1)	(1)	(1)
Gold:							
Exports.....	16,989	238,443	270,890	300,771	84,936	534,036	630,382
Imports.....	2,615,845	321,514	1,105,573	1,981,175	771,390	162,749	81,259
Excess of: Imports.....	2,598,856	83,070	834,683	1,680,404	686,455		
Exports.....						371,287	549,123
Silver:							
Exports.....	9,879	51,243	21,797	12,400	23,281	6,202	8,590
Imports.....	129,793	33,342	76,035	70,885	73,536	110,035	103,469
Excess of: Imports.....	119,914		54,237	58,484	50,255	103,833	94,878
Exports.....		17,901					

1 Not available.

Source: Department of Commerce, Bureau of Census; annual report, *Foreign Commerce and Navigation of the United States*, and records.

No. 1007.—EXPORTS AND IMPORTS OF MERCHANDISE, GOLD, AND SILVER: 1791 to 1951

[In thousands of dollars. For basis of dollar values, see general note, p. 825. Figures are for fiscal years ending Sept. 30, 1791 to 1842, and June 30, 1843 to 1915; calendar years thereafter. For total exports and imports of merchandise by individual years prior to 1942, see table 1008. Merchandise figures include gold and silver prior to 1821. See also *Historical Statistics*, series M 42-55]

YEARLY AVERAGE OR YEAR	TOTAL MERCHANDISE, GOLD, AND SILVER			GOLD			SILVER		
	Exports	Imports	Excess of exports (+) or imports (-)	Exports	Imports	Excess of exports (+) or imports (-)	Ex- ports	Im- ports	Excess of exports (+) or imports (-)
1821-1830.....	76,575	79,863	-3,288	(1)	(1)	(1)	17,154	16,914	+239
1831-1840.....	109,234	130,268	-21,034	2,154	3,294	-1,240	3,590	7,353	-3,823
1841-1850 ¹	129,288	130,029	-741	3,222	5,463	-2,241	3,445	3,443	+2
1851-1860.....	298,889	292,226	+6,663	46,372	3,762	+42,610	3,130	3,988	-858
1861-1870.....	320,313	350,712	-30,399	53,633	13,956	+39,678	12,354	4,890	+7,464
1871-1880.....	650,322	565,793	+84,532	33,732	19,144	+14,588	27,293	11,428	+15,865
1881-1890.....	816,503	740,511	+75,992	24,457	33,245	-8,791	26,911	15,077	+11,834
1891-1900.....	1,137,586	845,452	+292,134	64,265	57,040	+7,225	48,451	25,085	+23,367
1901-1910.....	1,740,599	1,271,244	+469,356	69,540	76,218	-6,678	54,809	33,526	+21,284
1911-1915.....	2,515,144	1,837,027	+678,117	83,173	85,969	-2,796	61,432	38,739	+22,693
1915-1920 ²	6,897,886	3,804,593	+3,093,293	233,248	382,022	-148,773	143,447	64,217	+79,231
1921-1925.....	4,558,940	3,866,937	+692,003	82,739	347,425	-264,686	79,174	69,409	+9,765
1926-1930.....	5,077,974	4,348,894	+729,078	222,094	255,525	-33,434	78,566	59,598	+18,968
1931-1935.....	2,383,679	2,645,517	-261,838	339,539	819,256	-479,717	18,946	113,159	-94,213
1936-1940.....	3,246,449	5,227,667	-1,981,218	16,989	2,615,845	-2,598,856	9,879	129,798	-119,914
1941-1945.....	10,340,761	3,868,936	+6,471,825	238,443	321,514	-83,070	51,243	33,342	+17,901
1946-1950.....	12,122,155	7,840,971	+4,281,184	270,890	1,105,573	-834,683	21,797	76,035	-54,237
1944.....	15,344,846	4,066,075	+11,278,770	959,228	113,836	+845,392	126,915	23,373	+103,542
1945.....	10,006,530	4,080,134	+5,926,396	199,068	93,718	+106,250	90,937	27,278	+63,659
1946.....	9,996,243	5,532,593	+4,463,650	221,468	532,962	-311,494	36,455	57,578	-21,123
1947.....	14,673,636	7,904,062	+6,769,574	213,241	2,079,588	-1,866,348	30,649	68,140	-37,492
1948.....	12,966,229	9,175,937	+3,790,293	300,771	1,981,175	-1,680,404	12,400	70,885	-58,484
1949.....	12,159,325	7,467,316	+4,692,009	84,936	771,390	-686,455	23,281	73,538	-50,255
1950.....	10,815,340	9,124,945	+1,690,395	534,036	162,749	+371,287	6,202	110,035	-103,833
1951.....	15,659,380	11,146,277	+4,513,103	630,382	81,259	+549,123	8,590	103,469	-94,878

YEARLY AVERAGE OR YEAR	MERCHANDISE				
	Total ex- ports and imports	Exports			Excess of exports (+) or imports (-)
		Total	U. S. mer- chandise	Reex- ports	
1791-1800.....	105,959	46,774	27,740	19,034	-12,411
1801-1810.....	167,298	74,532	38,178	36,354	-18,234
1811-1820.....	139,801	58,989	46,270	12,719	-21,823
1821-1830.....	142,370	69,421	53,221	16,200	-3,528
1831-1840.....	223,070	109,550	88,168	15,382	-15,970
1841-1850 ¹	243,743	122,620	114,894	7,727	+1,498
1851-1860.....	553,362	248,887	232,253	16,604	-35,588
1861-1870.....	586,194	254,327	238,947	15,380	-77,541
1871-1880.....	1,124,523	589,301	574,859	14,412	+54,080
1881-1890.....	1,457,322	765,136	750,146	14,990	+72,949
1891-1900.....	1,788,198	1,024,870	1,006,183	18,687	+261,542
1901-1910.....	2,774,750	1,616,250	1,589,000	27,250	+457,750
1911-1915.....	4,082,858	2,370,539	2,331,648	38,891	+658,220
1915-1920 ²	9,879,545	6,521,190	6,416,513	104,677	+3,102,836
1921-1925.....	7,847,129	4,597,027	4,310,221	86,806	+946,924
1926-1930.....	8,810,782	4,777,514	4,687,788	89,526	+743,845
1931-1935.....	3,738,296	2,025,195	1,988,914	36,281	+312,093
1936-1940.....	5,701,611	3,219,581	3,166,518	53,063	+737,552
1941-1945.....	18,565,152	10,051,075	9,822,152	128,923	+6,556,995
1946-1950.....	18,488,890	11,829,407	11,672,634	156,834	+5,710,104
1944.....	18,187,568	14,258,702	14,161,544	97,158	+10,329,837
1945.....	13,964,763	9,805,625	9,584,634	220,941	+5,646,487
1946.....	14,680,734	9,739,321	9,500,184	238,137	+4,796,267
1947.....	20,186,080	14,420,747	14,256,285	177,462	+6,679,413
1948.....	19,776,935	12,653,058	12,532,003	120,995	+5,239,181
1949.....	18,673,498	12,051,108	11,936,125	114,984	+5,428,718
1950.....	19,127,263	10,275,102	10,142,452	132,620	+1,422,941
1951.....	25,981,959	15,020,409	14,867,559	152,849	+4,053,853

¹ Silver figures include gold, 1821-30; not available separately prior to 1825.

² Period Oct. 1, 1840, to June 30, 1850.

³ Period July 1, 1915, to Dec. 31, 1920

Source: Department of Commerce, Bureau of Census; annual report, *Foreign Commerce and Navigation of the United States*, and records.

No. 1008.—EXPORTS AND IMPORTS OF MERCHANDISE, WITH TRADE BALANCES: 1790 TO 1951

[In thousands of dollars. For basis of dollar values, see general note, p. 825. Fiscal years ending Sept. 30, 1790 to 1842, June 30 through 1915; calendar years thereafter. See also *Historical Statistics*, series M 51-55]

YEAR	Ex-ports	Im-ports	Excess of exports (+) or im-ports (-)	YEAR	Ex-ports	Im-ports	Excess of exports (+) or im-ports (-)	YEAR	Ex-ports	Im-ports	Excess of exports (+) or im-ports (-)
1790	20,205	23,000	-2,795	1845	106,040	113,184	-7,144	1900	1,394,483	849,941	+544,542
1791	19,012	20,200	-10,188	1846	109,583	117,914	-8,331	1901	1,487,765	823,172	+664,592
1792	20,753	31,500	-10,747	1847	156,742	122,424	+34,318	1902	1,381,719	903,321	+478,398
1793	26,110	31,100	-4,990	1848	138,191	148,639	-10,448	1903	1,420,142	1,025,719	+394,423
1794	33,044	34,600	-1,556	1849	140,351	141,206	-855	1904	1,460,827	991,087	+469,740
1795	47,990	69,756	-21,766	1850	144,376	173,510	-29,134	1905	1,518,562	1,117,513	+401,049
1796	58,575	81,436	-22,861	1851	188,915	210,771	-21,856	1906	1,743,865	1,226,562	+517,303
1797	51,295	75,379	-24,084	1852	166,984	207,440	-40,456	1907	1,880,851	1,434,421	+446,430
1798	61,327	68,552	-7,225	1853	203,489	263,777	-60,288	1908	1,860,773	1,194,342	+666,431
1799	78,666	70,069	+8,597	1854	237,044	297,804	-60,760	1909	1,663,011	1,311,920	+351,091
1800	70,972	91,253	-20,281	1855	218,910	257,809	-38,899	1910	1,744,985	1,556,947	+188,038
1801	93,021	111,364	-18,343	1856	281,219	310,432	-29,213	1911	2,049,320	1,527,226	+522,094
1802	71,957	76,333	-4,376	1857	293,824	348,428	-54,604	1912	2,204,322	1,653,265	+551,057
1803	55,800	64,667	-8,867	1858	272,011	263,339	+8,672	1913	2,465,884	1,813,008	+652,876
1804	77,699	85,000	-7,301	1859	292,902	331,333	-38,431	1914	2,364,579	1,893,926	+470,653
1805	95,566	120,600	-25,034	1860	333,576	353,616	-20,040	1915	2,768,589	1,674,170	+1,094,419
1806	101,537	129,410	-27,873	1861	219,554	289,311	-69,757	1915 (6 mos.)	1,852,863	912,787	+940,076
1807	108,343	138,500	-30,157	1862	190,671	189,357	+1,314	1916	5,482,641	2,391,635	+3,091,006
1808	22,431	56,990	-34,559	1863	203,964	243,336	-39,372	1917	6,233,513	2,952,468	+3,281,045
1809	52,203	59,400	-7,197	1864	158,838	316,447	-157,609	1918	6,149,088	3,031,213	+3,117,875
1810	66,768	85,400	-18,642	1865	166,029	238,746	-72,717	1919	7,920,426	3,904,365	+4,016,061
1811	61,317	53,400	+7,917	1866	348,860	434,812	-85,952	1920	8,228,016	5,278,481	+2,949,535
1812	38,527	77,030	-38,503	1867	294,506	395,761	-101,255	1921	4,485,031	2,509,148	+1,975,883
1813	27,856	22,005	+5,851	1868	281,953	357,436	-75,483	1922	3,831,777	3,112,747	+719,030
1814	6,927	12,965	-6,038	1869	286,118	417,506	-131,388	1923	4,167,493	3,792,066	+375,427
1815	52,558	113,041	-60,482	1870	392,772	435,958	-43,186	1924	4,590,984	3,609,963	+981,021
1816	81,920	147,103	-65,183	1871	442,820	520,224	-77,404	1925	4,909,848	4,226,589	+683,258
1817	87,672	99,250	-11,578	1872	444,178	626,595	-182,417	1926	4,808,660	4,430,888	+377,772
1818	93,281	121,750	-28,469	1873	522,480	642,136	-119,656	1927	4,865,375	4,184,742	+680,633
1819	70,143	87,125	-16,982	1874	586,283	567,406	+18,877	1928	5,128,356	4,091,444	+1,036,912
1820	69,692	74,450	-4,758	1875	513,443	533,005	-19,562	1929	5,240,995	4,399,361	+841,634
1821	54,496	54,521	-25	1876	540,385	460,741	+79,644	1930	3,843,181	3,060,908	+782,273
1822	61,350	79,872	-18,522	1877	602,475	451,323	+151,152	1931	2,424,289	2,090,635	+333,654
1823	68,326	72,481	-4,155	1878	694,866	437,052	+257,814	1932	1,611,016	1,322,774	+288,242
1824	68,972	72,169	-3,197	1879	710,439	445,778	+264,661	1933	1,674,994	1,449,559	+225,435
1825	90,738	90,189	+549	1880	835,639	667,955	+167,684	1934	2,132,800	1,655,055	+477,745
1826	72,891	78,094	-5,203	1881	902,377	642,665	+259,712	1935	2,282,874	2,047,485	+235,389
1827	74,310	71,333	+2,977	1882	750,542	724,640	+25,902	1936	2,455,978	2,422,592	+33,386
1828	64,021	81,020	-16,999	1883	823,839	723,181	+100,658	1937	3,349,167	3,083,668	+265,499
1829	67,435	67,089	+346	1884	740,514	667,698	+72,816	1938	3,094,440	1,960,428	+1,134,012
1830	71,671	62,721	+8,950	1885	742,190	577,527	+164,663	1939	3,177,176	2,318,081	+859,095
1831	72,296	95,885	-23,589	1886	679,525	635,436	+44,089	1940	4,021,146	2,625,379	+1,395,767
1832	81,521	95,122	-13,601	1887	716,183	692,320	+23,863	1941	5,147,154	3,345,005	+1,802,149
1833	87,529	101,048	-13,519	1888	695,955	723,957	-28,002	1942	8,078,988	2,755,893	+5,323,095
1834	102,260	108,610	-6,350	1889	742,401	745,132	-2,731	1943	12,964,906	3,381,498	+9,583,408
1835	115,216	136,764	-21,548	1890	857,829	789,310	+68,519	1944	14,258,702	3,928,866	+10,329,837
1836	124,339	176,579	-52,240	1891	884,481	844,916	+39,565	1945	9,805,625	4,159,138	+5,646,487
1837	111,443	130,473	-19,030	1892	1,030,278	827,402	+202,876	1946	9,738,321	4,942,054	+4,796,267
1838	104,979	95,970	+9,009	1893	847,665	866,401	-18,736	1947	14,429,747	5,756,333	+8,673,413
1839	112,252	156,497	-44,245	1894	892,141	654,995	+237,146	1948	12,653,058	7,123,877	+5,529,181
1840	123,669	98,259	+25,410	1895	807,638	731,970	+75,668	1949	12,051,108	6,622,390	+5,428,718
1841	111,817	122,958	-11,141	1896	882,607	779,255	+103,352	1950	10,275,102	8,852,161	+1,422,941
1842	99,878	96,075	+3,803	1897	1,050,994	764,730	+286,264	1951	15,020,409	10,961,550	+4,058,858
1843	82,826	42,433	+40,393	1898	1,231,482	616,050	+615,432				
1844	105,746	102,605	+3,141	1899	1,227,023	697,148	+529,875				

¹ Includes gold and silver prior to 1821.

² Period beginning Oct. 1, 1842, and ending June 30, 1843.

Source: Department of Commerce, Bureau of Census; annual report, *Foreign Commerce and Navigation of the United States*, and records.

No. 1009.—EXPORTS AND IMPORTS OF MERCHANDISE, PER CAPITA: 1791 TO 1951

[Export figures for 1791 to 1820 are based on total exports including reexports (the latter were then relatively large) and for 1821 to date, on exports of United States merchandise only. Import figures for 1791 to 1820 are based on general imports; for 1821 to 1870, total imports less reexports; and for 1871 to date, imports for consumption. (See tables 1007 and 1029)]

YEARLY AVERAGE	Exports	Imports	YEARLY AVERAGE OR YEAR	Exports	Imports	YEAR	Exports	Imports	YEAR	Exports	Imports
	Dollars	Dollars		Dollars	Dollars		Dollars	Dollars		Dollars	Dollars
1791-1800	10.08	12.75	1926-1930	38.50	33.02	1922	33.75	27.55	1937	25.16	22.96
1801-1810	11.82	14.71	1931-1935	15.55	13.33	1923	36.11	32.95	1938	23.14	14.75
1811-1820	6.96	9.53	1936-1940	23.95	18.45	1924	39.12	31.10	1939	23.44	17.08
1821-1830	4.71	5.02	1941-1945 ¹	71.18	24.93	1925	41.30	35.80	1940 ¹	29.25	18.89
1831-1840	5.85	6.91	1946-1950 ¹	78.15	44.08	1926	39.81	37.24	1941 ¹	36.95	23.72
1841-1850	5.67	5.60	1912	22.65	17.13	1927	39.63	34.67	1942 ¹	58.23	20.23
1851-1860	8.48	9.78	1913	24.97	18.17	1928	41.81	33.49	1943 ¹	62.09	24.51
1861-1870	6.73	8.94	1914	23.61	19.32	1929	41.77	35.14	1944 ¹	100.19	27.50
1871-1880	12.86	11.87	1915	27.13	16.46	1930	30.24	24.90	1945 ¹	67.08	23.08
1881-1890	13.31	12.12	1916	53.01	23.06	1931	18.86	16.57	1946 ¹	65.92	33.48
1891-1900	14.41	10.81	1917	59.48	28.14	1932	12.42	10.44	1947 ¹	97.02	38.57
1901-1910	18.54	13.29	1918	57.51	28.06	1933	12.90	11.22	1948 ¹	83.88	47.47
1911-1915	23.98	17.46	1919	72.69	35.90	1934	16.34	12.73	1949 ¹	78.56	43.38
1915-1920 ²	61.20	31.37	1920	74.70	47.16	1935	17.33	15.75	1950 ¹	65.66	56.60
1921-1925	38.05	30.22	1921	39.86	23.27	1936	18.57	18.61	1951 ¹	94.61	68.81

¹ Based on estimated population including armed forces overseas.

² Period July 1, 1915, to Dec. 31, 1920.

Source: Department of Commerce, Bureau of Census; annual report, *Foreign Commerce and Navigation of the United States*, and records.

No. 1010.—MERCHANDISE TRADE OF CONTINENTAL UNITED STATES WITH FOREIGN COUNTRIES AND OUTLYING TERRITORIES AND POSSESSIONS: 1903 TO 1949

IMPORTANT NOTE.—This table differs as to its geographic basis from all other foreign trade tables in this section and in other publications: (1) In the case of other tables the data represent the trade of the United States customs area with all foreign countries, including the Philippine Islands and prior to 1935, the Virgin Islands. The U. S. customs area comprises continental U. S., Alaska, Hawaii, Puerto Rico, and during 1935 through 1939, the Virgin Islands. Trade between continental U. S. and the territories mentioned as part of the customs area are therefore excluded from these data. (2) The present table takes continental United States as the basis. In the totals, trade between it and all United States Territories and possessions is included, while the trade between that part of the customs area outside of continental United States and foreign countries is excluded. Practically all other nations calculate their foreign trade in the manner followed in the present table; that is, totaling the trade of the home country with foreign countries and with all outlying areas. Prior to 1901 Alaska was our only outlying area. Therefore, our foreign trade statistics for 1900 and earlier years very nearly represent the trade of continental United States with foreign countries. Data are for years ending June 30 through 1918; thereafter, for years ending Dec. 31. For purposes of continuity of the data in this table, trade with the Republic of the Philippines has been treated as trade with a Territory through calendar year 1946, even though Philippine independence was established in July 1946.

[In thousands of dollars]

YEARLY AVERAGE OR YEAR	EXPORTS ¹			IMPORTS		
	Total	To foreign countries	To U. S. Territories and possessions	Total	From foreign countries	From U. S. Territories and possessions
1903-1905	1,495,616	1,456,132	39,484	1,090,764	1,026,341	64,423
1906-1910	1,829,286	1,761,625	67,661	1,410,329	1,324,594	85,734
1911-1915	2,441,254	2,337,591	103,664	1,811,234	1,681,207	130,027
1916-1920 ²	6,656,126	6,452,539	203,587	3,596,084	3,274,496	321,588
1921-1925	4,552,455	4,335,341	217,114	3,650,280	3,351,378	298,902
1926-1930	4,961,994	4,694,505	267,488	4,270,498	3,896,506	373,992
1931-1935	2,172,765	1,973,634	199,131	1,913,075	1,610,686	302,389
1936-1940	3,456,009	3,130,930	325,080	2,725,584	2,365,490	360,095
1941-1945	10,300,012	³ 9,883,005	417,008	3,772,284	3,464,722	307,562
1946	4,302,018	3,925,653	376,365	2,838,221	2,521,685	316,536
1941	5,552,733	5,025,692	527,040	3,621,609	3,227,938	393,671
1942	8,402,718	8,076,572	326,147	3,000,852	2,734,456	266,396
1943	13,082,053	² 12,733,437	348,616	3,634,371	3,355,075	279,296
1944	14,358,040	³ 13,985,680	372,360	4,188,024	3,900,173	287,851
1945	10,104,153	³ 9,593,642	510,512	4,416,313	4,105,969	310,344
1946	10,311,117	9,430,231	880,886	5,280,304	4,868,092	412,212
1947	15,206,520	14,411,512	795,007	6,272,122	5,724,969	547,153
1948	⁴ 12,094,166	12,637,619	⁴ 356,547	⁴ 7,279,682	7,084,110	⁴ 195,572
1949	12,367,289	12,036,296	⁴ 330,993	⁴ 6,798,731	6,580,406	⁴ 218,325

¹ Including reexports of foreign merchandise.

² Period July 1, 1915, to Dec. 31, 1920.

³ Excludes certain aircraft originating in continental U. S. cleared for foreign country through Alaska, valued as follows: 1943, \$214,415,000; 1944, \$270,639,000; 1945, \$165,070,000.

⁴ Excludes Alaska and Hawaii; data no longer available.

Source: Department of Commerce, Bureau of Census; annual report, *Foreign Commerce and Navigation of the United States*, and records.

FOREIGN COMMERCE

No. 1011.—EXPORTS (INCLUDING REEXPORTS) AND GENERAL IMPORTS OF MERCHANDISE, BY MONTHS: 1946 TO 1951

[In millions of dollars]

MONTH	1946		1947		1948		1949		1950		1951	
	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports
January	798.3	393.9	1,113.7	533.0	1,091.6	546.6	1,105.1	589.7	740.9	623.4	974.0	1,023.6
February	669.8	323.6	1,146.0	437.8	1,084.6	589.0	1,043.4	566.6	764.3	600.2	1,075.8	909.7
March	816.2	388.0	1,326.4	444.5	1,138.6	674.6	1,189.2	632.6	860.2	664.9	1,285.2	1,099.9
April	756.7	408.3	1,294.3	515.1	1,121.3	531.6	1,172.9	534.5	803.5	585.0	1,370.3	1,032.6
May	850.8	394.5	1,413.5	475.0	1,102.5	553.5	1,095.0	540.6	829.5	659.1	1,354.3	1,017.7
June	877.7	383.8	1,234.9	464.1	1,014.0	624.8	1,107.7	526.0	876.9	686.7	1,294.3	929.8
July	825.4	434.8	1,154.7	451.8	1,019.2	563.6	900.4	456.5	778.6	708.9	1,189.9	894.6
August	883.3	431.0	1,145.0	405.8	991.9	605.5	884.8	490.7	761.6	820.4	1,267.4	880.4
September	642.6	377.5	1,111.7	475.2	925.6	560.2	910.0	530.4	911.0	858.9	1,231.7	721.1
October	536.5	393.7	1,234.7	493.1	1,023.1	600.2	855.7	557.0	906.3	922.6	1,154.6	833.4
November	985.4	480.4	1,141.2	455.6	823.2	554.3	841.9	592.9	977.0	855.1	1,387.9	818.1
December	1,095.6	532.6	1,113.6	605.4	1,317.5	720.0	945.0	604.8	1,065.3	867.0	1,435.0	800.6

No. 1012.—EXPORTS AND IMPORTS OF GOLD, BY MONTHS: 1946 TO 1951

[In thousands of dollars]

MONTH	1946		1947		1948		1949		1950		1951	
	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports
January	116	154,186	102,593	85,774	6,590	241,568	6,399	72,612	7,223	46,201	107,834	2,240
February	467	82,906	49,215	69,577	2,560	161,048	4,499	25,978	4,119	4,350	110,136	2,257
March	361	31,757	17,691	171,325	27,385	127,328	5,108	24,879	4,338	2,706	125,704	2,242
April	28,423	7,889	17,458	61,508	28,178	262,334	12,020	25,615	2,130	55,419	112,842	2,245
May	28,707	1,679	3,028	132,762	61,887	213,214	1,612	11,142	1,553	14,628	43,357	2,398
June	748	37,077	2,685	202,917	44,782	222,523	5,483	12,389	2,246	12,274	41,422	3,840
July	2,529	8,877	3,639	222,839	2,486	269,178	6,890	137,986	4,069	2,556	28,374	12,165
August	10,816	26,027	5,118	116,776	47,353	86,431	11,563	268,936	46,368	4,146	19,183	15,533
September	31,846	24,217	2,085	111,685	25,993	79,283	15,857	114,002	108,448	11,998	3,462	14,341
October	806	24,989	5,619	456,450	8,337	129,908	2,397	58,527	95,967	2,519	26,326	7,896
November	733	78,636	1,600	267,301	21,097	75,321	2,998	10,629	161,750	3,117	9,366	7,302
December	115,915	54,722	2,509	180,674	24,123	112,141	10,110	8,697	95,825	2,833	2,375	8,800

No. 1013.—EXPORTS AND IMPORTS OF SILVER, BY MONTHS: 1946 TO 1951

[In thousands of dollars]

MONTH	1946		1947		1948		1949		1950		1951	
	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports
January	20,937	2,490	2,945	13,295	1,636	7,222	581	2,116	47	8,065	3,623	10,999
February	4,794	3,679	12,700	4,589	220	6,196	261	3,278	30	4,355	282	8,101
March	888	1,602	3,523	5,332	229	5,331	214	6,444	110	6,317	1,932	17,486
April	119	2,918	1,865	7,220	5,763	5,560	4,783	2,825	62	3,412	332	10,016
May	268	930	1,387	4,488	2,564	9,146	514	12,190	70	8,253	273	7,015
June	322	1,187	1,685	4,408	42	5,747	1,818	10,237	1,219	6,126	182	16,828
July	106	7,089	1,636	3,410	278	4,352	11,910	6,824	375	10,408	665	4,686
August	273	8,283	630	4,659	13	4,781	2,090	6,056	425	8,904	194	6,616
September	1,147	5,557	374	4,440	52	5,758	160	5,628	334	17,371	678	4,807
October	166	4,385	2,509	6,087	61	6,910	86	7,508	335	12,350	250	6,975
November	858	11,595	1,042	6,917	123	4,973	184	6,370	947	13,870	88	6,284
December	6,579	7,861	352	3,296	1,419	4,908	680	4,060	2,246	10,602	89	3,656

Source of tables 1011, 1012, and 1013: Department of Commerce, Bureau of Census; annual report, *Foreign Commerce and Navigation of the United States*, and records.

No. 1014.—GOLD UNDER EARMARK FOR FOREIGN ACCOUNT IN THE UNITED STATES: 1944 to 1951

[All figures in thousands of dollars at rate of \$35 a fine ounce. Gold under earmark is gold held by Federal Reserve banks in custody for foreign central banks and governments. Minus sign (—) denotes decrease. See also *Historical Statistics*, series N 170-171]

MONTH	AMOUNT UNDER EARMARK AT END OF MONTH ¹							
	1944	1945	1946	1947	1948	1949	1950	1951
January.....	3,505,003	3,995,330	4,306,354	3,632,326	3,633,286	3,780,349	4,366,500	5,874,260
February.....	3,493,517	4,032,722	4,312,125	4,316,800	3,705,452	3,802,549	4,416,911	6,058,617
March.....	3,542,235	4,079,646	4,292,396	4,113,280	3,768,827	3,819,274	4,512,343	6,169,856
April.....	3,612,777	4,132,836	4,277,306	3,841,270	3,880,374	3,837,015	4,571,518	6,067,942
May.....	3,705,887	4,199,693	4,249,845	3,828,213	3,883,215	3,799,240	4,601,391	6,080,889
June.....	3,712,283	4,103,697	4,234,834	3,709,254	3,801,544	3,677,608	4,619,018	6,034,619
July.....	3,808,910	4,204,041	4,226,838	3,682,509	3,989,955	3,697,544	4,708,987	6,043,400
August.....	3,806,221	4,267,004	4,166,716	3,640,192	3,930,480	3,906,084	5,140,365	5,906,433
September.....	3,833,599	4,286,013	4,154,410	3,487,080	3,832,342	4,060,883	5,206,254	5,729,779
October.....	3,856,246	4,251,366	4,038,721	3,491,049	3,831,373	4,150,000	5,352,474	5,486,398
November.....	3,890,915	4,289,567	3,911,236	3,373,835	3,731,714	4,213,939	5,387,786	5,298,028
December.....	3,937,170	4,293,825	3,828,406	3,618,427	3,777,659	4,273,338	5,626,720	5,008,167
Increase during year of gold under earmark.....	459,762	356,655	-465,419	-209,979	159,232	495,679	1,352,382	-617,553

¹ On certain occasions during this period, figures include gold earmarked in the names of domestic banks as security for foreign loans; beginning August 1946 they include gold held for the account of international institutions.

Source: Board of Governors of the Federal Reserve System; *Banking and Monetary Statistics* through 1941 *Federal Reserve Bulletin* thereafter.

No. 1015.—EXPORTS AND IMPORTS OF MERCHANDISE, BY ECONOMIC CLASSES—PERCENT DISTRIBUTION: 1820 to 1951

[Percentages based on figures shown in table 1016]

YEAR OR YEARLY AVERAGE	PERCENT OF TOTAL EXPORTS OF UNITED STATES MERCHANDISE					PERCENT OF TOTAL IMPORTS ²				
	Crude materials	Crude food-stuffs	Manufactured food-stuffs ¹	Semi-manufactures	Finished manufactures	Crude materials	Crude food-stuffs	Manufactured food-stuffs ¹	Semi-manufactures	Finished manufactures
1820.....	60.62	4.79	19.51	9.42	5.66	3 4.66	3 11.15	3 19.85	3 7.48	3 56.86
1830.....	62.65	4.65	16.32	7.04	9.34	7 6.5	11 7.7	15 39	8 22	50 97
1840.....	67.83	4.09	14.27	4.34	9.47	12 36	15 54	16 46	11 56	45 09
1850.....	62.36	5.59	14.84	4.49	12.72	7 24	10 38	12 37	15 08	54 03
1851-1860.....	61.67	6.61	15.39	4.01	12.32	9 63	11 70	15 43	12 50	50 74
1861-1870.....	38.80	15.59	24.09	5.19	16.34	12 63	13 64	18 98	13 77	40 98
1871-1880.....	38.59	19.70	21.99	4.61	15.10	17 24	16 98	20 72	13 05	33 01
1881-1890.....	35.96	17.99	25.26	5.15	15.65	21 36	15 35	17 77	14 78	30 74
1891-1900.....	29.89	18.06	25.62	7.98	18.45	26 45	16 92	16 96	13 87	25 80
1901-1910.....	30.98	10.55	20.14	12.77	25.57	34 07	11 80	12 04	17 32	24 77
1911-1915.....	30.74	8.83	14.32	15.41	30.70	34 91	12 80	12 56	17 37	22 36
1915-1920 ⁴	18.22	9.16	17.06	15.39	39.68	40 13	12 15	16 21	17 10	14 40
1921-1925.....	27.64	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	52.36	33 08	13 10	14 16	20 94	18 72
1941-1945.....	6.78	1.67	11.64	9.39	71.64	33 01	16 36	11 51	21 15	17 97
1946-1950.....	13.96	8.33	9.95	11.10	56.66	30 26	18 79	10 72	22 34	17 89
1942.....	5.22	.84	11.55	11.47	70.89	38 15	12 54	9 87	23 00	16 44
1943.....	5.15	.84	12.08	8.48	73.45	30 60	17 23	12 42	19 98	19 76
1944.....	3.91	.94	11.52	7.74	75.87	27 73	21 64	13 40	18 17	19 05
1945.....	9.08	4.51	13.00	8.13	65.28	28 87	16 92	11 26	22 65	20 30
1946.....	14.90	6.82	16.02	9.42	52.33	35 84	16 88	10 44	19 29	17 55
1947.....	11.08	5.96	10.41	12.17	60.39	31 17	17 94	11 57	21 97	17 34
1948.....	11.88	10.10	10.48	10.94	56.60	30 27	17 93	10 31	23 03	18 46
1949.....	14.91	11.24	7.42	11.36	55.07	28 12	20 22	11 24	21 51	18 90
1950.....	18.60	7.49	5.94	11.05	56.92	28 20	20 01	10 28	24 31	17 20
1951.....	16.62	9.42	5.66	11.19	57.12	31 11	19 08	9 44	22 71	17 66

¹ Includes beverages.

² "General imports" through 1932, "imports for consumption" thereafter.

³ Data are for 1821.

⁴ Period July 1, 1915, to Dec. 31, 1920.

Source: Department of Commerce, Bureau of Census; annual report, *Foreign Commerce and Navigation of the United States*, and records.

No. 1016.—EXPORTS OF U. S. MERCHANDISE, AND IMPORTS, BY ECONOMIC CLASSES: 1820 TO 1951

[In thousands of dollars. For basis of dollar values, see general note, p. 825. Figures cover fiscal years ending Sept. 30, 1820 to 1840, and June 30, 1850 to 1915; calendar years thereafter, except as noted. For articles covered by each class, see *Foreign Commerce and Navigation of the United States*. See also *Historical Statistics*, series M 56-67.]

YEARLY AVERAGE OR YEAR	Total	Crude materials	Crude foodstuffs	Manufactured foodstuffs ¹	Semi-manufactures	Finished manufactures
EXPORTS OF UNITED STATES MERCHANDISE						
1820 ²	51,684	31,332	2,475	10,085	4,867	2,925
1830.....	58,525	36,665	2,724	9,557	4,118	5,462
1840.....	111,661	75,735	4,565	15,936	4,841	10,584
1850.....	134,900	84,124	7,536	20,017	6,061	17,162
1851-1860.....	232,149	143,156	15,337	35,734	9,317	28,605
1861-1870.....	238,947	105,643	32,764	50,446	12,047	38,048
1871-1880.....	574,889	216,219	117,030	128,599	26,428	86,614
1881-1890.....	750,146	269,174	135,711	189,489	38,534	117,239
1891-1900.....	1,006,183	295,876	182,812	255,670	82,422	189,404
1901-1910.....	1,589,000	493,391	164,900	316,800	205,170	408,740
1911-1915.....	2,331,648	716,637	205,939	333,971	359,239	715,861
1915-1920 ³	6,416,513	1,108,995	587,888	1,133,226	987,185	2,539,520
1921-1925.....	4,310,221	1,187,056	420,002	600,710	536,793	1,565,660
1926-1930.....	4,687,788	1,143,762	299,794	455,814	662,688	2,125,730
1931-1935.....	1,988,914	601,344	76,528	175,686	288,622	846,734
1936-1940.....	3,166,518	603,209	119,282	174,998	610,984	1,658,045
1941-1945.....	9,922,152	573,224	165,291	1,154,445	931,461	7,097,731
1946-1950.....	11,672,634	1,629,723	972,872	1,161,471	1,295,386	6,613,182
1943.....	12,841,542	661,782	109,067	1,550,738	1,089,400	9,430,557
1944.....	14,161,544	553,982	133,826	1,632,605	1,096,674	10,744,477
1945.....	9,584,684	870,623	432,147	1,245,727	779,515	6,256,672
1946.....	9,500,184	1,415,808	648,103	1,522,400	895,125	5,018,748
1947.....	14,252,285	1,578,541	848,887	1,483,157	1,734,329	8,607,371
1948.....	12,532,093	1,488,449	1,265,820	1,313,704	1,370,605	7,093,514
1949.....	11,936,157	1,779,777	1,341,795	885,682	1,355,835	6,573,036
1950.....	10,142,482	1,886,042	759,753	602,412	1,121,037	4,577,238
1951.....	14,867,559	2,471,164	1,401,216	840,355	1,663,170	8,491,655
IMPORTS ⁵						
1821.....	54,521	2,540	6,081	10,821	4,079	30,999
1830.....	62,721	4,797	7,382	9,654	5,152	35,735
1840.....	98,259	12,140	15,274	15,189	11,356	44,300
1850.....	173,510	12,556	18,012	21,466	26,163	95,313
1851-1860.....	284,475	27,394	33,286	43,904	35,559	144,332
1861-1870.....	331,867	41,939	45,261	62,997	45,688	135,982
1871-1880.....	535,222	92,268	55,532	110,913	69,839	170,671
1881-1890.....	692,187	147,852	106,253	122,978	102,335	212,769
1891-1900.....	763,328	201,870	120,177	129,425	105,919	196,938
1901-1910.....	1,158,500	394,659	136,675	139,438	200,693	287,036
1911-1915.....	1,712,319	597,701	219,035	215,144	297,476	382,963
1915-1920 ³	3,358,354	1,347,667	408,152	544,549	574,421	483,566
1921-1925.....	3,450,103	1,290,375	382,539	448,089	609,225	719,875
1926-1930.....	4,033,469	1,484,123	506,616	398,310	762,034	882,385
1931-1935.....	1,704,267	492,638	265,985	233,963	319,123	392,558
1936-1940.....	2,440,042	807,255	319,603	345,523	510,950	456,731
1941-1945.....	3,475,593	1,147,159	568,713	400,069	735,153	624,499
1946-1950.....	6,583,595	1,992,288	1,237,045	706,002	1,470,589	1,177,671
1943.....	3,390,101	1,037,386	584,227	421,157	677,505	669,826
1944.....	3,887,490	1,078,173	841,348	520,979	706,235	740,755
1945.....	4,098,101	1,183,081	693,235	461,644	928,291	831,850
1946.....	4,824,902	1,729,074	814,403	503,946	930,600	846,879
1947.....	5,666,321	1,766,160	1,016,775	655,698	1,244,908	982,781
1948.....	7,092,032	2,147,007	1,271,611	731,173	1,633,140	1,309,101
1949.....	6,591,640	1,853,712	1,332,880	740,770	1,418,388	1,245,890
1950.....	8,743,082	2,465,489	1,749,556	898,423	2,125,910	1,503,704
1951.....	10,812,961	3,364,211	2,063,048	1,021,184	2,455,248	1,909,270

¹ Includes beverages.

² Corrected figures. These figures have been erroneously identified as for 1821 in earlier issues of *Statistical Abstract* and in source publications.

³ Period July 1, 1915, to Dec. 31, 1920.

⁴ Small amount of semi-manufactures included with finished manufactures under security regulations in effect July 1950 through December 1951.

⁵ "General imports" through 1932, "imports for consumption" thereafter.

Source: Department of Commerce, Bureau of Census; annual report, *Foreign Commerce and Navigation of the United States*, and records.

No. 1017.—EXPORTS OF U. S. MERCHANDISE AND IMPORTS—INDEXES OF CHANGES IN QUANTITY, UNIT VALUE (PRICE), AND TOTAL VALUE: 1913 TO 1951

[Quantity and unit value indexes have been constructed by so-called "ideal formula," essential feature of which is use of quantities of several articles as weighting factors of their unit values for each pair of years compared. About 265 commodities were included in direct calculations for both exports and imports. It was then assumed that prices of articles in each economic class not directly covered had moved in parallel with those of articles covered and their value, adjusted by computed price index, was included in aggregative totals from which quantity index for each class was calculated. Index of quantity and unit value of total exports and imports was based on aggregate of adjusted totals of classes. In constructing indexes, data for 1919 were linked directly to 1913, and each subsequent year was compared with that preceding. Resulting year-to-year percentages were made into a series by chain method]

[1923-25 average=100]

YEARLY AVERAGE OR YEAR	Quan- tity	Unit value	Value	Quan- tity	Unit value	Value	Quan- tity	Unit value	Value	Quan- tity	Unit value	Value
EXPORTS OF UNITED STATES MERCHANDISE												
	Total			Crude materials			Crude foodstuffs			Manufactured food- stuffs ¹		
1913.....	84	65	55	123	47	59	81	65	53	73	76	56
1921-1925.....	97	99	96	99	91	90	134	97	130	105	97	104
1926-1930.....	122	86	105	123	70	87	101	92	93	81	97	79
1931-1935.....	76	59	45	105	43	46	46	52	24	43	62	30
1936-1940.....	106	67	71	90	50	45	69	54	37	48	70	30
1941-1945.....	229	97	222	63	69	43	59	86	51	182	110	200
1946-1950.....	213	123	261	119	104	123	236	128	301	144	139	201
1944.....	283	112	317	55	75	42	41	101	41	219	128	283
1945.....	192	112	215	87	76	66	122	110	134	170	126	216
1946.....	201	106	213	125	86	107	167	121	201	201	130	264
1947.....	252	126	319	119	100	120	190	139	263	159	161	257
1948.....	208	134	280	90	114	113	274	143	392	139	164	228
1949.....	214	125	267	124	108	135	329	126	416	118	131	154
1950.....	188	121	227	127	112	143	217	² 109	235	94	² 111	104
1951.....	241	138	333	141	133	187	359	121	434	105	139	146
EXPORTS OF U. S. MERCHANDISE—continued												
	Semimanufactures			Finished manufac- tures			Total			Crude materials		
1913.....	91	72	65	65	73	48	66	70	46	58	72	42
1921-1925.....	88	100	88	90	107	96	94	94	89	97	90	88
1926-1930.....	114	95	108	143	91	130	116	90	104	116	87	101
1931-1935.....	72	65	47	81	64	52	92	48	45	92	36	33
1936-1940.....	127	80	101	148	68	101	113	56	64	107	51	55
1941-1945.....	153	100	152	424	102	434	117	77	91	110	71	78
1946-1950.....	157	135	212	336	120	404	141	122	172	142	95	135
1944.....	171	105	179	545	121	657	120	85	102	95	77	73
1945.....	124	103	128	318	120	382	122	87	107	100	80	80
1946.....	137	107	146	293	105	307	130	97	126	145	81	117
1947.....	206	138	283	428	123	526	124	119	148	134	90	120
1948.....	150	149	224	334	130	433	141	132	185	144	101	146
1949.....	157	141	222	325	124	402	138	125	172	130	97	126
1950.....	133	138	183	292	121	353	168	136	228	167	106	167
1951.....	160	170	272	386	134	519	165	171	282	147	155	228
IMPORTS—continued												
	Crude foodstuffs			Manufactured food- stuffs ¹			Semimanufactures			Finished manufac- tures		
1913.....	67	77	52	74	54	40	64	75	48	84	64	54
1921-1925.....	98	91	89	96	94	91	87	98	86	93	100	93
1926-1930.....	109	109	118	119	68	80	112	96	107	123	93	114
1931-1935.....	110	56	62	112	44	49	73	62	45	89	58	51
1936-1940.....	133	56	75	149	49	73	101	72	72	102	59	60
1941-1945.....	152	88	133	127	67	85	115	90	104	98	84	82
1946-1950.....	148	196	290	146	103	150	154	135	208	112	138	155
1944.....	197	100	197	154	72	111	106	95	100	105	93	97
1945.....	157	103	162	129	76	98	137	96	131	113	96	109
1946.....	147	130	191	123	87	107	123	107	132	100	111	111
1947.....	130	183	238	130	107	139	130	136	176	93	139	129
1948.....	147	202	298	142	109	155	149	155	231	114	151	172
1949.....	160	195	312	150	104	137	143	141	201	112	146	164
1950.....	153	268	410	182	105	191	219	138	301	139	143	198
1951.....	160	302	484	190	114	217	200	174	348	150	168	251

¹ Includes beverages.

² Decline from 1949 due in part to low prices on exports from government-owned surplus and on exports subsidized by Department of Agriculture payments.

³ Based on "general imports" through 1933; on "imports for consumption" thereafter.

Source: Department of Commerce, Office of International Trade.

No. 1018.—EXPORTS OF UNITED STATES MERCHANDISE, BY COMMODITY GROUPS: 1936 TO 1951

[In thousands of dollars. See general note, p. 825]

COMMODITY	1936- 1940, average	1941- 1945, average	1946- 1950, average	1948	1949	1950	1951
Total exports of domestic merchandise.....	3,166,518	9,922,152	11,672,634	12,532,093	11,936,125	10,142,482	14,867,559
Group 00.—Animals and animal products, edible, total.....	67,355	898,205	517,628	413,166	380,884	235,506	384,621
Animals, edible.....	492	1,965	4,886	3,832	3,511	3,818	5,753
Meat products.....	26,409	379,553	124,405	56,753	51,454	43,107	60,032
Animal oils and fats, edible ¹	17,141	106,747	83,693	72,062	92,906	63,759	134,711
Dairy products.....	7,879	181,987	201,294	210,004	174,157	86,646	120,852
Fish.....	14,097	31,086	31,568	21,020	29,195	18,856	27,073
Other edible animal products.....	1,337	196,865	71,793	49,505	29,661	19,319	36,200
Group 0.—Animals and animal products, inedible, total.....	46,398	67,244	154,798	128,192	157,671	138,973	180,526
Hides and skins, raw, except furs.....	4,509	1,124	15,726	11,582	21,035	11,610	12,745
Leather.....	14,418	20,497	25,270	20,462	28,286	20,003	19,061
Leather manufactures.....	8,372	27,270	37,635	39,140	28,348	18,962	21,815
Furs and manufactures.....	14,763	10,976	35,605	30,586	25,902	24,459	32,375
Animal oils and greases, inedible.....	1,346	3,489	27,794	18,763	45,745	55,485	85,943
Other inedible animals and animal products.....	2,991	3,888	12,769	7,659	8,355	8,455	8,588
Group 1.—Vegetable food products and beverages, total.....	226,272	417,609	1,609,889	2,159,189	1,839,598	1,118,677	1,849,367
Grains and preparations.....	104,622	174,020	1,205,384	1,704,657	1,457,382	833,512	1,483,205
Feeders and feeds.....	9,736	4,124	19,443	14,434	33,427	17,051	33,870
Vegetables and preparations.....	15,304	83,002	113,863	155,679	87,753	59,973	83,798
Fruits and nuts.....	70,111	87,718	160,914	194,404	139,702	99,850	108,159
Vegetable oils and fats, edible ¹	3,342	14,038	30,515	24,061	60,516	31,014	64,371
Cocoa and coffee.....	2,749	1,686	8,962	10,020	8,844	6,189	6,510
Spices.....	243	675	1,206	1,042	581	672	952
Sugar and related products.....	10,444	31,272	37,865	28,177	18,714	38,251	36,538
Beverages.....	3,720	21,075	31,737	26,715	32,619	32,166	31,964
Group 2.—Vegetable products, inedible, except fibers and wood, total.....	194,282	355,081	642,039	561,552	625,702	601,423	812,076
Rubber and manufactures.....	33,293	118,585	146,782	132,402	114,432	91,192	143,270
Naval stores, gums, and resins.....	16,117	13,778	36,006	30,494	32,044	42,442	43,031
Drugs, herbs, leaves, and roots, crude.....	1,798	1,662	3,509	2,671	2,720	2,341	3,265
Oilseeds.....	3,998	5,604	39,284	32,777	80,721	65,196	97,088
Vegetable oils.....	4,693	30,618	46,345	37,336	54,414	70,632	101,509
Vegetable dyeing and tanning extracts.....	1,800	1,406	1,461	1,158	774	635	933
Seeds except oilseeds.....	2,463	13,034	14,983	12,987	12,014	6,962	7,988
Nursery and greenhouse stock.....	433	447	1,138	1,105	925	1,035	1,135
Tobacco and manufactures.....	123,099	153,557	328,092	286,919	308,556	298,594	382,258
Miscellaneous vegetable products.....	6,590	16,300	24,437	23,703	19,093	22,393	26,602
Group 3.—Textiles, total.....	386,213	523,510	1,509,613	1,359,141	1,547,332	1,550,842	1,965,739
Cotton, unmanufactured.....	282,940	151,727	674,203	511,005	874,216	1,024,337	1,146,372
Cotton semimanufactures.....	13,199	14,586	49,192	43,749	41,401	36,605	86,722
Cotton manufactures.....	47,710	170,752	422,063	454,971	324,639	226,879	390,377
Jute and manufactures.....	1,988	8,909	7,634	9,385	5,473	6,191	13,445
Flax, hemp, and ramie, and manufactures.....	527	1,219	5,786	5,811	4,940	1,867	2,329
Other vegetable fibers and manufactures.....	1,162	2,683	1,363	938	1,646	1,509	1,761
Wool, mohair, and Angora rabbit hair, unmanufactured.....	149	5,500	6,048	513	11,726	6,118	409
Wool semimanufactures.....	2,009	5,748	14,332	10,895	13,422	10,920	18,246
Wool manufactures.....	2,810	72,775	47,230	33,925	18,004	13,144	17,938
Hair and manufactures.....	2,156	1,646	4,618	3,902	5,196	4,740	4,666
Silk manufactures.....	6,838	1,702	2,947	1,428	1,720	1,985	2,145
Rayon and other synthetic textiles.....	12,397	49,238	212,251	280,744	204,761	176,699	226,403
Miscellaneous textile products.....	12,327	42,026	61,947	51,876	39,889	39,787	54,926
Group 4.—Wood and paper, total.....	118,374	161,836	247,432	248,247	214,469	189,561	380,042
Wood, unmanufactured.....	4,898	2,423	6,502	6,368	7,359	5,362	11,058
Wood semimanufactures—sawmill products.....	43,162	29,752	68,684	64,027	59,956	48,484	96,515
Wood manufactures.....	16,211	36,039	39,189	35,518	31,078	24,761	36,611
Cork manufactures.....	935	1,871	3,554	3,761	4,107	3,791	4,663
Paper base stocks.....	17,668	19,582	18,638	19,310	18,349	16,890	52,179
Paper and manufactures.....	35,500	72,168	110,865	119,263	93,620	90,272	179,017

¹ Beginning 1949, oleomargarine included with "Vegetable oils and fats, edible"; with "Animal oils and fats, edible" in prior years.

EXPORTS BY COMMODITY

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No. 1018.—EXPORTS OF UNITED STATES MERCHANDISE, BY COMMODITY GROUPS:
1936 to 1951—Continued

[In thousands of dollars]

COMMODITY	1936- 1940, average	1941- 1945, average	1946- 1950, average	1948	1949	1950	1951
Group 5.—Nonmetallic minerals, total.	466,369	848,002	1,175,713	1,368,429	1,081,861	965,057	1,639,950
Coal and related fuels.....	66,745	164,497	405,244	492,275	307,940	277,823	606,159
Petroleum and products.....	345,619	572,845	559,105	657,047	561,850	490,474	783,006
Stone, cement, and lime.....	2,528	8,724	18,235	23,834	18,566	9,102	12,401
Glass and glass products.....	10,310	27,265	58,442	58,648	51,547	47,673	64,479
Clays and clay products.....	9,449	19,550	42,153	46,105	47,968	41,564	59,601
Other nonmetallic minerals, in- cluding precious.....	31,718	55,122	92,534	90,519	93,990	89,420	114,304
Group 6.—Metals and manufactures, except machinery and vehicles, total.	476,637	884,491	1,026,284	1,124,407	1,123,526	792,196	1,036,932
Iron ore.....	3,232	7,259	11,924	13,745	14,654	15,717	30,622
Iron and steel semimanufactures.....	196,955	324,347	315,314	315,400	352,286	239,469	320,308
Steel-mill products—manufactures.....	72,617	218,736	309,773	334,056	370,642	232,994	291,278
Iron and steel, advanced manu- factures.....	50,304	116,442	193,337	211,548	183,672	149,793	196,179
Ferro-alloys, ores, and metals, n. e. s.....	13,392	6,719	5,455	10,323	5,040	3,001	5,575
Nonferrous metals, except precious. Precious metals and plated ware, except jewelry, and gold and silver in ore, bullion, and coin.....	137,421	209,114	185,742	234,484	182,909	146,825	186,602
	2,717	1,873	4,739	4,850	5,323	4,308	6,368
Group 7.—Machinery and vehicles, total.	912,154	4,274,262	3,427,645	3,685,270	3,539,955	3,232,833	4,671,003
Electrical machinery and apparat- us.....	165,605	257,992	454,905	491,212	482,344	438,832	632,218
Industrial machinery ²	281,897	675,193	1,173,214	1,254,162	1,322,216	1,105,566	1,363,241
Office appliances.....	29,370	17,086	82,736	86,938	84,017	90,502	119,621
Printing machinery.....	9,816	4,465	35,027	44,790	44,839	39,768	35,823
Agricultural machinery and im- plements ³	68,027	118,232	98,563	113,916	128,405	108,563	140,729
Automobiles and other vehicles ^{2,3}	417,439	3,201,294	1,583,201	1,694,251	1,478,135	1,449,603	2,379,370
Group 8.—Chemicals and related prod- ucts, total.	153,099	399,956	711,677	779,795	773,671	721,848	977,090
Coal-tar products.....	16,297	32,604	84,666	101,022	84,384	53,892	77,693
Medicinal and pharmaceutical preparations.....	20,208	75,709	184,681	193,156	198,205	210,666	281,382
Chemical specialties ⁴	29,182	66,669	155,427	153,781	186,366	189,029	271,906
Industrial chemicals.....	32,888	97,405	119,212	139,557	117,248	96,110	172,397
Pigments, paints, and varnishes.....	20,638	25,276	74,388	80,170	76,359	79,348	103,174
Fertilizers and fertilizer materials.....	17,676	17,489	60,740	67,687	91,637	76,392	50,677
Explosives, fuses, etc.....	7,203	69,063	6,716	8,499	(?)	(?)	(?)
Soap and toilet preparations.....	9,007	15,739	27,993	25,922	19,473	16,410	19,861
Group 9.—Miscellaneous, total.	119,365	1,091,959	649,915	704,703	651,454	595,657	970,212
Photographic and projection goods Scientific and professional instru- ments, apparatus, and supplies.....	19,617	22,361	55,420	59,588	53,744	52,391	60,082
Musical instruments.....	12,648	107,760	67,816	71,139	60,762	54,201	63,869
Miscellaneous office supplies.....	2,582	2,988	15,001	14,022	13,545	15,845	22,280
Toys, athletic and sporting goods.....	6,668	11,413	37,833	35,800	23,175	22,698	26,414
Firearms and ammunition.....	4,906	3,707	16,790	18,183	13,734	12,238	15,667
Books, maps, pictures, and other printed matter.....	17,500	751,900	18,580	57,130	4,240	2,636	4,283
Clocks and watches.....	21,794	32,712	63,893	67,108	57,966	51,625	67,382
Art works—painting and statuary.....	2,828	3,982	10,437	11,660	12,092	9,094	9,185
Jewelry.....	1,025	1,002	1,938	1,791	1,213	1,051	1,188
Miscellaneous, n. e. s.....	2,775	5,621	21,520	16,310	25,062	13,130	13,391
	27,020	148,504	340,688	351,972	385,912	360,777	686,551

² Beginning July 1950, certain commodities excluded under security regulations from "Industrial machinery" and included with "Automobiles and other vehicles."³ Beginning 1946, tractors, parts and accessories included with "Automobiles and other vehicles"; with "Agricultural machinery and implements" in prior years.⁴ Beginning July 1950, under security regulations, certain commodities included with "Miscellaneous, n. e. s."⁵ Includes explosives, fuses, and blasting caps January 1949 to June 1950.⁶ 3-year average, 1946-1948.⁷ Not reported separately.⁸ Under security regulations, certain commodities included with "Miscellaneous, n. e. s."⁹ Includes only sporting rifles, shotguns, fireworks and pyrotechnics in 1949, and only sporting rifles and shotguns in 1950 and 1951. See notes 10 and 11.¹⁰ Includes firearms (except sporting rifles and shotguns) and ordnance equipment reported under "Firearms and ammunition" in prior years.¹¹ Includes certain chemicals, explosives, fuses, photographer's goods, firearms, and ammunition excluded under security regulations from commodity groups in which they belong. See notes 4, 8, and 9.Source: Department of Commerce, Bureau of Census; annual report, *Foreign Commerce and Navigation of the United States*, and records.

No. 1019.—IMPORTS OF MERCHANDISE, BY COMMODITY GROUPS: 1936 TO 1951

[In thousands of dollars. Represents imports for consumption. See general note, p. 825]

COMMODITY	1936-1940, average	1941-1945, average	1946-1950, average	1948	1949	1950	1951
Total imports of merchandise	2,440,042	3,475,593	6,583,595	7,092,032	6,591,640	8,743,082	10,812,961
Group 00.—Animals and animal products, edible, total	90,761	103,985	243,767	295,194	269,413	376,396	430,526
Animals, edible.....	15,535	21,225	49,073	73,851	60,390	71,989	52,836
Meat products.....	28,064	28,823	62,901	90,464	71,790	113,028	187,432
Animal oils and fats, edible.....	661	791	83	170	110	91	76
Dairy products.....	13,013	4,757	14,641	13,469	17,586	24,301	25,082
Fish.....	30,819	46,030	110,639	111,039	112,402	157,046	158,140
Other edible animal products.....	2,670	2,358	6,432	6,201	7,136	9,942	6,909
Group 0.—Animals and animal products, inedible, total	169,882	236,821	360,826	393,460	277,516	365,864	408,057
Hides and skins, raw (except furs).....	50,591	67,789	92,458	107,765	72,533	118,681	132,749
Leather.....	8,748	14,355	22,674	18,706	13,556	25,646	24,637
Leather manufactures.....	7,644	9,361	15,890	10,125	9,067	15,585	20,683
Furs and manufactures.....	69,781	107,797	149,405	164,548	108,836	109,372	113,995
Animal oils, fats, and greases, inedible.....	6,512	9,820	8,783	14,321	7,307	8,598	14,144
Other animals and animal products, inedible.....	26,606	27,699	71,614	77,995	66,217	87,982	101,849
Group 1.—Vegetable food products and beverages, total	574,365	864,797	1,699,280	1,707,589	1,804,237	2,271,583	2,653,706
Grains and preparations.....	44,342	112,286	42,787	28,873	75,311	78,443	131,302
Fodders and feeds.....	11,318	16,397	23,092	18,892	24,082	33,389	42,115
Vegetables and preparations.....	19,413	29,678	52,762	60,237	52,439	46,512	53,010
Fruits and nuts.....	59,902	63,291	151,263	161,324	146,812	168,847	168,907
Vegetable oils and fats, edible.....	17,503	8,427	13,841	19,796	8,966	24,034	14,431
Cocoa, coffee, and tea.....	191,568	331,852	916,112	939,722	969,753	1,322,140	1,613,051
Spices.....	12,601	15,689	40,406	30,871	37,881	69,497	58,398
Sugar and related products.....	152,636	211,915	366,095	360,301	396,409	408,242	444,168
Beverages.....	65,282	75,262	92,921	87,574	92,585	120,477	128,325
Group 2.—Vegetable products, inedible, except fibers and wood, total	393,850	369,791	734,045	780,891	604,239	886,499	1,278,528
Rubber and manufactures.....	211,308	165,642	323,780	320,609	251,312	478,303	829,437
Gums, resins, and balsams, n. e. s.....	12,758	25,118	38,707	39,928	28,578	31,049	35,727
Drugs, herbs, leaves, roots, etc.....	10,398	17,050	29,123	29,925	25,981	28,140	30,914
Oilseeds.....	40,086	40,564	108,707	150,782	95,178	105,660	104,112
Vegetable oils.....	60,773	45,662	95,646	93,470	72,501	102,565	116,130
Dyeing and tanning materials, n. e. s.....	6,790	11,852	20,214	26,623	16,581	20,706	32,075
Seeds, except oilseeds.....	5,512	3,932	14,858	18,830	19,735	21,172	20,628
Nursery and greenhouse stock.....	3,255	1,602	9,323	8,885	9,162	9,851	10,155
Tobacco and manufactures.....	37,706	54,223	83,441	80,118	75,535	78,873	88,100
Miscellaneous vegetable products.....	5,263	4,146	10,249	11,720	9,677	10,180	11,250
Group 3.—Textiles, total	382,072	461,117	801,068	863,009	685,764	1,054,590	1,495,269
Cotton, unmanufactured.....	11,425	20,208	41,202	42,014	22,415	43,302	42,584
Cotton semimanufactures.....	3,404	2,740	9,315	7,428	6,675	16,371	11,973
Cotton manufactures.....	38,735	16,202	42,502	45,372	43,171	64,533	68,543
Jute and manufactures.....	47,056	63,255	133,919	171,434	142,072	127,920	159,835
Flax, hemp, and ramie, and manufactures.....	27,450	12,556	34,252	33,863	33,700	44,292	45,038
Other vegetable fiber and manufactures.....	25,993	41,764	73,248	76,704	73,616	87,924	154,131
Wool, including mohair, etc., unmanufactured.....	61,291	247,905	291,210	307,673	222,223	427,802	713,872
Wool semimanufactures.....	6,405	6,496	20,728	24,256	25,162	38,346	58,775
Wool manufactures.....	19,601	16,067	48,375	54,831	46,803	75,508	92,667
Hair and manufactures, n. e. s.....	4,117	8,200	10,348	10,577	8,508	11,762	15,649
Silk, unmanufactured.....	109,947	13,021	32,649	15,900	7,527	21,151	21,090
Silk manufactures.....	8,250	2,228	20,708	24,393	24,877	33,881	37,474
Manufactures of rayon or other synthetic textiles.....	7,815	2,186	22,795	29,720	9,206	38,441	52,140
Miscellaneous textile products.....	10,584	8,287	19,816	18,844	19,809	23,357	21,795

IMPORTS BY COMMODITY

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No. 1019.—IMPORTS OF MERCHANDISE, BY COMMODITY GROUPS: 1936 TO 1951—
Continued

[In thousands of dollars]

COMMODITY	1936- 1940, average	1941- 1945, average	1946- 1950, average	1948	1949	1950	1951
Group 4.—Wood and paper, total.....	261,779	327,821	865,849	987,435	841,894	1,114,086	1,303,833
Wood, unmanufactured.....	7,903	11,182	23,388	29,879	19,382	27,306	29,484
Wood semifinufactures—sawmill products.....	19,328	50,280	142,082	152,078	113,176	265,195	229,203
Wood manufactures.....	11,371	11,569	37,606	38,210	33,515	61,055	66,630
Cork and manufactures.....	5,872	9,023	14,376	14,259	10,295	13,948	20,803
Paper base stocks.....	93,395	101,123	252,303	315,729	212,889	273,809	413,691
Paper and manufactures.....	123,911	144,645	396,004	437,779	452,638	472,774	544,022
Group 5.—Nonmetallic minerals, total.....	137,176	245,052	633,068	679,648	694,101	904,841	977,000
Coal and related fuels.....	4,844	4,207	4,833	4,224	6,408	8,063	4,463
Petroleum and products.....	47,654	93,981	379,027	415,669	477,788	591,905	601,269
Stone, cement, lime, and gypsum.....	3,564	9,547	8,454	10,465	7,174	11,169	13,694
Glass and glass products.....	6,102	1,084	7,564	6,440	7,365	14,357	21,675
Clays and clay products.....	9,515	6,175	10,434	20,838	23,782	29,204	40,971
Other nonmetallic minerals.....	21,466	46,834	67,020	72,873	69,749	94,636	119,324
Precious stones and imitations.....	44,034	84,133	146,736	149,140	101,775	155,509	175,603
Group 6.—Metals and manufactures, except machinery and vehicles, total.....	242,551	519,481	801,041	875,221	963,445	1,183,371	1,433,047
Iron ore and concentrates.....	5,697	3,088	28,107	27,330	36,735	44,027	59,682
Iron and steel semifinufactures.....	4,840	1,764	35,878	30,299	48,344	94,289	217,198
Steel-mill products—manufactures.....	10,807	5,811	15,395	12,262	17,968	37,169	125,084
Iron and steel, advanced manufactures.....	2,882	3,178	5,686	5,370	5,774	8,647	21,281
Ferro-alloys.....	25,513	64,793	80,126	86,898	76,590	111,869	132,772
Nonferrous metals, except precious.....	183,770	427,085	613,381	691,295	759,745	854,819	827,876
Precious metals, jewelry, and plated ware, except gold and silver in ore, bullion, and coin.....	9,042	13,762	22,468	21,766	18,288	32,552	49,176
Group 7.—Machinery and vehicles, total.....	17,532	83,125	111,537	153,775	135,113	157,486	243,002
Electrical machinery and apparatus.....	2,075	14,438	5,189	5,325	4,291	9,443	18,031
Industrial, office and printing machinery.....	9,074	9,999	22,408	21,355	26,742	36,871	70,957
Agricultural machinery and implements.....	4,519	6,051	58,734	81,002	82,993	77,372	96,692
Automobiles and other vehicles, except agricultural.....	1,864	52,638	25,206	46,093	21,087	33,800	57,322
Group 8.—Chemicals and related products, total.....	79,662	130,741	118,702	111,449	106,819	170,382	300,431
Coal-tar chemicals.....	15,501	9,719	14,977	18,169	13,200	25,754	53,791
Medicinal and pharmaceutical preparations.....	4,847	7,920	7,191	6,242	5,925	7,811	11,823
Industrial chemicals.....	19,036	28,835	33,264	22,633	18,288	52,757	120,045
Pigments, paints, and varnishes.....	1,605	780	1,992	2,044	1,425	3,603	5,326
Fertilizers and materials.....	35,250	31,688	54,489	56,180	62,685	74,803	101,923
Explosives.....	621	49,401	1,886	2,617	1,740	1,216	1,677
Soap and toilet preparations.....	2,801	2,398	4,904	3,565	3,557	4,439	5,847
Group 9.—Miscellaneous, total.....	90,412	131,861	214,414	244,361	209,098	257,983	289,562
Photographic goods.....	6,601	1,433	6,327	7,817	7,059	10,092	17,018
Scientific and professional instruments, apparatus, and supplies, n. e. s.....	2,047	1,523	3,337	2,970	4,709	6,869	9,811
Musical instruments.....	3,795	1,211	9,392	9,842	9,728	12,866	13,817
Toys, athletic and sporting goods.....	2,964	800	4,858	4,901	5,584	8,010	8,647
Firearms.....	294	13,080	1,427	1,947	1,597	2,193	4,103
Books and other printed matter.....	8,388	5,394	13,162	13,694	13,650	13,958	20,004
Clocks, watches, etc.....	10,275	38,652	57,387	60,039	50,765	57,320	67,380
Art works.....	19,224	3,678	19,615	17,951	19,725	26,257	21,588
Miscellaneous articles, n. e. s.....	36,824	66,090	98,909	125,201	96,280	120,418	127,194

Source: Department of Commerce, Bureau of Census; annual report, *Foreign Commerce and Navigation of the United States*, and records.

No. 1020.—EXPORTS OF UNITED STATES MERCHANDISE—VALUE OF SELECTED ARTICLES: 1821 to 1951

[In thousands of dollars. For basis of dollar values, except export figures for 1870-78, see general note, p. 825. Export figures for those years are mixed gold and currency values. Figures are for fiscal years ending Sept. 30 through 1840, and June 30, 1850 through 1915; calendar years thereafter. In some cases blanks represent entire absence of trade; in other cases the item is not available separately]

YEAR OR YEARLY AVERAGE	Meat products	Animal fats and oils ¹	Leather	Rye	Wheat and wheat flour	Oil cake and oil-cake meal	Fruits and nuts ²	Rubber and manufactures ³	Naval stores, gums, and resins	Tobacco, unmanufactured
1821					4,476				315	5,649
1830					6,132				356	5,586
1840					11,779		25		666	9,884
1850					7,742		25		1,372	9,851
1860	8,080	6,200	693		19,525	1,609	206	241	3,888	15,907
1870	11,630	9,909	111	217	68,341	3,419	543	186	3,277	21,100
1871-1880	50,239	30,035	5,521	1,452	108,067	4,732	1,485	237	4,852	24,028
1881-1890	64,599	36,330	8,271	1,283	131,966	6,847	3,309	709	6,187	21,046
1891-1900	91,521	52,251	16,817	3,323	147,694	10,433	6,235	1,865	8,785	24,083
1901-1910	102,256	79,130	27,627	1,150	124,399	21,471	15,655	6,218	16,668	31,539
1911-1915	81,315	83,806	44,556	3,613	172,788	25,570	31,865	13,362	21,852	46,064
1915-1920 ⁴	401,251	166,868	110,215	52,009	512,063	21,978	61,501	46,430	20,417	139,509
1921-1925	139,833	144,085	44,287	39,475	321,864	24,695	82,860	39,003	22,379	164,596
1926-1930	77,988	116,071	47,481	14,767	230,647	24,392	122,234	67,366	30,353	144,549
1931-1935	28,724	36,987	17,120	139	39,237	7,613	84,798	22,961	14,722	103,742
1936-1940	26,409	18,183	14,418	1,392	55,708	8,188	76,111	33,293	16,117	109,798
1941-1945	379,553	109,169	20,497	1,580	104,941	908	87,718	118,585	13,778	137,720
1946-1950	124,406	108,565	25,270	7,393	872,128	11,124	160,914	146,782	36,006	267,888
1944	534,842	162,866	20,206	77	75,997	872	126,190	185,111	14,215	146,440
1945	289,540	102,832	19,547	7,639	329,852	739	128,442	154,862	12,964	238,802
1946	341,413	95,327	24,228	6,840	609,696	177	171,459	181,967	27,288	351,224
1947	129,300	111,445	33,373	5,454	868,078	14,992	199,096	214,616	47,763	270,687
1948	56,753	88,978	20,462	2,934	1,392,663	7,044	194,404	132,402	30,494	214,526
1949	51,454	134,966	28,286	15,841	1,001,608	24,541	139,762	114,432	32,044	251,945
1950	43,107	112,107	20,003	5,896	488,597	8,867	99,850	91,192	42,442	261,020
1951	60,032	213,949	19,061	11,604	996,554	22,443	108,159	143,270	48,031	325,598

YEAR OR YEARLY AVERAGE	Cotton, unmanufactured	Cotton manufactures ⁵	Sawmill products	Other wood manufactures	Coal and coke	Petroleum and products	Iron and steel-mill products	Copper and manufactures	Machinery, all classes	Automobiles including engines and parts
1821	20,157		1,513					27		
1830	29,675	1,318	1,650	426				37		
1840	63,870	3,550	2,072	921				87		
1850	71,985	4,784	2,545	2,279	167			105		
1860	191,807	10,935	3,714	6,318	741			1,664		
1870	227,028	3,787	4,921	7,625	1,306	32,669	539	1,042	5,783	
1871-1880	194,577	6,622	7,341	8,470	2,506	40,361	1,150	1,657	8,365	
1881-1890	221,689	12,558	12,549	9,134	4,912	49,452	1,622	5,630	13,607	
1891-1900	225,819	16,924	18,866	11,509	12,095	59,055	11,840	25,569	36,093	
1901-1910	386,513	33,237	43,397	18,448	32,491	93,032	43,528	73,638	95,971	6,292
1911-1915	537,044	52,525	62,458	23,608	58,648	137,466	96,313	123,655	158,897	35,805
1915-1920 ⁴	768,361	214,697	63,213	33,973	151,590	349,316	491,191	208,909	354,216	157,775
1921-1925	804,985	133,052	88,233	27,690	131,112	406,267	166,776	129,761	320,048	177,164
1926-1930	765,674	124,079	104,580	32,848	121,800	525,265	170,666	149,999	488,042	406,164
1931-1935	366,539	45,423	38,573	12,622	51,678	232,081	62,931	39,920	212,499	146,503
1936-1940	282,940	60,909	43,162	16,211	66,745	345,619	269,571	87,680	494,612	273,114
1941-1945	151,727	185,337	29,762	36,039	164,497	572,845	543,083	79,333	1,072,968	456,273
1946-1950	674,203	471,256	68,684	39,189	405,244	559,105	625,086	88,037	2,065,384	820,816
1944	114,550	232,407	31,280	42,678	181,540	959,606	550,763	102,697	1,477,532	643,344
1945	278,678	235,924	34,402	54,637	198,258	753,084	457,446	55,212	1,190,991	587,868
1946	538,155	375,242	50,364	36,323	315,735	435,759	447,120	38,587	1,369,145	548,545
1947	423,241	852,492	120,589	68,266	632,448	481,395	824,465	102,489	2,351,781	1,149,433
1948	511,005	498,720	64,027	35,518	492,275	657,047	649,456	113,562	2,359,035	930,367
1949	874,216	366,340	59,956	71,078	307,940	561,850	731,928	97,111	2,354,073	752,592
1950	1,024,397	263,484	48,484	24,761	277,823	499,474	472,463	88,437	2,012,770	723,143
1951	1,146,372	477,099	96,515	36,611	606,159	783,006	611,586	100,993	2,586,929	1,187,598

¹ Includes oleomargarine of vegetable origin through 1948. Excludes inedible fish oils. Excludes "lard compounds" beginning 1921; now classified as "vegetable cooking fats." ² Includes fruit and nut preparations.

³ Natural and synthetic rubber. ⁴ Average for period July 1, 1915, to Dec. 31, 1920.

⁵ Includes semimanufactures. ⁶ Average for 1906-10.

⁷ Box, crate and package shoeks (except fruit and vegetable) included with "Other wood manufactures" beginning 1949; classified as "Sawmill products" in prior years.

⁸ Exclusive of track-laying tractors of 95 and over drawbar horsepower beginning July 1949.

⁹ Exclusive of machinery and vehicles manufactured to military specifications beginning July 1949.

Source: Department of Commerce, Bureau of the Census; annual report, *Foreign Commerce and Navigation of the United States*, and records.

No. 1021.—IMPORTS—VALUE OF SELECTED COMMODITIES: 1821 TO 1951

[In thousands of dollars. For basis of dollar values, see general note, p. 825. Figures represent "general imports" through 1932, "imports for consumption" thereafter. Figures cover fiscal years ending Sept. 30 through 1840, and June 30, 1850 through 1915; calendar years thereafter. In some cases blanks represent entire absence of trade; in other cases the item is not available separately]

YEAR OR YEARLY AVERAGE	Hides and skins	Furs, and manu- factures ¹	Fruits and nuts	Vegetable oils and fats, ex- pressed or ex- tracted	Coffee	Sugar ²	Rub- ber, crude	Tobac- co, un- manu- factured	Cotton manu- factures ³	Burlaps
1821	893	224	181		4,490	3,554			7,391	
1830	2,410	306	520	18	4,227	4,631			7,865	
1840	2,756	423	1,405	263	8,546	5,581			6,504	
1850	4,799	1,014	1,191	922	11,235	7,556		272	20,781	
1860	10,525	1,838	4,804	1,619	21,884	31,079	1,427	1,366	33,216	
1870	14,402	2,236	7,417	2,153	24,235	56,924	3,460	2,534	23,380	
1871-1880	17,443	4,192	11,237	1,164	48,874	75,216	5,695	4,363	26,691	
1881-1890	24,776	7,224	18,732	1,798	55,381	85,760	13,262	8,682	30,209	2,276
1891-1900	32,143	9,466	19,492	3,371	83,025	97,371	21,135	12,083	31,588	6,925
1901-1910	69,363	18,236	28,363	10,676	71,473	84,863	47,755	20,824	57,845	18,549
1911-1915	102,967	19,341	43,033	26,554	108,970	118,240	82,736	31,576	63,049	30,749
1915-1920 ⁴	201,517	47,620	61,755	84,462	165,265	393,006	192,149	51,012	65,816	62,691
1921-1925	93,067	80,552	75,499	59,652	205,792	295,389	192,922	64,831	86,568	60,406
1926-1930	118,003	114,785	84,865	81,940	281,707	207,318	294,428	57,018	63,627	72,250
1931-1935	39,795	43,125	48,407	45,012	141,173	119,110	74,873	27,118	34,472	26,141
1936-1940	50,591	69,781	59,902	72,765	137,736	138,521	208,312	34,284	42,159	35,667
1941-1945	67,789	107,798	63,291	43,840	265,638	171,975	148,694	50,496	18,942	50,074
1946-1950	92,468	149,406	151,263	94,812	731,709	334,782	311,446	80,763	11,816	102,062
1944	61,415	125,890	68,054	44,904	326,067	212,322	76,001	60,288	11,545	53,893
1945	49,954	144,148	109,815	48,714	345,952	201,554	98,030	75,443	17,669	65,313
1946	77,471	238,378	143,281	73,531	472,380	196,983	232,800	85,904	44,503	76,183
1947	85,839	125,889	136,053	117,379	601,318	410,516	316,740	90,694	41,029	109,010
1948	107,765	164,548	161,324	103,636	697,679	313,059	309,137	77,590	52,800	131,313
1949	72,533	108,836	146,812	70,014	795,145	372,167	240,812	73,239	49,846	103,237
1950	118,681	109,372	168,847	109,498	1,092,022	381,187	458,241	76,387	80,904	90,558
1951	132,749	113,995	168,907	107,492	1,361,322	386,944	808,781	85,434	80,516	112,128

YEAR OR YEARLY AVERAGE	Wool and mohair	Wool manu- factures (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 materi- als ⁵
1821		7,239				58		233	149	
1830	97	5,901	119			170		807	108	
1840	846	10,808	234			70		1,653	229	
1850	1,690	19,621	386			432		2,418	674	92
1860	4,843	43,142	1,230			497		1,630	1,158	526
1870	6,743	34,491	3,018			1,100		656	2,043	2,192
1871-1880	12,828	38,123	6,390	5,618		1,591		1,084	3,032	2,317
1881-1890	13,531	43,292	15,963	8,074		2,082		495	6,028	4,700
1891-1900	22,171	32,014	26,160	7,887	1,478	3,016		3,381	9,146	6,642
1901-1910	32,410	19,357	55,509	14,699	5,378	5,124		30,319	25,997	20,969
1911-1915	42,664	22,777	80,079	18,276	16,254	12,952	8,868	46,129	41,493	39,631
1915-1920 ⁴	170,173	26,852	213,960	36,521	42,814	47,214	31,174	103,805	73,739	67,142
1921-1925	102,369	64,592	348,123	60,653	67,002	105,239	91,857	77,811	59,225	57,140
1926-1930	78,790	69,295	368,232	44,503	86,044	151,219	132,794	108,243	89,058	67,997
1931-1935	18,731	17,114	115,054	10,540	59,544	95,523	50,990	29,662	43,837	28,659
1936-1940	61,291	26,005	108,723	19,328	77,994	123,911	47,654	47,608	85,363	35,250
1941-1945	247,905	22,563	12,598	50,278	84,136	144,645	93,981	164,807	77,610	31,687
1946-1950	291,210	69,105	32,040	142,082	217,455	396,004	379,027	186,459	149,165	54,489
1944	186,234	17,362		51,485	89,178	141,604	113,352	165,749	56,993	35,506
1945	241,300	24,535	1,116	57,289	115,764	157,642	151,959	194,672	54,009	41,327
1946	289,409	41,112	101,246	78,374	135,782	253,661	159,373	86,384	69,179	35,330
1947	208,942	39,508	15,709	101,587	256,439	363,169	250,400	175,829	98,932	43,449
1948	307,673	79,087	15,406	152,078	272,409	437,779	415,669	203,042	176,153	56,180
1949	222,223	71,964	7,272	113,176	182,432	452,638	477,788	224,232	212,304	62,685
1950	427,802	113,853	20,565	265,195	240,211	472,774	591,905	242,810	202,255	74,803
1951	713,572	151,442	19,485	229,203	352,101	544,022	601,269	278,490	157,558	101,923

¹ Includes fur hats beginning 1921; formerly classified as miscellaneous textile products.

² Includes sirups and maple sugar prior to Oct. 4, 1913. ³ Includes semimanufactures.

⁴ Average for period July 1, 1915, to Dec. 31, 1920.

⁵ Saltpeter transferred to fertilizers from chemicals beginning 1921.

Source: Department of Commerce, Bureau of Census; annual report, *Foreign Commerce and Navigation of the United States*, and records.

No. 1022.—FOREIGN TRADE WITH EACH CONTINENT, BY ECONOMIC CLASSES: 1936 to 1946

[In millions of dollars. "Manufactured foodstuffs" includes beverages]

ECONOMIC CLASS AND CONTINENT	1936-1940, average	1941-1945, average	1942	1943	1944	1945	1946		
							Total	Agricultural	Non-agricultural
Exports, U. S. merchandise	3,166.5	9,922.2	8,003.1	12,841.5	14,161.5	9,584.7	9,500.2	3,139.9	6,360.3
North America	788.8	1,834.6	1,803.5	1,967.0	2,041.3	1,880.0	2,494.6	385.9	2,108.7
Crude materials.....	133.3	259.4	252.3	283.2	294.8	284.5	332.3	65.2	267.1
Crude foodstuffs.....	42.3	79.0	50.0	78.6	103.9	118.8	136.1	135.1	1.0
Manufactured foodstuffs.....	46.1	105.6	90.5	92.2	129.3	134.2	181.6	173.5	8.0
Seminanufactures.....	120.5	244.1	266.7	246.1	239.1	248.1	263.6	5.7	258.0
Finished manufactures.....	446.5	1,146.5	1,144.0	1,267.0	1,274.1	1,094.3	1,580.9	6.4	1,574.5
South America	314.9	495.1	371.3	408.6	535.3	640.7	1,140.0	96.3	1,043.7
Crude materials.....	8.7	11.7	10.1	8.8	9.0	15.9	23.6	8.9	14.7
Crude foodstuffs.....	2.5	1.7	.9	.3	.9	3.9	15.4	15.4	(2)
Manufactured foodstuffs.....	10.8	21.8	14.7	12.7	26.5	36.5	69.7	67.7	2.1
Seminanufactures.....	50.6	92.0	74.4	76.3	99.5	95.5	136.9	.5	136.4
Finished manufactures.....	242.4	367.9	271.2	310.6	399.4	488.9	894.3	3.8	890.5
Europe ¹	1,309.4	5,596.5	3,971.2	7,566.3	9,321.6	5,350.2	3,946.6	2,049.8	1,896.8
Crude materials.....	340.5	264.9	140.4	340.4	214.0	517.0	786.2	654.8	131.3
Crude foodstuffs.....	70.3	69.1	15.4	27.9	26.1	243.3	377.0	376.9	1.1
Manufactured foodstuffs.....	94.8	921.8	757.2	1,327.9	1,329.2	932.5	1,032.1	1,001.6	30.5
Seminanufactures.....	268.2	472.6	449.0	643.1	649.1	335.0	350.5	7.9	342.6
Finished manufactures.....	535.7	3,868.0	2,609.3	5,226.8	7,103.2	3,322.4	1,400.9	8.6	1,392.3
Asia ¹	533.0	796.4	687.1	836.8	994.1	842.5	1,314.8	510.1	804.8
Crude materials.....	108.7	15.5	4.6	5.0	8.4	18.2	241.8	236.7	5.1
Crude foodstuffs.....	3.4	2.4	.1	(2)	.1	7.8	89.4	89.4	(2)
Manufactured foodstuffs.....	17.0	56.7	28.9	26.1	90.8	100.1	196.1	181.4	14.6
Seminanufactures.....	142.8	48.7	39.8	39.7	36.2	40.8	91.4	.3	91.0
Finished manufactures.....	261.0	673.1	613.6	766.0	858.6	675.6	696.2	2.3	694.0
Oceania	88.8	362.8	361.2	568.0	409.6	352.4	116.3	18.4	97.9
Crude materials.....	8.9	13.3	5.4	18.9	18.0	18.4	16.4	14.7	1.7
Crude foodstuffs.....	.3	.9	.1	.2	.4	3.2	.1	.1	(2)
Manufactured foodstuffs.....	2.3	4.2	2.3	3.2	7.6	5.9	2.7	2.5	.1
Seminanufactures.....	11.8	34.3	42.5	45.6	33.1	26.8	20.9	.2	20.8
Finished manufactures.....	65.5	310.1	310.9	500.1	350.5	298.1	76.3	.9	75.4
Africa	131.6	836.7	808.8	1,494.9	859.7	519.0	487.8	79.5	408.4
Crude materials.....	3.0	8.4	5.2	5.5	9.8	16.6	15.6	10.0	5.6
Crude foodstuffs.....	.5	12.3	1.3	2.1	2.4	55.1	30.1	30.1	(2)
Manufactured foodstuffs.....	4.0	44.3	31.0	88.7	49.3	36.5	40.2	38.3	1.9
Seminanufactures.....	17.1	39.7	47.9	38.6	39.6	33.3	31.8	.3	31.5
Finished manufactures.....	107.0	732.1	723.3	1,360.1	758.6	377.4	370.1	.7	369.4
Imports for consumption	2,440.1	3,475.6	2,780.3	3,390.1	3,587.5	4,098.1	4,824.9	2,297.5	2,527.4
North America	599.9	1,529.4	1,114.9	1,676.5	2,024.3	1,892.8	1,627.2	569.0	1,058.2
Crude materials.....	81.3	198.6	165.9	211.2	249.1	221.4	220.4	87.1	133.3
Crude foodstuffs.....	110.7	260.4	184.8	290.6	460.7	282.3	243.0	211.3	36.7
Manufactured foodstuffs.....	133.9	288.1	185.0	315.6	400.6	335.0	331.7	263.1	68.6
Seminanufactures.....	131.9	380.2	341.1	382.0	392.8	509.8	428.3	3.7	424.6
Finished manufactures.....	142.2	407.1	288.1	477.1	521.1	544.3	398.8	3.8	395.0
South America	329.0	790.0	643.5	782.7	920.3	948.7	1,105.0	745.4	359.6
Crude materials.....	119.2	310.5	253.8	294.2	332.3	359.6	415.4	217.5	197.9
Crude foodstuffs.....	144.5	237.4	174.0	240.7	300.0	305.7	441.1	441.0	.1
Manufactured foodstuffs.....	14.9	40.3	33.4	41.9	48.6	50.4	53.0	47.5	5.5
Seminanufactures.....	47.6	180.8	175.7	187.8	206.0	192.3	154.0	35.1	118.9
Finished manufactures.....	2.8	21.1	6.6	18.1	33.4	40.6	41.5	4.3	37.2
Europe ¹	619.4	287.3	235.8	246.4	278.1	402.4	754.0	136.6	617.4
Crude materials.....	109.2	56.2	45.3	45.2	55.3	69.9	177.4	60.8	116.6
Crude foodstuffs.....	11.2	7.9	2.1	4.3	14.5	15.5	15.4	15.1	.2
Manufactured foodstuffs.....	107.0	55.6	44.5	54.5	66.9	62.9	99.8	50.4	49.4
Seminanufactures.....	179.6	61.4	30.2	32.0	32.8	104.0	193.3	4.0	189.2
Finished manufactures.....	212.3	116.2	113.7	110.3	108.6	150.0	268.3	6.2	262.0
Asia ¹	777.9	469.4	337.7	226.2	310.7	388.2	861.7	559.6	302.0
Crude materials.....	422.1	267.0	211.8	104.9	165.2	198.8	540.9	444.8	96.1
Crude foodstuffs.....	32.1	40.9	28.2	31.9	41.7	53.6	67.6	67.3	.3
Manufactured foodstuffs.....	85.2	16.6	7.2	2.8	1.7	8.1	13.6	13.3	.4
Seminanufactures.....	141.0	72.5	45.0	30.7	37.4	43.1	116.9	29.0	87.9
Finished manufactures.....	97.4	72.4	45.6	56.0	64.8	84.5	122.8	5.3	117.5
Oceania	35.4	182.2	255.8	243.0	134.2	163.7	175.3	139.0	36.3
Crude materials.....	31.1	169.3	241.5	230.3	121.1	148.9	160.0	132.2	27.8
Crude foodstuffs.....	.2	1.1	.7	.5	2.0	1.3	1.0	1.0	.2
Manufactured foodstuffs.....	2.7	3.7	3.9	5.5	2.1	4.7	5.3	5.1	.2
Seminanufactures.....	.8	6.0	9.0	4.5	4.6	6.7	6.0	.1	5.9
Finished manufactures.....	.6	2.1	.7	2.2	4.4	2.1	3.0	.6	2.4
Africa	78.3	217.2	192.6	215.3	219.8	302.4	301.7	147.9	153.7
Crude materials.....	44.3	145.5	142.5	151.5	155.2	184.5	215.0	100.9	114.1
Crude foodstuffs.....	20.8	21.1	8.7	16.2	22.5	34.7	41.4	40.2	1.1
Manufactured foodstuffs.....	1.8	.7	.5	.9	1.1	.6	.6	.4	.2
Seminanufactures.....	10.0	44.3	38.5	40.5	32.6	72.3	32.1	3.7	28.4
Finished manufactures.....	1.4	5.6	2.4	6.1	8.4	10.3	12.6	2.7	9.9

¹ Turkey in Europe included with Asia; U. S. S. R. in Asia included with Europe.

² Less than \$50,000.

Source: Department of Commerce, Bureau of the Census; annual report, *Foreign Commerce and Navigation of the United States*.

No. 1023.—FOREIGN TRADE—PERCENT DISTRIBUTION OF UNITED STATES MERCHANDISE BY ECONOMIC CLASS AND BY CONTINENT: 1941 TO 1946

[Percentages based on data shown in table 1022, except calculations were made from unrounded figures]

ECONOMIC CLASS AND CONTINENT	EXPORTS						IMPORTS FOR CONSUMPTION					
	1941-1945, avg.	1942	1943	1944	1945	1946	1941-1945, avg.	1942	1943	1944	1945	1946
CLASS												
Crude materials	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
North America.....	45.3	60.4	42.8	53.2	32.7	23.5	17.3	15.6	20.4	23.1	18.7	12.7
South America.....	2.1	2.4	1.3	1.6	1.8	1.7	27.1	23.9	28.4	30.8	30.4	24.0
Europe.....	46.2	33.6	51.4	38.6	59.4	55.5	4.9	4.3	4.4	5.1	5.9	10.3
Asia.....	2.7	1.1	.8	1.5	2.1	17.1	23.3	20.0	10.1	15.3	16.8	31.8
Oceania.....	2.3	1.3	2.9	3.2	2.1	1.2	14.8	22.8	22.2	11.2	12.6	9.3
Africa.....	1.5	1.2	.8	1.8	1.9	1.1	12.7	13.4	14.6	14.4	15.6	12.4
Crude foodstuffs	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
North America.....	47.8	73.7	72.0	77.7	27.5	21.0	45.8	38.7	49.7	54.8	40.7	30.5
South America.....	1.0	1.3	.3	.7	.9	2.4	41.7	49.9	41.2	35.7	44.1	54.2
Europe.....	41.8	22.7	25.6	19.5	56.3	58.2	1.4	.6	.7	1.7	2.2	1.9
Asia.....	1.5	.2	-----	.1	1.8	13.8	7.2	8.1	5.5	5.0	7.7	8.3
Oceania.....	.5	.1	.2	.3	.7	-----	.2	.2	.1	.2	.2	.1
Africa.....	7.4	2.0	2.1	1.6	12.8	4.6	3.7	2.5	2.8	2.7	5.1	5.1
Manufactured foodstuffs	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
North America.....	9.2	9.8	5.9	7.9	10.8	11.9	70.8	67.4	74.9	76.9	72.6	65.8
South America.....	1.9	1.6	.8	1.6	2.9	4.6	10.1	12.2	9.9	9.3	10.9	10.5
Europe.....	79.9	81.9	85.7	81.4	74.9	67.8	13.9	16.2	13.0	12.8	13.6	19.8
Asia.....	4.9	3.1	1.7	5.6	8.0	12.9	4.1	2.6	.7	.3	1.8	2.7
Oceania.....	4.4	.3	.2	.5	.5	.2	.9	1.4	1.3	.4	1.0	1.1
Africa.....	3.8	3.4	5.7	3.0	2.9	2.6	.2	.2	.2	.2	.1	.1
Semimanufactures	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
North America.....	26.2	29.0	22.6	21.9	31.8	29.5	51.7	53.3	56.4	55.6	54.9	46.0
South America.....	8.9	8.1	7.0	9.1	12.3	15.3	24.6	27.5	27.7	29.2	27.0	16.5
Europe.....	50.7	48.9	59.0	59.1	43.0	39.2	7.0	4.7	4.7	4.7	11.2	20.8
Asia.....	5.2	4.3	3.7	3.3	5.2	10.2	9.9	7.0	4.5	5.3	4.6	12.6
Oceania.....	3.7	4.6	4.2	3.0	3.4	2.3	.8	1.4	.7	.6	.7	.6
Africa.....	4.3	5.1	3.5	3.6	4.3	3.6	6.0	6.0	6.0	6.0	7.8	3.5
Finished manufactures	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
North America.....	16.2	20.2	13.4	11.9	17.5	31.5	65.2	63.0	71.2	70.3	65.4	47.1
South America.....	5.2	4.8	3.3	3.7	7.8	17.3	3.4	1.4	2.7	4.5	4.9	4.9
Europe.....	54.5	46.0	55.5	66.1	53.1	27.9	18.6	24.9	16.5	14.7	18.0	31.7
Asia.....	9.5	10.8	8.1	8.0	10.8	13.9	11.6	10.0	8.4	8.8	10.2	14.5
Oceania.....	4.4	5.5	5.3	3.3	4.8	1.5	.3	.2	.3	.6	.3	.4
Africa.....	10.3	12.8	14.4	7.1	6.0	7.4	.9	.5	.9	1.1	1.2	1.5
CONTINENT												
North America	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Crude materials.....	14.1	14.0	14.4	14.4	15.1	13.3	13.0	14.9	12.6	12.8	11.7	13.5
Crude foodstuffs.....	4.3	2.8	4.0	5.1	6.3	5.5	17.0	12.1	17.3	22.8	14.9	15.2
Manufactured foodstuffs.....	5.8	5.0	4.7	6.3	7.1	7.3	18.5	16.6	18.8	19.8	17.7	20.4
Semimanufactures.....	13.3	14.8	12.5	11.7	13.2	10.6	24.9	30.6	22.8	19.4	26.0	26.3
Finished manufactures.....	62.5	63.5	64.4	62.4	58.2	63.4	26.6	25.8	28.5	25.7	23.8	24.5
South America	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Crude materials.....	2.4	2.7	2.1	1.7	2.5	2.1	39.3	38.4	37.6	36.1	37.9	37.6
Crude foodstuffs.....	.3	.2	.1	.2	.6	1.4	30.0	27.0	30.8	32.6	32.2	40.0
Manufactured foodstuffs.....	4.4	4.0	3.1	4.9	5.7	6.1	5.1	6.2	5.3	5.3	4.3	3.8
Semimanufactures.....	18.6	20.0	18.7	18.6	14.9	12.0	22.9	27.3	24.0	22.4	20.3	14.9
Finished manufactures.....	74.3	73.1	76.0	74.6	76.3	78.4	2.7	1.0	2.3	3.6	4.3	3.8
Europe	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Crude materials.....	4.7	8.5	4.5	2.3	9.7	19.9	19.6	19.2	18.4	19.9	17.4	23.5
Crude foodstuffs.....	1.2	.4	.4	.3	4.5	9.6	2.7	.9	1.7	5.2	2.9	2.0
Manufactured foodstuffs.....	16.5	19.1	17.5	14.3	17.4	26.2	19.4	18.9	22.1	24.0	15.6	13.2
Semimanufactures.....	8.4	11.3	8.5	7.0	6.3	8.9	17.9	12.8	13.0	11.8	25.9	25.6
Finished manufactures.....	69.1	65.7	69.1	76.2	62.1	35.5	40.5	48.2	44.8	30.1	37.3	35.6
Asia	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Crude materials.....	1.9	.7	.6	.8	2.2	18.4	56.9	62.7	46.4	53.2	51.2	62.8
Crude foodstuffs.....	.3	.0	-----	.0	.9	6.8	8.7	8.4	14.1	13.4	13.8	7.8
Manufactured foodstuffs.....	7.1	4.2	3.1	9.1	11.9	14.9	3.5	2.1	1.2	.5	2.1	1.6
Semimanufactures.....	6.1	5.8	4.8	3.6	4.8	6.9	15.4	13.3	13.6	12.0	11.1	13.6
Finished manufactures.....	84.5	89.3	91.5	86.4	80.2	53.0	15.4	13.5	24.0	20.9	21.8	14.2
Oceania	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Crude materials.....	3.7	1.5	3.3	4.4	5.2	14.1	92.9	94.4	94.8	90.2	91.0	91.3
Crude foodstuffs.....	.2	.0	-----	.1	.9	1.1	.6	.3	.2	1.5	.8	.5
Manufactured foodstuffs.....	1.2	.6	.6	1.8	1.7	2.3	2.0	1.5	2.3	1.5	2.9	3.0
Semimanufactures.....	9.5	11.8	8.0	8.1	7.6	18.0	3.3	3.5	1.8	3.4	4.1	3.4
Finished manufactures.....	85.5	86.1	88.1	85.6	84.6	65.6	1.1	.3	.9	3.3	1.3	1.7
Africa	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Crude materials.....	1.0	.6	.4	1.1	3.2	3.2	67.0	74.0	70.4	70.6	61.0	71.3
Crude foodstuffs.....	1.5	.2	.1	.3	10.6	6.2	9.7	4.5	7.5	10.2	11.5	13.7
Manufactured foodstuffs.....	5.3	3.8	5.9	5.8	7.0	8.2	.3	.3	.4	.5	.2	.2
Semimanufactures.....	4.7	5.8	2.6	4.6	6.4	6.5	20.4	20.0	18.8	14.8	23.9	10.6
Finished manufactures.....	87.5	89.5	91.0	88.2	72.7	75.9	2.6	1.2	2.8	3.8	3.4	4.2

Source: Department of Commerce, Bureau of Census; annual report, *Foreign Commerce and Navigation of the United States*.

No. 1024.—EXPORTS (INCLUDING REEXPORTS) AND GENERAL IMPORTS OF MERCHANDISE, BY CONTINENTS: 1821 TO 1951

[In thousands of dollars. For basis of dollar values, see general note, p. 825. Figures cover fiscal years to and including 1915; calendar years thereafter, except as noted. Philippine Islands included with Asia for all years; Turkey in Europe is with Asia beginning 1926; U. S. S. R. in Asia is with Europe beginning 1924; and Hawaiian Islands with Oceania prior to 1901. See also *Historical Statistics*, series M 87-102]

YEARLY AVERAGE OR YEAR	EXPORTS							
	Total	North America		South America	Europe	Asia	Australia and Oceania	Africa
		Northern	Southern					
1821.....	54, 496	2, 392	11, 965	2, 208	35, 575	1, 977	71	306
1830.....	71, 671	2, 802	14, 723	4, 586	47, 393	1, 906	27	234
1840.....	123, 669	6, 090	17, 241	5, 714	92, 039	1, 560	330	696
1850.....	144, 376	9, 519	14, 284	7, 730	108, 638	3, 028	190	987
1860.....	333, 576	22, 883	29, 273	15, 706	249, 425	8, 100	4, 962	3, 227
1870.....	392, 772	21, 703	31, 100	15, 188	313, 315	5, 773	3, 873	1, 620
1871-1880.....	589, 301	32, 874	36, 246	21, 161	482, 235	8, 133	5, 703	2, 950
1881-1890.....	765, 136	40, 697	43, 945	30, 129	613, 753	18, 958	13, 928	3, 728
1891-1900.....	1, 024, 870	64, 636	63, 050	34, 473	798, 320	32, 968	20, 152	11, 272
1901-1910.....	1, 616, 570	152, 698	126, 238	64, 104	1, 131, 759	87, 091	31, 049	23, 222
1911-1915.....	2, 370, 539	337, 091	182, 315	122, 243	1, 517, 404	133, 348	51, 506	26, 632
1915-1920 ¹	6, 321, 190	780, 221	503, 439	360, 744	4, 123, 523	562, 476	109, 121	81, 668
1921-1925.....	4, 397, 027	627, 382	444, 577	297, 115	2, 318, 244	498, 553	141, 426	69, 729
1926-1930.....	4, 777, 314	829, 858	403, 175	447, 860	2, 236, 501	573, 085	177, 239	109, 596
1931-1935.....	2, 025, 195	300, 372	162, 435	141, 074	960, 158	349, 911	48, 568	62, 377
1936-1940.....	3, 219, 681	521, 793	291, 178	317, 400	1, 332, 708	535, 283	89, 150	132, 069
1941-1945.....	10, 051, 075	1, 297, 384	574, 985	500, 039	5, 673, 543	799, 063	363, 562	842, 490
1946-1950.....	11, 829, 467	1, 895, 400	1, 399, 158	1, 664, 671	4, 120, 070	1, 826, 939	183, 572	613, 214
1943.....	12, 964, 906	1, 462, 519	543, 998	411, 480	7, 633, 089	837, 541	568, 927	1, 507, 353
1944.....	14, 268, 702	1, 460, 921	625, 938	540, 277	9, 363, 897	995, 732	410, 484	861, 404
1945.....	9, 805, 625	1, 194, 814	724, 279	645, 226	5, 514, 814	849, 252	353, 569	323, 671
1946.....	9, 738, 321	1, 462, 917	1, 072, 097	1, 148, 590	4, 122, 358	1, 326, 870	116, 671	489, 819
1947.....	14, 429, 747	2, 114, 505	1, 714, 979	2, 353, 642	5, 187, 322	1, 917, 504	320, 324	621, 471
1948.....	12, 653, 058	1, 944, 706	1, 450, 572	1, 911, 582	4, 279, 188	2, 129, 566	152, 772	734, 072
1949.....	12, 051, 103	1, 959, 180	1, 339, 603	1, 561, 832	4, 118, 159	2, 255, 766	194, 864	621, 755
1950 ²	10, 275, 102	1, 995, 732	1, 418, 642	1, 347, 660	2, 893, 324	1, 504, 990	133, 229	349, 354
1951 ²	15, 020, 408	2, 588, 477	1, 702, 160	2, 070, 899	4, 042, 865	2, 240, 351	242, 615	580, 900

YEARLY AVERAGE OR YEAR	GENERAL IMPORTS							
	Total	North America		South America	Europe	Asia	Australia and Oceania	Africa
		Northern	Southern					
1821.....	54, 521	402	11, 816	1, 570	35, 000	5, 324	34	375
1830.....	62, 721	398	10, 793	4, 919	40, 117	6, 241	18	234
1840.....	98, 259	1, 228	15, 421	8, 606	61, 721	10, 686	152	445
1850.....	173, 509	5, 180	16, 116	16, 038	123, 115	12, 434	9	618
1860.....	353, 616	23, 730	44, 180	34, 929	216, 661	29, 239	1, 170	3, 706
1870.....	435, 958	36, 265	74, 435	42, 964	240, 187	37, 773	1, 612	2, 722
1871-1880.....	535, 222	30, 720	91, 365	65, 771	284, 294	55, 715	4, 287	3, 051
1881-1890.....	692, 187	41, 113	97, 564	79, 184	384, 644	72, 173	13, 764	3, 746
1891-1900.....	763, 328	36, 801	102, 025	107, 255	393, 733	96, 584	19, 519	7, 412
1901-1910.....	1, 158, 500	66, 137	154, 913	139, 437	594, 067	177, 289	12, 818	13, 840
1911-1915.....	1, 712, 319	131, 455	248, 943	219, 923	798, 115	270, 797	19, 020	24, 065
1915-1920 ¹	3, 358, 354	426, 337	588, 103	591, 295	682, 298	910, 340	70, 134	90, 848
1921-1925.....	3, 450, 103	396, 668	514, 233	421, 336	1, 049, 565	942, 808	53, 994	71, 499
1926-1930.....	4, 033, 469	479, 737	460, 457	545, 788	1, 207, 213	1, 195, 930	53, 137	91, 207
1931-1935.....	1, 713, 102	236, 164	177, 257	244, 160	516, 313	490, 909	16, 209	32, 068
1936-1940.....	2, 482, 030	368, 521	246, 139	337, 703	627, 085	784, 989	36, 372	81, 220
1941-1945.....	3, 514, 080	953, 196	588, 916	801, 021	287, 826	478, 314	187, 281	217, 524
1946-1950.....	6, 659, 363	1, 429, 229	955, 066	1, 479, 231	1, 011, 596	1, 245, 432	167, 102	371, 706
1943.....	8, 381, 498	1, 040, 552	641, 827	775, 611	239, 507	234, 814	245, 376	203, 812
1944.....	8, 928, 868	1, 275, 898	757, 844	931, 271	289, 295	321, 940	130, 305	222, 312
1945.....	4, 159, 138	1, 145, 388	752, 934	976, 101	409, 450	407, 315	170, 935	297, 015
1946.....	4, 942, 054	910, 529	733, 222	1, 118, 138	804, 326	886, 946	182, 574	306, 317
1947.....	5, 765, 333	1, 128, 124	1, 015, 661	1, 254, 222	820, 036	1, 055, 195	155, 761	327, 335
1948.....	7, 123, 877	1, 593, 546	946, 114	1, 559, 644	1, 121, 123	1, 346, 073	163, 673	393, 703
1949.....	6, 622, 390	1, 552, 351	941, 348	1, 501, 273	925, 052	1, 239, 488	125, 364	337, 516
1950.....	8, 852, 161	1, 961, 593	1, 138, 987	1, 962, 879	1, 387, 445	1, 690, 457	208, 140	493, 661
1951.....	10, 961, 550	2, 276, 974	1, 221, 076	2, 326, 133	2, 040, 386	2, 057, 887	450, 328	583, 766

¹ Period July 1, 1915, to Dec. 31, 1920.

² Total includes \$632,171,000 for 1950 and \$1,552,141,000 for 1951 not shown by continents due to security regulations.

Source: Department of Commerce, Bureau of Census; annual report, *Foreign Commerce and Navigation of the United States*, and records.

No. 1025.—EXPORTS AND GENERAL IMPORTS, BY CONTINENTS—PERCENT
DISTRIBUTION: 1821 TO 1951

[Percentages based on figures shown in table 1024, except that calculations were made from unrounded figures.
See headnote to that table]

YEARLY AVERAGE OR YEAR	PERCENT OF TOTAL EXPORTS							PERCENT OF TOTAL IMPORTS						
	North America		South America	Europe	Asia	Australia and Oceania	Africa	North America		South America	Europe	Asia	Australia and Oceania	Africa
	North- ern	South- ern						North- ern	South- ern					
1821-----	4.4	22.0	4.1	65.3	3.6	0.1	0.6	0.7	21.7	2.9	64.2	9.8	0.1	0.7
1830-----	3.9	20.5	6.4	66.1	2.7	(1)	.3	.6	17.2	7.8	64.0	10.0	(1)	.4
1840-----	4.9	13.9	4.6	74.4	1.3	.3	.6	1.2	15.7	8.8	62.8	10.9	.2	.5
1850-----	6.6	9.9	5.4	75.2	2.1	.1	.7	3.0	9.3	9.2	71.0	7.2	(1)	.4
1860-----	6.9	8.8	4.7	74.8	2.4	1.5	1.0	6.7	12.5	9.9	61.3	8.3	.3	1.0
1870-----	5.5	7.9	3.9	79.8	1.5	1.0	.5	8.3	17.1	9.9	55.1	8.7	.4	.6
1871-1880-----	5.6	6.2	3.6	81.8	1.4	1.0	.5	5.7	17.1	12.3	53.1	10.4	.8	.6
1881-1890-----	5.3	5.7	3.9	80.2	2.5	1.8	.5	5.9	14.1	11.4	55.6	10.4	2.0	.5
1891-1900-----	6.3	6.2	3.4	77.9	3.2	2.0	1.1	4.8	13.4	14.1	51.6	12.7	2.6	1.0
1901-1910-----	9.4	7.8	4.0	70.0	5.4	1.9	1.4	5.7	13.4	12.0	51.3	15.3	1.1	1.2
1911-1915-----	14.2	7.7	5.2	64.0	5.6	2.2	1.1	7.7	14.5	12.8	46.6	15.8	1.1	1.4
1915-1920 ² -----	12.0	7.7	5.5	63.2	8.6	1.7	1.3	12.7	17.5	17.6	20.3	27.1	2.1	2.7
1921-1925-----	14.3	10.1	6.8	52.7	11.3	3.2	1.6	11.5	14.9	12.2	30.4	27.3	1.6	2.1
1926-1930-----	17.4	8.4	9.4	46.8	12.0	3.7	2.3	11.9	11.4	13.5	29.9	29.7	1.3	2.3
1931-1935-----	14.8	8.0	7.0	47.4	17.3	2.4	3.1	13.8	10.3	14.3	30.1	28.7	.9	1.9
1936-1940-----	16.2	9.0	9.9	41.4	16.6	2.7	4.2	14.8	9.9	13.6	25.3	31.6	1.5	3.3
1941-1945-----	12.9	5.7	5.0	56.4	8.0	3.6	8.4	27.1	16.8	22.8	8.2	13.6	5.3	6.2
1946-1950-----	16.0	11.8	14.1	34.8	15.4	1.6	5.2	21.5	14.3	22.2	15.2	18.7	2.5	5.6
1941-----	19.7	9.9	10.2	35.9	12.1	2.4	9.8	17.1	12.3	20.2	8.4	32.5	4.8	4.8
1942-----	16.8	5.9	4.7	49.6	8.5	4.5	10.1	26.6	13.8	23.5	8.0	12.3	8.4	7.4
1943-----	11.3	4.2	3.2	58.9	6.5	4.4	11.6	30.8	19.0	22.9	7.1	6.9	7.3	6.0
1944-----	10.2	4.4	3.8	65.7	7.0	2.9	6.0	32.5	19.3	23.7	7.4	8.2	3.3	5.7
1945-----	12.2	7.4	6.6	56.2	8.7	3.6	5.3	27.5	18.1	23.5	9.8	9.8	4.1	7.1
1946-----	15.0	11.0	11.8	42.3	13.6	1.2	5.0	18.4	14.8	22.6	16.3	17.9	3.7	6.2
1947-----	14.7	11.9	16.3	35.9	13.3	2.2	5.7	19.6	17.6	21.8	14.2	18.3	2.7	5.7
1948-----	15.4	11.5	15.1	33.8	16.8	1.2	6.2	22.4	13.3	21.9	15.7	18.9	2.3	5.5
1949-----	16.3	11.1	13.0	34.2	18.7	1.6	5.2	23.4	14.2	22.7	14.0	18.7	1.9	5.1
1950 ³ -----	19.4	13.8	13.1	28.2	14.6	1.3	3.4	22.2	12.9	22.2	15.7	19.2	2.4	5.6
1951 ³ -----	17.2	11.3	13.8	26.9	14.9	1.6	3.9	20.8	11.1	21.2	18.6	18.8	4.1	5.4

¹ Less than $\frac{1}{10}$ of 1 percent.

² Period July 1, 1915, to Dec. 31, 1920.

³ Percentages for individual continents are understated since basic continent data excludes, under security regulations, exports of Special Category commodities representing 6.2 percent of total exports in 1950, and 10.3 percent in 1951.

Source: Department of Commerce, Bureau of Census; annual report, *Foreign Commerce and Navigation of the United States*, and records.

No. 1026.—EXPORTS (INCLUDING REEXPORTS) AND GENERAL IMPORTS OF MERCHANDISE, BY COUNTRY OF DESTINATION AND ORIGIN:
1936 TO 1951

[In thousands of dollars. See also *Historical Statistics*, series M 87-102, for group totals, historically]

AREA AND COUNTRY	1936-40, average		1941-45, average		1946		1947		1948		1949		1950		1951	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
Grand total.....	3,219,581	2,482,030	10,051,075	3,514,080	9,738,321	4,942,053	14,429,747	5,756,333	12,653,058	7,123,877	12,051,108	6,622,390	10,275,102	8,852,161	15,020,408	10,961,550
North America.....	812,972	614,669	1,872,369	1,542,118	2,535,014	1,643,751	3,829,483	2,143,784	3,395,277	2,539,661	3,298,682	2,493,698	3,414,374	3,100,579	4,290,637	3,498,050
Northern Area.....	521,793	368,520	1,287,384	953,196	1,462,917	910,529	2,114,503	1,128,124	1,944,706	1,593,546	1,959,130	1,552,351	1,995,732	1,961,593	2,588,477	2,276,974
Greenland.....	155	784	1,149	2,568	724	828	621	1,565	158	210	137	313	43	1,036	212	2,327
Canada.....	512,717	359,562	1,277,864	935,879	1,441,614	883,388	2,073,747	1,095,102	1,912,175	1,563,613	1,940,418	1,551,037	1,995,496	1,960,467	2,588,237	2,274,594
Newfoundland and Labrador ^a	8,765	8,121	18,194	14,743	20,468	26,313	39,924	31,426	32,260	39,707	18,494	132	192	90	28	53
Miquelon and St. Pierre.....	157	53	178	112	8	213	213	113	16	16	132	132	132	132	132	132
Southern Area.....	291,178	246,139	574,985	588,917	1,072,097	733,222	1,714,979	1,015,661	1,450,572	946,114	1,339,502	941,348	1,418,642	1,138,987	1,702,160	1,221,076
Mexico.....	85,525	58,027	170,032	170,032	504,665	232,411	629,598	246,689	521,506	246,207	468,195	243,499	511,934	315,412	711,373	325,820
Central America.....	62,351	36,048	104,396	57,349	172,177	82,820	368,140	125,332	281,058	139,222	283,945	143,651	280,549	182,999	254,746	218,116
Guatemala.....	7,343	9,864	17,363	23,051	41,377	20,859	41,377	44,042	44,817	44,171	44,859	43,297	43,047	53,716	47,277	64,427
British Honduras.....	1,043	1,861	2,211	2,690	2,869	2,057	4,505	3,237	2,984	2,646	2,100	2,188	3,175	1,916	2,830	2,395
El Salvador.....	3,760	6,633	6,739	13,023	13,697	15,211	28,433	27,468	26,764	31,136	25,836	40,214	32,092	51,037	42,021	63,712
Honduras.....	5,973	6,799	8,055	7,016	19,737	9,414	11,577	27,269	13,196	33,590	15,217	23,436	20,182	33,868	23,592	33,868
Nicaragua.....	3,797	2,657	1,161	4,774	12,122	6,436	17,403	8,953	20,577	11,698	15,705	6,697	18,333	19,459	21,302	20,728
Costa Rica.....	6,855	3,807	11,880	8,358	22,629	10,604	33,053	28,622	22,938	26,948	22,365	16,363	26,384	24,613	31,641	28,142
Panama, Republic of.....	17,937	4,086	20,934	2,705	49,447	5,807	172,162	6,710	91,913	8,949	115,740	11,100	110,984	9,714	46,683	11,943
Panama Canal Zone.....	26,070	4,588	26,308	1,418	28,595	2,071	39,305	2,612	39,112	4,487	29,123	2,482	22,897	2,361	29,174	3,176
Bermuda and Caribbean.....	143,303	152,056	287,679	361,536	385,254	417,991	716,941	643,640	648,072	500,686	577,362	554,198	626,109	640,575	736,042	677,140
Bermuda.....	3,523	321	6,370	501	7,987	12,463	9,505	9,690	9,507	11,951	11,951	480	8,458	356	10,997	666
Bahamas.....	18,545	1,010	6,749	1,055	1,382	9,505	1,382	9,505	1,085	8,225	8,225	881	7,207	888	10,333	1,753
Cuba.....	151,213	271,704	271,704	324,418	491,843	500,024	491,843	500,024	440,966	374,900	380,282	387,540	456,173	406,404	539,737	417,777
Jamaica.....	4,844	1,496	7,542	3,651	11,975	2,091	23,901	1,439	12,948	1,833	10,354	2,054	8,282	2,307	16,606	2,909
Haiti.....	4,283	2,866	7,448	10,004	12,301	17,655	25,214	20,144	20,204	18,849	23,836	19,782	25,142	23,080	28,232	32,632
Dominican Republic.....	6,104	5,934	12,753	12,197	29,441	20,197	49,324	30,228	46,986	35,212	38,311	24,379	41,151	37,852	48,496	49,064
Leeward Islands.....	1,585	2,196	1,904	2,839	4,549	3,629	3,629	3,629	2,480	2,480	3,042	1,876	1,166	2,262	1,924	1,688
Windward Islands.....	1,355	2,963	1,355	2,963	1,355	2,963	1,355	2,963	1,355	2,963	1,355	2,963	1,355	2,963	1,355	2,963
Other British West Indies.....	3,479	1,359	17,053	17,053	2,240	1,509	4,429	481	2,506	141	2,028	104	1,057	403	1,600	396
Barbados.....	978	1,279	1,279	1,279	1,279	1,279	1,279	1,279	1,279	1,279	1,279	1,279	1,279	1,279	1,279	1,279
Trinidad and Tobago.....	7,323	2,352	18,324	3,632	9,056	2,232	19,373	3,079	14,275	5,398	15,432	5,405	5,862	9,004	8,920	10,317
Netherlands Antilles.....	30,236	18,897	29,325	54,153	34,535	46,228	66,925	72,965	81,512	120,048	75,939	111,407	69,053	157,827	68,053	159,364
French West Indies.....	2,063	203	6,373	2,191	7,973	3,376	9,415	5,809	5,809	51	7,361	200	2,527	193	1,124	575

South America.....		317, 400	337, 703	500, 039	801, 021	1,148,530	1,118,138	2,353,642	1,254,222	1,911,532	1,559,644	1,561,882	1,501,273	1,347,660	1,962,879	2,070,899	2,326,133
Northern Area.....		95, 300	78, 989	145, 277	141, 545	364, 558	283, 287	662, 051	391, 925	728, 490	522, 451	708, 458	533, 990	631, 214	651, 239	694, 855	703, 472
Colombia.....		482, 152	485, 289	87, 337	87, 337	140, 670	156, 569	265, 931	205, 628	179, 395	236, 474	175, 904	223, 143	293, 174	333, 174	226, 173	362, 070
Venezuela.....		50, 796	26, 853	76, 765	46, 955	211, 499	119, 557	496, 783	173, 400	516, 623	270, 761	518, 445	278, 062	392, 258	323, 565	455, 776	323, 937
British Guiana.....		1, 144	3, 626	3, 730	1, 326	6, 950	928	7, 826	1, 338	6, 352	1, 201	4, 924	1, 155	2, 755	1, 435	4, 576	1, 909
Surinam.....		1, 017	3, 185	6, 063	5, 893	8, 004	6, 103	7, 540	11, 453	7, 174	13, 884	8, 488	13, 288	6, 837	13, 034	8, 161	15, 533
French Guiana.....		192	44	510	34	625	69	973	11	1, 057	41	697	221	221	12	160	15
Western Area.....		55, 472	61, 071	107, 963	212, 743	182, 699	180, 781	285, 186	221, 969	238, 451	231, 705	297, 266	255, 204	188, 864	277, 888	355, 364	350, 826
Ecuador.....		4, 800	3, 640	11, 566	11, 820	22, 220	13, 219	39, 996	18, 463	30, 748	18, 885	32, 375	17, 087	27, 896	34, 372	34, 812	35, 737
Peru.....		18, 340	14, 053	34, 624	27, 031	61, 570	36, 365	91, 561	41, 701	66, 524	38, 585	86, 125	40, 177	70, 950	48, 754	114, 687	60, 748
Bolivia.....		5, 419	2, 129	12, 735	37, 527	21, 700	46, 897	28, 290	39, 505	35, 711	48, 846	36, 204	48, 468	19, 778	35, 261	39, 932	51, 120
Chile.....		26, 912	41, 249	49, 039	136, 365	77, 200	34, 309	125, 340	105, 468	179, 058	142, 862	70, 240	156, 500	70, 240	156, 500	165, 933	203, 220
Eastern Area.....		166, 628	197, 642	246, 800	446, 733	601, 033	654, 071	1,406,043	640, 327	944, 651	755, 489	556, 158	709, 079	527, 583	1,033,752	1,020,680	1,271,835
Brazil.....		74, 725	1, 352	169, 213	236, 305	396, 408	407, 704	643, 225	445, 669	497, 307	513, 007	382, 899	505, 979	343, 142	715, 260	699, 405	910, 147
Paraguay.....		8, 650	11, 559	1, 805	3, 948	5, 510	3, 751	7, 740	6, 233	4, 091	4, 091	7, 710	5, 887	3, 018	6, 246	4, 322	7, 008
Uruguay.....		83, 141	78, 149	56, 162	161, 402	191, 144	194, 380	679, 851	37, 583	60, 226	57, 725	34, 652	54, 035	39, 399	106, 117	83, 500	135, 073
Argentina.....		4	6	132	507	6	3	95	(¹)	380, 566	179, 765	130, 843	97, 523	141, 966	206, 060	233, 442	219, 587
Falkland Islands.....										20	(²)	23	23	27	69	12	21
Europe.....		1,332,708	627,065	5,676,543	287,826	4,122,338	804,326	5,187,322	820,036	4,279,188	1,121,123	4,118,159	925,052	2,893,324	1,387,445	4,042,865	2,040,386
Northwestern and Central Area.....		1,131,328	488,313	3,461,935	191,365	2,794,325	516,713	4,025,099	581,481	3,366,918	817,338	3,273,046	708,971	2,296,191	1,080,840	3,161,275	1,670,384
Iceland.....		621	1,478	15,016	4,182	11,631	5,958	15,749	3,094	10,238	3,982	8,389	2,217	5,780	4,397	6,907	8,404
Sweden.....		61,722	42,312	19,511	10,418	206,428	47,101	397,612	92,622	118,027	91,800	87,410	54,369	96,973	71,270	134,238	104,405
Norway.....		21,419	18,576	3,862	2,292	80,884	13,236	146,968	22,109	84,617	33,487	90,540	30,738	70,930	40,927	88,318	49,703
Denmark.....		17,089	3,855	1,057	70	37,932	4,276	77,932	5,133	53,800	5,951	92,008	6,584	54,605	12,159	65,861	20,597
Faroe Islands.....																	
United Kingdom.....		602,744	165,156	3,221,968	110,031	855,205	198,140	1,103,243	204,903	644,104	289,520	700,223	227,033	511,212	334,793	900,820	465,641
Ireland (Eire).....		12,988	1,630	7,308	1,740	28,177	2,213	88,819	2,785	34,983	2,664	62,000	1,632	44,580	2,488	52,864	7,066
Netherlands.....		74,980	34,441	16,431	1,229	236,859	22,942	383,733	26,477	309,166	43,571	283,364	69,281	224,598	84,576	287,295	130,615
Belgium and Luxembourg.....		64,135	53,638	27,032	5,644	278,115	77,306	534,606	58,619	308,588	103,555	367,747	94,186	265,800	139,773	376,688	215,505
France.....		172,453	58,766	98,670	4,016	709,147	62,807	817,154	691,198	73,093	497,057	61,484	334,432	131,678	327,205	363,438	263,438
Germany.....		76,413	38,712	451	1,072	52,776	3,138	124,328	6,284	862,722	31,725	822,112	46,464	439,427	104,179	519,304	229,068
Austria.....		2,133	3,912	(³)	6	4,474	74,640	4,380	146,373	8,970	150,962	10,516	10,516	10,516	10,516	106,721	26,280
Czechoslovakia.....		9,665	18,186	10,390	106	106,748	19,160	49,094	23,210	21,565	22,135	21,792	20,606	20,606	1,050	22,395	1,050
Hungary.....		2,051	3,238	24	33	12,859	328	12,859	1,613	1,786	3,477	1,865	3,477	1,865	3,477	1,865	2,642
Switzerland.....		13,811	25,684	40,813	40,521	108,205	98,597	194,371	83,880	171,511	105,781	142,566	93,092	128,000	109,743	193,408	133,905

¹ Total includes \$632,170,000 in 1950 and \$1,532,141,000 in 1951 not shown by continents due to security regulations. ² Newfoundland and Labrador included with Canada in 1950 and 1951 and for imports in 1949. ³ Canal Zone included for 1936 and 1937. ⁴ Average for 1938-40. ⁵ Bahamas, Leeward and Windward Islands combined as Western British West Indies prior to 1942; average for 1941-45 shown under Other British West Indies. ⁶ Average for 1942-46. ⁷ Less than \$500. ⁸ For statistical purposes, trade with Germany was defined to include (as far as ascertainable) trade with areas under de facto administrative control of Germany from the following dates to the close of World War II: Austria, May 6, 1938; Sudeten area of Czechoslovakia, Nov. 10, 1938; other Czechoslovak provinces (Bohemia, Moravia, and part of Slovakia), Mar. 18, 1939; Memel territory of Lithuania, Mar. 23, 1939; and Danzig and German-occupied

Poland, Nov. 16, 1939. Similarly, trade with that area of Czechoslovakia occupied by Hungary was defined to be trade with Hungary for those portions of Ruthenia and parts of Slovakia occupied Dec. 30, 1938, and Mar. 19, 1939, respectively. Trade with Czechoslovak area occupied by Poland was included with the Polish trade from Dec. 30, 1938, to Nov. 16, 1939. Though country classifications used in this table do not recognize de facto boundaries existing in certain geographic areas after World War II, statistics are primarily in terms of this situation. For example, certain shipments credited to U. S. S. R. should probably be credited to Estonia, Latvia, Russian-occupied Poland, etc., but when the country of ultimate destination or origin of merchandise in terms of prewar boundaries is not readily ascertainable, the de facto situation is reflected in the statistics. ⁹ Average for 1936-38.

[In thousands of dollars]

AREA AND COUNTRY	1935-40, average		1941-45, average		1946		1947		1948		1949		1950		1951	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
Europe—Con.																
Northeastern Area																
Finland	92, 111	53, 394	1,986, 187	38, 888	572, 879	112, 986	316, 097	316, 097	120, 140	127, 062	56, 319	69, 945	30, 440	84, 340	34, 514	93, 995
Estonia ¹	13, 904	15, 433	1, 721	252	31, 073	12, 163	69, 299	39, 808	36, 463	38, 973	26, 305	27, 409	20, 722	34, 905	33, 755	56, 167
Latvia ¹	1, 182	923		(¹)	2	4	8	(¹)	7	(¹)	17	(¹)		(¹)	3	11
Lithuania ¹	1, 234	753	7	1	1	12	2	(¹)	115	6	(¹)	10				
Poland and Danzig ¹	398	717	2	7	183, 263	253	107, 705	1, 335	55, 675	1, 249	23, 367	3, 335	8, 986	11, 136	701	10, 800
Union of Soviet Socialist Republics (Russia) ¹	17, 474	11, 346	16, 926	29							6, 617	39, 103	752	33, 206	55	27, 516
Southwestern Area																
Azores ¹⁰	57, 917	24, 223	1,967, 502	38, 598	388, 539	100, 548	149, 069	77, 102	27, 879	86, 825	576, 489	113, 307	432, 410	183, 755	629, 892	232, 492
Azores and Madeira Islands ¹⁰	92, 657	60, 017	178, 831	54, 364	476, 612	142, 094	627, 014	92, 826	535, 679	150, 907	576, 489	113, 307	432, 410	183, 755	629, 892	232, 492
			6480	256	466	887	3, 080	909	1, 290	511	921	474	1, 152	625	760	590
Spain	331	655	972	3, 397	42, 772	43, 327	32, 651	26, 887	26, 471	34, 533	50, 407	24, 316	43, 592	50, 256	111, 042	59, 721
Portugal	18, 718	13, 251	22, 402	29, 643	35, 939	23, 266	90, 499	20, 971	76, 157	19, 979	52, 652	13, 623	32, 870	20, 829	39, 045	29, 721
Gibraltar	12, 534	7, 450	13, 624	21, 850	80	20	1, 533	28	236	77	733	7	1, 314	15	2, 306	2
Malta, Gozo, and Cyprus ¹¹	255	4	1, 890	3												
Italy ¹²	60, 819	38, 655	135, 321	633	2, 206	678	4, 402	303	2, 193	1, 477	1, 877	3, 390	1, 800	3, 448	6, 199	3, 887
Free Territory of Trieste ¹³				1, 815	369, 768	63, 916	490, 759	43, 758	417, 905	94, 024	458, 002	70, 940	339, 935	108, 514	456, 248	140, 006
Aegean Islands ¹⁴																
Malta and Gozo ¹⁵			14, 6781	14, 210	1, 251		90		11, 517	5	11, 897	17	11, 629	68	13, 601	196
Southeastern Area																
Yugoslavia	16, 612	25, 360	46, 620	3, 210	278, 541	32, 533	219, 112	27, 485	256, 552	25, 816	212, 306	32, 829	134, 263	38, 510	217, 274	43, 516
Albania	2, 628	4, 234	18, 223	258	126, 614	1, 225	31, 490	5, 760	8, 017	3, 023	20, 928	14, 851	39, 876	18, 718	119, 642	21, 773
Greece ¹⁶	1, 153	133	1, 384	5	4, 334	5	4, 556	8	344		127		169	43	3	2
Rumania	7, 241	15, 619	26, 790	2, 026	143, 645	23, 695	166, 517	16, 631	238, 462	19, 480	186, 653	15, 729	91, 353	17, 113	97, 209	20, 900
Bulgaria	5, 545	2, 671	(¹)	12	2, 028	56	15, 079	16, 435	7, 642	19, 480	3, 209	584	2, 009	287	390	322
Cyprus ¹⁷	508	1, 816	76	913	1, 930	7, 588	1, 471	4, 661	2, 086	831	1, 389	1, 664	857	2, 348	30	519
Malta, Gozo, and Cyprus ¹¹	536	887		14, 727												

Asia	535,283	784,989	799,063	478,314	1,826,870	886,946	1,917,504	1,055,195	2,129,566	1,346,073	2,255,765	1,239,488	1,504,990	1,699,457	2,240,351	2,057,837
Western Area	28,841	31,172	118,098	77,175	131,132	184,737	303,787	107,287	358,557	169,106	504,956	170,131	277,234	213,694	356,503	267,201
Turkey	10,189	16,070	77,456	36,374	63,082	68,366	82,153	57,225	100,836	49,977	120,619	59,110	56,110	61,455	60,106	76,427
Syria	2,297	3,022	2,895	1,557	17,115	8,497	43,151	7,777	6,971	4,586	4,864	3,816	10,034	11,974	21,829	28,536
Lebanon ¹⁰																
Iran (Persia)	2,823	5,355	40,644	6,723	14,019	14,210	14,019	5,162	11,806	10,493	41,143	2,072	26,283	4,185	27,833	8,733
Palestine and Trans-Jordan ¹⁰	6,113	5,130	20,072	10,097	21,851	31,252	33,988	23,400	43,650	26,692	113,547	16,413	33,157	12,461	28,777	19,669
Israel and Palestine ¹⁰	4,282	389	9,246	8,299	18,618	22,865	31,689	5,105							34,576	34,500
Jordan ¹⁰									29,166	5,194	79,152	5,986	91,538	7,957	107,181	11,754
Arabia									2,640		2,099	1	981	8	2,897	
States ¹⁰	2,879	640		790					33,268	12,599	22,576	38,850	3,179	41,772	6,122	34,004
Kuwait ¹⁰									83,974	16,150	84,836	19,871	32,131	24,365	53,350	29,933
Saudi Arabia ¹⁰																
Arabia Peninsula States, e. s. ¹⁰	258	507			928	1,260	675	2,101	330	1,689	673	1,653	68	2,274	105	2,564
Aden of Bahrain ¹⁰					60	32	2,761	433	760	1,87	650	61	250	46	974	198
State of Bahrain ¹⁰					2,915	781	6,761	1,931	13,968	1,681	19,787	357	7,071	2,436	7,731	1,468
Afghanistan ¹⁰					6,086	35,778	6,086	2,923	4,314	44,886	2,532	1,799	3,783	21,081	5,391	20,218
Southern and South-Southern Area	185,520	505,212	583,836	358,040	581,639	526,814	1,000,088	790,947	1,012,658	986,181	973,643	872,905	618,011	1,146,145	1,173,343	1,520,473
India ²⁰	43,047	78,648	457,151	132,107	181,083	237,834	401,088	253,763	298,216	265,120	255,249	238,845	212,480	259,120	464,333	296,455
Pakistan ²⁰	1,584	20,305	39,636	45,443	10,180	11,942	46,698	29,762	19,374	62,812	18,671	34,387	30,394	31,400	49,340	44,178
Ceylon	4,812	4,835	4,322	596	2,545	1,074	5,590	29,370	4,525	1,701	1,921	1,213	897	66,218	19,249	49,340
Burma ²⁰	4,658	591	1,585	433	7,559	7,403	13,330	19,404	16,380	52,508	31,571	48,008	25,020	75,192	49,628	137,426
Siam (Thailand)																
French Indo-China and French India ²⁰	4,609	8,118	1,002	2,107	8,069	41,840	23,690	4,291	14,305	3,344	18,232	1,133	8,689	11,124	26,571	14,501
British Malaya ²⁰	9,663	188,088	10,782	70,429	14,003	129,079	65,752	284,112	81,998	293,244	37,627	193,550	19,740	310,015	57,808	425,409
Indonesia	31,104	103,158	38,916	68,356	57,966	37,292	103,591	37,243	92,273	86,557	124,478	120,375	78,453	155,672	101,756	266,202
Republic of Philippines ²⁰	85,020	100,716	30,203	21,852	297,439	39,912	439,519	161,725	467,777	223,117	439,195	204,738	294,955	235,962	350,342	283,385
Portuguese Asia ²⁰					2,165	435	827			768	524	866	510			1,616
Southern and Southeastern Asia, e. s. ¹⁰	2,947	5,085		6179	20											
Eastern Area	320,922	248,604	97,129	43,099	614,098	175,399	513,629	156,961	753,351	190,786	777,166	196,451	609,748	339,618	710,504	270,213
China ²⁰	52,965	75,975	77,525	26,512	464,946	92,729	353,498	116,705	273,398	120,343	82,073	106,351	38,503	145,844	(?)	44,808
Manchuria ²⁰					54	14	28							8,676	633	1,679
Korea ²⁰					266	35	1,235	2,167	70,052	3,081	52,305	1,374	22,525	5,369	43,986	2,696
Hong Kong	17,122	5,577	6,642	629	46,654	1,481	89,479	2,401	84,138	3,651	121,228	1,252	3,399	23,791	8,202	9,202
Taiwan (Formosa) ²⁰					115	(?)	9,236	235	5,962	1,116	53,440	1,706	22,870	5,322	41,053	6,026
Kwantung	12,445	2,593	382	222	79											
Japan ²⁰	238,390	104,459	12,570	15,736	102,161	81,139	80,075	35,403	324,739	92,730	467,521	81,992	416,418	182,062	596,674	205,801

⁴ Average for 1938-40. ⁵ Less than \$500. ⁶ See footnote 8. ⁷ Average for 1942-45. ⁸ Average for 1942-45. ⁹ Average for 1942-45. ¹⁰ Average for 1942-45. ¹¹ Average for 1942-45. ¹² Average for 1942-45. ¹³ Average for 1942-45. ¹⁴ Average for 1942-45. ¹⁵ Average for 1942-45. ¹⁶ Average for 1942-45. ¹⁷ Average for 1942-45. ¹⁸ Average for 1942-45. ¹⁹ Average for 1942-45. ²⁰ Average for 1942-45.

bined prior to 1948; Israel and Palestine called Palestine, and Jordan called Trans-Jordan prior 1950. ¹⁰ Aden included with Arabia Peninsula States prior to 1942, thereafter included with Aden. ¹¹ Kuwait, Saudi Arabia, and Arabia Peninsula States, e. s., included with Arabia Peninsula States prior to 1945. ¹² State of Bahrain and Afghanistan included with Arabia, Southern and Southeastern Asia, e. s., prior to 1942. ¹³ Burma included with India prior to 1938. ¹⁴ French India included with India prior to 1945. ¹⁵ ¹⁶ Pakistan included with India prior to 1948. ¹⁷ ¹⁸ Called Philippine Islands prior July 4, 1946. ¹⁹ ²⁰ Portuguese Asia included with Southern and Southeastern Asia, e. s., prior to 1945. ²¹ ²² Manchuria included with China prior to 1945. ²³ Korea and Formosa included with Japan prior to 1945. ²⁴ Japanese Mandated Islands included with Japan prior to 1942.

Western British Africa:	3,425	13,309	17,405	13,758	3,751	23,300	10,510	52,166	6,293	74,426	6,743	50,830	5,647	61,338	7,681	88,269
Gold Coast.....	2,616	7,376	8,076	8,645	6,407	12,116	21,787	31,386	9,542	31,073	6,903	30,472	5,766	34,838	9,063	49,021
Nigeria.....																
Sierra Leone and Dependencies ^{3a}																
Other Brit. W. Africa ^{3a}																
British West Africa, n. e. ^{3a}	364	616	5,176	994	922	1,131	3,463	1,136	1,133	849	1,236	1,069	531	3,549	680	3,154
Western Portuguese Africa:																
Madeira Islands ¹⁰			5,531	3,722	963	8,888	2,261	3,349	2,224	3,045	1,358	2,860	1,722	2,801	1,504	2,988
Cape Verde Islands ¹⁷			6,164	69	347	1	1,061		7,416	5,231	8,799	7,195	7,025	13,104	9,635	24,557
Angola ²¹																
Portuguese Guinea and Angola ²⁷																
Western Portuguese Africa, n. e. ³⁷			51,223	2,260	3,032	8,980	9,252	9,816	934	800	618	358	482	1,361	676	2,603
Other Portuguese Africa ³⁷																
Liberia.....	1,208	543	2,899	7,336	4,493	12,875	6,689	11,350	7,583	13,054	51,852	10,752	24,373	20,974	21,806	44,378
Belgian Congo.....	904	1,558	19,259	41,879	23,791	19,155	49,985	32,539	49,024	33,013	48,387	36,288	39,782	45,991	60,598	61,992
Eastern Area:	12,665	7,992	24,781	20,218	28,587	27,810	64,508	28,651	45,822	27,705	44,902	40,313	21,302	50,951	27,695	69,753
Ethiopia (Abyssinia) ⁴¹	327	213	491	351	351	1,654	1,449	1,449	1,449	1,260	1,088	796	1,000	1,000	1,147	1,466
Somalia ⁴²	102	399	472	726	712	3,470	8,085	5,583	4,677	7,187	3,718	8,330	2,755	12,285	4,180	20,178
British Somaliland ⁴³			528	51	182	(7)	9	9	563	94	509	68	792	41	1,400	73
Seychelles and Dependencies ⁴⁴			4	530	(7)	2,302	2	1,870	4	1,973	5	999	1	1,080	45	1,137
Mauritius and Dependencies ⁴⁵			2	97	1	584	10	140	13	28	24	138	13	95	1	19
British East Africa ⁴⁶			393	(7)	351	1	804	6	1,093	(7)	990	7	5,977	12	308	34,925
Mozambique.....	7,345	1,640	19,209	11,538	10,559	9,604	29,609	9,372	14,807	11,306	16,757	21,280	5,970	24,036	8,120	5,466
Madagascar.....	415		2,349	2,177	8,062	2,000	18,173	1,576	17,783	3,009	16,808	5,387	7,411	3,218	10,368	6,488
Southern Area:	81,901	27,002	146,904	98,976	238,512	156,610	434,162	114,921	500,896	147,423	276,262	131,710	126,249	179,761	258,309	164,411
Union of South Africa ⁴⁷	80,356	22,472	139,782	88,743	228,338	150,211	413,938	111,119	492,111	158,243	260,922	119,399	116,573	141,590	247,076	137,520
Northern Rhodesia ⁴⁸			1,504	4,307	721	2,451	1,813	318	2,637	9,265	3,357	9,569	2,102	30,892	2,911	18,201
Southern Rhodesia ⁴⁹			6,775	6,777	7,900	3,821	18,358	3,476	6,093	5,827	6,856	5,694	4,262	6,064	8,255	8,445
So. Brit. Africa ⁴⁹			6,775	6,777	7,900	3,821	18,358	3,476	6,093	5,827	6,856	5,694	4,262	6,064	8,255	8,445
Other Brit. So. Afr. ⁴⁹	1,515	4,530		80	1,554	27	73		35	106	17	78	6	345	66	246

^a Average for 1942-45. ¹⁰ Less than \$500. ¹⁷ Azores and Madeira Islands combined prior to 1942. Thereafter, Azores shown separately and Madeira Islands transferred from southwestern Europe to Western Portuguese Africa; average for 1941-45 shown under Azores and Madeira Islands. ²¹ Average for 1942-44. ²⁷ Japanese Mandated Islands included with Japan prior to 1942. ^{3a} New Hebrides included with British Oceania prior to 1945. ³⁷ New Hebrides and British Oceania combined in 1943 and designated British Western Pacific Islands. ⁴¹ Called French Oceania prior to 1945. ⁴² Japanese Mandated Islands redesignated Western Pacific Islands in 1948. ⁴³ French Morocco and Tangier combined as Morocco prior to 1942. ⁴⁴ Spanish Morocco, Rio de Oro, and Spanish Guinea known as Other Spanish Africa prior to 1942; beginning with 1945, combined as Spanish Africa, n. e. ⁴⁵ Libya included with Eastern Italian Africa prior to 1942. ⁴⁶ Cameroons, French Equatorial Africa, French West Africa, and French Somaliland known as Other French Africa, n. e. s. prior to 1942. ⁴⁷ St. Helena and

Dependencies, Gambia, and Sierra Leone known as Other British West Africa prior to 1942 and as British West Africa, n. e. s. beginning with 1948. ⁴⁸ Cape Verde Islands, Portuguese Guinea, and Angola known as Other Portuguese Africa prior to 1942; beginning with 1945, Angola shown separately and Cape Verde Islands and Portuguese Guinea combined as Portuguese Guinea, n. e. s. (designated Western Portuguese Africa, n. e. s. beginning 1960). ⁴⁹ Nyassaland included with Other British South Africa prior to 1942 and with British East Africa thereafter. ^{5a} Basutoland and Swaziland included with Union of South Africa prior to 1942 and with Southern British Africa thereafter. ^{5b} Northern Rhodesia, Southern Rhodesia, and Southern British Africa known as Other British South Africa prior to 1942.

Sources: Department of Commerce, Bureau of Census; annual report, *Foreign Commerce and Navigation of the United States*, and records.

**No. 1027.—EXPORTS (INCLUDING REEXPORTS) AND IMPORTS OF MERCHANDISE,
1948, 1949, AND 1950, AND DUTIES COLLECTED, 1950, BY CUSTOMS DISTRICTS**

[In thousands of dollars]

CUSTOMS DISTRICT	EXPORTS, DOMESTIC AND FOREIGN			IMPORTS FOR CONSUMPTION			Duties collected, 1950 ²
	1948	1949	1950 ¹	1948	1949	1950	
Total	\$12,653,058	\$12,051,108	\$10,275,102	7,092,032	6,591,640	8,743,082	535,995
Maine and New Hampshire	27,622	27,487	23,203	70,956	60,851	73,327	2,273
Vermont	101,186	96,109	86,116	141,275	124,163	169,353	3,780
Massachusetts	(³)	(⁴)	(⁴)	422,735	358,574	586,066	67,416
Rhode Island	(⁴)	(⁴)	(⁴)	32,018	23,420	31,698	4,502
Connecticut	(⁴)	(⁴)	(⁴)	13,484	9,776	20,853	1,539
St. Lawrence	202,923	189,687	179,048	175,601	165,437	202,846	7,814
Rochester	32,988	20,514	23,934	10,425	7,417	7,187	928
Buffalo	386,803	390,296	385,647	236,338	231,065	203,822	9,685
New York	(⁴)	(⁴)	(⁴)	2,818,212	2,442,279	3,380,369	229,984
Philadelphia	(⁴)	(⁴)	(⁴)	487,297	474,405	667,219	38,990
Pittsburgh	13	894	97	15,104	14,054	25,916	3,926
Maryland	(⁴)	(⁴)	(⁴)	241,697	239,976	287,844	13,162
Virginia	(⁴)	(⁴)	(⁴)	105,483	94,097	104,829	10,164
North Carolina	(⁴)	(⁴)	(⁴)	39,098	35,574	41,043	10,137
South Carolina	(⁴)	(⁴)	(⁴)	17,154	16,667	39,605	2,624
Georgia	(⁴)	(⁴)	(⁴)	46,275	45,744	46,946	3,603
Florida	(⁴)	(⁴)	(⁴)	84,252	85,682	110,353	6,811
Mobile	(⁴)	(⁴)	(⁴)	33,149	29,835	49,175	1,233
New Orleans	(⁴)	(⁴)	(⁴)	424,401	417,125	509,640	16,244
Sabine	(⁴)	(⁴)	(⁴)	9,697	31,305	3,024	70
Galveston	(⁴)	(⁴)	(⁴)	173,806	201,068	209,913	7,234
Laredo	324,665	304,245	301,474	54,246	61,133	72,817	0,241
El Paso	35,641	32,427	32,516	15,335	22,843	24,978	924
San Diego	24,405	36,195	40,717	13,473	11,307	12,992	683
Arizona	30,739	22,966	21,935	44,013	28,989	24,390	2,092
Los Angeles	(⁴)	(⁴)	(⁴)	144,775	151,417	214,494	9,709
San Francisco	(⁴)	(⁴)	(⁴)	184,104	211,447	269,792	11,485
Oregon	(⁴)	(⁴)	(⁴)	18,077	16,764	25,833	1,570
Washington	185,583	150,308	116,592	146,713	140,973	184,798	5,863
Alaska	2,409	2,600	2,524	2,779	1,397	994	64
Hawaii	6,705	3,462	2,224	12,736	16,007	13,587	1,270
Montana and Idaho	31,042	35,081	28,589	16,442	14,765	28,140	1,262
Dakota	129,808	140,838	131,121	132,135	123,330	158,970	4,733
Minnesota	2,877	3,822	3,364	23,108	17,744	21,458	1,816
Duluth and Superior	44,006	55,785	70,708	81,215	69,752	94,396	1,225
Wisconsin	8,329	12,138	15,293	20,056	28,961	34,529	1,521
Michigan	638,609	688,836	727,231	403,199	395,131	479,377	17,485
Chicago	31,341	42,874	51,431	70,351	82,217	97,481	11,589
Indiana	110	100	60	4,856	4,349	4,812	1,124
Ohio	144,768	106,905	145,200	40,418	36,628	55,853	7,302
Kentucky	2	(⁵)	9	2,298	2,314	2,615	405
Tennessee	4	22	7	2,031	1,387	1,423	398
St. Louis	27	724	1	16,204	17,156	24,409	3,943
Colorado	1	34	9	2,511	2,373	3,297	174
Puerto Rico	6,325	8,571	29,047	24,203	24,708	30,541	8,338
Virgin Islands ¹	560	806	769	1,800	1,791	1,679	58
Vessels under own power or a float	248,282	171,012	117,510	18,166	22	30	
Shipments valued under \$100 ⁶	88,444	122,515	113,980				
Parcel Post	(⁴)	(⁴)	(⁴)				
Shipments on vessels operated by U. S. Army or Navy	1,147,146	1,003,788	190,756				

¹ Customs district data exclude certain commodity shipments under security regulations.

² As reported to Treasury Department by collectors of customs, subject in certain cases to subsequent refund as well as drawback. These figures are somewhat higher than duties as calculated on basis of imports for consumption (see table 1029).

³ Includes \$8,760,255,000 in 1948, \$8,380,874,000 in 1949, and \$7,434,762,000 in 1950, not shown by districts.

⁴ Data not individually reported.

⁵ Less than \$500.

⁶ Duties less cost of collection are turned into the Island's treasury; excluded from totals.

⁷ Excluded from totals; not part of U. S. customs area, assessed under tariff law of Virgin Islands.

⁸ For January-July 1948, export shipments individually valued under \$50, except shipments by air; after July 1948, export shipments individually valued under \$100.

Source: Department of Commerce, Bureau of the Census; annual report, *Foreign Commerce and Navigation of the United States*, and records.

No. 1028.—EXPORTS (INCLUDING REEXPORTS) AND IMPORTS OF MERCHANDISE,
BY PRINCIPAL CUSTOMS DISTRICTS: 1860 TO 1951

[In thousands of dollars. For basis of dollar values, except export figures for 1870-78, see general note, p. 825. Export figures for those years represent mixed gold and currency values. Figures cover fiscal years to and including 1915; thereafter, calendar years. Import data are "general imports" through 1933; "imports for consumption" thereafter. Areas of districts were rearranged July 1, 1913. Prior to that date some of the districts were more restricted. However, in most cases this change only slightly affects the comparability of the figures. Prior to 1914 the statistics given in the table for Buffalo include the (former) districts of Buffalo Creek and Niagara; those for Michigan include the (former) districts of Superior, Huron, and Detroit; and those for Massachusetts and Maryland were the former districts of Boston and Baltimore, respectively.]

YEAR OR YEARLY AVERAGE	MASSACHUSETTS		NEW YORK		PHILADELPHIA		MARYLAND		GEORGIA	
	Ex- ports	Imports	Exports	Imports	Exports	Imports	Exports	Im- ports	Exports	Im- ports
1860-----	12,748	30,334	80,048	231,310	5,527	14,612	8,940	9,781	18,352	782
1870-----	14,126	47,484	196,615	281,049	16,928	14,483	14,511	19,512	29,747	1,002
1871-1880-----	36,440	52,450	289,782	357,431	35,205	23,585	35,819	23,532	25,670	646
1881-1890-----	63,136	63,638	339,771	460,476	36,094	38,479	51,332	13,335	22,405	628
1891-1900-----	97,361	68,768	397,236	490,204	49,964	50,451	86,875	13,632	26,117	382
1901-1910-----	95,423	96,670	575,272	697,726	81,215	64,125	90,213	26,232	56,233	1,643
1911-1915-----	76,794	141,012	913,312	975,410	74,238	86,261	107,095	30,196	84,022	4,882
1915-1920 ¹ -----	217,236	273,049	2,912,529	1,703,482	415,261	144,849	320,396	42,282	139,775	16,745
1921-1925-----	63,559	257,227	1,611,328	1,675,784	117,833	182,857	113,995	77,686	71,832	19,714
1926-1930-----	40,666	267,496	1,689,191	1,967,949	100,406	205,098	93,543	109,108	73,099	17,814
1931-1935-----	18,804	95,799	675,065	866,790	55,625	100,712	32,199	55,312	24,657	9,320
1936-1940-----	23,743	157,458	1,294,347	1,210,233	90,647	145,182	98,031	79,559	22,692	12,533
1941-1945-----	80,055	196,323	4,295,688	1,278,003	838,370	173,135	561,752	93,932	143,978	27,000
1946-1950 ² -----	³ 74,392	407,458	³ 5,023,493	2,650,763	³ 307,869	453,097	³ 436,607	225,325	³ 79,180	41,404
1942-----	129,370	191,723	3,804,147	970,856	567,983	109,662	266,344	62,125	15,707	8,854
1943-----	103,861	172,264	5,016,109	1,146,831	1,330,890	148,566	819,236	83,018	149,326	25,341
1944-----	55,508	152,451	5,938,435	1,276,909	1,450,661	205,122	1,078,725	101,338	366,526	37,146
1945-----	68,536	208,274	4,019,929	1,477,546	690,098	236,522	498,996	117,906	151,691	50,890
1946-----	66,062	307,549	4,016,164	2,291,371	306,550	255,892	344,661	147,527	94,834	21,720
1947-----	82,722	362,367	6,030,822	2,321,584	489,187	380,670	528,053	209,579	65,525	46,636
1948-----	(⁴)	422,735	(⁴)	2,818,212	(⁴)	487,297	(⁴)	241,697	(⁴)	46,275
1949-----	(⁴)	358,574	(⁴)	2,442,279	(⁴)	474,405	(⁴)	239,976	(⁴)	45,744
1950 ² -----	(⁴)	586,066	(⁴)	3,380,369	(⁴)	667,219	(⁴)	287,844	(⁴)	46,946
1951 ² -----	77,592	880,605	4,288,079	3,985,231	400,665	777,821	483,540	373,927	53,928	53,886

YEAR OR YEARLY AVERAGE	NEW ORLEANS		GALVESTON		BUFFALO		CHICAGO		MICHIGAN	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
1860-----	108,165	20,636	5,772	533	3,049	4,850	1,165	60	3,827	961
1870-----	107,587	14,377	14,874	509	353	9,275	2,613	786	3,116	1,736
1871-1880-----	84,785	13,245	15,491	1,384	659	6,562	4,221	693	8,115	2,728
1881-1890-----	86,612	11,185	19,665	1,323	448	9,115	2,618	7,489	14,817	5,256
1891-1900-----	96,730	16,208	61,070	1,081	9,875	6,550	3,925	14,395	21,374	5,845
1901-1910-----	150,173	37,080	180,182	3,385	39,122	10,514	4,804	21,458	50,891	10,700
1911-1915-----	179,038	78,668	241,254	7,611	82,712	24,321	10,341	32,000	102,360	20,967
1915-1920 ¹ -----	428,107	149,070	346,984	15,930	198,638	88,161	21,379	40,117	294,375	61,893
1921-1925-----	391,942	167,731	523,904	30,066	162,606	77,517	27,981	46,066	211,729	76,859
1926-1930-----	363,633	201,668	548,254	31,593	209,103	136,663	11,865	48,914	292,545	93,297
1931-1935-----	141,711	84,747	256,703	15,581	70,602	52,785	4,288	28,959	113,056	47,688
1936-1940-----	197,285	111,548	250,814	27,650	113,001	78,792	18,758	41,357	183,157	72,632
1941-1945-----	304,441	240,841	210,506	60,932	288,584	210,270	12,296	42,200	578,857	201,593
1946-1950 ² -----	³ 744,026	387,155	³ 781,967	155,891	384,520	216,306	33,957	74,459	646,603	353,006
1942-----	263,399	221,662	107,684	82,545	308,934	147,727	11,352	34,657	611,533	155,841
1943-----	398,206	258,906	180,898	40,860	334,878	294,225	8,629	34,021	629,848	223,487
1944-----	285,790	264,378	262,985	69,725	299,867	290,951	20,852	62,490	752,763	220,891
1945-----	395,809	288,004	417,846	62,089	265,046	200,726	9,942	47,314	555,655	302,274
1946-----	668,845	228,041	729,337	83,099	318,789	153,170	16,110	66,670	480,432	208,656
1947-----	919,207	355,588	834,097	111,422	441,065	167,135	28,031	55,574	697,906	278,667
1948-----	(⁴)	424,401	(⁴)	173,806	386,803	236,338	31,341	70,351	638,099	409,199
1949-----	(⁴)	417,125	(⁴)	201,068	390,296	231,065	42,874	82,217	688,836	395,131
1950 ² -----	(⁴)	509,640	(⁴)	209,913	385,647	293,822	61,431	97,481	727,231	479,377
1951 ² -----	1,116,220	695,033	1,213,770	336,172	522,660	400,200	53,663	124,833	973,719	562,135

¹ Period July 1, 1915, to Dec. 31, 1920.

² Export data exclude certain commodity shipments under security regulations.

³ Average for 1946 and 1947.

⁴ Customs district data not available.

No. 1028.—EXPORTS (INCLUDING REEXPORTS) AND IMPORTS OF MERCHANDISE, BY PRINCIPAL CUSTOMS DISTRICTS: 1860 TO 1951—Continued

[In thousands of dollars]

YEAR OR YEARLY AVERAGE	SAN FRANCISCO		WASHINGTON		YEAR OR YEARLY AVERAGE	SAN FRANCISCO		WASHINGTON	
	Ex- ports	Im- ports	Ex- ports	Im- ports		Ex- ports	Im- ports	Ex- ports	Im- ports
1860.....	4,868	7,367	—	—	1941-1945.....	328,645	83,972	214,188	78,802
1870.....	13,992	15,983	428	35	1946-1950 ²	347,288	138,514	162,685	127,880
1871-1880.....	23,507	27,629	493	32	1941.....	145,203	113,218	58,802	58,573
1881-1890.....	37,388	41,726	2,178	263	1942.....	303,600	98,074	90,626	56,361
1891-1900.....	34,486	42,000	9,788	3,734	1943.....	677,022	88,038	388,208	71,329
1901-1910.....	35,255	43,707	34,638	16,658	1944.....	304,255	64,476	310,879	115,072
1911-1915.....	60,154	63,760	57,711	50,200	1945.....	213,143	56,052	222,427	92,677
1915-1920 ¹	186,317	197,613	222,702	206,862	1946.....	297,117	102,651	136,291	65,786
1921-1925.....	158,275	155,500	110,361	214,213	1947.....	397,459	174,575	224,651	101,132
1926-1930.....	183,286	195,321	136,886	212,134	1948.....	(³)	184,104	185,583	146,713
1931-1935.....	95,950	65,233	48,974	35,216	1949.....	(³)	211,447	150,308	140,973
1936-1940.....	120,922	74,986	77,816	36,543	1950 ²	(³)	269,792	116,592	184,798
					1951 ²	374,410	333,541	247,499	217,750

¹ Period July 1, 1915, to Dec. 31, 1920.² Export data exclude certain commodity shipments under security regulations.³ Average for 1946 and 1947.⁴ Customs district data not available.

Source: Department of Commerce, Bureau of Census; annual report, *Foreign Commerce and Navigation of the United States*, and records.

No. 1029.—IMPORTS ENTERED FOR CONSUMPTION AND DUTIES THEREON: 1821 TO 1951

[For basis of dollar values, see general note, p. 825. From 1821 to 1866, inclusive, figures of import values represent total imports less reexports, and for 1897 and later years imports entered for consumption. "Ratio of duties to total" is based upon values of imports shown in table. Figures cover fiscal years ending Sept. 30, 1821 to 1842, and June 30, 1843 to 1915; calendar years thereafter. See also *Historical Statistics*, series M 68-74]

YEARLY AVERAGE OR YEAR	VALUES				Duties calculated	RATIO OF DUTIES TO TOTAL		Amount duties per capita
	Total	Free	Dutiable	Percent free		Free and dutiable	Dutiable	
	1,000 dollars	1,000 dollars	1,000 dollars			Percent	Percent	
1821-1830.....	56,749	3,325	53,424	5.86	26,282	46.31	49.20	2.32
1831-1840.....	104,139	39,680	64,459	38.10	24,509	23.53	38.02	1.63
1841-1850.....	110,561	20,347	90,214	18.40	26,738	24.18	29.64	1.32
1851-1860.....	267,871	40,685	227,186	15.19	54,511	20.35	23.99	1.99
1861-1870.....	315,637	35,676	279,961	11.30	120,042	38.03	42.88	3.32
1871-1880.....	522,653	133,480	389,173	25.54	163,201	31.23	41.94	3.58
1881-1890.....	682,681	220,986	461,695	32.37	205,580	30.11	44.53	3.59
1891-1900.....	749,584	371,837	377,747	49.61	177,580	23.69	47.01	2.53
1901-1910.....	1,142,514	522,123	620,391	45.70	280,955	24.59	45.29	3.32
1911-1915.....	1,698,028	966,141	731,887	56.89	283,408	16.69	38.72	2.91
1915-1920 ¹	3,289,748	2,262,412	1,027,336	68.77	227,035	6.90	22.10	2.17
1921-1925.....	3,422,748	2,088,932	1,333,816	61.03	478,911	13.99	35.90	4.22
1926-1930.....	4,020,360	2,645,610	1,374,740	65.81	550,743	13.70	40.06	4.52
1931-1935.....	1,704,294	1,075,585	628,709	63.11	314,477	18.45	50.02	2.46
1936-1940.....	2,440,042	1,475,825	964,217	60.48	365,151	14.96	37.87	2.76
1941-1945.....	3,475,593	2,293,945	1,181,648	66.00	879,704	10.92	32.13	2.73
1946-1950.....	6,583,595	3,842,818	2,740,777	58.37	(²)	(²)	(²)	(²)
1942.....	2,780,317	1,778,623	1,001,693	63.97	320,117	11.51	31.96	2.33
1943.....	3,390,101	2,192,852	1,197,249	64.68	392,540	11.57	32.79	2.82
1944.....	3,887,490	2,717,986	1,169,504	69.92	367,286	9.45	31.41	2.60
1945.....	4,098,101	2,749,345	1,348,756	67.09	380,827	9.29	28.24	2.67
1946.....	4,824,902	2,924,955	1,899,946	60.83	477,854	9.90	25.28	3.32
1947.....	5,666,321	3,454,647	2,211,674	60.97	(²)	(²)	(²)	(²)
1948.....	7,092,032	4,174,523	2,917,509	58.86	(²)	(²)	(²)	(²)
1949.....	6,591,640	3,883,186	2,708,454	58.91	(²)	(²)	(²)	(²)
1950.....	8,743,082	4,766,778	3,976,304	54.52	(²)	(²)	(²)	(²)
1951.....	10,812,961	5,992,946	4,820,015	55.42	(²)	(²)	(²)	(²)

¹ Period July 1, 1915, to Dec. 31, 1920.² Based on estimated population including armed forces overseas.³ Not available.

Source: Department of Commerce, Bureau of Census; annual report, *Foreign Commerce and Navigation of the United States*, and records.

No. 1030.—IMPORTED DUTIABLE MERCHANDISE ENTERED FOR CONSUMPTION—
VALUES, CALCULATED DUTIES, AND AVERAGE RATE OF DUTY, BY TARIFF SCHEDULES: 1933 TO 1950

[All figures except percentages in thousands of dollars. For basis of dollar values, see general note, p. 825. Includes articles on which countervailing and antidumping duties are assessed. Free list commodities taxable under revenue acts excluded from various schedules since 1931. Percents represent average ad valorem rate or ratio of duties to values of dutiable merchandise]

YEAR	Values	Duties	Per-cent	Values	Duties	Per-cent	Values	Duties	Per-cent
	Schedule 1.—Chemicals, oils, and paints			Schedule 2.—Earths, earthenware, and glassware			Schedule 3.—Metals and manufactures		
1933	42,296	18,286	43.23	16,444	9,012	54.80	45,116	17,081	37.86
1934	45,438	17,375	38.24	19,195	10,675	55.61	57,802	20,284	35.09
1935	66,105	28,205	42.67	22,853	11,636	50.92	68,013	23,305	34.27
1936	69,317	25,349	36.57	28,104	13,620	48.46	94,776	29,496	31.12
1937	83,316	29,265	35.13	36,954	18,067	48.89	114,020	37,135	32.57
1938	51,958	19,417	37.37	24,693	11,049	44.75	68,172	21,493	31.53
1939	56,586	19,634	34.70	25,369	10,794	42.55	89,728	25,749	28.70
1940	41,204	12,356	29.99	22,336	8,806	39.43	102,303	31,161	30.46
1941	48,695	13,291	27.29	25,857	7,742	29.94	126,095	43,435	34.45
1942	47,203	10,621	22.50	19,031	4,786	25.15	102,300	28,040	27.41
1943	41,480	7,634	18.40	18,999	4,071	22.13	120,054	31,494	26.18
1944	54,122	8,037	14.85	10,764	3,103	28.83	117,660	28,919	24.58
1945	71,859	10,051	13.99	14,760	3,884	26.31	150,019	38,496	25.66
1946	90,198	13,622	15.10	30,941	9,546	30.85	197,984	50,628	25.57
1947	119,282	16,578	13.90	44,308	13,643	30.79	246,376	51,079	20.73
1948	114,896	14,252	12.40	60,710	15,321	25.24	348,465	53,421	15.33
1949	77,975	10,635	13.64	59,496	16,220	27.26	337,977	48,513	14.35
1950	149,773	23,133	15.45	82,736	21,935	26.51	658,793	85,475	12.97
	Schedule 4.—Wood and manufactures			Schedule 5.—Sugar, molasses, and manufactures			Schedule 6.—Tobacco and manufactures		
1933	14,191	3,026	21.32	44,540	67,408	151.34	24,754	21,542	87.02
1934	9,904	2,270	22.92	64,945	43,706	67.30	25,235	22,486	89.11
1935	12,657	2,923	23.09	94,953	39,985	42.11	25,974	21,958	84.54
1936	16,975	2,782	16.39	113,423	40,578	35.78	29,931	25,231	84.30
1937	19,861	3,188	16.05	126,645	45,371	35.83	31,776	24,213	76.20
1938	13,503	2,156	15.97	95,486	45,506	47.66	35,803	24,408	68.17
1939	17,002	2,096	12.33	90,543	46,218	51.05	35,999	23,927	66.47
1940	17,461	1,723	9.87	87,780	42,826	48.79	36,585	22,173	60.44
1941	36,039	2,536	7.04	145,375	63,586	43.74	38,026	23,017	60.53
1942	46,185	2,413	5.22	134,811	36,056	26.75	37,779	22,505	59.57
1943	27,852	1,642	5.90	194,349	55,730	28.68	43,209	23,044	53.33
1944	37,299	2,297	6.16	101,071	29,096	28.79	65,930	24,882	37.74
1945	44,563	2,867	6.43	35,418	10,430	29.45	82,278	28,253	34.34
1946	54,610	4,191	7.67	42,524	10,167	23.91	89,337	24,916	27.89
1947	42,112	3,073	7.30	436,404	67,280	15.42	92,367	25,757	27.89
1948	127,498	4,624	3.62	336,010	34,665	10.29	79,943	23,784	29.75
1949	97,541	4,563	4.68	345,663	37,206	10.76	75,278	23,522	31.25
1950	237,168	8,514	3.59	359,948	37,635	10.46	78,654	19,534	24.84
	Schedule 7.—Agricultural products and provisions			Schedule 8.—Spirits, wines, and other beverages			Schedule 9.—Cotton manufactures		
1933	103,941	46,189	44.44	9,179	7,414	80.77	22,660	10,845	47.86
1934	138,787	53,269	38.35	50,202	42,471	84.60	23,892	10,814	45.26
1935	219,133	87,559	39.96	42,384	39,326	92.79	27,136	10,852	39.99
1936	247,153	90,559	36.64	47,169	43,954	56.96	35,087	14,008	39.92
1937	130,156	106,775	34.43	74,973	46,093	61.48	44,052	17,155	38.94
1938	147,857	51,058	34.53	59,490	34,498	58.02	24,288	9,499	38.86
1939	173,808	56,419	32.46	59,076	34,206	57.90	27,284	9,841	36.07
1940	147,228	46,083	31.30	53,809	32,753	60.87	20,106	7,050	35.06
1941	173,113	56,818	32.82	49,635	30,186	60.82	15,003	5,002	33.34
1942	178,729	41,368	23.15	56,695	28,811	50.82	8,270	2,548	30.81
1943	248,557	40,526	16.30	83,094	61,563	74.09	8,946	2,707	30.26
1944	266,284	37,584	14.11	115,304	85,671	74.30	6,709	1,900	28.32
1945	314,005	42,542	13.55	67,923	45,340	64.84	26,066	4,533	17.39
1946	354,680	43,405	12.24	95,150	50,520	53.10	23,451	5,453	23.25
1947	311,800	36,347	11.66	67,305	31,718	47.13	15,986	4,921	30.78
1948	529,066	56,729	10.72	86,434	23,834	27.57	26,079	6,224	23.87
1949	489,056	51,914	10.62	89,594	24,145	26.95	22,510	5,370	23.88
1950	623,196	66,673	10.70	116,485	20,284	25.14	40,999	9,742	23.76

**No. 1030.—IMPORTED DUTIABLE MERCHANDISE ENTERED FOR CONSUMPTION—
VALUES, CALCULATED DUTIES, AND AVERAGE RATE OF DUTY, BY TARIFF SCHED-
ULES: 1933 TO 1950—Continued**

[All figures except percentages in thousands of dollars]

YEAR	Values	Duties	Per- cent	Values	Duties	Per- cent	Values	Duties	Per- cent	Values	Duties	Per- cent
	Schedule 10.—Flax, hemp, jute, and man- ufactures			Schedule 11.—Wool and manufactures			Schedule 12.—Silk manufactures			Schedule 13.—Rayon and other synthetic textiles, manufactures		
1933-----	47,129	12,959	27.50	22,660	20,539	90.64	5,362	2,969	55.37	3,008	1,680	55.85
1934-----	53,547	13,271	24.78	21,648	17,187	79.39	4,624	2,586	55.93	1,096	794	72.45
1935-----	62,430	15,083	24.16	28,857	23,510	81.47	6,039	3,557	58.90	1,730	831	48.03
1936-----	68,147	16,819	24.68	59,298	44,687	75.36	6,833	3,810	55.76	5,209	2,197	42.18
1937-----	77,656	19,029	24.50	82,560	51,617	62.52	8,736	4,756	54.44	7,499	3,240	43.21
1938-----	49,402	12,092	24.48	27,418	18,531	67.59	6,185	3,327	53.79	6,041	2,274	37.64
1939-----	54,765	10,829	19.77	49,271	33,624	68.24	5,286	2,776	52.52	10,210	3,090	30.26
1940-----	68,033	10,255	15.07	77,829	51,601	66.30	4,074	2,148	52.72	3,898	1,260	32.32
1941-----	69,846	9,526	13.64	185,672	123,118	66.31	2,829	1,457	51.50	2,550	753	29.53
1942-----	52,309	6,639	12.69	178,771	112,973	63.19	855	411	48.07	202	81	40.10
1943-----	40,635	4,857	11.95	218,316	134,360	61.54	438	209	47.72	219	113	51.60
1944-----	10,047	2,252	22.41	179,016	114,379	63.89	598	307	51.34	362	198	54.70
1945-----	17,863	3,982	22.29	229,513	144,039	62.76	1,928	927	48.08	2,529	1,252	49.51
1946-----	106,202	15,394	14.50	276,042	167,759	60.77	5,159	2,459	47.66	15,819	5,341	33.76
1947-----	149,880	13,878	9.26	199,090	95,072	47.75	10,930	5,272	48.23	15,686	4,623	29.47
1948-----	173,155	10,000	5.77	291,730	81,410	27.91	20,398	6,258	30.68	28,136	6,744	23.97
1949-----	141,656	7,035	4.97	239,329	58,040	24.25	21,483	5,671	26.40	7,233	1,706	23.59
1950-----	144,843	9,279	6.41	394,178	94,294	23.91	29,272	8,953	30.59	35,209	7,877	22.37
	Schedule 14.—Pulp, paper, and books			Schedule 15.—Sundries			Free-list commodities taxable under Revenue Act of 1932 and subse- quent acts, ¹ dutiable under section 466, Tariff Act of 1930, etc.					
1933-----	8,497	2,221	26.14	92,172	32,318	35.06	27,518	10,191	37.03			
1934-----	9,482	2,346	24.74	85,185	31,647	37.15	33,862	9,987	29.49			
1935-----	11,118	2,697	24.26	111,080	36,172	32.58	32,011	10,008	31.26			
1936-----	13,201	3,029	22.95	136,546	41,545	30.43	37,049	10,396	28.06			
1937-----	15,113	3,324	21.99	169,064	49,246	29.13	41,153	12,033	29.24			
1938-----	11,970	2,531	21.14	110,444	33,959	30.75	33,285	9,636	28.95			
1939-----	11,461	2,152	18.78	133,270	35,245	26.45	38,394	11,753	30.61			
1940-----	7,580	1,278	16.93	114,957	29,568	25.71	86,582	17,235	19.91			
1941-----	13,641	2,791	20.46	132,757	25,458	19.16	126,091	29,901	23.71			
1942-----	9,534	1,643	17.23	96,819	13,411	13.85	40,185	6,183	15.39			
1943-----	7,432	1,029	13.85	115,815	17,457	15.07	38,505	5,163	13.41			
1944-----	7,711	1,038	13.46	118,006	21,069	17.85	73,677	7,502	10.18			
1945-----	8,773	1,260	14.36	170,234	33,008	19.39	112,430	11,347	10.09			
1946-----	15,692	1,980	12.62	334,444	60,854	18.20	156,996	16,626	10.59			
1947-----	23,304	3,186	13.67	207,728	39,468	19.00	231,207	15,784	6.83			
1948-----	29,803	3,442	11.54	267,551	45,419	16.98	389,103	18,750	4.82			
1949-----	21,443	2,199	10.26	225,844	43,374	19.21	457,636	24,499	5.35			
1950-----	27,144	2,691	9.91	338,043	61,370	18.15	650,803	35,947	5.52			

¹ Taxes collected on dutiable commodities under revenue acts and Sugar Act of 1937 are included in appropriate schedules.

Source: Treasury Department, Bureau of Customs; *Annual Report of the Secretary*.

No. 1031.—IMPORTS OF MERCHANDISE, FREE AND DUTIABLE, AND PERCENT FREE, BY ECONOMIC CLASSES: 1821 TO 1951

[In thousands of dollars. For basis of dollar values, see general note, p. 825. Figures cover fiscal years ending Sept. 30, 1821 to 1840, and June 30, 1850 to 1915; calendar years thereafter, except as noted. Data are "general imports" through 1933; "imports for consumption" beginning 1934. Percentage free in general imports is normally slightly lower than in imports for consumption because relatively more of dutiable general imports are reported as reexported than of free general imports. 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. For adjusted figures see table 492 of 1935 issue of *Statistical Abstract*. See also *Historical Statistics*, series M 75-86]

YEAR OR YEARLY AVERAGE	TOTAL			CRUDE MATERIALS			CRUDE FOODSTUFFS AND FOOD ANIMALS		
	Free	Dutiable	Percent free	Free	Dutiable	Percent free	Free	Dutiable	Percent free
1821-----	2,018	52,504	3.7	1,475	1,066	58.1	-----	6,082	-----
1830-----	4,590	58,181	7.3	3,348	1,450	69.8	-----	7,382	-----
1840-----	48,314	49,946	49.2	9,780	2,360	80.6	15,214	60	99.6
1850-----	18,082	155,428	10.4	602	11,954	4.8	15,803	2,208	87.7
1851-1860-----	44,730	239,745	15.7	6,455	20,938	23.6	30,165	3,121	90.6
1861-1870-----	38,388	293,479	11.6	10,335	31,905	24.6	10,904	34,358	24.1
1871-1880-----	129,985	405,287	24.3	54,492	37,775	59.1	59,916	25,615	70.1
1881-1890-----	223,628	468,559	32.3	98,173	49,680	66.4	83,274	22,980	78.4
1891-1900-----	372,244	391,084	48.8	160,631	41,239	79.6	106,584	22,593	82.5
1901-1910-----	520,831	637,670	45.0	295,690	98,969	74.9	109,877	27,098	80.2
1911-1915-----	961,439	750,880	56.1	491,948	105,753	82.3	181,170	37,865	82.7
1915-1920-----	2,258,608	1,099,747	67.3	1,195,593	152,074	88.7	349,926	58,226	85.7
1921-1925-----	2,060,303	1,389,800	59.7	1,036,581	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	407,640	99,075	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-----	1,475,825	964,217	60.5	627,289	179,946	77.7	238,355	81,247	74.6
1941-1945-----	2,293,945	1,181,048	60.0	777,319	369,839	67.8	434,555	134,158	70.4
1946-1950-----	3,842,818	2,740,777	58.4	1,263,001	729,287	63.4	1,031,862	205,183	83.4
1944-----	2,717,986	1,169,504	69.9	727,410	350,763	67.5	658,129	183,219	78.2
1945-----	2,740,345	1,348,756	67.1	745,819	437,262	63.0	501,485	191,751	72.3
1946-----	2,984,955	1,889,946	60.8	1,160,749	562,325	67.8	652,307	162,095	80.1
1947-----	3,454,047	2,211,674	61.0	1,181,334	584,826	66.9	878,025	138,150	86.4
1948-----	4,174,523	2,917,509	58.9	1,358,492	788,515	63.3	1,039,523	232,088	81.7
1949-----	3,883,186	2,708,454	58.9	1,120,860	726,851	60.5	1,096,520	236,300	82.3
1950-----	4,766,778	3,976,304	54.5	1,481,571	983,918	62.1	1,492,335	257,221	85.3
1951-----	5,992,946	4,820,015	55.4	2,066,498	1,297,513	61.4	1,759,965	303,083	85.3

YEAR OR YEARLY AVERAGE	MANUFACTURED FOODSTUFFS ²			SEMIMANUFACTURES			FINISHED MANUFACTURES		
	Free	Dutiable	Percent free	Free	Dutiable	Percent free	Free	Dutiable	Percent free
1821-----	-----	10,821	-----	488	3,591	12.0	55	30,944	0.2
1830-----	-----	9,654	-----	1,211	3,942	23.5	31	35,703	.1
1840-----	1,021	14,168	6.7	4,962	6,394	43.7	17,337	26,963	39.1
1850-----	-----	21,466	-----	764	25,399	2.9	911	94,401	1.0
1851-1860-----	2,426	41,477	5.5	3,419	32,140	9.6	2,265	142,067	1.6
1861-1870-----	3,259	59,738	5.2	7,351	38,337	16.1	6,540	129,442	4.8
1871-1880-----	1,808	109,105	1.6	7,686	62,156	11.0	6,084	170,587	3.4
1881-1890-----	11,452	111,527	9.3	17,192	85,143	16.8	13,538	199,230	6.4
1891-1900-----	55,514	73,911	42.9	30,090	75,830	28.4	19,427	177,512	9.9
1901-1910-----	4,344	135,095	3.1	81,071	119,623	40.4	30,150	256,886	10.5
1911-1915-----	25,626	189,517	11.9	167,863	129,612	56.4	94,832	288,131	24.8
1915-1920-----	73,142	471,407	13.4	424,243	150,177	73.9	215,704	207,862	44.6
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-----	73,466	164,332	30.6	218,078	101,523	68.2	175,245	218,340	44.5
1936-1940-----	73,466	272,056	21.3	337,516	173,434	66.1	190,199	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	821,812	648,778	55.9	615,689	561,982	52.3
1944-----	240,845	280,134	46.2	515,095	191,141	72.9	576,507	164,248	77.8
1945-----	253,324	208,320	54.9	666,876	261,415	71.8	581,841	250,009	69.9
1946-----	221,933	282,613	43.9	489,524	441,075	52.6	405,042	441,838	47.8
1947-----	39,127	616,571	6.0	825,133	419,775	66.3	530,422	452,353	54.0
1948-----	80,984	650,239	11.1	993,285	639,856	60.8	702,289	606,811	53.6
1949-----	98,291	642,479	13.3	868,923	549,465	61.3	692,690	553,299	55.6
1950-----	112,584	785,839	12.5	932,193	713,717	43.8	748,095	755,609	49.8
1951-----	136,546	884,638	13.4	1,174,620	1,280,627	47.8	855,117	1,054,153	44.8

¹ Period July 1, 1915, to Dec. 31, 1920.² Includes beverages.Source: Department of Commerce, Bureau of Census; annual report, *Foreign Commerce and Navigation of the United States*, and records.

No. 1032.—IMPORTS FOR CONSUMPTION, FREE AND DUTIABLE, AND DUTIES COLLECTED, BY PRINCIPAL COUNTRIES: 1945 AND 1946

[Figures except percentages in thousands of dollars]

COUNTRY	VALUE OF IMPORTS						Duties collected on dutiable and taxable articles	
	1945			1946			1945	1946
	Free	Dutiable	Percent free	Free	Dutiable	Percent free		
Grand total	2,749,345	1,348,756	67.1	2,934,955	1,889,946	60.8	382,212	482,860
Northern North America	827,573	315,792	72.4	608,729	297,986	67.1	47,492	47,029
Canada	810,543	313,034	72.1	591,072	290,261	67.1	47,193	46,131
Newfoundland and Labrador	14,871	2,733	84.5	16,837	7,714	68.6	290	740
Other 1	2,159	25	98.9	820	11	98.7	9	158
Southern North America	523,104	221,731	70.2	451,684	263,020	63.2	61,771	52,578
Mexico	125,012	105,644	54.2	93,272	124,350	42.9	21,756	20,386
Central American countries	71,251	1,968	97.3	80,088	2,653	96.8	210	315
Cuba	231,635	98,788	70.1	214,105	103,679	67.4	35,809	25,562
Other West Indies and Bermudas	95,205	15,332	86.1	64,219	32,338	66.5	3,996	6,315
South America	663,172	285,492	69.9	750,687	354,328	67.9	84,677	87,617
Argentina	77,872	77,432	50.1	73,132	116,397	38.6	31,241	38,767
Bolivia	44,015	511	98.9	44,463	1,265	97.2	237	689
Brazil	257,187	50,555	83.6	352,356	53,357	86.8	7,303	8,175
Chile	124,105	9,486	92.9	68,638	14,776	82.3	4,633	5,846
Colombia	92,760	10,108	90.2	141,972	14,197	90.9	931	1,221
Ecuador	7,497	6,309	54.3	6,507	6,399	50.4	650	755
Peru	24,873	7,605	76.6	19,391	13,747	58.5	2,435	2,721
Uruguay	15,366	46,173	25.0	13,037	37,462	25.8	29,302	19,970
Venezuela	15,254	69,075	18.1	28,995	88,051	24.8	6,947	8,358
Other	4,244	8,236	34.0	2,195	8,680	20.2	998	1,115
Europe	168,798	238,181	41.5	272,003	487,797	35.8	74,073	132,002
Belgium	865	14,781	5.5	5,881	70,736	7.7	1,511	9,280
Czecho-Slovakia	5	247	1.9	799	16,371	4.7	52	5,332
Denmark	66	187	26.0	1,548	2,422	39.0	67	424
Finland	3	2	61.5	9,731	2,431	80.0	1	542
France	7,190	4,989	59.0	16,115	39,190	29.1	1,280	12,194
Germany	1,020	240	80.9	400	2,467	14.2	48	613
Greece	254	1,287	16.5	1,348	6,016	16.3	688	1,706
Italy	4,886	4,478	91.1	32,344	30,979	51.1	77	9,624
Netherlands	494	4,846	9.3	2,197	20,591	9.6	370	2,438
Norway	517	741	41.1	2,910	9,959	22.6	105	2,133
Poland and Danzig	1	(2)	93.7	155	10	93.7	4	4
Spain	8,720	48,423	15.3	4,832	44,325	9.8	11,464	9,366
Sweden	43,418	2,782	94.0	34,691	12,106	74.1	584	2,683
Switzerland	1,808	80,489	2.2	4,041	93,626	4.1	29,985	32,956
United Kingdom	34,656	56,006	38.2	47,441	108,707	30.4	20,929	35,370
U. S. S. R. (Russia) 3	51,530	4,711	91.6	88,988	7,521	92.2	1,161	1,526
Other 1	13,368	17,973	42.7	18,573	19,441	48.9	5,751	5,721
Asia	265,293	122,860	68.3	608,646	253,031	70.6	29,190	49,084
British India and Burma	137,098	35,671	79.4	127,276	107,692	54.2	5,236	13,146
British Malaya	5,724	-----	100.0	128,677	393	99.7	-----	44
Ceylon	66,143	652	99.0	30,812	1,052	96.7	66	107
China	5,721	279	95.3	48,086	39,019	55.2	64	7,794
Netherlands Indies	209	2,714	7.2	36,140	2,547	93.4	2,115	1,357
Hong Kong	(2)	-----	100.0	412	1,059	28.0	-----	204
Japan	1	134	.4	79,365	1,559	98.1	17	223
Philippine Islands	791	(2)	100.0	39,865	25	99.9	-----	12
Turkey	5,281	49,073	9.7	8,496	51,696	14.1	14,363	15,142
Other	44,325	34,336	56.3	109,517	47,989	69.5	7,329	11,055
Oceania	50,027	113,685	30.6	50,202	125,123	28.6	69,679	81,334
Australia	24,755	96,191	20.5	31,455	107,314	22.7	50,083	69,490
New Zealand	16,362	16,995	49.1	16,113	17,318	48.2	10,520	11,805
Other	8,910	498	94.7	2,634	492	84.3	76	39
Africa	251,380	51,016	83.1	193,004	108,660	64.0	15,330	33,216
British West Africa	33,552	2,542	93.0	1,120	11	99.0	1,148	1,536
Egypt	9,434	5,773	62.0	1,540	25,260	5.7	636	2,343
Other	208,393	42,702	83.0	190,344	83,389	69.5	13,546	29,337

1 Iceland included in Europe. 2 Less than \$500. 3 Includes U. S. S. R. in Asia.

Source: Value of imports, Department of Commerce, Bureau of Census; annual report, *Foreign Commerce and Navigation of the United States*, and records. Duties, Treasury Department, Bureau of Customs.

32. Commerce of Territories and Possessions

(Sent to print May 23, 1952)

All statistics in this section, except as noted, were compiled by the Department of Commerce, Bureau of the Census. These statistics are published in the Monthly Summary of Foreign Commerce of the United States. In the general foreign trade statistics in the preceding section, the Virgin Islands is treated as a foreign country prior to 1935 and its trade with the United States is included while its trade with other countries is not included. On the other hand, Alaska, Hawaii, and Puerto Rico, and for 1935-39, the Virgin Islands, are treated as integral parts of the United States, so that trade between them and continental United States is not included, while trade between them and foreign countries is included. Each of these territories appears as a separate customs district, but beginning with 1940, trade of the Virgin Islands has been excluded from the merchandise export and import figures. Neither trade of American Samoa and Guam with foreign countries nor shipments between them and the United States are included in the general tables on foreign trade. See also table 1010, p. 843.

The tables in this section present the total foreign trade of each of the U. S. Territories and possessions and show separately the trade with United States (unless otherwise indicated) and with foreign countries. The trade with foreign countries represents exports and imports through the respective territorial Customs Districts and does not necessarily represent exports of commodities originating within the designated territory nor imports for direct consumption within the territory. For basis of dollar values, see general note, p. 826.

No. 1033.—IMPORTS AND EXPORTS OF ALASKA: 1882 TO 1951

[In 1947 Alaska shipped domestic silver valued at \$2,067 to the United States]

YEARLY AVERAGE OR YEAR ENDING—	MERCHANDISE IMPORTS			MERCHANDISE EXPORTS			Shipments domestic gold to United States
	Total	From United States ¹	From other countries ²	Total	To United States	To other countries	
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
June 30:							
1882-1885	-----	680,250	9,198	-----	-----	24,955	-----
1886-1890	-----	1,455,600	23,697	-----	-----	8,748	-----
1891-1895	-----	2,422,600	42,539	-----	-----	15,520	-----
1896-1900	-----	9,843,000	185,182	-----	-----	135,069	-----
1901-1905	\$ 11,238,205	\$ 11,159,017	721,110	\$ 11,820,379	\$ 10,398,385	1,882,464	\$ 7,703,393
1906-1910	18,061,314	17,255,687	804,627	12,060,141	11,589,320	1,370,821	16,778,847
1911-1915	20,726,443	20,054,397	692,046	23,095,710	21,945,625	1,150,087	14,924,009
Dec. 31:							
1915-1920 ³	37,039,688	35,707,204	1,332,484	68,445,011	66,590,595	1,854,417	11,880,362
1921-1925	28,855,839	28,216,438	739,401	52,009,911	50,730,865	1,279,046	5,787,815
1926-1930	33,061,490	32,754,859	906,631	61,476,709	60,960,208	516,501	6,449,570
1931-1935	25,252,071	24,951,064	301,008	37,054,038	37,703,765	230,273	11,974,339
1936-1940	43,572,951	43,380,029	192,922	52,804,870	52,323,674	481,196	19,350,455
1941-1945	75,893,246	74,255,643	1,637,602	199,556,452	68,338,416	130,618,015	6,744,077
1946-1950	\$ 96,443,910	\$ 95,907,254	1,248,715	\$ 97,720,815	\$ 96,239,395	\$ 7,209,132	\$ 5,123,957
1939	44,414,093	44,262,710	151,383	42,765,802	42,228,758	537,044	20,073,913
1940	48,189,283	48,039,460	149,823	40,585,267	40,173,952	411,315	20,928,967
1941	82,206,605	82,028,238	177,367	68,471,531	67,699,708	771,823	17,848,450
1942	91,524,276	89,497,621	2,026,655	59,018,262	58,199,935	818,327	12,104,445
1943	76,007,574	73,538,798	2,448,776	287,899,094	73,164,753	214,734,341	1,680,206
1944	62,638,819	62,042,363	596,456	343,470,611	72,359,111	271,111,500	1,009,129
1945	67,688,955	64,150,197	2,938,758	238,922,661	73,268,575	165,654,086	778,081
1946	75,576,054	75,005,229	570,825	69,892,767	68,837,904	1,054,863	4,263,386
1947	117,311,706	116,809,279	502,427	125,543,863	123,640,885	1,907,978	5,884,527
1948	(⁴)	(⁴)	2,779,449	(⁴)	(⁴)	2,408,928	(⁴)
1949	(⁴)	(⁴)	1,397,255	(⁴)	(⁴)	2,599,870	(⁴)
1950	(⁴)	(⁴)	993,561	(⁴)	(⁴)	12,524,020	(⁴)
1951	(⁴)	(⁴)	1,160,922	(⁴)	(⁴)	2,824,861	(⁴)

¹ Unofficial estimates of value of merchandise shipped from Pacific coast ports to Alaska from 1882 to 1901; from 1903 to date, official figures of shipments to Alaska.

² General imports through 1933; imports for consumption thereafter.

³ 3-year average. ⁴ 4-year average.

⁵ Period July 1, 1915 to Dec. 31, 1920.

⁶ Excludes certain commodity exports under security regulations.

⁷ Not available; legal requirement for filing of export declarations for shipments between U. S. and Alaska and Hawaii was removed in April 1945.

Source: See general note.

No. 1034.—IMPORTS AND EXPORTS OF PUERTO RICO: 1901 TO 1951

YEARLY AVERAGE OR YEAR ENDING—	MERCHANDISE IMPORTS			MERCHANDISE EXPORTS		
	Total	From United States	From other countries ¹	Total	To United States	To other countries
June 30:	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1901-1905.....	13,256,464	11,055,607	2,200,857	14,228,464	10,455,414	3,743,050
1906-1910.....	26,810,937	23,660,948	3,153,988	29,850,008	25,118,813	4,731,195
1911-1915.....	37,790,207	33,959,225	3,830,982	46,237,403	38,982,507	7,254,896
Dec. 31:						
1915-1920 ¹	51,192,853	47,846,373	3,346,480	67,831,644	60,818,903	7,012,741
1921-1925.....	78,901,764	70,355,330	8,546,434	82,878,547	76,481,329	6,397,218
1926-1930.....	92,500,964	80,640,700	11,860,264	98,613,291	92,468,856	6,144,435
1931-1935.....	65,055,632	58,128,726	6,926,906	83,942,503	81,464,920	2,477,583
1936-1940.....	96,916,409	89,512,394	7,404,015	94,701,265	92,837,006	1,864,259
1941-1945.....	136,612,529	120,136,052	16,476,477	119,403,190	114,301,879	5,101,312
1946-1950.....	345,258,034	320,169,438	25,088,596	206,295,625	195,007,759	11,287,866
1939.....	92,920,704	86,447,423	6,473,281	90,527,565	88,977,210	1,550,355
1940.....	110,629,960	103,972,709	6,657,251	85,041,449	83,733,274	1,308,175
1941.....	153,259,895	143,691,759	9,568,136	101,580,919	99,651,309	1,929,610
1942.....	102,878,764	90,350,869	11,997,895	105,477,270	104,214,641	1,262,629
1943.....	109,006,388	87,419,797	21,646,591	115,946,349	99,221,148	16,725,201
1944.....	136,445,478	120,499,206	15,946,272	125,604,083	123,747,071	1,857,012
1945.....	181,912,120	158,688,630	23,223,490	148,407,331	144,675,224	3,732,107
1946.....	298,697,281	274,430,616	24,266,665	168,190,917	163,941,239	4,249,678
1947.....	341,842,582	320,118,678	21,724,204	199,383,482	191,136,679	8,246,803
1948.....	360,403,762	336,201,027	24,202,735	194,533,110	188,208,149	6,324,961
1949.....	333,691,247	308,983,334	24,707,913	222,455,322	213,884,768	8,570,554
1950.....	390,945,172	361,130,319	29,814,853	246,915,294	217,867,960	29,047,334
1951.....		233,539,668	38,398,474	264,527,351	250,629,829	13,897,522

¹ General imports through 1933; imports for consumption thereafter.² Period July 1, 1915, to Dec. 31, 1920.³ Excludes certain commodity exports under security regulations.⁴ Data for January through July only.

No. 1035.—IMPORTS AND EXPORTS OF HAWAII: 1901 TO 1951

YEARLY AVERAGE OR YEAR ENDING—	MERCHANDISE IMPORTS			MERCHANDISE EXPORTS		
	Total	From United States	From other countries ¹	Total	To United States	To other countries
June 30:	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1901-1905.....	24,778,085	21,459,879	3,165,296	28,093,757	28,029,059	64,698
1906-1910.....	20,120,138	15,970,287	4,149,852	37,097,102	36,842,145	254,956
1911-1915.....	31,532,670	25,600,469	5,932,201	48,983,610	48,352,547	631,063
Dec. 31:						
1915-1920 ²	39,271,498	33,236,198	6,035,299	76,008,709	73,691,927	2,316,781
1921-1925.....	74,514,123	65,429,082	9,085,041	92,977,893	91,487,972	1,489,921
1926-1930.....	89,454,666	79,066,509	9,787,997	108,096,755	105,937,984	2,158,771
1931-1935.....	73,600,296	67,592,513	5,907,783	95,000,597	93,944,684	1,055,913
1936-1940.....	112,156,644	104,106,212	8,049,332	115,943,303	113,510,846	1,616,457
1941-1945.....	197,610,876	187,616,126	9,994,750	101,427,047	99,041,911	2,385,136
1946-1950.....	292,967,186	283,742,195	12,153,998	188,237,691	180,845,275	5,435,234
1939.....	109,251,672	101,817,841	7,433,831	115,095,809	113,206,898	1,888,911
1940.....	135,446,957	127,439,539	8,007,418	103,067,965	102,145,130	922,835
1941.....	192,855,457	185,662,139	7,193,318	133,653,066	122,640,189	11,012,877
1942.....	145,377,848	141,701,552	3,676,296	96,903,545	96,650,450	253,095
1943.....	185,766,176	182,594,027	3,172,149	103,391,087	103,370,901	20,186
1944.....	198,809,464	185,793,636	12,715,828	85,140,644	85,087,249	53,395
1945.....	267,045,937	240,829,274	26,216,663	88,046,893	87,460,764	586,129
1946.....	236,306,962	227,072,997	9,233,965	140,042,662	133,337,539	6,705,123
1947.....	349,627,410	340,411,393	9,216,017	236,432,720	228,353,010	8,079,710
1948.....	(³)	(³)	12,725,649	(³)	(³)	6,704,891
1949.....	(³)	(³)	16,007,450	(³)	(³)	3,462,131
1950.....	(³)	(³)	13,586,910	(³)	(³)	2,224,317
1951.....	(³)	(³)	19,156,923	(³)	(³)	3,504,799

¹ See note 1, table 1034.² A average for 1903 to 1905.³ Period July 1, 1915, to Dec. 31, 1920.⁴ 2-year average.⁵ Excludes certain commodity exports under security regulations.⁶ Not available; legal requirement for filing of export declarations for shipments between U. S. and Alaska and Hawaii was removed in April 1948.

Source of tables 1034 and 1035: See general note, p. 871.

No. 1036.—IMPORTS AND EXPORTS OF THE VIRGIN ISLANDS: 1911 TO 1951

[For 1911 to 1917 figures for trade with United States cover years ending June 30, for total trade years ending Mar. 31; thereafter, all figures cover calendar years]

YEARLY AVERAGE OR YEAR	MERCHANDISE IMPORTS			MERCHANDISE EXPORTS		
	Total	From United States ¹	From other countries	Total	To United States	To other countries
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1911-1915.....	1,617,225	844,729	(2)	416,930	210,597	(2)
1916-1920.....	(2)	1,945,396	(2)	(2)	1,718,822	(2)
1921-1925.....	² 2,254,547	1,894,229	³ 365,579	³ 673,710	659,718	³ 104,249
1926-1930.....	(2)	2,020,197	(2)	(2)	869,170	(2)
1931-1935.....	⁴ 2,503,027	1,293,347	⁴ 836,612	⁴ 553,842	479,024	⁴ 64,716
1936-1940.....	3,743,219	2,611,010	1,132,210	1,369,532	1,241,445	128,087
1941-1945.....	5,220,224	4,257,447	962,777	3,845,923	3,647,908	198,015
1946-1950.....	9,602,012	7,787,153	1,814,859	2,927,295	2,238,174	689,121
1932.....	(2)	929,980	(2)	(2)	405,163	(2)
1933.....	(2)	1,075,512	(2)	(2)	516,846	(2)
1934.....	(2)	1,544,424	(2)	(2)	575,052	(2)
1935.....	2,503,027	1,666,415	836,612	553,842	489,126	64,716
1936.....	3,599,617	2,208,570	1,391,047	793,651	726,746	66,905
1937.....	4,148,593	2,976,146	1,172,447	1,319,895	1,253,429	66,466
1938.....	3,346,563	2,358,548	988,015	1,541,472	1,220,506	320,966
1939.....	3,456,895	2,487,805	969,090	1,664,933	1,558,523	106,410
1940.....	4,164,428	3,023,979	1,140,449	1,527,709	1,448,020	79,689
1941.....	6,307,730	5,190,548	1,117,182	2,564,856	2,419,597	145,259
1942.....	4,862,986	3,768,497	1,094,489	1,846,267	1,588,414	257,853
1943.....	4,847,655	4,025,839	821,816	3,622,139	3,456,235	165,904
1944.....	4,760,640	3,726,484	1,024,156	6,839,921	6,657,669	182,252
1945.....	5,332,105	4,575,865	756,240	4,356,431	4,117,624	238,807
1946.....	8,540,350	6,722,914	1,817,436	4,138,205	3,680,130	458,075
1947.....	8,990,646	7,003,157	1,987,489	2,800,915	1,448,536	1,352,379
1948.....	9,465,562	7,665,939	1,799,623	1,796,308	1,236,434	559,874
1949.....	9,067,225	8,176,045	1,701,180	2,543,879	1,737,524	806,355
1950.....	11,046,282	9,367,711	1,678,571	3,857,168	3,088,245	768,923
1951.....	(2)	⁵ 5,411,558	2,554,250	2,715,901	2,106,744	609,157

¹ For change in statistical reporting, 1935 to 1939, see general note, p. 871.

² Not available.

³ Average for 1921 to 1924.

⁴ For year 1935.

⁵ Data for January through July only.

Source: Total trade, 1911 to 1915, from Danish Yearbook; 1916, from "The Virgin Islands of the United States of America," by Luther K. Zabriski. For source of other figures, see general note, p. 861.

No. 1037.—IMPORTS AND EXPORTS OF GUAM: 1915 TO 1951

YEARLY AVERAGE OR YEAR	MERCHANDISE IMPORTS			MERCHANDISE EXPORTS		
	Total	From United States	From other countries	Total	To United States	To other countries
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1915-1920 (July 1, 1915, to Dec. 31, 1920).....	342,651	211,744	130,908	77,894	41,741	36,153
1921-1925.....	594,583	378,094	216,489	72,681	57,302	15,379
1926-1930.....	608,026	295,398	312,628	212,352	98,335	114,017
1931-1935.....	498,513	228,509	270,004	69,921	21,386	48,535
1936-1940.....	786,273	403,928	382,345	139,697	97,694	42,003
1941-1945.....	(1)	² 483,870	(1)	(1)	(1)	(1)
1946-1950.....	(1)	8,487,026	(1)	3,230,530	2,813,056	423,474
1936.....	779,500	367,866	411,634	136,934	72,271	64,663
1937.....	857,904	345,543	512,361	228,229	164,879	63,350
1938.....	698,433	357,838	340,595	118,122	79,065	39,057
1939.....	735,906	402,963	332,943	112,104	88,468	23,636
1940.....	859,624	545,430	314,194	103,094	83,785	19,309
1941.....	1,060,980	788,325	272,655	50,175	29,303	20,872
1944.....	(1)	656,777	(1)	(1)	(1)	(1)
1945.....	(1)	6,508	(1)	(1)	(1)	(1)
1946.....	(1)	1,096,858	(1)	3,433,354	2,710,833	722,521
1947.....	(1)	9,368,182	(1)	3,639,977	2,312,410	1,327,567
1948.....	(1)	9,530,325	(1)	5,980,079	5,965,686	11,393
1949.....	(1)	11,296,853	(1)	2,358,142	2,308,534	49,608
1950.....	13,702,182	11,142,910	2,559,272	4,771,098	764,818	6,280
1951.....	(2)	³ 8,551,956	1,688,418	4,881,399	3,961,798	919,601

¹ Not available. ² Three-year average; no shipments reported for 1942 and 1943.

³ Data for January through July only.

Source: Returns of the Navy Department and (beginning July 1950) the Department of Interior to the Department of Commerce. See general note, p. 871.

No. 1038.—IMPORTS AND EXPORTS OF AMERICAN SAMOA: 1915 TO 1951

YEARLY AVERAGE OR YEAR	MERCHANDISE IMPORTS			MERCHANDISE EXPORTS		
	Total	From United States	From other countries	Total	To United States	To other countries
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1915-1920 (July 1, 1915 to Dec. 31, 1920).....	179,041	115,278	63,763	140,757	140,757	—
1921-1925.....	201,005	101,038	99,967	122,288	88,087	34,201
1926-1930.....	226,858	142,774	84,084	(¹)	121,026	(¹)
1931-1935.....	198,517	121,635	76,882	(¹)	43,702	(¹)
1936-1940.....	336,365	220,070	116,295	(¹)	87,939	(¹)
1941-1945.....	878,376	642,094	236,283	(¹)	² 46,923	(¹)
1946-1950.....	945,007	608,910	336,097	282,573	282,573	—
1938.....	355,731	221,787	133,944	(¹)	110,657	(¹)
1939.....	277,318	164,758	112,560	(¹)	84,852	(¹)
1940.....	332,718	230,007	102,711	(¹)	72,396	(¹)
1941.....	714,589	506,510	208,079	(¹)	103,129	(¹)
1942.....	896,495	710,558	185,937	(¹)	5,664	(¹)
1943.....	1,081,442	1,017,252	64,190	(¹)	(¹)	(¹)
1944.....	1,000,574	635,266	374,308	(¹)	(¹)	(¹)
1945.....	689,782	340,883	348,899	31,975	31,975	—
1946.....	678,344	379,637	298,707	190,925	190,925	—
1947.....	892,027	540,695	351,332	261,297	261,297	—
1948.....	1,043,171	662,553	380,618	259,648	259,648	—
1949.....	1,194,287	863,054	331,233	394,238	394,238	—
1950.....	917,208	598,613	318,595	306,758	306,758	—
1951.....	—	³ 323,383	400,904	282,863	282,863	—

¹ Not available. ² Average for 1941, 1942 and 1945. ³ Data for January through July only.

Source: Returns of the Navy Department to the Department of Commerce. See general note, p. 871.

33. Distribution and Services Including Advertising

(Sent to print May 23, 1952)

Data in this section relate to continental United States.

For additional or related data on distribution and service trades other than those included in this section, consult the index.

CENSUS OF BUSINESS

The primary source of data on distribution and services is the Census of Business. The first Census of Business covered the calendar year 1929. Although the next was scheduled by law to cover the year 1939, two special censuses covering the years 1933 and 1935 were taken before the regular 1939 census conducted as part of the 16th Census of the United States.

In accordance with the provisions of the act of June 19, 1948, the Business Census has been separated from the decennial censuses and is to be conducted at 5-year intervals. The first Business Census under the new act was taken in 1949 covering the year 1948. The results have been brought together and issued in seven area and subject volumes.

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.

The censuses taken for 1929, 1935, and 1939 included information on the distribution of manufacturers' sales showing the proportion of manufacturers' output flowing through various distribution channels. Similar information is not available for the 1948 Census.

The 1948 Census of Business, for the first time, incorporates information on retail warehouses and wholesale and retail administrative offices and other auxiliary units in basic tables. In the case of retail and wholesale trade, separate data for these units for States, metropolitan areas, and counties are presented in Area Bulletins. For service trade, no separate data for these units are presented, but statistics for them have been incorporated with data for operating establishments and are an integral part of all tables.

The most important differences in scope among the four Censuses of Business are to be found in the coverage of service enterprises. Service establishments for the most part were not included in the 1929 Census of Business. The 1933 Census of Business was expanded to include certain service enterprises. These can be broadly classified into the following five major groups: (1) personal services, such as barber shops, laundries, etc., (2) selected business services, (3) repair services, (4) places of amusement, and (5) hotels. The 1935 Business Census added a number of important businesses among which were banking and finance, motor transportation, real estate agencies, warehousing, insurance, and radio broadcasting. The types of business added in 1935 were dropped in 1939 along with a number of minor types of service business. The most significant changes in scope of the service phase of the 1948 Census of Business from the scope of the 1939 Census are exclusion (in whole or substantial part) of the 1939 Census groups entitled "Services Allied to Transportation," and "Custom Industries."

It is important, also, to take cognizance of the kind of businesses, broadly defined, not included in any 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. In the past, these types of economic activity have been omitted largely because of problems in obtaining information or because reasonably adequate data were already available from other sources.

Many of the tables shown in this section contain comparative data from the various Censuses of Business. Adjustments have been made in the figures to make allowances for the changes in scope among the various years compared.

CURRENT STATISTICS

Wholesale trade.—Monthly statistics on trends in sales and inventories of merchant wholesalers, by kinds of business and by geographic divisions, are compiled and published by the Bureau of the Census. These data are based on the reports of approximately 4,000 establishments. Using these survey data as a basis, monthly estimates of aggregate sales of wholesalers raised to national totals are prepared by the Bureau of Foreign and Domestic Commerce and published in the *Survey of Current Business*. The Census Bureau also publishes current data on stocks of canned foods at the wholesale level based on reports submitted by warehouses of retail food chains and a sample of food wholesalers.

Financial statistics relating to corporations in wholesale trade are available from the annual reports, *Statistics of Income*, published by the Bureau of Internal Revenue.

Current data on the production, movement, stocks, carry-over, receipts, and disappearances at principal markets, etc., for major agricultural commodities are available from the Production and Marketing Administration, Department of Agriculture.

As part of its investigations, the Federal Trade Commission has collected operating statistics on wholesalers as well as on the wholesale business of chains in various lines. Financial statistics on corporations engaged in wholesale trade whose securities are listed on the national securities exchanges are available from the Securities and Exchange Commission.

Retail trade.—The Bureau of the Census compiles and publishes estimates of the total dollar sales in retail stores by kind of business for the country as a whole. It also publishes data on trends in retail store sales by kind of business for the country as a whole and for selected areas, and for all retail trade combined for an additional group of cities and areas. These data are based on reports secured by mail from retail chain store and mail-order houses and the larger independent retail establishments, supplemented by an area sample of smaller retail establishments. These estimates of dollar volume of retail sales by kind of business are also published currently in the *Survey of Current Business*. The Census Bureau also conducts and publishes the results of an annual survey to determine retail sales-inventory ratios for kind of business for the country as a whole.

Indexes of department store sales and stocks are compiled by the Board of Governors of the Federal Reserve System and by each of the 12 Federal Reserve Banks for its district. These indexes are published monthly in the *Federal Reserve Bulletin* and also in the *Survey of Current Business*. Monthly and annual statistics on consumer credit are compiled by the Board of Governors of the Federal Reserve System and

published currently in the *Federal Reserve Bulletin*. Financial data for corporations engaged in retail trade and filing income tax returns are published by the Bureau of Internal Revenue in its annual report, *Statistics of Income*. Financial statistics on corporations engaged in retail trade whose securities are listed on the national securities exchanges are available from the Securities and Exchange Commission.

Service trades.—Typical of the numerous current statistical reports on personal and business services compiled by private agencies are the *Horwath Hotel Accountant*, *Printers' Ink*, and *National Advertising Records*. Financial statistics of service businesses derived from corporation income tax returns are compiled and published annually by the Bureau of Internal Revenue in its annual report, *Statistics of Income*. Current data on service trades are provided by the Bureau of Foreign and Domestic Commerce in its quarterly and annual estimates of consumption expenditures published in the *Survey of Current Business*.

Advertising.—Statistics shown here on advertising expenditures are compiled by private organizations. McCann-Erickson, Inc., which compiles the data shown on advertising expenditures, defines national advertising as that 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*, in *Tide Magazine*, and also in the Department of Commerce *Survey of Current Business*.

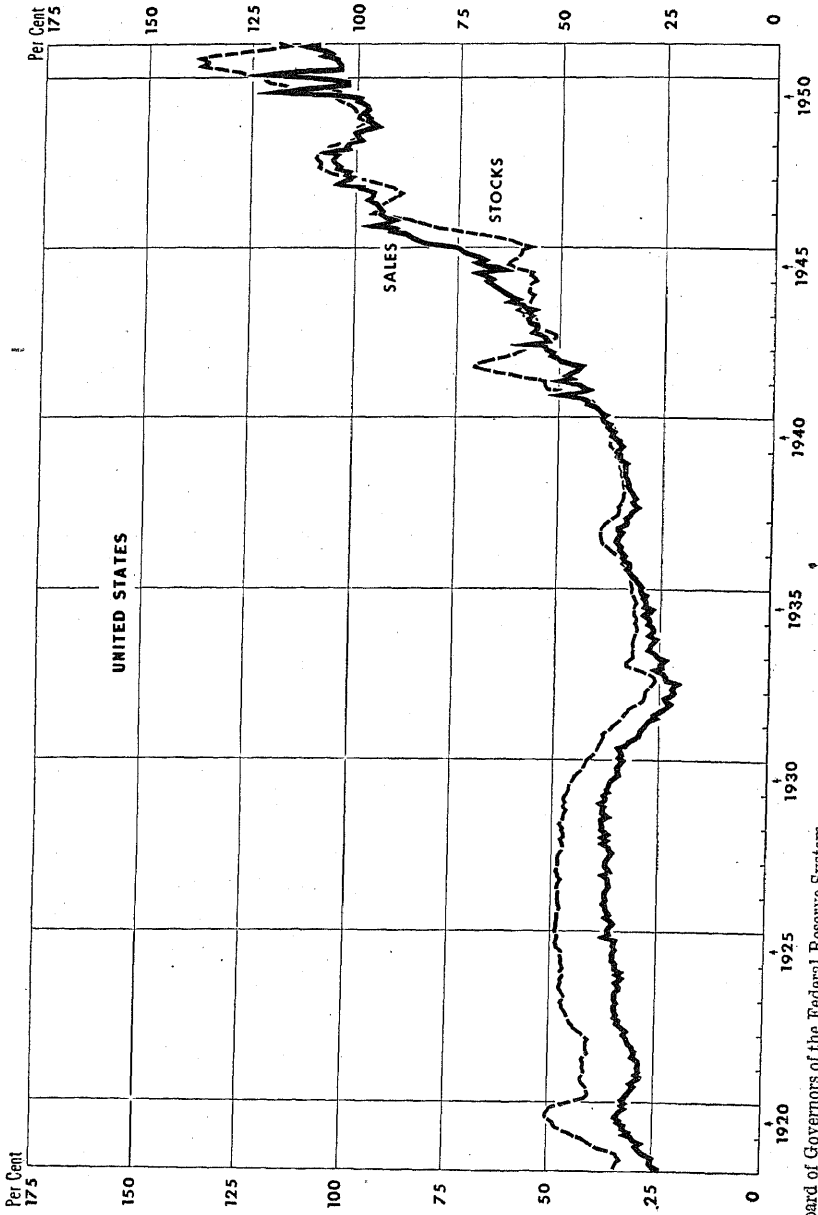
NO. 1039.—WHOLESALE TRADE—SALES AND STOCKS: 1938 TO 1951

[In millions of dollars. Data revised to reflect new concepts used in 1948 Census of Business. For explanation of revisions, see *Survey of Current Business*, October 1951]

YEAR	ALL ESTABLISHMENTS		NONDURABLE GOODS ESTABLISHMENTS		DURABLE GOODS ESTABLISHMENTS		Merchant wholesalers' sales
	Sales	Stocks end of period	Sales	Stocks end of period	Sales	Stocks end of period	
1938.....		2,921		2,017		904	
1939.....	26,244	3,075	19,972	2,104	6,272	971	22,550
1940.....	28,919	3,255	21,408	2,187	7,511	1,068	24,914
1941.....	36,394	4,073	26,218	2,737	10,176	1,336	31,140
1942.....	41,109	3,830	31,537	2,762	9,572	1,068	34,359
1943.....	45,966	3,759	36,518	2,722	9,448	1,037	37,743
1944.....	49,828	3,969	39,692	2,856	10,136	1,113	40,818
1945.....	53,708	4,625	42,827	3,161	10,881	1,464	44,082
1946.....	71,915	6,606	54,339	4,082	17,576	2,524	60,708
1947.....	87,263	7,613	62,835	4,519	24,428	3,094	73,279
1948.....	95,172	7,982	67,741	4,419	27,431	3,563	79,815
1949.....	86,817	7,659	62,551	4,367	24,266	3,292	72,460
1950.....	96,782	9,286	66,130	5,274	30,652	4,012	82,128
1951.....	106,761	9,861	72,798	5,255	33,963	4,606	89,907

Source: Department of Commerce, Office of Business Economics; published currently in *Survey of Current Business*.

FIG. XXXI.—INDEXES OF DEPARTMENT STORE SALES AND STOCKS: 1919 TO 1951
[See table 1061]



Source: Board of Governors of the Federal Reserve System.

No. 1040.—WHOLESALE ADMINISTRATIVE OFFICES AND AUXILIARY UNITS—
SUMMARY, BY TYPE OF OPERATION AND KIND OF BUSINESS: 1948

TYPE OF OPERATION AND KIND OF BUSINESS	Estab- lish- ments	Sales, entire year	Pay roll, entire year	PAID EMPLOYEES AND PAYROLL, WORKWEEK ENDED NEAREST NOV. 15		Stocks on hand, end of year, at cost
				Em- ployees	Payroll	
	Number	\$1,000	\$1,000	Number	Dollars	\$1,000
United States, total	1,339	1,791,497	319,893	80,644	6,272,228	162,425
Merchant wholesalers, total	275	49,174	44,842	11,623	838,245	69,800
Groceries, confectionery, meats.....	22	6,383	3,232	654	47,643	443
Farm products (edible).....	21	4,726	4,349	1,137	85,780	269
Beer, wines, distilled spirits.....	7	4	1,531	475	28,972	4,879
Drugs, chemicals, allied products.....	20	947	1,987	360	37,096	393
Tobacco and products (exc. leaf).....	3		1,271	315	26,192	2,733
Dry goods, apparel.....	28	1,323	5,703	1,493	112,817	6,230
Furniture, home furnishings.....	7	22,033	232	36	3,443	
Paper and its products.....	8	181	2,879	1,284	56,076	1,025
Farm products (raw materials).....	35	1,108	4,175	1,074	71,906	5,531
Automotive.....	10	1,589	1,727	471	34,926	581
Electrical goods.....	9	729	2,949	709	58,817	531
Hardware, plumbing, heating.....	5		691	135	13,052	
Lumber, construction materials.....	24	1,417	3,012	754	57,540	2,202
Machinery, equipment, supplies.....	31	2,238	3,078	733	53,617	41,236
Metals, metal work (exc. scrap).....	9	1,045	449	80	10,426	331
Waste materials.....	3	1,314	80	29	1,843	145
Other merchant wholesalers.....	33	4,137	7,497	1,884	137,499	3,181
Manufacturers' sales branches (with stocks), total	283	75,654	51,501	12,788	993,809	60,263
Groceries, confectionery, meats.....	17	20,312	5,250	1,207	109,213	1,708
Farm products (edible).....	5	6,195	1,542	349	28,805	41
Drugs, chemicals, allied products.....	6	1,331	593	155	10,851	5,122
Tobacco and products (exc. leaf).....	22		663	222	13,009	1,178
Dry goods, apparel.....	8		667	232	15,343	1,664
Furniture, home furnishings.....	1	(1)	(1)	(1)	(1)	(1)
Paper and its products.....	1	(1)	(1)	(1)	(1)	(1)
Automotive equipment, tires and tubes.....	34	31,757	6,110	2,158	119,107	23,955
Electrical goods.....	14	11,780	10,477	2,616	198,541	7,156
Lumber, construction materials.....	7		265	76	4,879	
Machinery, equipment, supplies.....	138	1,632	19,172	4,373	361,265	18,891
Metals, metal work (exc. scrap).....	1	(1)	(1)	(1)	(1)	(1)
Other manufacturers' sales branches.....	29	1,947	5,808	1,174	114,768	460
Manufacturers' sales offices (without stocks), total	116	44,147	17,238	4,568	343,691	13,275
Groceries, confectionery, meats.....	7		421	127	9,347	967
Farm products (edible).....	10	3,858	3,022	898	57,395	42
Beer, wines, distilled spirits.....	24		1,475	363	29,397	
Drugs, chemicals, allied products.....	19	1,802	858	288	17,128	257
Dry goods, apparel.....	8	2,526	563	117	9,612	248
Furniture, home furnishings.....	6	3,789	1,821	496	36,235	1,468
Paper and its products.....	1	(1)	(1)	(1)	(1)	(1)
Automotive equipment, tires and tubes.....	9	24,251	1,981	586	35,746	5,558
Electrical goods.....	6	1,808	1,463	474	37,081	3,290
Lumber, construction materials.....	4	(1)	(1)	(1)	(1)	(1)
Machinery, equipment, supplies.....	9	560	1,639	344	35,292	591
Metals, metal work (exc. scrap).....	1	(1)	(1)	(1)	(1)	(1)
Other manufacturers' sales offices.....	12	5,853	2,962	721	58,378	798
Petroleum bulk stations	607	1,586,628	193,214	48,377	3,854,890	15,646
Agents, brokers, total	16	9,116	6,592	1,608	126,603	2,714
Farm products (edible).....	6	6,698	3,503	889	70,942	
Dry goods, apparel.....	5	(1)	(1)	(1)	(1)	(1)
Farm products (raw materials).....	3	1,275	97	31	1,769	13
Electrical goods.....	1	(1)	(1)	(1)	(1)	(1)
Other agents, brokers.....	1	(1)	(1)	(1)	(1)	(1)
Assemblers (mainly farm products), total	42	26,778	6,506	1,680	114,990	727
Dairy, poultry products.....	3		465	145	9,093	
Fruits, vegetables (fresh).....	4	7,438	676	150	11,419	3
Farm products (raw materials).....	29	15,522	3,248	639	48,539	536
Farm supplies.....	6	3,818	2,117	746	45,889	183

¹ Withheld to avoid disclosure of individual operations.

Source: Department of Commerce, Bureau of the Census; U. S. Census of Business: 1948, Vol. V.

No. 1041.—WHOLESALE ESTABLISHMENTS—SUMMARY, BY TYPE

TYPE OF OPERATION BY KIND OF BUSINESS	ESTABLISHMENTS (number)			SALES, ENTIRE YEAR (\$1,000)			OPERATING EXPENSES (INCL. PAYROLL) PERCENT OF SALES	
	1929	1939	1948	1929	1939	1948	1939	1948 ¹
1 United States, total.....	168,262	199,726	243,366	66,739,607	54,888,480	188,688,801	(?)	(?)
2 Merchant wholesalers, total.....	79,178	100,961	146,518	29,205,174	22,537,832	79,766,589	13.1	11.6
3 Groceries, confectionery, meats.....	15,224	15,681	17,345	5,386,861	3,940,781	11,356,738	11.3	8.8
4 Farm products (edible).....	8,972	10,945	13,539	3,065,240	2,110,766	7,500,941	13.0	11.6
5 Beer, wines, distilled spirits.....	(?)	6,232	7,195	(?)	1,249,184	4,069,729	12.0	10.9
6 Drugs, chemicals, allied products.....	2,376	3,298	4,671	947,962	801,813	2,282,226	17.3	15.8
7 Tobacco and products (except leaf).....	1,721	2,717	3,019	858,329	1,106,215	2,529,576	4.9	5.2
8 Dry goods, apparel.....	7,383	8,275	11,733	2,817,742	1,888,952	5,727,719	13.1	11.8
9 Furniture, home furnishings.....	1,750	2,214	3,813	494,777	373,484	1,314,945	17.2	16.6
10 Paper and its products.....	2,297	2,898	4,044	704,388	574,973	1,801,747	17.2	15.5
11 Farm products (raw materials).....	3,400	2,086	2,594	3,697,456	1,623,706	6,803,993	6.9	3.6
12 Automotive.....	3,451	7,818	14,693	1,383,057	1,055,387	4,091,589	17.5	17.8
13 Electrical goods.....	2,182	3,072	5,443	846,689	788,024	4,424,566	16.6	12.7
14 Hardware, plumbing, heating.....	2,953	3,568	5,901	1,212,738	971,975	3,826,957	18.4	15.4
15 Lumber, construction materials.....	3,774	3,303	5,890	1,283,891	804,392	3,834,736	15.2	14.0
16 Machinery, equipment, supplies.....	6,988	11,270	21,430	1,268,760	1,440,371	6,731,872	20.0	18.0
17 Metals, metal work (except scrap).....	856	1,017	1,803	672,581	515,975	2,056,715	12.0	12.1
18 Waste materials.....	3,019	6,059	7,717	474,453	656,000	2,669,800	14.7	11.9
19 Other merchant wholesalers.....	11,932	10,508	15,688	4,004,250	2,630,874	8,413,740	11.2	9.9
20 Manufacturers' sales branches (with stocks), total.....	(?)	12,844	15,716	(?)	9,610,329	29,229,717	12.5	10.0
21 Groceries, confectionery, meats.....	-----	2,592	3,138	-----	2,333,306	6,802,136	11.1	6.8
22 Dairy, poultry products.....	-----	610	707	-----	199,200	880,074	17.2	13.4
23 Beer, wines, distilled spirits.....	-----	409	254	-----	274,265	748,340	19.1	10.3
24 Drugs, chemicals, allied products.....	-----	900	1,426	-----	758,232	2,328,669	18.2	13.0
25 Tobacco and products (except leaf).....	-----	44	41	-----	446,489	797,902	13.9	6.7
26 Dry goods, apparel.....	-----	510	416	-----	510,384	1,573,229	12.3	6.3
27 Furniture, home furnishings.....	-----	285	376	-----	131,625	334,135	14.0	10.9
28 Paper and its products.....	-----	317	305	-----	177,454	192,886	16.5	15.6
29 Automotive equipment, tires and tubes.....	-----	(?)	700	-----	(?)	1,571,876	-----	10.8
30 Electrical goods.....	-----	393	669	-----	643,067	2,727,808	7.6	9.0
31 Hardware, plumbing, heating.....	-----	617	630	-----	276,045	664,527	15.9	13.0
32 Lumber, construction materials.....	-----	353	457	-----	238,475	613,076	17.1	16.6
33 Machinery, equipment, supplies.....	-----	3,623	4,847	-----	1,044,245	4,401,264	19.3	14.0
34 Metals, metal work (except scrap).....	-----	481	502	-----	460,922	1,165,376	8.2	8.5
35 Other manufacturers' sales branches.....	-----	627	1,248	-----	(?)	4,228,913	-----	9.1
36 Manufacturers' sales offices (without stocks).....	(?)	5,082	8,052	(?)	4,643,280	23,508,860	6.9	4.3
37 Petroleum bulk stations, terminals.....	19,611	30,825	29,451	2,390,213	3,807,908	10,615,650	11.0	9.0
38 Agents, brokers, total.....	18,467	21,083	24,361	14,517,239	11,779,499	34,610,092	2.8	2.6
39 Groceries, confectionery, meats.....	2,296	2,733	3,171	2,331,805	2,109,490	5,487,102	1.9	2.0
40 Farm products (edible).....	1,721	1,426	1,155	(?)	1,039,557	1,778,371	1.6	3.0
41 Beer, wines, distilled spirits.....	(?)	102	97	(?)	30,051	64,187	3.9	4.3
42 Drugs, chemicals, allied products.....	568	478	499	(?)	150,792	392,648	5.3	4.5
43 Tobacco and products (except leaf).....	32	25	19	4,202	16,135	5,520	2.6	3.9
44 Dry goods, apparel.....	2,141	2,906	3,293	2,119,502	2,092,200	5,497,838	3.5	3.2
45 Furniture, home furnishings.....	679	789	1,045	161,650	100,956	460,963	6.5	5.9
46 Paper and its products.....	336	470	907	99,384	98,607	251,077	5.1	4.2
47 Farm products (raw materials).....	2,518	3,135	3,744	(?)	3,206,134	11,739,902	1.7	1.2
48 Automotive.....	393	331	556	123,187	121,426	459,614	3.0	4.8
49 Electrical goods.....	711	837	1,312	(?)	130,532	683,553	5.4	6.2
50 Hardware, plumbing, heating.....	750	904	1,236	121,861	115,080	468,431	5.0	7.2
51 Lumber, construction materials.....	952	944	788	369,512	213,760	539,285	5.1	4.7
52 Machinery, equipment, supplies.....	2,355	3,061	3,365	468,668	441,608	1,422,424	8.9	6.6
53 Metals, metal work (except scrap).....	417	608	743	615,443	359,125	726,293	2.1	3.4
54 Waste materials.....	78	121	90	73,255	74,181	200,562	4.1	3.5
55 Other agents, brokers.....	2,520	2,213	2,841	(?)	1,479,885	4,423,321	3.0	2.6
56 Assemblers (mainly farm products), total.....	34,143	28,931	19,268	4,452,099	2,509,632	10,957,893	9.3	6.1
57 Fish, sea foods.....	17	580	591	694	30,371	118,225	28.1	23.5
58 Other grocery, food specialties.....	246	230	253	30,701	38,037	206,617	13.5	13.4
59 Dairy, poultry products.....	5,617	9,091	9,939	558,891	446,168	1,618,011	9.4	7.1
60 Fruits, vegetables (fresh).....	3,809	2,902	2,137	603,182	393,450	1,102,832	23.3	23.0
61 Farm products (raw materials).....	23,811	15,595	11,939	3,215,760	1,563,840	7,756,800	5.3	2.9
62 Farm supplies.....	407	478	384	35,297	34,418	151,167	10.0	9.3
63 Assemblers, misc. products.....	236	55	25	7,574	3,339	4,232	13.4	13.9

¹ Entries for agents and brokers represent brokerage or commission received as a percent of sales entire year.² Proprietors of unincorporated businesses.³ Not available.

OF OPERATION AND KIND OF BUSINESS: 1929, 1939, AND 1948

PAY ROLL, ENTIRE YEAR (\$1,000)		ACTIVE PROPRIETORS * (number)		PAID EMPLOYEES, WORK- WEEK ENDED NEAREST NOV. 15 (number)		STOCKS ON HAND, END OF YEAR, AT COST (\$1,000)		
1939	1948	1939	Nov. 1948	1939	1948	1939	1948	
2,589,876	7,990,713	133,466	163,490	1,605,347	2,382,789	3,847,552	10,167,005	1
1,498,353	5,064,381	71,924	106,823	948,601	1,507,990	2,620,862	7,206,834	2
224,394	549,042	11,846	13,789	153,704	182,847	432,885	890,204	3
132,283	463,551	10,296	13,460	94,212	155,933	47,466	144,524	4
73,677	224,362	4,507	5,422	46,211	63,637	121,471	374,745	5
69,096	186,477	1,598	2,637	40,226	56,042	114,569	264,617	6
26,946	75,456	2,337	2,743	18,785	26,143	49,427	115,748	7
126,554	346,731	6,399	9,204	68,986	79,451	275,753	672,545	8
33,372	118,362	1,448	2,742	32,187	32,187	70,838	163,240	9
56,490	179,649	1,693	2,401	31,912	49,007	74,566	194,829	10
37,871	90,860	1,569	2,024	27,712	24,568	284,679	465,422	11
100,927	424,634	5,236	10,130	67,380	136,329	141,134	606,650	12
71,599	321,918	1,555	2,877	38,592	90,448	83,485	514,871	13
102,030	361,684	1,643	3,138	62,715	102,740	209,776	626,816	14
63,029	303,907	1,498	2,972	37,420	87,064	80,308	277,077	15
157,193	673,944	6,532	13,480	89,779	189,617	236,155	944,111	16
32,620	137,203	479	827	17,226	33,568	63,741	192,446	17
46,040	167,546	5,956	7,410	46,423	59,817	57,201	103,078	18
144,232	438,965	7,332	11,477	88,501	138,532	277,408	655,911	19
533,930	1,501,413	260	527	267,514	411,725	689,251	1,749,770	20
104,219	212,563	31	16	59,154	65,866	93,974	231,804	21
11,321	60,977	3	12	6,554	17,682	11,313	32,932	22
15,532	32,165	5	16	6,487	8,378	10,810	22,607	23
51,432	125,270	13	12	22,879	31,725	63,531	147,892	24
8,437	7,896	6	8	4,059	2,460	11,769	25,368	25
31,197	54,877	76	48	13,917	11,453	62,248	121,826	26
8,634	29,097	4	31	3,961	7,358	11,724	22,503	27
12,183	18,165	1	13	6,173	5,118	14,361	20,475	28
(3)	91,097	(3)	31	(3)	29,603	(3)	228,437	29
29,274	170,411	4	19	12,608	45,952	29,266	122,878	30
21,207	50,493	9	33	11,946	13,778	33,894	54,732	31
18,350	50,085	13	54	9,821	15,786	23,484	53,217	32
114,373	390,724	50	158	57,785	99,976	145,442	344,309	33
19,492	50,500	2	13	10,025	13,233	52,412	107,943	34
(3)	151,093	(3)	63	(3)	43,357	(3)	212,847	35
131,949	420,241	125	254	47,574	89,890			36
156,366	345,847	23,061	23,952	99,956	112,466	235,596	709,205	37
162,692	350,148	18,603	21,820	92,522	101,650	88,724	68,829	38
19,128	45,285	2,422	2,938	(3)	10,962	12,638	9,002	39
17,850	25,069	1,119	933	(3)	7,440	5,749	3,640	40
471	727	79	73	262	171	861	560	41
4,082	7,281	356	368	1,772	1,625	1,519	1,427	42
207	54	32	20	78	20	124	21	43
29,340	63,214	2,791	3,090	11,357	12,117	6,447	8,143	44
3,206	9,337	713	984	1,807	2,221	682	991	45
2,694	3,904	362	340	1,132	878	777	612	46
26,588	58,287	3,376	3,705	(3)	35,492	37,397	18,188	47
1,856	8,167	289	459	862	1,823	648	802	48
3,342	13,970	737	1,207	2,021	3,426	880	1,872	49
3,206	12,985	811	1,136	1,872	2,982	935	2,191	50
4,928	7,888	752	654	2,287	1,901	709	2,260	51
19,373	38,669	2,521	2,841	9,264	8,525	6,520	7,966	52
3,990	8,577	522	608	1,744	1,843	3,135	1,089	53
1,152	3,227	82	50	356	557	1,266	532	54
21,354	43,507	1,645	2,384	(3)	9,857	8,437	9,633	55
106,586	308,633	19,493	10,114	149,180	159,068	213,119	432,367	56
4,440	14,347	631	501	11,407	12,364	1,285	3,859	57
2,351	12,920	167	125	(3)	11,576	6,541	21,430	58
17,604	51,525	7,567	2,756	(3)	23,977	6,342	36,277	59
43,752	121,800	1,877	1,352	(3)	64,848	12,916	33,777	60
36,766	101,172	8,776	5,114	(3)	43,371	181,842	326,753	61
1,381	6,630	444	246	(3)	2,755	3,777	9,809	62
292	289	31	20	238	177	416	462	63

Source: Department of Commerce, Bureau of Census; U. S. Census of Business: 1948, Vol. V.

DIVISION AND STATE	ESTABLISHMENTS (number)			SALES, ENTIRE YEAR (\$1,000)			ACTIVE PROPRIETORS ¹ (number)	
	1929	1939	1948	1929	1939	1948	1939	Nov. 1948
United States	168,262	199,726	243,366	66,739,607	54,888,480	188,688,801	133,466	163,490
New England	9,721	10,064	13,123	3,988,607	3,149,541	9,341,451	5,461	6,603
Maine.....	986	1,032	927	175,853	165,848	480,529	608	424
New Hampshire.....	325	363	518	60,500	64,263	188,998	198	260
Vermont.....	308	353	393	57,993	57,112	168,216	209	206
Massachusetts.....	6,015	5,932	7,788	2,835,089	2,214,403	6,396,281	3,183	3,791
Rhode Island.....	734	761	1,136	275,357	238,989	722,552	455	679
Connecticut.....	1,353	1,593	2,361	484,415	408,926	1,374,925	808	1,243
Middle Atlantic	37,913	45,179	64,046	22,606,845²	18,807,570	57,747,882	30,122	44,525
New York.....	25,110	30,255	43,786	17,072,380	14,452,737	43,140,120	19,541	29,358
New Jersey.....	2,334	3,523	5,095	935,521	1,032,078	3,596,934	1,928	3,794
Pennsylvania.....	10,469	11,401	14,565	4,598,944	3,322,755	11,010,828	8,653	11,373
East North Central	31,973	40,504	47,412	13,401,820	11,164,583	40,345,543	26,815	31,131
Ohio.....	8,005	9,545	11,099	2,910,629	2,606,812	9,468,871	6,017	6,652
Indiana.....	3,726	4,821	5,325	588,816	842,092	3,227,141	3,356	3,586
Illinois.....	11,534	14,469	17,454	6,660,084	4,977,030	18,136,506	9,552	11,983
Michigan.....	5,222	6,891	8,434	2,018,328	1,915,154	6,693,754	4,874	5,878
Wisconsin.....	3,486	4,779	5,100	923,963	820,495	2,829,271	3,016	3,032
West North Central	28,591	33,039	31,814	8,442,430	5,769,120	21,988,833	21,835	20,631
Minnesota.....	5,243	6,433	6,075	1,667,535	1,458,297	5,026,505	4,075	3,632
Iowa.....	4,936	5,790	5,980	1,040,840	787,208	3,361,733	4,306	4,418
Missouri.....	6,621	7,608	7,846	3,296,777	2,238,054	7,420,888	5,198	5,341
North Dakota.....	2,618	2,682	2,261	261,131	170,252	939,420	1,300	1,021
South Dakota.....	1,972	2,020	1,829	236,095	133,139	791,608	1,100	1,014
Nebraska.....	2,886	3,378	3,183	1,053,441	564,601	2,354,449	2,358	2,072
Kansas.....	4,315	5,128	4,640	886,611	427,569	2,094,230	3,518	3,133
South Atlantic	15,556	17,341	22,490	4,473,555²	4,537,886	16,287,633	11,722	14,060
Delaware.....	286	316	370	118,087	157,474	483,721	189	217
Maryland.....	2,192	2,461	3,076	711,872	685,138	2,057,749	1,904	2,130
District of Columbia.....	478	735	1,114	216,791	338,233	1,242,601	437	585
Virginia.....	2,831	2,426	3,000	621,139	626,477	2,033,470	1,489	1,866
West Virginia.....	1,127	1,423	1,737	341,433	254,119	1,076,754	764	849
North Carolina.....	2,408	2,842	3,962	695,118	626,604	3,129,686	2,068	2,617
South Carolina.....	1,539	1,447	1,609	333,528	297,078	1,008,042	1,101	1,056
Georgia.....	3,159	3,009	3,844	992,009	797,580	3,264,294	2,086	2,516
Florida.....	2,041	2,682	3,718	444,078	522,093	1,991,316	1,694	2,234
East South Central	7,711	8,154	10,318	2,495,203	1,957,572	7,897,253	6,278	7,686
Kentucky.....	2,024	2,168	2,456	500,389	463,769	1,784,338	1,672	1,854
Tennessee.....	2,238	2,634	3,529	1,043,463	835,369	3,477,171	1,910	2,469
Alabama.....	1,737	1,934	2,597	566,403	413,607	1,677,829	1,565	2,027
Mississippi.....	1,712	1,418	1,736	384,948	244,827	957,915	1,131	1,336
West South Central	17,480	18,380	20,441	4,726,740	3,425,977	13,005,080	13,257	14,490
Arkansas.....	2,045	1,782	2,147	366,510	248,643	851,613	1,466	1,647
Louisiana.....	1,711	2,360	3,068	828,056	698,804	2,227,058	1,419	2,007
Oklahoma.....	4,155	3,985	3,668	766,817	458,709	1,729,240	2,767	2,540
Texas.....	9,569	10,253	11,558	2,765,357	2,019,821	8,197,169	7,605	8,296
Mountain	5,743	7,259	8,615	1,167,413	1,080,863	4,270,113	4,598	5,644
Montana.....	1,243	1,393	1,396	158,227	130,334	587,330	596	657
Idaho.....	673	988	1,147	97,157	105,496	415,822	605	734
Wyoming.....	283	397	463	34,661	37,031	153,477	312	339
Colorado.....	2,056	2,274	2,650	536,353	431,118	1,628,603	1,572	1,826
New Mexico.....	315	542	718	53,143	66,387	259,969	414	568
Arizona.....	356	605	864	97,024	96,426	420,481	390	606
Utah.....	721	945	1,123	177,130	190,840	724,933	601	726
Nevada.....	96	175	254	13,718	23,231	79,498	108	191
Pacific	13,664	19,806	25,167	5,456,553	4,995,368	17,805,013	13,378	18,720
Washington.....	2,572	3,565	4,147	955,070	762,974	2,643,174	1,817	2,734
Oregon.....	1,437	1,916	2,561	465,196	437,954	1,891,251	1,019	1,649
California.....	9,655	14,325	18,459	4,036,287	3,794,440	13,270,588	10,542	14,337

¹ Proprietors of unincorporated businesses.² To avoid disclosures, where scope changes involved only one or two establishments, adjustments were not made at the State and geographic division levels. Hence, figures will not add to United States totals.

SUMMARY, BY STATES: 1929, 1939, AND 1948

PAID EMPLOYEES, WORKWEEK ENDED NEAREST NOV. 15 (number)	PAYROLL, ENTIRE YEAR (\$1,000)				STOCKS ON HAND, END OF YEAR, AT COST (\$1,000)			DIVISION AND STATE
	1939	1948	1929	1939	1948	1929	1939	
	1,605,347	2,382,789	2,941,698	2,589,876	7,990,713	5,042,641	3,847,552	
								U.S., total
95,342	136,339	202,367	166,488	461,899	318,635	236,639	698,506	N. E.
7,454	9,616	11,202	10,135	27,136	22,973	18,132	43,619	Maine.
2,670	4,087	3,667	3,735	11,291	6,231	5,184	14,490	N. H.
2,364	3,141	2,899	3,434	9,206	5,432	5,140	15,411	Vt.
59,235	81,884	142,828	110,681	290,915	214,210	153,785	367,208	Mass.
7,624	11,103	14,534	12,433	35,210	22,805	20,975	56,050	R. I.
16,095	26,558	27,237	26,070	88,141	46,984	33,423	111,719	Conn.
434,059	610,213	945,512	854,708	2,355,318	1,603,266	1,172,326	2,898,883	M. A.
297,738	397,720	677,590	625,440	1,651,425	1,236,942	894,396	2,032,869	N. Y.
36,089	58,812	54,648	62,044	204,040	67,615	74,123	233,725	N. J.
100,232	153,681	213,274	167,224	499,853	298,709	203,807	542,289	Pa.
310,585	474,769	673,206	529,755	1,697,848	882,170	642,468	1,805,614	E. N. C.
76,788	120,922	150,293	130,811	421,175	191,342	149,298	426,210	Ohio.
28,761	45,056	42,531	42,357	144,878	60,212	57,912	182,159	Ill.
124,835	182,512	336,877	226,544	689,689	410,039	256,362	679,769	Mich.
53,308	84,766	93,411	88,318	304,771	113,976	105,680	326,746	Wis.
26,893	41,513	50,094	42,225	137,335	106,601	73,216	190,721	
168,504	238,499	321,140	246,805	719,554	615,524	445,881	1,099,917	W. N. C.
38,308	53,355	62,428	59,660	166,428	151,304	130,109	273,157	Minn.
24,281	35,028	40,541	31,690	99,434	88,555	47,836	137,735	Iowa.
64,055	87,016	142,963	104,138	281,276	238,139	156,135	365,582	Mo.
6,335	8,916	9,935	7,135	24,785	24,418	22,604	74,013	N. Dak.
4,957	8,038	8,614	5,593	21,306	16,810	12,139	40,884	S. Dak.
15,419	23,178	28,047	20,378	64,866	58,442	35,402	98,097	Nebr.
15,140	22,968	28,612	18,151	61,459	57,856	41,656	110,449	Kans.
197,506	264,516	196,090	219,519	739,175	352,937	360,363	969,274	S. A.
2,902	5,153	3,778	6,018	17,734	10,514	4,562	23,077	Dal.
25,178	33,639	32,750	33,260	99,043	48,808	41,466	121,668	Md.
10,087	17,106	12,102	17,616	62,327	12,336	17,980	50,815	D. C.
33,008	39,625	28,575	33,810	99,126	77,714	75,091	132,280	Va.
11,830	17,744	19,216	17,143	56,356	26,258	26,277	71,919	W. Va.
43,635	43,541	25,679	33,367	107,716	63,226	85,134	193,418	N. C.
8,874	13,848	10,535	9,979	37,337	17,524	16,295	55,239	S. C.
24,849	44,004	36,184	34,069	133,260	61,323	52,904	175,504	Ga.
37,033	49,856	26,271	34,257	125,376	32,229	40,654	145,354	Fla.
62,363	108,104	94,159	81,299	295,360	234,492	196,687	488,047	E. S. C.
17,302	26,690	25,872	23,572	74,471	99,196	67,544	104,626	Ky.
23,343	40,726	34,216	30,867	114,985	67,510	68,193	213,004	Tenn.
14,494	20,991	23,551	18,787	73,785	43,731	34,612	102,602	Ala.
7,224	13,697	10,520	8,123	32,119	24,055	26,333	65,915	Miss.
117,137	193,000	166,483	147,803	548,609	385,584	310,935	884,158	W. S. C.
8,045	14,705	11,949	9,604	35,808	28,340	20,623	80,451	Ark.
24,013	36,187	28,900	31,787	103,018	58,718	65,070	165,523	La.
16,011	25,188	30,425	21,198	72,717	60,594	35,742	109,907	Okl.
69,068	116,920	95,209	85,214	336,166	237,423	189,500	548,277	Tex.
39,292	70,246	54,777	53,077	200,899	104,720	88,929	304,759	Mont.
4,252	7,470	6,979	6,105	21,779	19,026	15,985	49,770	Idaho.
5,819	8,999	4,479	5,282	19,561	10,918	9,449	26,969	Wyo.
1,204	2,223	1,855	1,671	6,144	4,215	3,654	14,290	Colo.
14,211	25,483	23,520	19,920	75,028	37,435	27,591	97,063	N. Mex.
2,522	4,508	2,313	3,197	12,452	4,744	7,752	26,280	Ariz.
3,824	8,087	5,407	5,614	24,023	9,377	7,729	28,938	Utah.
6,693	12,150	9,347	9,994	37,298	17,681	14,694	53,059	Neu.
767	1,326	877	1,294	4,614	1,324	2,105	7,399	
180,559	287,103	290,139	290,422	972,051	546,893	393,324	1,197,847	Pac.
28,780	45,658	50,537	44,116	145,511	79,350	59,509	188,998	Wash.
15,696	29,314	24,056	24,315	94,418	40,580	38,341	141,162	Oreg.
136,083	212,131	215,546	221,991	732,122	426,983	295,474	807,687	Calif.

Source: Department of Commerce, Bureau of the Census; U. S. Census of Business: 1948, Vol. V.

NO. 1043.—WHOLESALE ESTABLISHMENTS, BY TYPE OF OPERATION AND KIND OF BUSINESS: 1948

TYPE OF OPERATION AND KIND OF BUSINESS	Establishments	Sales, entire year	Operating expenses (including payroll) ¹	Payroll, entire year	Active proprietors, ² November	PAID EMPLOYEES AND PAYROLL, WORKWEEK ENDED NEAREST NOV. 15		Stocks on hand, end of year, at cost
						Em- ployees	Pay- roll	
	Number	\$1,000	\$1,000	\$1,000	Number	Number	\$1,000	\$1,000
United States, total.....	243,366	188,688,801	(3)	7,990,713	163,490	2,382,789	153,224	10,167,005
TYPE OF OPERATION								
Merchant wholesalers, total.....	146,518	79,766,589	9,286,353	5,064,381	106,823	1,507,990	95,652	7,206,834
Service wholesalers (domestic):								
Wholesale merchants, jobbers.....	133,123	64,469,433	8,056,272	4,431,812	99,978	1,354,143	84,248	5,940,550
Converters (textile).....	1,134	1,764,143	157,546	81,975	487	12,246	1,383	190,499
Industrial distributors.....	1,948	2,814,459	396,544	256,469	278	71,169	4,742	461,295
Foreign trade merchants:								
Exporters.....	3,596	3,906,484	297,668	112,044	1,772	25,707	1,940	236,880
Importers.....	2,203	2,817,100	177,021	80,206	1,374	17,155	1,418	278,726
Limited-function wholesalers:								
Cash-carry wholesalers.....	1,142	364,219	17,997	8,358	705	3,322	160	22,924
Drop or direct-mill shippers.....	1,769	2,781,999	122,275	59,859	892	11,906	1,080	6,670
Wagon, truck distributors.....	1,343	181,256	26,303	12,575	1,332	5,089	263	3,986
Retailer-cooperative warehouses.....	260	667,496	34,727	22,083	5	7,253	419	65,304
Manufacturers' sales branches, offices, total.....	23,768	52,738,577	3,930,431	1,921,654	781	501,615	37,244	1,749,770
Sales branches (with stocks).....	15,716	29,229,717	2,909,299	1,501,413	527	411,725	29,132	1,749,770
Sales offices (without stocks).....	8,052	23,508,860	1,021,132	420,241	254	89,890	8,112	-----
Petroleum bulk stations, terminals, total.....	29,451	10,615,650	956,074	345,847	23,952	112,466	6,840	709,205
Independent bulk stations.....	7,417	1,814,677	206,066	83,522	6,465	30,429	1,641	87,388
Commission stations.....	16,292	2,572,570	202,426	50,096	16,111	21,515	1,002	19,463
Salary, salary-commission stations.....	3,937	3,006,394	435,778	135,663	1,288	38,702	2,705	472,922
Cooperative bulk stations.....	1,061	171,569	20,470	11,910	29	4,169	234	13,525
Distributing terminals.....	744	2,450,440	90,734	64,656	59	17,651	1,259	115,907
Agents, brokers, total.....	24,361	34,610,092	894,395	350,148	21,820	101,650	6,761	68,829
Auction companies.....	1,728	2,879,415	63,508	24,938	1,777	22,793	680	2,527
Brokers (merchandise):								
Representing sellers.....	5,042	8,734,577	162,552	61,316	4,678	14,462	1,118	15,116
Representing buyers.....	770	1,123,346	20,839	7,385	715	1,817	137	2,927
Commission merchants.....	2,403	7,544,234	99,987	49,303	2,243	15,184	913	13,404
Export agents.....	1,135	1,200,502	48,187	21,896	697	6,685	422	6,399
Import agents.....	308	707,226	15,459	4,912	191	1,078	88	3,670
Manufacturers' agents:								
With stocks.....	1,423	633,750	44,931	25,510	1,191	6,076	485	12,919
Without stocks.....	7,625	3,575,484	203,312	59,674	7,283	13,679	1,155	-----
Selling agents.....	3,517	5,135,198	199,914	73,170	2,875	13,644	1,322	8,316
Purchasing agents, resident buyers.....	213	1,737,522	22,484	14,493	164	3,772	282	854
Cooperative buying agencies.....	23	83,383	1,917	858	5	176	19	366
Cooperative sales agencies.....	174	1,255,455	11,305	6,693	1	2,284	140	2,431
Assemblers (mainly farm products), total.....	19,268	10,957,893	664,405	308,683	10,114	159,068	6,727	432,367
Assemblers (dealing on own account).....	5,156	2,312,596	99,083	38,957	4,318	22,374	870	72,479
Commission buyers.....	1,387	1,599,092	23,542	9,327	1,253	4,346	183	9,333
Cooperative marketing associations.....	1,131	1,843,689	171,043	81,872	31	38,212	1,749	121,323
Cream stations.....	1,212	289,146	20,659	8,734	574	3,959	171	1,772
Country grain elevators:								
Independent.....	2,618	1,126,773	48,270	21,553	2,014	8,997	412	51,707
Line.....	3,309	1,277,461	47,202	24,163	348	9,711	435	64,589
Cooperative.....	2,481	1,697,784	50,395	26,256	38	10,125	510	79,572
Packers, shippers.....	1,974	811,372	204,231	98,121	1,638	61,344	2,397	31,502

For footnotes, see p. 889.

No. 1043.—WHOLESALE ESTABLISHMENTS, BY TYPE OF OPERATION AND KIND OF BUSINESS: 1948—Continued

TYPE OF OPERATION AND KIND OF BUSINESS	Establishments	Sales, entire year	Operating expenses (including payroll) ¹	Payroll, entire year	Active proprietors, ² November	PAID EMPLOYEES AND PATROLL, WORKWEEK ENDED NEAREST NOV. 15		Stocks on hand, end of year, at cost
						Em- ployees	Pay- roll	
TYPE BY KIND OF BUSINESS	Number	\$1,000	\$1,000	\$1,000	Number	Number	\$1,000	\$1,000
Merchant wholesalers, total.....	146,518	79,766,589	9,286,353	5,064,381	106,823	1,507,990	95,652	7,206,834
Groceries, confectionery, meats:								
Groceries (general line).....	4,265	5,799,121	471,707	285,414	2,091	94,434	5,393	598,773
Not sponsoring cooperative voluntary groups.....	2,963	3,378,567	294,027	174,773	1,839	59,541	3,308	354,853
Voluntary group wholesalers.....	635	1,033,954	135,673	85,413	163	26,941	1,607	172,136
Retailer-cooperative warehouses.....	211	582,340	26,939	16,722	1	5,421	322	54,182
Cash-carry depots.....	405	146,829	7,158	3,565	50	1,282	67	10,753
Institutional wholesalers.....	51	57,431	7,910	4,941	38	1,249	88	6,849
Confectionery.....	2,077	377,047	44,837	24,438	2,004	9,609	493	25,086
Fish, sea foods.....	1,233	393,662	61,361	30,070	1,138	11,167	595	16,274
Meats, meat products.....	3,507	1,999,476	149,139	82,098	3,500	25,127	1,607	34,034
Other grocery, food specialties.....	6,263	2,787,432	270,959	127,022	5,056	42,510	2,464	216,037
Canned foods.....	1,138	408,505	42,773	18,965	1,020	6,642	378	44,002
Coffee, tea, spices.....	573	590,961	44,317	19,923	399	5,729	360	53,260
Dried fruits, nuts.....	150	67,050	6,824	2,838	140	1,504	63	6,821
Flour.....	294	156,641	13,287	5,135	202	1,614	96	5,828
Frosted, frozen foods.....	447	239,630	34,208	16,586	238	5,550	338	24,662
Misc. grocery specialties.....	3,661	1,324,645	129,550	63,575	3,048	21,462	1,230	81,464
Farm products (edible):								
Dairy, poultry products.....	6,668	4,278,748	555,073	305,494	5,823	103,476	6,015	92,119
Fruits, vegetables (fresh).....	6,871	3,222,193	317,416	158,057	7,637	52,457	2,965	52,405
Beer, wines, distilled spirits:								
Beer, ale.....	5,668	1,550,562	220,603	106,498	4,826	34,467	2,028	70,229
Wines, distilled spirits.....	1,527	2,519,167	224,153	117,864	596	29,170	2,305	304,516
Drugs, chemicals, allied products:								
Drugs (general line).....	303	848,870	100,834	65,836	37	22,127	1,252	117,360
Drugs, drug sundries (specialty lines).....	1,902	521,476	116,738	46,810	1,338	14,683	922	61,283
Proprietary medicines, toiletries.....	802	207,069	61,684	25,144	556	7,768	508	24,617
Retailer cooperatives—specialty lines.....	17	6,551	607	374	1	138	7	1,425
Drug sundries.....	1,063	307,856	54,447	21,292	781	6,777	407	35,241
Industrial chemicals, explosives.....	1,189	690,019	92,288	45,839	518	10,696	824	51,078
Paints, varnishes.....	1,277	221,861	50,442	27,992	744	8,536	522	34,896
With glass, wallpaper.....	516	108,041	25,811	15,000	260	4,741	276	19,765
Without glass, wallpaper.....	761	113,820	24,231	12,992	484	3,795	246	15,131
Tobacco and products (except leaf).....	3,019	2,529,576	131,184	75,456	2,743	26,143	1,427	115,748
Dry goods, apparel:								
Clothing, furnishings, footwear.....	5,133	1,558,536	220,576	111,332	4,490	29,578	2,050	197,197
Clothings, furnishings (general line).....	379	179,233	24,725	13,146	371	3,778	241	25,064
Men's, boys' clothing, furnishings.....	1,454	402,581	57,252	29,634	1,253	8,094	555	55,448
Women's, children's clothing, furnishings.....	1,435	424,697	64,866	32,447	1,197	8,223	597	39,506
Furs (dressed), fur clothing.....	544	155,052	16,649	7,155	528	1,766	142	29,666
Millinery, millinery supplies.....	475	102,796	18,636	9,590	408	2,792	178	11,087
Shoes, other footwear.....	645	250,294	33,434	17,195	524	4,233	296	30,300
Work clothing.....	201	43,933	5,014	2,165	209	692	42	6,126
Dry goods (general line).....	182	457,242	59,456	36,360	67	9,822	677	68,967
Dry goods specialties, piece goods, notions.....	5,284	1,947,798	236,716	117,064	4,250	27,805	2,134	215,882
Hosiery, underwear.....	702	208,443	22,619	11,271	618	3,268	217	17,399
Piece goods (jobbers).....	2,441	1,133,056	115,197	53,177	1,756	11,078	914	114,496
Other dry goods, notions.....	2,141	606,209	98,900	52,616	1,876	13,459	1,003	83,987
Piece goods converters.....	1,134	1,764,143	157,546	81,975	487	12,246	1,383	190,499
Furniture, home furnishings:								
Furniture (household, office).....	1,173	379,730	75,568	43,160	814	11,547	814	45,772
Household furniture.....	605	245,026	40,019	21,847	424	5,606	428	24,476
Office furniture.....	568	134,704	35,549	21,313	390	5,941	386	21,296
Home furnishings, floor coverings.....	2,640	935,215	143,060	75,202	1,928	20,640	1,412	117,468
China, glassware, crockery.....	537	116,884	25,314	13,214	450	3,784	244	18,299
Floor coverings.....	649	416,112	49,853	28,357	366	6,715	516	58,343
Antiques.....	271	13,208	3,334	1,423	262	423	28	4,530
Miscellaneous home furnishings.....	1,183	389,011	64,559	32,208	850	9,718	624	36,296
Paper and its products:								
Wrapping paper, twine.....	516	296,928	48,338	31,156	306	8,156	579	35,093
Fine paper.....	447	462,359	62,668	39,993	116	9,197	742	44,436
Stationery, office supplies.....	880	180,867	48,154	30,001	565	10,063	589	27,731
Wallpaper.....	260	32,338	10,883	5,389	102	1,783	99	6,065
Miscellaneous paper products.....	1,941	929,255	124,400	73,110	1,312	19,868	1,374	81,504

For footnotes, see p. 889.

No. 1043.—WHOLESALE ESTABLISHMENTS, BY TYPE OF OPERATION AND KIND OF BUSINESS: 1948—Continued

TYPE OF OPERATION AND KIND OF BUSINESS	Establishments	Sales, entire year	Operating expenses (including payroll) ¹	Payroll, entire year	Active proprietors, ² No.-vember	PAID EMPLOYEES AND PAYROLL, WORKWEEK ENDED NEAREST NOV. 15		Stocks on hand, end of year, at cost
						Em- ployees	Pay- roll	
Merchant wholesalers—Con.	<i>Number</i>	<i>\$1,000</i>	<i>\$1,000</i>	<i>\$1,000</i>	<i>Number</i>	<i>Number</i>	<i>\$1,000</i>	<i>\$1,000</i>
Farm products (raw materials):								
Cotton	325	1,768,332	78,832	16,995	320	3,381	251	161,198
Grain	391	3,022,406	64,976	29,358	145	8,084	571	128,326
Hides, skins, raw furs	858	504,212	29,696	12,997	735	3,818	227	50,952
Livestock (except horses, mules)	413	491,306	9,026	2,707	428	800	51	4,486
Tobacco (leaf)	148	225,676	21,528	10,182	76	5,684	200	27,574
Wool, mohair	271	513,313	25,149	11,920	191	1,918	174	63,887
Misc. inedible farm products	188	378,848	16,310	6,701	129	1,483	117	28,999
Automotive:								
Automobiles, other motor vehicles	2,270	1,450,871	145,570	79,398	1,501	24,234	1,553	122,055
Automobiles, new and used	730	902,083	60,962	31,397	516	9,331	619	55,565
Trucks, tractors (road type)	1,540	548,788	84,608	48,001	985	14,903	934	69,490
Automotive equip., tires and tubes	12,423	2,640,718	580,752	345,236	8,629	112,095	6,681	484,595
Automotive parts, accessories	11,059	2,325,491	520,984	315,227	7,032	102,795	6,097	439,857
Garage equipment, tools	390	75,967	17,050	9,995	243	2,978	194	15,188
Tires, tubes	974	239,260	42,718	20,014	754	6,322	390	32,600
Electrical goods:								
Electrical goods (general line)	540	1,521,874	156,128	92,550	33	26,305	1,791	180,193
Wiring supplies, construction materials, apparatus, and equipment	2,385	864,672	140,182	81,426	1,501	23,151	1,511	108,855
Wiring supplies, construction materials	1,890	717,026	108,195	62,495	1,181	17,785	1,158	87,551
Apparatus and equipment	495	147,646	31,987	18,931	320	5,366	353	21,304
Electrical appliances, specialties	2,518	2,038,020	267,196	147,942	1,943	40,992	2,869	225,823
Elec. appliances (general line)	365	769,714	98,363	55,162	107	14,407	1,068	85,416
Radios, television sets	1,210	491,215	75,571	41,213	781	12,157	803	56,858
Refrigerators, equipment (household)	239	443,158	42,183	24,185	73	6,661	476	44,765
Misc. appliances, specialties	704	383,933	51,079	27,382	382	7,767	522	38,784
Hardware, plumbing, heating:								
Hardware	2,153	2,013,997	314,115	203,852	1,259	59,359	3,720	366,191
General line (with industrial department)	361	1,196,485	181,083	122,712	28	35,173	2,238	221,391
General line (without industrial department)	312	501,622	73,657	47,966	112	13,931	860	87,781
Specialty lines	1,480	315,850	59,375	33,174	1,119	10,255	621	57,019
Plumbing, heating equip., supplies	3,748	1,812,960	273,952	157,832	1,879	43,381	2,926	260,625
Plumbing, heating (general line)	1,963	1,215,932	168,875	99,354	896	27,208	1,809	174,468
Heating (incl. stoves, ranges)	558	175,069	30,982	16,253	260	4,467	312	21,985
Plumbing fixtures, supplies	902	325,501	52,116	29,097	574	7,890	545	49,148
Air conditioning, ventilating equipment	325	96,458	21,979	13,128	149	3,816	261	15,024
Lumber, construction materials:								
Lumber, millwork	3,312	2,793,620	301,454	168,222	1,713	47,269	3,110	197,596
Direct mill shippers	965	1,055,673	57,538	26,814	615	5,192	484	3,444
Distributors with yards	2,347	1,737,947	243,916	141,408	1,098	42,077	2,626	194,152
Other construction materials	2,578	1,141,116	251,246	135,685	1,259	39,795	2,651	79,481
Brick, tile, terra cotta	272	99,606	15,597	7,987	127	2,162	150	5,892
Cement, iron, glass, plaster	205	109,743	22,247	12,045	88	3,431	235	5,477
Glass (building)	343	109,964	31,272	20,750	221	5,787	382	13,120
Sand, gravel, crushed stone	200	87,098	21,668	10,036	122	2,983	211	2,617
Ready-mixed concrete distributors	358	175,403	59,091	30,098	170	9,104	618	4,219
Roofing, siding, insulation	345	173,772	24,639	13,337	156	3,702	262	14,955
Misc. construction materials	855	385,530	76,732	41,432	375	12,626	795	33,192
Machinery, equipment, supplies:								
Commercial machines, equipment	4,814	870,025	207,947	112,506	3,537	32,722	2,126	120,325
Commercial refrigeration equipment	1,223	219,930	52,876	28,564	824	8,067	531	32,443
Office machines, equipment	896	104,172	29,274	17,243	661	5,683	359	13,352
Restaurant, hotel supplies (principally nonfood)	835	194,807	43,700	24,273	638	7,075	457	32,117
Store machines, fixtures	1,480	271,086	62,660	33,347	1,119	9,489	615	33,347
Other commercial machines, equipment	380	80,030	19,437	9,079	295	2,408	165	9,066
Construction machinery, equipment	936	786,561	129,570	74,349	344	17,832	1,399	132,060
Farm-dairy machinery, equipment	883	485,297	56,052	28,568	521	8,152	545	57,762
Industrial machinery, equipment, supplies	7,304	2,999,989	480,193	269,660	3,973	72,763	5,156	401,110
Industrial machinery, equipment (general line)	241	331,219	57,297	36,610	42	9,728	709	46,727
Belting, hose, packing	233	60,311	12,961	8,183	112	1,921	146	7,330
Machine tools	528	178,675	29,733	17,048	399	3,687	303	16,489
Mine, mill supplies	639	332,594	54,580	31,884	372	8,770	593	44,507
Oil well, oil refining supplies	1,027	718,051	66,466	30,798	272	9,099	630	102,217

For footnotes, see p. 889.

No. 1043.—WHOLESALE ESTABLISHMENTS, BY TYPE OF OPERATION AND KIND OF BUSINESS: 1948—Continued

TYPE OF OPERATION AND KIND OF BUSINESS	Estab-lish-ments	Sales, entire year	Operat-ing ex-penses (includ-ing pay-roll) ¹	Payroll, entire year	Active propri-eters, ² No-vem-ber	PAID EMPLOYEES AND PAYROLL, WORKWEEK ENDED NEAREST NOV. 15		Stocks on hand, end of year, at cost
						Em-ployees	Pay-roll	
Merchant wholesalers—Con.								
Machinery, etc.—Con.								
Industrial machinery, etc.—Con.								
Printing machinery, supplies (except paper).....	Number	\$1,000	\$1,000	\$1,000	Number	Number	\$1,000	\$1,000
Rope, cordage.....	215	52,001	11,096	6,132	119	1,443	111	5,587
Used machinery, equipment.....	111	75,134	6,712	4,010	53	787	68	5,828
Miscellaneous industrial ma-chinery, supplies.....	176	41,728	9,626	4,513	146	1,174	80	10,443
Professional equipment, supplies.....	4,134	1,210,276	231,722	130,482	2,458	36,154	2,517	161,982
Dental supplies.....	2,696	571,154	146,304	88,750	1,480	20,198	1,074	90,834
Religious supplies.....	472	96,761	25,198	15,325	254	4,997	285	18,650
School equipment, supplies.....	145	18,878	4,746	2,630	129	1,108	48	4,129
Surgical, medical, hospital equip-ment, supplies.....	252	65,601	12,994	7,537	167	2,468	148	9,589
Miscellaneous professional equip-ment, supplies.....	717	216,383	49,347	28,971	386	8,062	544	30,205
Service establishment equipment, supplies.....	1,010	173,541	54,019	33,987	544	12,563	650	28,261
Barber, beauty supplies.....	4,240	767,142	145,579	75,640	3,312	23,057	1,393	111,313
Laundry, dry cleaning equip-ment, supplies.....	1,063	100,228	32,684	16,956	883	6,237	326	20,323
Shoe findings.....	388	114,022	24,215	12,496	234	3,375	226	14,115
Undertakers' supplies.....	1,307	334,044	39,580	19,592	1,077	5,347	340	47,734
Upholsters' supplies.....	102	10,083	2,835	1,527	73	505	28	1,740
Misc. service equipment, supplies.....	190	45,504	8,339	4,354	137	1,301	78	7,724
Transportation (except auto-motive) equipment, supplies.....	1,190	163,261	37,926	20,715	908	6,272	395	19,677
Aircraft, aeronautical equipment, supplies.....	657	251,204	49,528	24,471	313	5,893	457	30,707
Railroad equipment, supplies.....	196	56,175	13,319	5,991	85	1,753	122	6,343
Marine equipment, supplies.....	84	69,910	12,329	5,597	29	828	99	5,324
Other transportation equipment, supplies.....	334	113,560	21,610	11,519	179	3,009	212	17,516
Metals, metal work (except scrap):	43	11,559	2,270	1,364	20	303	25	1,524
Iron, steel and products.....	1,545	1,551,841	212,304	116,112	725	28,516	2,116	166,207
Nonferrous metals, metal work.....	258	504,874	36,630	21,181	102	5,052	379	36,239
Waste materials:								
Iron, steel scrap.....	3,054	1,699,428	163,613	85,058	2,744	27,981	1,562	52,608
Other scrap, waste materials.....	4,663	999,872	156,558	82,488	4,666	31,836	1,531	50,470
Other merchant wholesalers:								
Amusement, sporting goods.....	2,226	566,754	97,808	50,044	1,742	16,094	952	71,398
Cameras, photographic goods.....	459	173,329	29,359	14,328	250	4,378	279	18,727
Sporting goods, toys, games.....	1,727	386,073	67,234	35,166	1,455	11,511	662	52,130
Other recreation goods.....	40	7,352	1,215	550	37	205	11	541
Books, periodicals, newspapers.....	1,601	459,950	82,718	51,837	1,040	22,449	1,027	28,049
Coal, coke.....	982	2,077,284	87,872	46,303	261	11,311	847	64,630
Direct shippers (without yards).....	640	1,471,620	47,627	25,531	161	5,174	463	2,540
Distributors with yards.....	342	605,664	40,245	20,772	100	6,137	384	62,090
Farm supplies.....	1,658	1,271,599	114,444	58,936	1,146	20,734	1,092	89,965
Feed.....	857	609,325	38,353	18,289	671	6,321	339	22,620
Fertilizers, agri. chemicals.....	244	149,336	17,078	7,516	124	2,295	141	10,550
Seeds.....	483	327,450	49,123	27,878	305	10,302	515	42,476
Miscellaneous farm supplies.....	74	185,488	9,290	5,253	46	1,816	97	14,319
Jewelry.....	3,391	799,012	120,590	62,943	3,183	16,056	1,190	156,782
Jewelry (general line).....	387	204,586	33,321	18,066	301	4,580	349	37,040
Clocks, watches.....	443	108,598	18,148	9,134	375	2,145	173	21,405
Precious stones, metals.....	526	205,200	14,566	6,675	519	1,152	117	43,580
Watch materials, jewelers' tools, supplies.....	274	43,099	9,267	5,511	268	1,928	104	7,525
Costume jewelry.....	441	71,834	14,971	7,895	401	2,412	160	9,853
Miscellaneous jewelry.....	1,320	165,695	30,317	15,062	1,319	4,289	286	37,379
Petroleum and products.....	1,196	750,220	64,944	30,807	705	8,822	582	34,090
Merchant wholesalers, misc. products.....	4,634	2,488,921	263,871	138,095	3,400	42,616	2,556	211,027
Flowers (cut), potted plants.....	545	129,848	24,644	14,056	425	4,285	247	4,065
Bulbs, plants.....	91	17,896	4,510	2,465	55	860	50	882
Forest products (except lumber).....	393	147,673	20,828	11,376	309	4,481	228	10,497
General merchandise.....	183	720,247	72,218	41,870	70	12,347	754	68,397
Leather goods.....	115	17,302	3,625	1,897	101	677	37	2,814
Oils and fats (inedible).....	68	181,070	11,642	5,817	36	1,541	106	12,243
Textiles and materials other than dry goods.....	636	264,872	29,529	15,502	503	5,515	280	24,849
Yarns (industrial).....	236	154,823	11,062	5,385	132	1,124	96	14,706
Kinds of business, n. e. c.....	2,367	855,190	85,813	39,727	1,769	11,786	759	72,574

For footnotes, see p. 889.

No. 1043.—WHOLESALE ESTABLISHMENTS, BY TYPE OF OPERATION AND KIND OF BUSINESS: 1948—Continued

TYPE OF OPERATION AND KIND OF BUSINESS	Estab-lish-ments	Sales, entire year	Operat-ing ex-penses (includ-ing pay-roll) ¹	Payroll, entire year	Active propri-eters, ² No-vem-ber	PAID EMPLOYEES AND PAYROLL, WORKWEEK ENDED NEAREST NOV. 15		Stocks on hand, end of year, at cost
						Em-loyees	Pay-roll	
Manufacturers' sales branches (with stocks).....	Number	\$1,000	\$1,000	\$1,000	Number	Number	\$1,000	\$1,000
Manufacturers' sales offices (without stocks).....	15,716	29,229,717	2,909,299	1,501,413	527	411,725	29,132	1,749,770
Petroleum bulk stations, terminals, total.....	8,052	23,508,860	1,021,132	420,241	254	89,890	8,112	-----
Refiner-market stations.....	29,451	10,615,650	956,074	345,847	23,952	112,466	6,840	709,205
Refiner-market stations.....	19,053	7,392,698	627,978	213,245	16,278	67,117	4,263	529,929
Marketers without refining facilities.....	10,074	3,136,347	310,803	125,173	7,593	42,982	2,430	176,007
Marketers of liquified petroleum gas.....	324	86,605	17,293	7,429	81	2,367	147	6,179
Agents, brokers, total.....	24,361	34,610,092	894,395	350,148	21,820	101,650	6,761	68,829
Groceries, confectionery, meats.....	3,171	5,487,102	108,079	45,285	2,938	10,962	832	9,002
Groceries, foods (except as specified).....	2,883	4,740,299	98,907	42,354	2,639	10,258	775	8,551
Confectionery.....	147	100,226	3,733	1,221	160	304	23	34
Fish, sea foods.....	58	32,460	1,401	616	49	165	11	376
Meats, meat products.....	83	614,117	4,038	1,094	90	235	22	41
Farm products (edible).....	1,155	1,778,371	53,212	25,069	933	7,440	469	3,640
Dairy, poultry products.....	195	387,457	5,930	2,523	161	786	53	705
Fruits, vegetables (fresh).....	960	1,390,914	47,282	22,546	772	6,654	415	2,935
Beer, wines, distilled spirits.....	97	64,187	2,782	727	73	171	14	560
Beer, ale.....	17	11,839	639	124	14	36	3	136
Wines, distilled spirits.....	80	52,348	2,143	603	59	135	11	424
Drugs, chemicals, allied products.....	499	392,648	17,513	7,281	368	1,625	137	1,427
Drugs, drug sundries.....	182	90,155	5,499	2,332	146	642	48	191
Industrial chemicals, explosives.....	251	270,335	10,646	4,409	168	842	80	1,120
Paints, varnishes.....	66	32,158	1,368	540	54	141	10	116
Tobacco and products (except leaf).....	19	5,520	216	54	20	20	1	21
Dry goods, apparel.....	3,293	5,497,838	173,992	63,214	3,090	12,117	1,150	8,143
Clothing, furnishings (general line).....	245	519,560	11,189	5,546	213	1,405	108	806
Men's, boys' clothing, furnishings.....	358	215,723	9,360	3,205	337	608	58	490
Women's, children's clothing, furnishings.....	824	721,486	23,742	8,407	865	2,252	166	458
Furs (dressed), fur clothing.....	94	56,027	1,845	642	95	183	11	111
Millinery, millinery supplies.....	135	57,494	2,955	964	156	252	19	9
Shoes, other footwear.....	182	78,229	3,587	509	180	111	10	33
Dry goods (general line).....	392	625,591	14,482	4,660	360	1,196	82	358
Hosiery, underwear.....	225	223,685	10,404	4,058	206	653	73	466
Piece goods.....	838	2,099,443	96,428	35,223	678	5,457	623	5,912
Furniture, home furnishings.....	1,045	469,963	27,779	9,337	984	2,221	184	991
Furniture (household, office).....	484	204,345	13,015	3,964	460	896	79	329
Home furnishings, floor coverings.....	561	265,618	14,764	5,373	524	1,325	105	662
Paper and its products.....	407	251,077	10,600	3,904	340	878	75	512
Stationery, office supplies.....	105	25,076	1,831	799	98	223	16	219
Other paper products.....	302	226,001	8,769	3,105	242	655	59	293
Farm products (raw materials).....	3,744	11,739,902	137,688	58,287	3,705	35,492	1,338	18,188
Cotton.....	362	835,198	7,087	2,303	353	703	44	5,074
Grain.....	356	1,616,616	14,986	6,101	260	1,479	106	2,869
Hides, skins, raw furs.....	216	352,086	9,356	4,438	171	894	72	1,873
Livestock (except horses, mules).....	1,864	7,312,305	62,357	28,198	2,009	19,786	570	3,598
Tobacco (leaf).....	674	1,007,856	35,700	13,683	660	11,704	485	1,118
Wool, mohair.....	171	407,319	5,298	2,280	166	487	35	2,118
Misc. inedible farm products.....	101	208,522	2,904	1,284	86	379	27	1,538
Automotive.....	556	459,614	21,859	8,167	489	1,823	160	802
Automobiles, other motor vehicles.....	62	86,535	1,953	791	57	252	14	233
Automotive equipment, tires and tubes.....	494	373,079	19,906	7,376	432	1,571	146	569
Electrical goods.....	1,312	683,553	42,209	13,970	1,207	3,236	271	1,872
Wiring supplies, apparatus.....	945	477,298	30,509	10,204	867	2,307	195	1,494
Electrical appliances, specialties.....	367	206,255	11,700	3,766	340	929	76	378
Hardware, plumbing, heating.....	1,236	468,431	33,932	12,985	1,136	2,982	238	2,191
Hardware.....	497	227,178	14,167	4,782	470	1,168	88	487
Plumbing, heating equip., supplies.....	739	241,253	19,765	8,203	666	1,814	150	1,704
Lumber, construction materials.....	788	539,286	25,402	7,888	654	1,901	161	2,260
Lumber, millwork.....	528	432,518	17,934	4,786	439	1,073	97	1,768
Other construction materials.....	260	106,768	7,468	3,102	215	828	64	492

For footnotes, see p. 889.

No. 1043.—WHOLESALE ESTABLISHMENTS, BY TYPE OF OPERATION AND KIND OF BUSINESS: 1948—Continued

TYPE OF OPERATION AND KIND OF BUSINESS	Estab- lish- ments	Sales, entire year	Operat- ing ex- penses (includ- ing pay roll) ¹	Payroll, entire year	Active proprietors, ² No- vember	PAID EMPLOYEES AND PAYROLL, WORKWEEK ENDED NEAREST NOV. 15		Stocks on hand, end of year, at cost
						Em- ployees	Pay- roll	
Agents, brokers—Continued	<i>Number</i>	<i>\$1,000</i>	<i>\$1,000</i>	<i>\$1,000</i>	<i>Number</i>	<i>Number</i>	<i>\$1,000</i>	<i>\$1,000</i>
Machinery, equipment, supplies.....	3,365	1,422,424	94,417	38,669	2,841	8,525	729	7,966
Commercial machines, equipment.....	339	75,938	6,464	3,008	302	956	63	868
Construction machinery, equip- ment.....	82	28,603	2,229	1,227	54	259	21	552
Farm-dairy machinery, equipment, supplies.....	64	28,993	1,664	814	48	176	16	353
Industrial machinery, equipment, supplies.....	2,191	827,266	64,928	26,480	1,867	5,639	495	4,951
Professional equipment, supplies.....	109	22,124	1,751	699	86	200	14	109
Service establishment equipment, supplies.....	380	258,169	10,205	3,606	344	757	65	866
Transportation (except automotive) equipment, supplies.....	200	181,331	7,176	2,775	140	538	55	267
Metals, metal work (except scrap).....	743	726,293	24,485	8,577	608	1,843	159	1,059
Iron, steel and products.....	638	542,949	20,964	7,171	522	1,578	132	899
Nonferrous metals, metal work.....	105	183,344	3,521	1,406	86	265	27	190
Waste materials.....	90	200,562	7,070	3,227	50	557	51	532
Iron, steel scrap.....	50	164,613	5,292	2,313	34	348	34	461
Other scrap, waste materials.....	40	35,949	1,778	914	16	209	17	71
Other agents, brokers.....	2,841	4,423,321	113,160	43,507	2,384	9,857	792	9,633
Amusement, sporting goods.....	336	149,937	9,566	3,305	316	762	64	420
Books, periodicals, newspapers.....	118	57,782	6,691	2,839	112	989	50	160
Coal, coke.....	201	655,757	19,289	7,247	80	1,289	127	428
Farm supplies.....	220	457,339	7,565	3,316	173	776	56	1,309
Jewelry.....	369	121,966	5,192	854	389	237	17	3,210
Petroleum and products.....	124	373,605	7,283	2,432	74	401	46	173
Agents and brokers, misc. prod.....	1,473	2,606,935	57,574	23,514	1,240	5,403	431	3,933
Assemblers (mainly farm prod- ucts), total.....	19,268	10,957,893	664,405	308,683	10,114	159,068	6,727	432,367
Groceries, confectionery, meats:								
Fish, sea foods.....	591	118,225	27,823	14,347	501	12,364	404	3,850
Other grocery, food specialties.....	253	206,617	27,804	12,920	125	11,576	438	21,430
Dried fruits, nuts.....	165	170,372	22,209	10,181	90	9,871	367	15,383
Misc. grocery specialties.....	88	36,245	5,595	2,739	35	1,705	71	6,047
Farm products (edible):								
Dairy, poultry products.....	3,939	1,618,011	114,249	51,525	2,756	23,977	1,059	36,277
Fruits, vegetables (fresh).....	2,137	1,102,832	254,602	121,800	1,352	64,848	2,681	33,777
Farm products (raw materials):								
Cotton.....	1,238	920,720	24,793	8,393	938	5,074	235	43,953
Grain.....	8,380	4,192,851	146,881	71,569	2,427	28,636	1,359	193,213
Hides, skins, raw furs.....	166	44,139	3,698	1,630	137	795	36	2,599
Livestock (except horses, mules).....	1,532	2,233,335	28,717	10,188	1,273	4,814	200	6,895
Tobacco (leaf).....	75	128,105	3,332	1,840	56	716	27	54,767
Wool, mohair.....	82	62,015	3,592	1,296	69	380	19	3,093
Misc. inedible farm products.....	466	175,644	14,249	5,956	214	2,956	133	22,233
Other assemblers:								
Farm supplies.....	384	151,167	14,077	6,630	246	2,755	129	9,809
Food.....	158	69,119	5,049	2,388	115	942	46	2,917
Seeds.....	163	60,689	7,005	3,299	83	1,601	71	6,254
Miscellaneous farm supplies.....	63	21,359	2,023	943	48	312	12	638
Assemblers, misc. products.....	25	4,232	588	289	20	177	7	462

¹ Entries for agents and brokers represent brokerage or commission received.² Proprietors of unincorporated businesses.³ Not available or not applicable.

Source: Department of Commerce, Bureau of Census; U. S. Census of Business: 1948, Vol. V.

No. 1044.—WHOLESALE TRADE—SUMMARY, BY TYPE OF OPERATION AND NUMBER OF EMPLOYEES: 1948

TYPE OF OPERATION, EMPLOYEE-SIZE GROUP ¹	Establishments	Sales, entire year	Payroll, entire year	Active proprietors, ² November	PAID EMPLOYEES AND PAYROLL, WORK-WEEK ENDED NEAREST NOV. 15	
					Employees	Payroll
	Number	\$1,000	\$1,000	Number	Number	Dollars
United States, total	244,705	190,480,298	8,310,606	163,490	2,463,433	159,496,195
Administrative, auxiliary units.....	1,339	1,791,497	319,893		80,644	6,272,228
Wholesale establishments.....	243,366	188,688,801	7,990,713	163,490	2,382,789	153,223,967
No paid employees.....	36,682	4,630,719	25,071			
1-2 paid employees.....	64,159	15,265,957	204,792		93,648	5,034,193
3-5 paid employees.....	53,630	22,092,456	651,830		205,247	12,513,877
6-9 paid employees.....	32,285	21,742,644	737,082		232,780	14,963,802
10-19 paid employees.....	29,309	31,432,641	1,304,016		395,578	25,847,585
20-49 paid employees.....	19,463	40,452,979	1,938,515		577,568	37,930,369
50 or more paid employees.....	7,538	52,121,405	2,913,807		877,968	56,934,141
Merchant wholesalers, total	146,793	79,815,763	5,109,223	106,823	1,519,613	96,490,216
Administrative, auxiliary units.....	275	49,174	44,842		11,623	838,245
Wholesale establishments.....	146,518	79,766,589	5,064,381	106,823	1,507,990	95,651,971
No paid employees.....	18,291	1,243,127	9,434		23,005	
1-2 paid employees.....	39,635	4,040,086	131,695		49,619	2,619,595
3-5 paid employees.....	39,482	8,164,659	302,851		129,096	7,645,954
6-9 paid employees.....	22,421	9,571,604	551,358		161,966	10,040,255
10-19 paid employees.....	20,661	14,748,826	946,696		278,383	17,781,456
20-49 paid employees.....	13,229	19,430,471	1,356,679		390,467	25,493,499
50 or more paid employees.....	4,799	22,567,816	1,695,638		498,459	32,271,212
Manufacturers' sales branches, offices, total	24,167	52,858,378	1,990,393	781	518,971	38,581,140
Administrative, auxiliary units.....	399	119,801	68,739		17,356	1,337,600
Wholesale establishments.....	23,768	52,738,577	1,921,654	781	501,615	37,243,540
No paid employees.....	257	34,182	1,873		122	
1-2 paid employees.....	4,438	1,374,152	33,220		6,744	638,262
3-5 paid employees.....	4,737	3,480,521	84,163		18,462	1,614,759
6-9 paid employees.....	3,740	4,445,958	116,973		27,341	2,248,502
10-19 paid employees.....	4,673	8,326,089	201,925		64,337	5,030,875
20-49 paid employees.....	3,882	12,987,367	447,359		117,511	8,654,308
50 or more paid employees.....	2,041	22,090,308	970,171		267,220	19,095,934
Petroleum bulk stations, terminals, total	30,058	12,202,278	539,061	23,952	160,843	10,695,246
Administrative, auxiliary units.....	607	1,585,628	193,214		48,377	3,854,890
Wholesale establishments.....	29,451	10,615,650	345,847	23,952	112,466	6,840,356
No paid employees.....	8,116	836,352	1,610		8,463	
1-2 paid employees.....	10,732	1,690,606	36,680		9,013	15,293
3-5 paid employees.....	6,178	1,906,218	60,504		23,040	1,208,323
6-9 paid employees.....	2,184	1,248,529	45,736		15,465	905,649
10-19 paid employees.....	1,297	1,460,761	56,449		17,123	1,104,531
20-49 paid employees.....	662	1,699,188	68,483		19,709	1,362,764
50 or more paid employees.....	232	1,973,996	70,385		21,836	1,547,607
Agents, brokers, total	24,377	34,619,208	356,740	21,820	103,258	6,887,793
Administrative, auxiliary units.....	16	9,116	6,592		1,608	126,603
Wholesale establishments.....	24,361	34,610,092	350,148	21,820	101,650	6,761,190
No paid employees.....	7,090	2,166,265	4,958		8,005	
1-2 paid employees.....	8,248	5,647,234	36,846		7,261	11,643
3-5 paid employees.....	4,691	6,761,601	72,931		3,397	17,528
6-9 paid employees.....	1,949	4,888,917	58,945		1,374	13,893
10-19 paid employees.....	1,451	5,764,339	62,489		1,104	19,547
20-49 paid employees.....	774	5,254,660	61,404		21,955	1,303,186
50 or more paid employees.....	158	4,127,076	52,875		17,084	1,042,294
Assemblers (mainly farm products), total	19,310	10,984,671	315,189	10,114	160,748	6,841,800
Administrative, auxiliary units.....	42	26,778	6,506		1,680	114,990
Wholesale establishments.....	19,268	10,957,893	308,683	10,114	159,068	6,726,810
No paid employees.....	2,928	550,793	7,196		3,012	
1-2 paid employees.....	7,056	2,513,879	26,351		10,349	456,966
3-5 paid employees.....	4,542	2,679,457	41,361		1,896	17,121
6-9 paid employees.....	1,991	1,587,636	34,070		803	14,115
10-19 paid employees.....	1,227	1,182,626	37,057		587	16,188
20-49 paid employees.....	916	1,081,263	49,610		473	27,926
50 or more paid employees.....	608	1,362,209	113,038		253	73,369

¹ Based on total number of paid employees as of Nov. 15, 1948.² Proprietors of unincorporated businesses.

Source: Department of Commerce, Bureau of the Census; U. S. Census of Business: 1948, Vol. IV.

No. 1045.—WHOLESALE TRADE—SUMMARY FOR SELECTED STANDARD METROPOLITAN AREAS: 1948

[Metropolitan areas with 1950 population of 1,000,000 inhabitants or more (as defined by the Bureau of the Budget) listed in order of population]

METROPOLITAN AREA	Estab- lish- ments	Sales, entire year	Payroll, entire year	Active proprietors, ¹ No- vember	PAID EMPLOYEES AND PAYROLL, WORK- WEEK ENDED NEAREST NOV. 15	
					Employ- ees	Payroll
Entire United States	Number 244,705	\$1,000 190,480,298	\$1,000 8,310,606	Number 163,490	Number 2,463,433	Dollars 159,496,195
Administrative, auxiliary units	1,339	1,791,497	319,593		80,644	6,272,228
Wholesale establishments	243,366	188,688,801	7,990,713	163,490	2,382,789	153,223,967
Metropolitan areas with population of 1,000,000 or more inhabitants	100,107	103,855,536	4,400,110	68,508	1,132,514	83,269,306
Administrative, auxiliary units	583	1,233,463	181,651		43,114	3,543,018
Wholesale establishments	99,524	102,622,073	4,218,459	68,508	1,089,400	79,726,288
New York-Northeastern New Jersey area	41,202	42,209,821	1,661,790	28,207	390,340	30,796,906
Administrative, auxiliary units	149	438,876	62,256		13,625	1,197,538
Wholesale establishments	41,053	41,770,945	1,599,534	28,207	376,715	29,599,368
Chicago (Ill.) area	11,879	15,266,089	622,232	7,981	156,899	11,881,039
Administrative, auxiliary units	72	185,981	24,951		6,080	506,583
Wholesale establishments	11,807	15,080,108	597,281	7,981	150,819	11,374,451
Los Angeles (Calif.) area	8,415	6,060,357	343,092	6,554	95,981	6,763,246
Administrative, auxiliary units	40	125,508	16,042		4,075	332,388
Wholesale establishments	8,375	5,934,849	327,050	6,554	91,906	6,430,858
Philadelphia (Pa.) area	6,539	(2)	258,169	5,412	74,717	4,882,808
Administrative, auxiliary units	36	(2)	9,597		2,293	184,080
Wholesale establishments	6,503	5,736,681	248,572	5,412	72,424	4,698,728
Detroit (Mich.) area	4,136	(2)	207,934	2,829	52,635	4,079,172
Administrative, auxiliary units	36	(2)	10,559		2,618	209,688
Wholesale establishments	4,100	4,866,105	197,375	2,829	50,017	3,869,484
Boston (Mass.) area	5,532	5,474,986	240,042	2,651	63,667	4,343,391
Administrative, auxiliary units	45	134,582	13,448		3,126	261,953
Wholesale establishments	5,487	5,340,404	226,594	2,651	60,541	4,081,438
San Francisco-Oakland (Calif.) area	5,086	(2)	250,245	3,913	65,464	4,817,570
Administrative, auxiliary units	34	(2)	9,007		2,162	176,841
Wholesale establishments	5,052	5,006,634	241,238	3,913	63,302	4,640,729
Pittsburgh (Pa.) area	2,945	(2)	131,764	2,604	37,676	2,580,877
Administrative, auxiliary units	22	(2)	3,403		850	70,595
Wholesale establishments	2,923	3,107,418	128,361	2,604	36,826	2,510,282
St. Louis (Mo.) area	3,525	(2)	(2)	(2)	(2)	(2)
Administrative, auxiliary units	29	(2)	(2)	(2)	(2)	(2)
Wholesale establishments	3,496	3,990,234	162,761	2,050	48,325	3,120,283
Washington (D. C.) area	1,295	1,336,616	69,053	671	19,186	1,322,072
Administrative, auxiliary units	19		1,601		418	34,010
Wholesale establishments	1,276	1,336,616	67,452	671	18,768	1,288,062
Cleveland (Ohio) area	3,035	3,539,302	154,229	1,706	39,654	2,959,324
Administrative, auxiliary units	21	43,388	5,950		1,453	110,929
Wholesale establishments	3,014	3,495,914	148,279	1,706	38,231	2,848,395
Baltimore (Md.) area	2,285	1,800,574	89,863	1,586	27,589	1,710,293
Administrative, auxiliary units	22	25,966	5,896		1,489	101,983
Wholesale establishments	2,263	1,774,608	83,967	1,586	26,100	1,608,310
Minneapolis-St. Paul (Minn.) area	2,476	(2)	(2)	(2)	(2)	(2)
Administrative, auxiliary units	46	(2)	(2)	(2)	(2)	(2)
Wholesale establishments	2,430	3,652,701	122,964	1,306	36,098	2,377,357
Buffalo (N. Y.) area	1,757	(2)	69,701	1,038	20,093	1,331,023
Administrative, auxiliary units	12	(2)	2,670		765	52,480
Wholesale establishments	1,745	1,528,856	67,031	1,038	19,328	1,278,543

¹ Active proprietors of unincorporated businesses.² Withheld to avoid disclosure of individual operations.Source: Department of Commerce, Bureau of the Census; *U. S. Census of Business: 1948*, Vol. V.

NO. 1046.—RETAIL TRADE—SALES, BY KIND-OF-BUSINESS GROUPS; AND TOTAL INVENTORIES: 1929 TO 1951

[Millions of dollars. Revisions to bring estimated sales in line with those reported in 1948 Census of Business have been made from 1940 forward for all lines of trade; some few lines have been revised for all years]

KIND-OF-BUSINESS GROUP	1929	1935	1939	1945	1946	1947	1948	1949	1950	1951
SALES										
All retail stores.....	148,459	32,791	42,042	78,034	102,488	119,604	130,521	130,721	143,689	150,589
Durable goods stores.....	15,610	8,321	11,312	16,026	27,570	36,652	41,876	43,882	52,935	51,882
Automotive group.....	7,031	4,237	5,549	5,855	11,922	17,082	20,104	22,940	28,289	26,465
Motor vehicle dealers.....	6,432	3,863	5,025	5,000	10,647	15,804	18,744	21,669	26,702	24,783
Parts and accessories.....	509	374	524	855	1,275	1,278	1,360	1,271	1,587	1,682
Building materials and hardware group.....	3,327	1,572	2,300	3,739	6,017	7,688	8,766	8,237	10,092	10,722
Lumber and building materials.....	2,621	1,105	1,761	2,502	4,106	5,433	6,272	5,895	7,458	7,798
Hardware.....	706	467	629	1,237	1,911	2,255	2,494	2,342	2,634	2,924
Home furnishings group.....	2,755	1,290	1,733	2,740	4,839	6,353	6,914	6,790	8,249	7,863
Furniture and house furnishings.....	1,813	852	1,200	2,101	3,264	4,042	4,371	4,155	4,847	4,850
Household appliances and radio.....	942	438	533	639	1,575	2,311	2,543	2,635	3,402	3,013
Jewelry.....	536	235	362	997	1,260	1,247	1,225	1,136	1,174	1,170
Other durable goods stores.....	1,961	987	1,278	2,695	3,532	4,282	4,867	4,779	5,131	5,662
Nondurable goods stores.....	32,849	24,470	30,730	62,008	74,918	82,952	88,645	86,839	90,754	98,707
Apparel group.....	4,241	2,656	3,259	7,689	8,880	9,294	9,803	9,332	9,333	9,856
Men's clothing and furnishings.....	1,358	727	840	1,769	2,195	2,309	2,309	2,183	2,175	2,249
Women's apparel and accessories.....	1,480	1,026	1,323	3,338	3,591	3,638	3,961	3,698	3,606	3,846
Family and other apparel.....	596	392	479	1,442	1,717	1,904	2,066	1,997	2,041	2,155
Shoes.....	807	511	617	1,140	1,377	1,443	1,467	1,454	1,511	1,606
Drug stores.....	1,690	1,233	1,563	3,155	3,723	3,867	4,013	4,037	4,166	4,478
Eating and drinking places.....	2,132	2,395	3,529	9,575	10,619	10,651	10,683	10,470	10,626	11,321
Food group.....	10,960	8,358	10,156	19,233	24,155	28,434	30,966	30,965	32,768	36,940
Grocery and combination.....	7,353	6,352	7,722	14,593	18,646	22,501	24,770	24,800	26,412	29,816
Other food.....	3,607	2,006	2,434	4,640	5,509	5,933	6,196	6,165	6,356	7,124
Gasoline service stations.....	1,787	1,968	2,822	3,284	4,511	5,482	6,483	6,957	7,553	8,390
General merchandise group.....	9,015	5,730	6,475	11,802	14,724	16,053	17,135	16,307	17,235	18,030
Department, including mail order.....	4,350	3,219	3,872	7,092	9,183	10,055	10,645	10,018	10,638	10,962
Variety.....	904	873	1,080	1,845	2,158	2,322	2,507	2,506	2,587	2,782
Other general merchandise.....	3,761	1,638	1,523	2,865	3,383	3,676	3,983	3,783	4,010	4,286
Other nondurable goods stores.....	3,024	2,130	2,926	7,270	8,306	9,171	9,562	8,771	9,073	9,692
Liquor.....	328	586	2,288	2,688	2,649	2,580	2,580	2,474	2,550	2,789
All other.....	3,024	1,802	2,340	4,982	5,618	6,522	6,982	6,297	6,523	6,903
INVENTORIES										
All retail stores, inventories, end of year.....	(³)	(³)	5,285	7,442	11,231	13,372	15,192	13,909	17,071	17,300

¹ Includes sales of certain milk dealers in the amount of \$130,000,000, not included in tables 1049 and 1057. Data for these concerns were received too late for inclusion in summary tables for 1929.

² Much of increase in sales from 1929 to 1939 results from change in classification. Garages primarily selling gasoline and oil were classified separately as garages in 1929 Census of Retail Trade and included in filling station category in 1939 Census of Retail Trade.

³ Not available.

Source: Department of Commerce, Office of Business Economics; published currently in *Survey of Current Business*.

No. 1047.—RETAIL SALES OF CHAIN STORES AND MAIL-ORDER HOUSES, BY KINDS OF BUSINESS: 1929 TO 1951

[Millions of dollars. Revisions to bring estimated sales in line with those reported in 1948 Census of Business have been made from 1940 forward for all lines of trade; some few lines have been revised for all years]

KIND OF BUSINESS	1929	1935	1939	1941	1945	1948	1949	1950	1951
Total sales	10, 412	8, 040	9, 570	12, 635	17, 280	29, 737	29, 041	31, 232	33, 813
Durable goods stores	1, 683	813	1, 024	1, 465	1, 627	3, 407	3, 240	3, 863	3, 769
Automotive group.....	746	355	372	493	391	741	779	959	951
Motor-vehicle dealers.....	624	108	136	200	96	287	331	408	376
Parts and accessories.....	122	187	236	293	295	454	448	551	575
Building materials and hardware group.....	509	274	375	552	739	1, 505	1, 336	1, 561	1, 570
Lumber and building materials.....	488	256	350	480	565	1, 107	957	1, 147	1, 135
Home furnishings group.....	392	162	239	360	389	1, 027	1, 001	1, 214	1, 119
Furniture and house furnishings.....	235	97	151	226	277	562	519	592	569
Household appliances and radios.....	157	65	88	134	112	465	482	622	550
Jewelry.....	36	22	38	60	108	134	124	129	129
Nondurable goods stores	8, 729	7, 227	8, 546	11, 170	15, 653	26, 330	25, 801	27, 369	30, 044
Apparel group.....	1, 197	758	992	1, 280	2, 090	2, 729	2, 588	2, 588	2, 759
Men's clothing and furnishings.....	271	141	173	229	272	366	342	338	338
Women's apparel and accessories.....	413	290	394	504	963	1, 117	1, 049	1, 042	1, 137
Family and other apparel.....	144	78	80	135	329	548	517	512	539
Shoes.....	369	279	345	412	521	698	680	696	745
Drug and proprietary.....	312	317	400	479	704	899	847	852	905
Eating and drinking places.....	299	248	304	374	593	742	721	724	764
Food group.....	3, 475	2, 916	3, 340	4, 328	5, 614	10, 493	10, 636	11, 344	12, 921
Grocery and combination.....	2, 833	2, 408	2, 835	3, 729	4, 705	9, 319	9, 468	10, 140	11, 569
Other food.....	642	448	507	599	909	1, 174	1, 168	1, 204	1, 352
Gasoline service stations.....	605	423	288	331	271	470	505	548	609
General merchandise group.....	2, 275	2, 124	2, 093	3, 066	4, 925	8, 930	8, 560	9, 300	9, 926
Department, dry goods, and general merchandise.....	1, 013	898	1, 226	1, 828	2, 630	5, 373	5, 159	5, 743	6, 149
Mail-order (catalog).....	447	386	464	621	603	1, 301	1, 156	1, 235	1, 284
Variety.....	815	801	952	1, 147	1, 559	2, 077	2, 077	2, 143	2, 302
Other retail stores.....	566	441	529	712	1, 456	2, 097	1, 944	2, 013	2, 160

¹ Group total includes other related business not separately shown.

Source: Department of Commerce, 1935 and 1939, Bureau of the Census; *Census of Business, 1939*, Vol. I, Part 1. Other years, estimates by Office of Business Economics; based on trends shown by currently reported data of chain organizations. Current data published in *Survey of Current Business*.

No. 1048.—RETAIL SALES OF CHAIN STORES AND MAIL-ORDER HOUSES—INDEXES OF DAILY AVERAGE SALES ADJUSTED FOR SEASONAL VARIATION: 1948 TO 1951

[1935-39=100. See headnote, table 1047]

MONTH	TOTAL CHAIN STORE AND MAIL ORDER				GROCERY AND COMBINATION STORES		DRUG AND PROPRIETARY STORES		APPAREL STORES		GENERAL MERCHANDISE STORES AND MAIL ORDER	
	1948	1949	1950	1951	1950	1951	1950	1951	1950	1951	1950	1951
January.....	318.5	325.5	320.8	391.8	351.1	417.9	231.0	246.1	269.4	320.3	348.5	443.5
February.....	322.6	320.6	329.0	381.5	363.2	423.1	230.1	255.7	272.8	301.9	358.9	414.5
March.....	324.5	321.8	331.1	368.3	369.7	423.8	230.0	251.8	278.5	290.5	356.8	393.9
April.....	326.9	324.4	331.7	362.2	371.5	427.5	233.5	241.2	277.6	274.5	353.0	383.4
May.....	329.2	326.1	335.6	370.7	370.9	434.5	225.0	239.2	277.1	304.6	355.4	390.7
June.....	332.7	320.5	342.2	368.3	378.0	440.8	234.4	247.6	276.0	292.8	374.8	388.4
July.....	335.4	315.5	380.0	372.3	408.4	439.1	232.4	247.3	282.3	301.5	439.2	402.8
August.....	337.5	318.5	369.3	381.5	402.2	452.4	235.4	249.7	295.1	303.5	406.2	417.4
September.....	334.8	327.2	355.1	373.3	394.5	447.8	240.6	251.4	285.2	293.4	378.9	392.2
October.....	334.5	317.8	340.1	382.3	395.1	445.9	237.3	253.1	286.3	302.1	364.6	399.0
November.....	329.2	324.2	350.3	384.2	401.8	450.0	231.5	247.3	284.1	312.8	371.2	404.1
December.....	340.1	328.0	374.7	387.0	426.5	466.2	241.2	246.6	300.7	313.6	399.6	402.3
Annual.....	331.4	323.6	348.0	376.8	385.0	439.3	233.6	248.0	283.5	302.3	378.6	404.1

Source: Department of Commerce, Office of Business Economics; published currently in the *Survey of Current Business*.

No. 1049.—RETAIL STORES—SUMMARY, BY

KIND OF BUSINESS	NUMBER OF STORES			SALES, ENTIRE YEAR (\$1,000)		
	1929	1939	1948	1929	1939	1948
1 United States, total.....	1,476,365	1,770,355	1,769,540	48,329,652	42,041,790	130,520,548
2 Food group.....	481,891	560,549	504,439	10,837,421	10,164,967	30,965,674
3 Grocery stores, without fresh meat....	191,876	200,303	154,277	3,449,129	2,225,435	4,026,835
4 Grocery stores, with fresh meat.....	115,549	187,034	223,662	3,903,662	5,496,318	20,743,288
5 Meat markets.....	43,788	35,630	24,242	1,253,260	700,243	1,641,697
6 Fish (sea food) markets.....	6,077	6,730	5,223	83,698	50,554	133,872
7 Fruit stores, vegetable markets.....	22,904	27,666	15,763	308,379	222,239	398,968
8 Candy, nut, confectionery stores.....	63,265	48,015	32,876	571,549	295,300	649,347
9 Dairy products stores.....	4,488	7,382	6,743	156,965	142,728	358,965
10 Milk dealers.....	3,990	9,452	4,984	560,996	597,283	1,527,997
11 Bakery products stores ¹	12,013	16,985	20,152	201,003	168,027	725,021
12 Bakeries, without baking on prem- ises.....	(²)	(²)	4,466	(²)	(²)	162,649
13 Bakeries, with baking on premises.....	(²)	(²)	15,686	(²)	(²)	562,372
14 Egg, poultry dealers.....	3,258	6,532	5,582	70,858	63,350	256,664
15 Delicatessen stores.....	11,166	9,909	8,212	194,820	132,365	308,777
16 Other food stores.....	3,517	4,911	2,723	74,012	71,125	194,243
17 Eating and drinking places.....	134,293	305,386	346,556	2,124,890	3,520,052	10,683,324
18 Restaurants, cafeterias, caterers ¹	96,950	99,068	131,190	1,802,913	1,764,854	5,303,094
19 Restaurants, cafeterias.....	96,950	99,068	130,192	1,802,913	1,764,854	5,236,920
20 Caterers.....	(¹)	(¹)	998	(¹)	(¹)	66,174
21 Lunch counters, refreshment stands..	37,343	70,724	62,933	321,977	370,166	1,165,129
22 Drinking places.....		135,594	152,433		1,385,032	4,215,101
23 General stores.....	104,089	39,688	21,557	2,570,744	810,342	1,159,361
24 General merchandise group.....	54,636	50,267	52,844	6,444,101	5,665,007	15,975,357
25 Department stores.....	4,221	4,074	2,580	4,350,098	3,974,998	10,644,747
26 Dry goods, general merchandise stores.....	38,305	20,247	29,754	1,189,856	713,208	2,823,869
27 Variety stores.....	12,110	16,946	20,210	904,147	976,801	2,506,741
28 Apparel group.....	114,296	106,959	115,246	4,240,893	3,258,772	9,803,218
29 Men's, boys' clothing stores.....	17,435	15,577	14,775	936,947	664,511	1,609,902
30 Men's, boys' furnishings stores.....	10,762	5,924	8,956	255,776	108,801	556,051
31 Family clothing stores.....	10,551	10,053	12,533	562,353	429,454	1,791,317
32 Women's ready-to-wear stores.....	18,253	25,820	30,677	1,087,601	1,009,494	3,305,162
33 Millinery stores.....	12,433	10,799	5,725	161,807	118,586	108,556
34 Hosiery stores.....	1,943	2,293	1,858	54,830	35,307	71,911
35 Corset, lingerie stores.....	2,390	2,338	2,812	49,566	27,938	89,179
36 Apparel accessory, specialty stores..	925	1,863	3,086	19,588	37,318	167,221
37 Men's shoe stores.....	1,402	2,472	2,246	61,507	78,770	190,331
38 Women's shoe stores.....	1,666	2,735	2,985	130,681	154,138	372,579
39 Family shoe stores.....	21,191	15,280	13,707	614,641	384,156	873,354
40 Children's, juveniles' shoe stores.....	(³)	(³)	613	(³)	(³)	22,043
41 Custom tailors.....	11,284	5,674	4,963	165,048	66,282	142,861
42 Furriers, fur shops.....	2,280	2,214	2,350	106,862	94,133	219,290
43 Children's infants' wear stores.....	1,309	3,017	6,730	29,965	49,884	231,644
44 Other apparel stores.....	472		1,231	13,731		42,817
45 Furniture, furnishings, appliance group.....	58,941	52,827	85,585	2,754,721	1,733,257	6,914,179
46 Furniture stores.....	25,854	19,902	29,031	1,578,632	973,157	3,427,168
47 Floor covering stores.....	1,503	1,986	4,568	73,428	58,618	358,953
48 Drapery, curtain, upholstery stores.....	973	930	3,178	15,735	15,843	141,403
49 China, glassware, metalware stores..	1,066	778	1,626	35,128	21,821	116,916
50 Antique stores.....	2,099	3,324	4,963	60,373	17,743	53,062
51 Other home furnishing stores.....	2,080	4,994	5,288	37,592	112,702	273,318
52 Household appliance stores.....	9,329	18,002	29,700	389,061	484,698	2,159,302
53 Radio stores.....	16,037	2,911	7,231	561,772	48,675	384,057

See footnotes at end of table.

KIND OF BUSINESS: 1929, 1939, AND 1948

PAYROLL, ENTIRE YEAR (\$1,000)			NUMBER OF ACTIVE PROPRIETORS OF UNINCORPORATED BUSINESSES			NUMBER OF PAID EMPLOYEES, WORK-WEEK ENDED NEAREST NOV. 15				
						Total		Full workweek		
1929	1939	1948	1929	1939	Nov. 1948	1939	1948	1939	1948	
5,044,128	4,529,499	13,567,997	1,434,704	1,613,673	1,742,046	4,821,806	6,918,061	3,870,195	5,608,398	1
767,207	760,762	1,943,967	468,301	516,976	509,721	814,746	1,005,897	614,930	753,503	2
183,439	110,663	145,388	171,991	178,182	152,086	131,543	89,043	92,166	60,126	3
254,264	354,140	1,112,827	113,286	173,799	228,406	421,491	597,213	307,225	432,736	4
84,898	50,984	89,645	45,248	35,886	26,222	49,599	40,205	38,524	31,859	5
7,500	4,246	8,509	6,571	6,968	5,673	5,516	5,345	3,971	4,061	6
20,583	15,993	24,249	25,106	28,282	17,380	20,282	14,893	14,606	10,667	7
45,724	20,144	56,686	67,596	45,777	31,276	31,393	43,745	22,545	29,805	8
13,583	17,892	38,135	3,879	4,111	5,468	18,180	20,579	14,552	14,967	9
101,027	140,078	263,071	4,063	9,207	4,699	81,106	82,161	78,582	78,880	10
31,061	21,735	140,719	11,782	14,284	20,906	28,933	82,509	21,409	66,167	11
(2)	(2)	22,489	(2)	(2)	2,876	(2)	14,078	(2)	10,515	12
(2)	(2)	118,230	(2)	(2)	18,030	(2)	68,431	(2)	55,652	13
3,320	3,514	11,460	3,513	6,545	5,910	5,468	7,683	3,218	4,983	14
10,699	6,911	15,252	12,184	9,895	9,245	8,442	9,349	6,815	6,924	15
11,109	14,462	38,026	3,082	4,040	2,450	12,813	13,172	11,317	12,328	16
396,075	565,585	1,940,907	148,948	306,219	372,044	830,063	1,337,186	701,188	1,080,090	17
348,700	364,451	1,169,538	109,837	101,276	143,016	544,912	828,046	478,816	688,954	18
348,700	364,451	1,153,934	100,837	101,276	142,071	544,912	815,924	478,816	683,094	19
(1)	(1)	15,604	(1)	(1)	945	(1)	12,122	(1)	5,860	20
47,375	41,445	172,952	39,111	68,726	64,451	62,970	139,818	47,475	102,849	21
-----	159,689	598,417	-----	136,217	164,577	222,181	369,322	174,897	288,287	22
115,511	47,376	65,785	121,366	38,646	21,952	62,423	41,444	50,364	33,191	23
818,930	803,485	2,304,206	47,821	36,362	39,932	965,884	1,351,387	674,324	1,004,234	24
620,990	611,706	1,660,702	1,441	560	261	637,189	843,479	489,748	683,444	25
102,578	69,975	281,578	39,037	25,910	26,738	99,246	175,020	69,270	128,956	26
95,362	121,804	361,926	7,343	9,892	12,933	229,449	332,879	115,306	191,834	27
505,353	420,823	1,178,820	99,613	82,329	99,453	417,396	585,703	318,379	458,721	28
101,245	80,382	189,495	16,649	13,194	13,474	61,510	71,090	51,682	58,903	29
22,119	10,868	54,286	9,705	4,652	8,206	9,242	22,464	7,105	17,702	30
65,086	58,478	217,854	9,345	8,317	11,370	61,598	114,083	47,012	89,171	31
134,582	132,674	404,012	15,751	20,711	26,545	143,985	228,881	113,155	182,222	32
23,788	18,888	15,941	10,106	7,472	4,736	24,569	11,374	18,091	8,185	33
9,860	3,893	6,265	1,214	1,531	1,328	8,220	3,774	2,998	2,734	34
4,591	3,077	8,895	2,170	2,111	2,740	3,384	4,867	2,701	3,753	35
1,917	3,769	18,767	630	1,261	2,526	4,443	11,120	3,127	6,507	36
5,194	7,462	16,891	418	650	921	66,257	6,694	44,509	5,101	37
15,673	19,457	48,550	535	938	1,562		20,217		14,201	38
61,351	42,831	98,383	17,455	10,417	10,296		45,940		32,517	39
(3)	(3)	2,019	(3)	(3)	575		998		784	40
39,138	16,088	33,857	11,624	5,523	4,834	13,260	13,370	10,126	11,502	41
14,344	16,809	39,527	2,103	1,794	2,116	13,402	14,978	11,939	13,781	42
2,298	6,147	19,308	1,342	3,758	7,062	7,526	13,160	5,874	9,524	43
4,167		4,780	569		1,162		2,693		2,134	44
404,095	280,545	935,625	51,962	42,491	79,875	220,950	376,311	194,796	344,375	45
208,240	146,311	441,968	26,043	17,361	27,162	108,246	163,389	101,271	152,267	46
10,281	9,311	55,745	1,475	1,826	4,059	6,422	19,348	5,640	17,854	47
2,993	2,054	22,479	975	859	3,263	2,119	10,350	1,759	9,029	48
5,435	3,655	21,191	925	582	1,522	3,046	13,793	2,740	13,039	49
6,711	2,178	4,013	2,177	3,321	5,324	1,648	2,004	1,373	1,539	50
9,294	26,011	79,046	1,960	4,492	5,213	23,868	34,852	21,532	32,727	51
81,145	83,897	277,897	2,876	11,309	25,427	69,818	118,176	55,197	105,427	52
79,996	7,128	33,286	15,531	2,741	7,305	5,783	14,399	5,284	12,493	53

No. 1049.—RETAIL STORES—SUMMARY, BY KIND

KIND OF BUSINESS	NUMBER OF STORES			SALES, ENTIRE YEAR (\$1,000)		
	1929	1939	1948	1929	1939	1948
1 Automotive group.....	68,245	60,132	86,162	7,031,177	5,548,687	20,104,054
2 Motor vehicle (new and used) dealers.....	42,204	33,609	43,999	6,266,580	4,810,245	15,952,781
3 Motor vehicle (used) dealers.....	3,097	6,980	10,874	140,932	193,790	2,441,377
4 Tire, battery, accessory dealers.....	22,313	18,525	20,028	599,295	523,085	1,359,596
5 Motorcycle dealers.....	298	513	1,224	8,095	8,619	53,856
6 Aircraft dealers.....	114	51	204	5,594	2,358	30,126
7 Boat dealers.....	219	454	1,037	10,741	9,990	66,265
8 Other automotive dealers.....	(2)	(2)	2,196	(2)	(2)	200,053
9 Gasoline service stations.....	121,513	241,858	188,253	1,787,423	2,822,495	6,483,301
10 Lumber, building, hardware group.....	90,386	79,313	98,938	3,845,624	2,734,914	11,151,470
11 Lumber yards.....	26,377	20,621	20,503	1,981,284	1,196,817	4,286,350
12 Building materials dealers.....	8,870	4,446	5,307	281,642	840,700	840,700
13 Paint, glass, wallpaper stores.....	12,709	8,480	9,843	195,372	152,673	499,993
14 Heating and plumbing equipment dealers.....	4,858	4,262	7,608	334,277	102,404	556,679
15 Electrical supply stores.....	25,330	1,858	3,088	110,131	27,669	128,907
16 Hardware stores.....	12,242	29,147	34,674	706,053	629,276	2,493,669
17 Farm equipment dealers.....	58,258	10,499	17,615	518,507	344,433	2,386,172
18 Drug and proprietary stores.....	58,258	57,903	55,796	1,690,399	1,562,502	4,013,231
19 Drug stores, with fountain.....	34,844	39,452	33,429	1,149,260	1,205,241	2,797,225
20 Proprietary stores, with fountain.....	23,414	18,451	6,295	541,139	357,261	249,185
21 Drug stores, other.....	23,414	18,451	13,526	541,139	357,261	881,238
22 Proprietary stores, other.....	23,414	18,451	2,546	541,139	357,261	85,583
23 Liquor stores.....	15,065	23,962	33,422	148,068	586,351	2,579,507
24 Second-hand stores.....	15,065	23,962	16,969	148,068	138,007	304,654
25 Furniture stores.....	5,643	7,875	6,491	37,749	31,463	74,317
26 Tire, battery, accessory dealers.....	2,820	6,403	2,365	25,843	39,863	64,952
27 Clothing, shoe stores.....	2,606	3,558	3,731	12,042	9,766	38,067
28 Book stores.....	1,175	588	374	2,372	4,050	5,693
29 Pawn shops.....	1,509	1,373	1,374	35,537	22,868	53,718
30 Other second-hand stores.....	2,312	4,165	2,634	34,525	29,997	67,907
31 Other retail stores.....	174,752	172,375	164,073	4,854,191	3,496,437	10,383,218
32 Fuel dealers, except fuel oil.....	15,444	14,953	929,829	887,617	1,007,658	84,620
33 Ice dealers.....	3,674	38,329	3,192	83,540	125,925	732,119
34 Fuel oil dealers.....	(2)	2,843	4,525	(2)	125,925	2,790,333
35 Hay, grain, feed stores.....	21,394	16,772	18,213	990,743	623,977	356,526
36 Other farm, garden supply stores.....	5,740	4,915	3,345	128,422	155,312	1,224,878
37 Jewelry stores.....	19,998	14,559	21,269	536,281	361,595	267,682
38 Book stores.....	2,809	2,845	2,905	117,021	73,842	281,442
39 Stationery stores ¹	4,047	5,036	4,033	155,113	118,184	309,632
40 Sporting goods stores.....	1,930	2,605	6,859	65,465	56,914	35,229
41 Bicycle stores.....	1,134	941	1,738	12,210	6,837	377,250
42 Florists.....	9,328	16,055	14,749	176,201	148,741	635,255
43 Ogar stores and stands.....	33,248	18,504	14,526	410,063	207,781	210,800
44 News dealers, newstands.....	10,285	7,407	6,801	149,866	72,427	105,604
45 Gift, novelty, souvenir stores.....	5,186	7,429	12,516	61,502	53,568	337,338
46 Music stores.....	2,232	2,930	6,120	54,742	65,127	68,828
47 Luggage, leather goods stores.....	1,367	759	1,188	40,812	19,345	73,921
48 Optical goods stores.....	3,001	5,995	1,897	50,000	60,567	202,099
49 Camera, photographic supply stores.....	710	1,112	3,080	28,810	32,343	109,507
50 Office, store machine and equipment dealers.....	3,498	3,600	2,347	262,199	149,216	576,371
51 All other retail stores.....	29,727	19,739	19,867	601,872	277,119	576,371

¹ Data for "Caterers" for 1929 and 1939 included with "Bakery products stores."² Not available.³ Not separately classified in 1929 and 1939.⁴ Includes data for two 1939 classifications "Stationery stores" and "Office, store, school supply dealers."

OF BUSINESS: 1929, 1939, AND 1948—Continued

PAYROLL, ENTIRE YEAR (\$1,000)			NUMBER OF ACTIVE PROPRIETORS OF UNINCORPORATED BUSINESSES			NUMBER OF PAID EMPLOYEES, WORK- WEEK ENDED NEAREST NOV. 15				
						Total		Full workweek		
1929	1939	1948	1929	1939	Nov. 1948	1939	1948	1939	1948	
628,817	507,947	1,866,376	64,948	51,238	77,647	400,166	633,553	386,240	604,524	1
537,205	420,588	1,584,430	40,425	29,069	37,290	324,088	519,378	316,323	503,014	2
11,805	14,177	90,401	3,036	6,808	17,782	13,744	32,059	12,215	29,155	3
76,104	70,665	165,647	20,961	14,424	18,018	59,800	72,366	55,962	63,774	4
988	1,023	4,548	292	504	1,235		2,082		1,808	5
1,844	375	4,726	26	22	117		1,634	1,740	1,517	6
871	1,119	6,126	208	411	956	1,034	2,211		1,911	7
(2)	(2)	10,498	(2)	(2)	2,249	(2)	3,823	(2)	3,345	8
159,212	198,934	488,350	100,746	231,475	196,532	246,600	285,954	204,978	226,058	9
468,362	312,160	1,182,354	85,579	65,755	91,213	257,641	475,413	223,020	428,650	10
222,855	143,269	459,947	17,056	10,615	11,693	112,888	170,254	96,363	155,459	11
33,268	34,002	111,629	3,387	4,642	6,853	26,069	41,133	21,895	37,335	12
80,323	19,495	56,054	8,570	6,781	8,553	15,465	23,611	13,613	21,044	13
	18,924	115,964	12,959	3,644	7,741	16,258	44,094	13,459	39,443	14
23,539	4,938	18,170	4,895	1,708	3,301	4,043	7,940	3,401	6,902	15
73,272	63,679	244,093	27,692	28,709	36,017	57,998	113,165	52,008	98,311	16
35,105	27,853	176,497	14,407	10,911	18,966	24,920	75,216	22,281	70,156	17
195,742	172,733	468,485	57,415	49,673	51,825	192,296	282,891	158,240	211,988	18
136,915	137,994	343,709	33,034	33,257	30,552	158,674	214,191	131,073	160,276	19
		23,331			6,244		19,244		13,536	20
58,827	34,739	94,930	24,381	16,416	12,675	33,622	45,043	27,167	34,916	21
		6,515			2,354		4,413		3,260	22
-----	30,782	116,303	-----	13,670	29,637	27,065	52,404	23,901	43,939	23
20,163	20,758	39,557	16,099	24,014	17,265	24,132	20,652	19,448	17,266	24
3,959	3,061	5,551	6,042	7,882	6,720	4,285	3,843	3,238	2,942	25
4,685	6,888	8,804	3,145	6,814	2,593	8,616	4,349	7,326	3,752	26
1,109	922	4,240	2,697	3,430	3,489	1,836	3,391	1,265	2,717	27
320	488	617	172	578	383	449	300	373	225	28
4,331	4,357	8,736	1,599	1,252	1,453	3,080	3,237	2,802	2,890	29
5,759	5,042	11,609	2,444	4,058	2,627	5,866	5,532	4,444	4,740	30
565,161	407,609	1,037,262	171,906	154,825	154,950	362,444	469,266	300,387	401,859	31
101,158	109,910	176,130	14,787	34,784	12,674	102,037	73,682	79,460	64,063	32
20,189	13,873	19,203	2,942	34,784	2,798		9,128		7,569	33
(2)	13,873	69,088	(2)	2,426	3,893	9,847	25,040	8,620	23,289	34
45,745	33,949	129,412	22,523	13,953	15,363	36,368	60,011	30,605	54,300	35
15,204	13,447	27,077	5,818	4,074	3,001	13,104	12,381	10,288	10,902	36
69,560	53,965	178,306	19,982	13,077	20,424	37,609	68,898	34,245	62,054	37
18,283	13,932	47,504	2,451	2,156	2,359	13,038	23,836	11,050	20,880	38
26,817	19,003	46,659	3,671	4,441	3,802	15,257	20,088	13,601	17,603	39
7,066	6,653	28,766	1,917	2,393	7,173	5,348	12,693	4,756	10,765	40
1,332	630	2,733	1,203	937	1,813	796	1,586	632	1,229	41
30,760	22,641	53,497	10,015	16,074	15,840	22,561	30,619	18,898	23,292	42
34,235	14,085	32,689	33,982	16,748	14,098	14,449	16,500	11,739	13,506	43
14,890	6,335	17,632	8,608	6,038	5,914	11,725	15,886	6,624	9,178	44
6,663	5,548	17,005	5,445	7,227	13,109	6,438	13,829	4,836	9,340	45
8,915	11,049	45,380	1,943	2,534	5,864	8,566	19,249	7,682	16,941	46
4,556	2,601	8,406	1,255	606	2,012	3,721	1,809	3,264	4,47	47
10,132	11,919	18,886	2,687	5,412	1,431	7,844	6,287	7,054	5,957	48
4,261	4,086	22,231	653	982	2,875	3,300	9,594	3,069	8,463	49
58,086	29,049	17,085	1,730	2,850	2,382	20,398	7,652	19,395	6,854	50
87,239	34,934	79,573	30,294	18,113	18,961	31,747	38,526	26,024	32,410	51

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Business: 1948*, Vol. III.

No. 1050.—RETAIL TRADE—WAREHOUSES AND ADMINISTRATIVE OFFICES, SUMMARY,
BY KIND OF BUSINESS: 1948

[Warehouses and administrative offices operated primarily in connection with retail stores]

KIND OF BUSINESS	WAREHOUSES				ADMINISTRATIVE OFFICES AND AUXILIARY UNITS			
	Total	Payroll, entire year	Paid employees, workweek ended nearest Nov. 15		Total	Payroll, entire year	Paid employees, workweek ended nearest Nov. 15	
			Total	Full work- week			Total	Full work- week
United States.....	Number 1,080	\$1,000 480,081	Number 133,072	Number 125,197	Number 697	\$1,000 138,081	Number 32,182	Number 31,512
Food group.....	369	205,642	57,445	54,418	94	26,513	6,096	5,996
Grocery, grocery-meat stores.....	337	202,421	56,774	53,755	44	16,386	3,517	3,443
Candy, nut, confectionery stores.....	10	465	101	94	16	1,763	437	437
Dairy products stores, milk dealers.....	7	812	207	206	14	6,063	1,656	1,646
Bakery products stores.....					9	1,467	306	300
All other food stores.....	15	1,944	363	363	11	814	180	170
Eating and drinking places.....	40	6,668	1,851	1,699	81	14,908	3,435	3,339
General stores.....	4	987	319	293	5	338	73	73
General merchandise group.....	117	136,233	35,509	33,658	80	31,982	6,119	6,063
Department stores.....	43	87,343	24,462	22,869	22	8,099	1,484	1,467
Dry goods, general merchandise stores.....	28	23,469	5,520	5,438	20	2,226	332	326
Variety stores.....	46	25,421	5,527	5,351	38	21,657	4,303	4,270
Apparel group.....	270	68,751	18,983	17,116	191	17,483	4,463	4,245
Men's, boys' clothing, furnishings stores.....	29	5,909	1,247	1,199	21	1,957	436	410
Family clothing stores.....	30	4,655	1,177	1,090	24	3,743	1,055	977
Women's ready-to-wear stores.....	84	27,132	8,139	7,472	48	3,660	1,217	1,151
Millinery stores.....	17	1,830	462	453	49	3,018	685	657
Other apparel accessory, specialty stores.....	24	3,235	847	821	10	565	150	142
Shoe stores.....	81	25,680	7,038	6,008	33	4,386	886	874
All other apparel stores.....	5	310	73	73	6	154	34	34
Furniture, furnishings, appliance group.....	49	9,668	2,918	2,761	46	9,024	2,205	2,146
Furniture stores.....	23	5,616	1,612	1,472	10	3,145	806	785
Other home furnishing stores.....	13	1,748	601	584	24	2,549	451	450
Household appliance stores.....	10	1,556	428	428	12	3,330	948	911
Radio stores.....	3	748	277	277				
Automotive group.....	26	4,625	1,181	1,130	6	3,615	1,148	1,144
Tire, battery, accessory dealers ¹	26	4,625	1,181	1,130	6	3,615	1,148	1,144
All other automotive dealers.....								
Gasoline service stations.....	11	828	227	223	37	5,228	1,210	1,194
Lumber, building, hardware group.....	23	2,552	681	673	82	12,622	2,358	2,326
Lumber yards, building materials dealers.....	9	867	237	235	69	11,455	2,042	2,013
Plumbing, paint, electrical stores.....	8	719	174	174	7	843	239	237
Hardware stores and farm equip- ment dealers.....	6	966	270	264	6	324	77	76
Drug and proprietary stores.....	97	29,517	8,904	8,281	10	4,388	1,120	1,117
Liquor stores.....	31	3,844	1,547	1,455	7	3,202	1,366	1,356
Other retail stores.....	43	10,766	3,507	3,490	58	8,778	2,589	2,513
Fuel, fuel oil dealers.....	1	(2)	(2)	(2)	10	(2)	(2)	(2)
Ice dealers.....					4	427	137	136
Feed, farm, garden supply stores.....	5	671	202	194	10	3,313	1,042	1,022
Jewelry stores.....	7	1,153	250	245	16	2,216	545	541
Book, stationery stores.....	4	2,188	915	915	3	250	86	66
Florists.....	2	(2)	(2)	(2)	1	(2)	(2)	(2)
Cigar stores and stands.....	6	(2)	(2)	(2)	1	(2)	(2)	(2)
News dealers, newsstands.....	14	2,927	857	853	3	517	224	224
Music stores.....	1	(2)	(2)	(2)	4	(2)	(2)	(2)
Optical goods stores.....					3	163	25	25
All other retail stores.....	3	1,039	482	482	3	127	35	33

¹ Includes data for 2 "All other automotive dealers" administrative offices.

² Withheld to avoid disclosure of individual operations.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Business: 1948*, Vol. III.

No. 1051.—SALES OF RETAIL STORES, BY MONTHS: 1948 TO 1951

[Millions of dollars. Figures are seasonally adjusted. See also headnote table 1046]

MONTH	ALL RETAIL STORES				DURABLE GOODS STORES ¹				NONDURABLE GOODS STORES ¹			
	1948	1949	1950	1951	1948	1949	1950	1951	1948	1949	1950	1951
Year.....	130,521	130,721	143,689	150,589	41,876	43,882	52,935	51,882	88,645	86,839	90,754	98,707
January.....	10,614	10,694	11,075	13,593	3,390	3,347	3,875	5,128	7,224	7,347	7,200	8,465
February.....	10,615	10,846	11,309	13,321	3,340	3,523	4,049	5,049	7,275	7,323	7,260	8,272
March.....	10,792	10,888	11,395	12,633	3,500	3,645	4,085	4,590	7,292	7,243	7,310	8,043
April.....	10,861	11,060	11,432	12,285	3,498	3,735	4,098	4,276	7,363	7,325	7,334	8,009
May.....	10,650	10,965	11,656	12,411	3,249	3,675	4,264	4,272	7,401	7,290	7,392	8,139
June.....	10,911	10,940	12,069	12,240	3,463	3,717	4,584	4,186	7,448	7,223	7,485	8,054
July.....	10,990	10,742	12,985	12,058	3,536	3,637	5,060	3,967	7,454	7,105	7,925	8,091
August.....	11,069	10,855	12,965	12,429	3,648	3,760	5,064	4,133	7,421	7,095	7,901	8,296
September.....	10,975	11,066	12,381	12,258	3,528	3,768	4,711	4,138	7,447	7,298	7,670	8,120
October.....	10,983	10,900	12,043	12,551	3,485	3,811	4,481	4,189	7,498	7,089	7,562	8,362
November.....	10,915	10,964	11,768	12,492	3,584	3,741	4,100	4,036	7,331	7,223	7,668	8,456
December.....	11,146	10,801	12,611	12,318	3,655	3,523	4,564	3,918	7,491	7,278	8,047	8,400

¹ Durable goods include building materials and hardware group, home furnishings group, automotive group, and jewelry stores; nondurable goods stores include all other kinds of business.

Source: Department of Commerce, Office of Business Economics; published currently in *Survey of Current Business*.

No. 1052.—RETAIL STORES—NUMBER AND SALES, BY SIZE OF STORE:
1929, 1939, AND 1948

ANNUAL SALES GROUP AND YEAR		STORES		SALES	
		Number	Percent	Amount (\$1,000)	Percent
\$300,000 or more:	1929.....	15,029	1.0	12,323,766	25.5
	1939.....	12,630	.7	9,855,631	23.4
	1948.....	67,615	3.8	54,674,754	41.9
\$100,000 to \$299,999:	1929.....	62,009	4.2	9,786,669	20.2
	1939.....	50,097	2.8	7,955,285	18.9
	1948.....	194,829	11.0	31,871,978	24.4
\$50,000 to \$99,999:	1929.....	127,148	8.6	8,631,797	17.9
	1939.....	93,318	5.3	6,394,703	15.2
	1948.....	298,555	16.9	20,854,524	16.0
\$30,000 to \$49,999:	1929.....	173,269	11.7	6,617,169	13.7
	1939.....	133,221	7.5	5,077,007	12.1
	1948.....	296,899	16.8	11,491,605	8.8
\$10,000 to \$29,999:	1929.....	468,885	31.8	8,349,491	17.3
	1939.....	522,117	29.5	8,938,632	21.3
	1948.....	519,258	29.3	9,826,110	7.6
Less than \$10,000:	1929.....	630,025	42.7	2,620,760	5.4
	1939.....	958,972	54.2	3,820,532	9.1
	1948.....	392,384	22.2	1,801,677	1.4

No. 1053.—FIRMS WITH FOUR OR MORE RETAIL STORES: 1939 AND 1948

ITEM	1939	1948	ITEM	1939	1948
Firms (number).....	6,969	6,159	Payroll, entire year (thousand dollars).....	1,439,117	4,250,828
Warehouses (number).....	1,176	1,080	Stores (thousand dollars).....	1,215,540	3,632,666
Administrative offices and other auxiliary units (number).....	(¹)	687	Warehouses (thousand dollars).....	105,236	480,081
Retail stores (number).....	132,763	107,409	Administrative offices and other auxiliary units (thousand dollars).....	118,341	138,081
Sales, entire year, by stores (thousand dollars).....	10,104,713	30,425,024	Paid employees, workweek ended nearest Nov. 15, total.....	1,339,496	2,013,258
Billings by warehouses to own stores (thousand dollars).....	2,726,428	8,945,663	Stores.....	1,228,161	1,845,004
Sales by warehouses to others (thousand dollars).....	64,295	145,208	Warehouses.....	60,774	133,072
Merchandise inventories, at warehouses, end of year, at cost (thousand dollars).....	167,122	592,936	Administrative offices, and other auxiliary units.....	(¹)	32,182

¹ Comparable data not available.

Source of tables 1052 and 1053: Department of Commerce, Bureau of Census; *U. S. Census of Business: 1948*, Vol. I.

No. 1054.—RETAIL STORES—NUMBER AND SALES, BY TYPE OF OPERATION AND KIND OF BUSINESS: 1948

KIND OF BUSINESS	TOTAL		TYPE OF OPERATION					
	Stores	Sales, entire year	Consumer cooperatives		Retail stores of farm co-operatives		Mail order houses	
			Stores	Sales, entire year	Stores	Sales, entire year	Establishments	Sales, entire year
United States, total	Number 1,769,540	\$1,000 130,520,548	Number 728	\$1,000 108,529	Number 3,670	\$1,000 958,312	Number 880	\$1,000 1,485,352
Food group.....	504,439	30,965,674	402	48,629	384	91,234	54	5,602
Eating and drinking places.....	346,556	10,683,324	41	6,122	42	1,740	-----	-----
General merchandise group, general stores.....	74,101	17,134,718	46	10,278	148	26,723	60	1,300,867
Apparel group.....	115,246	9,803,218	9	1,453	-----	-----	106	47,287
Furniture, furnishings, appliance group.....	85,585	6,914,179	18	729	14	1,295	50	11,138
Automotive group.....	86,162	20,104,054	12	6,243	16	1,481	10	2,236
Gasoline service stations.....	188,253	6,483,301	97	11,501	723	96,440	-----	-----
Lumber, building, hardware group.....	98,938	11,151,470	18	5,690	243	38,724	18	6,024
Drug and proprietary stores.....	55,706	4,013,231	11	921	-----	-----	23	925
Other retail stores.....	214,464	13,267,379	74	10,933	2,100	700,675	559	111,273

KIND OF BUSINESS	TYPE OF OPERATION—continued					
	Direct selling (house to house) organizations		Merchandise vending machine operators		Other types	
	Establishments	Sales, entire year	Establishments	Sales, entire year	Stores	Sales, entire year
United States, total	Number 3,451	\$1,000 634,763	Number 881	\$1,000 199,703	Number 1,759,930	\$1,000 127,133,889
Food group.....	414	112,806	323	56,484	502,862	30,650,919
Eating and drinking places.....	-----	-----	103	8,279	346,370	10,667,183
General merchandise group, general stores.....	313	33,290	-----	-----	73,534	15,763,560
Apparel group.....	264	33,186	-----	-----	114,867	9,721,262
Furniture, furnishings, appliance group.....	1,355	304,852	-----	-----	84,148	6,596,165
Automotive group.....	-----	-----	-----	-----	86,124	20,094,094
Gasoline service stations.....	-----	-----	-----	-----	187,493	6,375,360
Lumber, building, hardware group.....	-----	-----	-----	-----	98,659	11,101,032
Drug and proprietary stores.....	9	58	-----	-----	55,753	4,011,327
Other retail stores.....	1,096	150,571	455	134,940	210,180	12,152,987

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Business: 1948*, Vol. II.

No. 1055.—RETAIL STORES—NUMBER, SALES, PAY ROLL AND PERSONNEL, BY NUMBER OF EMPLOYEES: 1948

NUMBER OF EMPLOYEES PER STORE ¹	STORES		SALES, ENTIRE YEAR		PAY ROLL, ENTIRE YEAR		UNINCORPORATED BUSINESSES				PAID EMPLOYEES WORKWEEK ENDED NEAREST NOV. 15	
							Active proprietors, November		Unpaid family workers, November			
	Number	Per cent	Amount (\$1,000)	Per cent	Amount (\$1,000)	Per cent	Number	Per cent	Number	Per cent	Number	Per cent
Total, all stores	1,769,540	100.0	130,520,548	100.0	13,567,997	100.0	1,742,046	100.0	930,546	100.0	6,918,061	100.0
No paid employees.....	669,317	37.8	11,141,704	8.5	75,891	.6	736,341	42.3	512,697	55.1	-----	-----
1 paid employee.....	289,170	16.3	9,020,653	6.9	413,686	3.0	303,959	17.4	148,917	16.0	289,170	4.2
2 paid employees.....	217,597	12.3	9,810,800	7.5	683,980	5.0	219,111	12.6	94,310	10.1	435,194	6.3
3 paid employees.....	149,109	8.4	8,926,538	6.8	749,728	5.5	142,566	8.2	57,052	6.1	447,327	6.5
4 or 5 paid employees.....	170,213	9.6	13,720,554	10.5	1,326,290	9.8	154,750	8.9	58,097	6.3	754,408	10.9
6 or 7 paid employees.....	92,956	5.3	10,305,105	7.9	1,104,393	8.1	78,930	4.5	27,993	3.0	597,317	8.6
8 or 9 paid employees.....	46,163	2.6	6,856,456	5.3	772,703	5.7	34,034	2.0	11,129	1.2	389,282	5.6
10 to 19 paid employees.....	84,456	4.8	19,008,835	14.6	2,303,131	17.0	54,817	3.1	16,226	1.8	1,117,606	16.2
20 to 49 paid employees.....	38,880	2.2	18,798,875	14.4	2,479,947	18.3	15,649	.9	3,725	.4	1,130,366	16.3
50 to 99 paid employees.....	8,005	.5	7,847,605	6.0	1,177,676	8.7	1,556	.1	334	(2)	536,272	7.8
100 or more paid employees.....	3,674	.2	15,083,423	11.6	2,480,572	18.3	333	(2)	66	(2)	1,221,119	17.6

¹ Based on number of paid employees for workweek ended nearest Nov. 15, 1948.

² Less than 0.05 percent.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Business: 1948*, Vol. I.

No. 1056.—RETAIL TRADE—SINGLE AND MULTIUNITS BY KIND-OF-BUSINESS
GROUPS: 1948

KIND OF BUSINESS AND SINGLE AND MULTIUNITS	Stores	Sales, entire year	Payroll, entire year	PAID EMPLOYEES, WORKWEEK ENDED NEAREST NOV. 15	
				Total	Full work- week
	Number	\$1,000	\$1,000	Number	Number
United States, total	1,769,540	130,520,548	13,567,997	6,918,061	5,608,398
Single units.....	1,606,885	91,829,227	8,846,407	4,587,392	3,799,828
2 or 3 store multiunits.....	57,547	8,954,751	1,191,034	531,540	455,077
4 or more store multiunits.....	105,108	29,736,570	3,530,556	1,799,129	1,353,493
Food group	504,439	30,965,674	1,943,967	1,005,897	753,503
Single units.....	462,026	19,228,648	1,009,592	601,792	455,115
2 or 3 store multiunits.....	9,839	1,244,263	110,900	53,066	42,781
4 or more store multiunits.....	32,574	10,492,763	823,475	351,039	255,607
Eating and drinking places	346,556	10,683,324	1,940,907	1,337,186	1,080,090
Single units.....	333,619	9,510,388	1,627,424	1,151,642	926,436
2 or 3 store multiunits.....	6,804	431,096	110,699	66,278	56,373
4 or more store multiunits.....	6,133	741,840	202,784	119,266	97,281
General stores	21,557	1,159,361	65,785	41,444	33,101
Single units.....	20,507	931,215	42,267	29,757	23,087
2 or 3 store multiunits.....	368	49,090	4,231	2,126	1,828
4 or more store multiunits.....	682	179,056	19,287	9,561	8,276
General merchandise group	52,544	15,975,357	2,304,206	1,351,387	1,004,234
Single units.....	36,615	5,719,356	812,535	449,949	365,653
2 or 3 store multiunits.....	3,202	1,505,240	246,039	131,152	104,660
4 or more store multiunits.....	12,727	8,750,761	1,245,632	770,286	533,921
Department stores	2,580	10,644,747	1,660,702	843,479	683,444
Single units.....	836	3,873,478	653,616	338,775	283,029
2 or 3 store multiunits.....	179	1,248,168	215,229	110,536	89,239
4 or more store multiunits.....	1,565	5,523,101	791,857	394,168	311,176
Apparel group	115,246	9,803,218	1,178,820	585,708	458,721
Single units.....	91,596	5,954,132	677,484	339,776	273,951
2 or 3 store multiunits.....	9,135	1,120,487	160,632	75,997	61,476
4 or more store multiunits.....	14,515	2,728,599	340,704	169,930	123,294
Furniture, furnishings, appliance group	85,585	6,914,179	935,625	376,311	344,375
Single units.....	74,469	5,140,819	600,206	243,441	219,129
2 or 3 store multiunits.....	5,085	745,859	113,757	40,326	37,641
4 or more store multiunits.....	6,031	1,027,401	221,662	92,544	87,005
Automotive group	86,162	20,104,054	1,866,376	633,553	604,524
Single units.....	78,506	17,922,669	1,632,002	556,460	533,239
2 or 3 store multiunits.....	3,973	1,440,404	147,284	44,590	43,204
4 or more store multiunits.....	3,683	740,981	87,090	32,503	28,081
Gasoline service stations	188,253	6,483,301	488,350	235,954	226,058
Single units.....	179,917	5,806,236	395,380	249,073	192,393
2 or 3 store multiunits.....	2,891	206,691	23,103	10,925	9,700
4 or more store multiunits.....	5,445	470,374	69,867	25,956	23,965
Lumber, building, hardware group	98,938	11,151,470	1,182,354	475,413	428,650
Single units.....	86,182	8,090,600	873,818	360,231	324,563
2 or 3 store multiunits.....	4,805	902,565	110,912	39,283	36,878
4 or more store multiunits.....	7,951	1,558,305	197,624	75,899	67,209
Drug and proprietary stores	55,796	4,013,231	468,485	282,891	211,988
Single units.....	40,744	2,900,271	301,761	194,483	142,004
2 or 3 store multiunits.....	2,337	244,357	35,862	18,275	15,040
4 or more store multiunits.....	3,715	868,603	130,862	70,133	54,944
Drug stores	46,956	3,678,463	438,639	269,234	195,192
Single units.....	41,495	2,618,314	278,739	175,104	128,520
2 or 3 store multiunits.....	2,058	227,751	33,912	17,090	14,052
4 or more store multiunits.....	3,402	832,398	125,988	67,040	52,620
Proprietary stores	8,841	334,768	29,846	23,657	16,706
Single units.....	8,249	281,957	23,022	19,379	13,484
2 or 3 store multiunits.....	279	16,606	1,950	1,185	988
4 or more store multiunits.....	313	36,205	4,874	3,093	2,324
Liquor stores	33,422	2,579,507	116,303	52,404	43,039
Single units.....	28,996	1,661,244	82,319	37,842	30,506
2 or 3 store multiunits.....	1,428	115,707	7,473	3,117	2,793
4 or more store multiunits.....	2,998	802,556	26,511	11,445	10,550
Second-hand stores	16,969	304,654	39,557	20,652	17,266
Single units.....	16,148	271,962	31,977	16,387	13,373
2 or 3 store multiunits.....	353	15,659	3,426	1,536	1,401
4 or more store multiunits.....	468	17,033	4,154	2,729	2,487
Other retail stores	164,073	10,383,218	1,037,262	469,266	401,859
Single units.....	148,580	8,091,587	759,642	356,556	300,284
2 or 3 store multiunits.....	7,327	933,333	116,716	44,899	41,302
4 or more store multiunits.....	8,180	1,358,298	160,904	67,838	60,273

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Business: 1948*, Vol. I.

DIVISION AND STATE	NUMBER OF STORES			SALES, ENTIRE YEAR (\$1,000)			ACTIVE PROPRIETORS ¹ (number)	
	1929	1939	1948	1929	1939	1948	1939	Nov. 1948
United States	1,476,365	1,770,355	1,769,540	48,329,652	42,041,790	130,520,548	1,613,673	1,742,046
New England	104,618	121,888	115,219	3,732,087	3,318,214	8,557,443	101,716	99,626
Maine.....	10,453	13,455	11,843	300,010	281,356	755,651	11,821	10,752
New Hampshire.....	6,181	7,435	7,541	180,248	182,100	470,742	6,600	6,938
Vermont.....	4,831	5,423	5,075	148,281	123,369	337,804	4,942	4,567
Massachusetts.....	52,661	59,217	53,902	2,031,839	1,737,680	4,802,147	47,538	42,608
Rhode Island.....	9,155	10,485	10,371	313,978	275,447	716,064	9,100	9,687
Connecticut.....	21,337	25,873	26,487	757,731	717,262	1,975,035	21,715	25,044
Middle Atlantic	372,026	412,819	395,268	12,527,976	10,291,937	28,175,162	376,068	389,727
New York.....	183,615	209,425	196,282	6,968,931	5,578,159	14,626,526	191,259	190,977
New Jersey.....	57,780	68,851	69,090	1,811,257	1,580,401	4,479,205	59,277	67,487
Pennsylvania.....	130,631	134,543	129,896	3,747,788	3,133,377	9,069,431	125,532	131,263
East North Central	304,986	364,508	350,319	11,113,186	9,251,114	28,901,766	332,029	351,815
Ohio.....	80,155	93,041	86,971	2,829,354	2,441,293	7,373,173	82,712	83,610
Indiana.....	39,402	47,317	44,754	1,200,458	1,066,383	3,532,337	44,003	45,309
Illinois.....	93,432	109,132	103,405	3,658,560	2,857,646	8,805,257	100,099	105,363
Michigan.....	53,952	67,414	68,689	2,202,405	1,820,798	5,950,278	61,129	71,579
Wisconsin.....	38,045	47,604	46,500	1,222,409	1,064,994	3,240,721	44,086	45,954
West North Central	161,393	197,909	179,246	5,178,845	4,138,883	13,268,206	185,927	179,339
Minnesota.....	29,206	40,448	35,241	1,036,012	1,017,195	2,906,062	38,932	34,965
Iowa.....	30,933	39,024	33,725	956,008	822,905	2,556,224	37,111	34,412
Missouri.....	44,586	53,196	50,616	1,422,449	1,102,503	3,568,337	49,328	50,014
North Dakota.....	7,611	8,549	8,201	230,602	156,137	608,182	7,818	8,279
South Dakota.....	8,330	9,817	8,993	249,935	169,306	622,192	8,954	8,616
Nebraska.....	16,082	19,330	16,873	553,611	397,196	1,317,813	18,004	17,155
Kansas.....	24,045	27,545	25,697	730,228	473,551	1,689,396	25,780	25,918
South Atlantic	162,295	199,371	222,848	4,138,337	4,368,947	14,772,890	174,561	211,034
Delaware.....	3,527	4,544	4,433	101,861	110,052	382,305	4,001	4,155
Maryland.....	20,371	25,566	25,037	610,967	619,273	1,914,689	23,774	25,240
District of Columbia.....	5,815	6,893	7,094	332,393	402,768	1,111,643	5,498	6,437
Virginia.....	25,036	29,610	32,124	591,763	628,172	2,227,407	25,389	30,073
West Virginia.....	16,501	18,928	21,265	441,072	403,989	1,287,983	16,202	19,527
North Carolina.....	27,660	33,826	40,880	642,550	633,240	2,248,660	29,890	35,994
South Carolina.....	14,452	18,520	20,970	296,674	332,224	1,148,179	15,789	19,190
Georgia.....	27,640	32,870	35,655	627,171	624,765	2,111,639	28,797	33,362
Florida.....	21,293	28,614	35,390	493,886	614,464	2,340,395	25,251	34,056
East South Central	85,315	101,065	112,879	2,137,499	1,845,037	6,417,719	93,025	111,053
Kentucky.....	25,927	30,919	29,890	577,929	520,135	1,682,087	28,970	29,986
Tennessee.....	22,368	28,198	32,692	632,612	606,489	2,088,439	25,980	32,890
Alabama.....	20,456	23,916	28,756	518,972	435,973	1,638,859	21,715	27,976
Mississippi.....	16,504	18,032	21,541	407,986	282,440	1,008,334	16,360	20,701
West South Central	128,542	159,768	169,520	3,654,572	3,101,358	10,923,488	148,785	165,469
Arkansas.....	17,167	20,328	22,243	406,206	298,301	1,083,262	19,071	22,517
Louisiana.....	22,559	25,469	20,679	469,755	486,250	1,681,334	22,845	23,312
Oklahoma.....	25,984	28,722	26,924	781,121	513,091	1,640,015	27,221	27,046
Texas.....	62,832	85,249	90,674	1,997,490	1,803,716	6,518,877	79,648	87,594
Mountain	42,022	57,459	59,861	1,515,313	1,427,541	4,655,554	53,112	60,561
Montana.....	6,521	8,481	8,108	238,293	222,008	602,623	7,867	8,304
Idaho.....	4,624	6,804	7,323	165,352	175,873	581,844	6,223	7,128
Wyoming.....	2,837	4,113	3,869	101,457	100,233	309,199	3,863	4,037
Colorado.....	13,139	16,785	15,426	457,413	409,103	1,257,095	15,770	16,010
New Mexico.....	3,941	6,217	7,842	116,533	125,765	477,553	6,139	7,934
Arizona.....	4,766	6,642	8,043	193,818	162,003	657,557	5,726	7,984
Utah.....	4,904	6,372	6,840	193,286	170,728	578,767	5,520	6,682
Nevada.....	1,230	2,045	2,410	48,861	61,828	200,916	2,004	2,482
Pacific	115,168	153,568	164,380	4,331,837	4,298,759	14,838,410	148,540	173,422
Washington.....	20,836	26,082	25,731	745,891	668,790	2,221,306	24,798	25,819
Oregon.....	13,544	16,458	17,538	443,303	442,160	1,597,300	15,757	19,678
California.....	80,788	112,428	121,111	3,142,643	3,187,809	11,019,804	107,895	127,925

¹ Of unincorporated businesses.

BY STATES: 1929, 1939, AND 1948

UNPAID FAMILY WORKERS, ¹ (number)		PAID EMPLOYEES, WORKWEEK ENDED NEAREST NOV. 15				PAYROLL, ENTIRE YEAR (\$1,000)			DIVISION AND STATE
		Total (number)		Full workweek (number)					
1939	Nov. 1948	1939	1948	1939	1948	1929	1939	1948	
923, 878	930, 546	4, 821, 806	6, 918, 061	3, 870, 195	5, 608, 398	5, 044, 128	4, 529, 499	13, 567, 997	U. S.
46, 589	46, 086	372, 799	474, 335	296, 923	375, 391	411, 822	377, 957	921, 493	N. E.
5, 567	5, 566	28, 093	38, 025	22, 945	30, 626	26, 895	26, 079	66, 500	Maine
3, 007	3, 514	18, 198	24, 178	14, 851	19, 128	16, 215	17, 322	43, 575	N. H.
2, 259	2, 092	12, 174	16, 065	9, 854	13, 070	12, 210	10, 707	28, 516	Vt.
20, 632	19, 600	210, 116	258, 057	164, 550	202, 902	236, 296	212, 966	498, 926	Mass.
4, 318	4, 777	31, 174	39, 448	24, 322	31, 283	35, 203	30, 978	73, 398	R. I.
10, 806	10, 537	73, 044	98, 562	60, 401	78, 382	85, 003	79, 905	210, 578	Conn.
224, 795	196, 084	1, 113, 886	1, 475, 414	917, 991	1, 206, 371	1, 362, 975	1, 170, 430	3, 064, 036	M. A.
106, 507	85, 998	587, 180	752, 941	495, 744	624, 585	773, 333	660, 093	1, 664, 257	N. Y.
37, 366	35, 323	158, 377	208, 758	128, 421	169, 359	187, 635	171, 619	453, 177	N. J.
80, 922	74, 763	368, 329	513, 715	293, 826	412, 427	402, 007	338, 718	946, 602	Pa.
192, 209	181, 351	1, 085, 879	1, 549, 997	854, 247	1, 201, 486	1, 217, 620	1, 028, 315	3, 098, 088	E. N. C.
49, 139	44, 641	282, 963	406, 655	224, 852	321, 980	310, 955	271, 073	807, 165	Ohio.
23, 643	21, 754	129, 757	192, 403	101, 990	151, 153	122, 122	110, 895	360, 752	Ind.
54, 853	53, 046	353, 486	474, 493	278, 844	365, 687	428, 553	339, 072	979, 688	Ill.
36, 708	34, 470	208, 645	305, 580	165, 837	239, 842	237, 340	204, 026	640, 904	Mich.
27, 866	27, 540	111, 028	170, 866	82, 724	122, 824	118, 650	103, 249	309, 579	Wis.
99, 675	91, 444	479, 424	690, 177	376, 166	547, 978	482, 899	401, 238	1, 246, 506	W. N. C.
20, 372	17, 673	109, 539	154, 414	86, 635	119, 011	101, 246	84, 204	291, 912	Minn.
16, 958	16, 266	92, 137	126, 954	70, 383	99, 781	83, 502	72, 514	224, 824	Iowa.
28, 315	27, 013	139, 851	200, 211	112, 055	162, 891	148, 283	119, 237	365, 886	Mo.
4, 307	3, 993	16, 025	27, 200	12, 675	21, 718	17, 487	12, 960	48, 946	N. Dak.
4, 870	5, 066	17, 798	29, 520	13, 849	22, 782	19, 822	13, 592	49, 604	S. Dak.
10, 658	8, 112	45, 818	64, 595	35, 623	51, 418	48, 188	36, 221	113, 462	Nebr.
14, 195	13, 421	58, 256	87, 193	44, 946	70, 377	64, 371	42, 510	151, 872	Kans.
104, 071	125, 676	551, 696	839, 638	443, 203	699, 241	407, 206	447, 647	1, 478, 717	S. A.
2, 460	2, 274	11, 499	16, 572	9, 367	14, 102	9, 551	11, 168	33, 990	Del.
14, 069	13, 208	75, 468	109, 791	61, 227	91, 306	62, 764	66, 079	203, 680	Md.
2, 838	2, 461	50, 838	69, 943	43, 365	59, 246	43, 306	56, 007	148, 875	D. C.
14, 687	16, 842	79, 147	124, 313	64, 443	103, 830	59, 659	63, 867	214, 095	Va.
10, 694	13, 610	44, 942	68, 265	35, 075	57, 414	40, 968	38, 263	118, 075	N. Va.
16, 464	24, 698	85, 147	131, 948	63, 691	105, 361	56, 123	60, 052	212, 626	N. C.
9, 203	12, 149	43, 997	64, 523	33, 113	50, 490	25, 316	29, 083	98, 596	S. C.
17, 124	20, 010	83, 346	122, 818	67, 229	102, 308	58, 792	58, 874	202, 198	Ga.
16, 532	20, 364	77, 312	131, 465	64, 693	115, 184	50, 727	64, 244	246, 582	Fla.
61, 448	74, 093	224, 191	352, 941	179, 940	290, 426	187, 323	162, 575	558, 992	E. S. C.
20, 982	19, 409	57, 636	86, 988	46, 042	70, 903	51, 667	46, 090	147, 953	Ky.
15, 841	20, 212	70, 897	118, 800	61, 765	98, 961	59, 144	55, 924	190, 591	Tenn.
14, 436	19, 484	54, 774	91, 842	44, 551	75, 198	46, 791	37, 526	139, 586	Ala.
10, 189	14, 988	34, 884	55, 311	27, 582	45, 364	29, 721	22, 735	80, 862	Miss.
92, 331	107, 669	387, 347	589, 937	319, 812	501, 060	336, 029	293, 418	1, 011, 096	W. S. C.
12, 268	14, 879	35, 560	54, 451	28, 016	45, 516	31, 986	23, 775	85, 176	Ark.
15, 887	19, 975	66, 893	97, 939	58, 223	85, 630	47, 698	49, 000	162, 387	La.
18, 079	16, 683	62, 774	88, 224	50, 302	73, 284	71, 931	48, 953	151, 803	Okl.
46, 097	56, 132	222, 120	349, 323	183, 271	296, 630	184, 414	171, 690	611, 730	Tex.
29, 740	33, 261	151, 609	234, 378	121, 808	192, 425	150, 639	145, 205	468, 530	Mt.
3, 542	3, 387	20, 714	28, 696	16, 530	23, 282	22, 493	21, 505	57, 059	Mont.
3, 763	3, 951	17, 499	26, 087	13, 068	21, 657	14, 889	16, 189	54, 487	Idaho.
1, 906	2, 164	9, 019	14, 200	7, 397	11, 823	9, 429	9, 346	28, 965	Wyo.
8, 240	7, 862	46, 616	67, 415	38, 314	54, 979	49, 100	43, 503	130, 759	Colo.
4, 888	5, 709	13, 813	24, 293	11, 341	20, 693	9, 935	11, 596	43, 338	N. Mex.
3, 744	5, 431	17, 524	32, 659	14, 144	27, 766	18, 998	17, 119	70, 152	Ariz.
3, 136	3, 570	20, 397	31, 874	15, 072	24, 467	20, 958	18, 743	61, 199	Utah.
1, 021	1, 187	6, 027	9, 154	4, 742	7, 758	4, 897	7, 204	22, 571	Nev.
73, 020	74, 882	454, 975	711, 244	360, 105	594, 020	487, 615	502, 714	1, 720, 539	Pac.
12, 199	12, 810	69, 771	105, 688	52, 614	84, 833	80, 639	75, 405	247, 652	Wash.
8, 192	8, 201	43, 909	71, 341	34, 295	60, 637	46, 167	44, 154	156, 755	Oreg.
52, 629	53, 871	341, 295	534, 215	273, 196	448, 550	360, 809	383, 155	1, 316, 132	Calif.

Source: Department of Commerce, Bureau of the Census; U. S. Census of Business: 1948, Vol. III.

No. 1058.—RETAIL STORES—NUMBER AND SALES, FOR SPECIFIED METROPOLITAN AREAS: 1948

[Listed in order of 1948 sales volume]

METROPOLITAN AREA	THE METROPOLITAN AREA					CENTRAL CITIES ¹			
	Sales, entire year		Stores (number)	Population rank, 1950 ²	Per capita sales ³ (dollars)	Stores (number)	Sales, entire year (\$1,000)	Population, 1950, percent of area total	Per capita sales ³ (dollars)
	Rank	Amount (\$1,000)							
United States, total.....		130,520,548	1,769,540		867	1,769,540	130,520,548		867
Total, 147 areas.....		80,898,778	932,124		987	595,942	57,747,493	58.2	1,210
Percent of United States total.....		62.0	52.7			33.7	44.2		
New York-Northeastern New Jersey area.....	1	12,652,074	171,105	1	986	115,473	8,839,001	66.8	1,032
Chicago (Ill.) area.....	2	5,989,723	62,030	2	1,094	43,540	4,348,801	65.9	1,206
Los Angeles (Calif.) area.....	3	4,721,241	49,133	3	1,088	23,183	2,370,761	45.1	1,211
Philadelphia (Pa.) area.....	4	3,345,506	45,508	4	914	28,243	2,118,759	56.4	1,026
Detroit (Mich.) area.....	5	3,014,275	28,189	5	1,014	18,242	2,084,748	61.8	1,134
San Francisco-Oakland (Calif.) area.....	6	2,366,538	25,069	7	1,069	15,542	1,581,568	51.5	1,386
Boston (Mass.) area.....	7	2,261,260	24,417	6	960	9,926	1,086,720	33.6	1,374
Pittsburgh (Pa.) area.....	8	1,985,201	23,341	8	900	7,536	882,806	30.5	1,310
St. Louis (Mo.) area.....	9	1,567,167	19,843	9	936	11,706	987,731	50.9	1,153
Cleveland (Ohio) area.....	10	1,523,834	15,630	11	1,048	11,823	1,178,241	62.3	1,301
Washington (D. C.) area.....	11	1,485,845	10,171	10	1,019	7,094	1,111,643	54.7	1,394
Minneapolis-St. Paul (Minn.) area.....	12	1,263,527	10,227	13	1,141	8,316	1,133,172	74.7	1,371
Baltimore (Md.) area.....	13	1,227,103	15,342	12	929	12,580	1,052,945	71.2	1,120
Buffalo (N. Y.) area.....	14	1,027,223	14,252	14	946	8,323	664,284	53.2	1,150
Kansas City (Mo.) area.....	15	990,626	8,962	17	1,226	5,301	752,993	56.1	1,661
Milwaukee (Wis.) area.....	16	926,279	9,792	16	1,072	7,791	794,283	73.2	1,255
Cincinnati (Ohio) area.....	17	879,847	10,114	15	980	6,372	619,086	55.7	1,237
Houston (Tex.) area.....	18	818,603	8,018	18	1,021	5,874	697,060	74.1	1,173
Portland (Oreg.) area.....	19	772,318	7,382	21	1,101	4,642	574,822	52.9	1,549
Seattle (Wash.) area.....	20	753,744	7,862	20	1,038	5,764	613,665	63.7	1,327
Dallas (Tex.) area.....	21	704,804	5,986	24	1,154	4,713	621,858	70.9	1,436
Atlanta (Ga.) area.....	22	675,307	5,792	23	1,017	3,552	528,446	49.3	1,616
Providence (R. I.) area.....	23	671,380	9,390	19	916	3,842	328,351	33.8	1,326
Indianapolis (Ind.) area.....	24	627,565	5,294	28	1,143	4,650	556,192	77.3	1,380
Denver (Colo.) area.....	25	594,701	5,422	26	1,061	4,234	510,219	73.7	1,236
Miami (Fla.) area.....	26	581,134	6,799	34	1,189	3,725	388,283	50.5	1,572
Albany-Schenectady-Troy (N. Y.) area.....	27	562,302	6,763	31	1,097	4,625	409,045	58.2	1,373
New Orleans (La.) area.....	28	553,211	7,750	22	812	6,678	506,924	83.3	894
Louisville (Ky.) area.....	29	517,109	5,727	25	900	4,082	411,085	63.9	1,110
San Diego (Calif.) area.....	30	507,440	5,711	29	947	3,666	367,780	60.0	1,144
Columbus (Ohio) area.....	31	506,564	4,700	32	1,009	3,973	460,363	74.7	1,228
Rochester (N. Y.) area.....	32	491,277	5,472	35	1,013	4,286	411,367	68.3	1,242
Memphis (Tenn.) area.....	33	485,432	4,153	36	1,011	3,554	461,826	82.1	1,172
Youngstown (Ohio) area.....	34	468,623	5,383	30	890	1,812	214,134	31.8	1,277
Dayton (Ohio) area.....	35	446,616	3,962	37	986	2,550	342,636	53.6	1,409
Toledo (Ohio) area.....	36	442,946	4,170	43	1,128	3,393	393,567	76.8	1,306
Birmingham (Ala.) area.....	37	441,752	5,157	27	797	3,083	342,491	53.9	1,147
Akron (Ohio) area.....	38	403,116	3,884	40	988	2,764	323,486	67.0	1,184
Fort Worth (Tex.) area.....	39	402,391	3,873	46	1,120	3,142	370,077	77.1	1,336
Allentown-Bethlehem-Easton (Pa.) area.....	40	401,807	5,972	38	924	2,368	205,494	39.6	1,193
Hartford (Conn.) area.....	41	396,377	3,924	47	1,113	2,468	267,621	49.7	1,511
San Antonio (Tex.) area.....	42	392,717	5,038	33	792	4,642	377,840	82.0	929
Springfield-Holyoke (Mass.) area.....	43	389,191	4,780	41	957	2,773	260,317	53.4	1,199
Omaha (Nebr.) area.....	44	383,009	3,530	45	1,057	2,451	308,452	68.3	1,247
Tampa-St. Petersburg (Fla.) area.....	45	364,475	5,193	42	897	3,195	274,081	54.1	1,247
Syracuse (N. Y.) area.....	46	353,617	3,787	49	1,037	2,621	290,191	64.6	1,319
Norfolk-Portsmouth (Va.) area.....	47	347,279	4,216	39	848	3,147	299,391	63.5	1,152
Richmond (Va.) area.....	48	339,794	3,153	52	1,040	2,606	319,524	70.3	1,390
Oklahoma City (Okla.) area.....	49	317,913	3,539	53	986	2,760	290,068	75.2	1,196
Phoenix (Ariz.) area.....	50	311,336	3,472	51	946	1,593	209,171	32.0	1,984

See footnotes at end of table.

No. 1058.—RETAIL STORES—NUMBER AND SALES, FOR SPECIFIED METROPOLITAN AREAS: 1948—Continued

METROPOLITAN AREA	THE METROPOLITAN AREA					CENTRAL CITIES ¹			
	Sales, entire year		Stores (number)	Population rank, 1950 ²	Per capita sales ³ (dollars)	Stores (number)	Sales, entire year (\$1,000)	Population, 1950, percent of area total	Per capita sales ³ (dollars)
	Rank	Amount (\$1,000)							
Wilkes-Barre-Hazleton (Pa.) area.....	51	305,435	6,350	44	781	2,025	148,861	28.7	1,328
Sacramento (Calif.) area.....	52	297,303	2,921	65	1,079	1,987	236,730	49.2	1,744
Grand Rapids (Mich.) area.....	53	296,140	3,051	60	1,032	2,126	240,356	61.2	1,368
Fresno (Calif.) area.....	54	285,519	3,218	66	1,041	1,562	185,945	33.0	2,052
San Jose (Calif.) area.....	55	279,967	2,840	59	969	1,254	147,734	32.9	1,554
Nashville (Tenn.) area.....	56	278,083	3,032	54	868	2,235	238,412	54.1	1,375
Wilmington (Del.) area.....	57	276,834	3,382	70	1,036	1,962	189,444	41.1	1,724
Jacksonville (Fla.) area.....	58	272,034	3,153	56	899	2,492	247,762	67.2	1,218
Wheeling (W. Va.)-Steubenville (Ohio) area.....	59	268,024	4,193	48	759	1,446	139,101	26.7	1,478
Canton (Ohio) area.....	60	268,010	3,054	62	950	1,525	150,489	41.2	1,294
Des Moines (Iowa) area.....	61	267,871	2,337	84	1,191	1,999	250,325	78.7	1,415
Salt Lake City (Utah) area.....	62	267,573	2,433	67	976	1,607	188,642	66.3	1,203
Bridgeport (Conn.) area.....	63	266,455	3,318	72	1,031	2,498	214,461	61.7	1,346
Harrisburg (Pa.) area.....	64	265,132	3,650	57	911	1,531	140,795	30.6	1,580
Worcester (Mass.) area.....	65	265,030	3,058	68	967	2,316	223,376	73.7	1,131
New Haven (Conn.) area.....	66	262,070	3,833	71	1,000	2,847	205,995	62.3	1,261
Charleston (W. Va.) area.....	67	259,302	3,286	55	812	1,105	141,982	22.8	1,950
Utica-Rome (N. Y.) area.....	68	258,150	4,078	61	910	2,092	160,017	50.4	1,120
Tulsa (Okla.) area.....	69	254,405	2,677	77	1,023	2,123	230,985	72.6	1,279
Knoxville (Tenn.) area.....	70	250,505	3,012	50	746	1,680	174,732	37.0	1,407
Davenport (Iowa)-Rock Island-Moline (Ill.) area.....	71	246,739	2,632	81	1,059	1,939	207,515	68.5	1,301
Flint (Mich.) area.....	72	246,724	2,794	69	914	1,822	196,510	60.3	1,207
San Bernardino (Calif.) area.....	73	246,338	3,581	63	879	964	98,907	22.4	1,575
Trenton (N. J.) area.....	74	242,259	3,194	82	1,056	2,253	169,276	55.7	1,324
Peoria (Ill.) area.....	75	242,133	2,613	76	969	1,368	165,191	44.6	1,481
Duluth (Minn.)-Superior (Wis.) area.....	76	238,859	3,281	75	949	1,761	156,378	55.3	1,124
Reading (Pa.) area.....	77	230,547	3,741	74	904	1,975	139,995	42.8	1,284
Wichita (Kans.) area.....	78	225,074	2,414	85	1,022	1,961	201,552	75.5	1,212
Spokane (Wash.) area.....	79	223,147	2,173	86	1,014	1,738	198,014	72.9	1,234
Tacoma (Wash.) area.....	80	218,285	2,612	64	791	1,709	171,114	51.8	1,197
South Bend (Ind.) area.....	81	217,908	2,164	88	1,064	1,481	169,129	56.5	1,462
Stamford-Norwalk (Conn.) area.....	82	217,066	2,574	93	1,117	1,594	133,456	63.3	1,085
Lancaster (Pa.) area.....	83	215,371	2,872	80	920	1,042	90,806	27.2	1,428
Erie (Pa.) area.....	84	215,241	2,527	87	986	1,607	162,569	59.6	1,249
Johnstown (Pa.) area.....	85	210,329	3,080	58	724	836	90,846	21.6	1,448
Scranton (Pa.) area.....	86	205,268	3,811	73	801	1,796	136,904	48.7	1,097
Stockton (Calif.) area.....	87	202,242	2,260	90	1,009	1,210	131,448	35.7	1,834
Chattanooga (Tenn.) area.....	88	197,849	2,717	79	806	1,829	166,989	53.1	1,281
Beaumont-Port Arthur (Tex.) area.....	89	193,671	2,447	94	998	2,030	177,353	77.9	1,175
Fort Wayne (Ind.) area.....	90	193,390	1,774	98	1,057	1,400	171,638	72.6	1,292
Lansing (Mich.) area.....	91	184,141	1,582	100	1,068	978	142,734	53.2	1,557
Charlotte (N. C.) area.....	92	183,964	1,642	92	938	1,275	169,702	67.9	1,274
Binghamton (N. Y.) area.....	93	181,878	2,017	97	985	1,061	115,546	43.9	1,424
Greensboro-High Point (N. C.) area.....	94	177,448	1,810	96	933	1,274	162,429	59.8	1,429
Huntington (W. Va.)-Ashland (Ky.) area.....	95	174,853	2,628	78	712	1,464	130,229	47.8	1,109
Little Rock (Ark.) area.....	96	174,746	2,311	95	906	1,923	167,392	74.4	1,166
Atlantic City (N. J.) area.....	97	173,260	2,986	127	1,304	1,909	121,682	46.4	1,974
Madison (Wis.) area.....	98	172,953	1,860	102	1,026	1,035	122,620	56.7	1,283
York (Pa.) area.....	99	172,775	2,689	89	853	1,263	81,094	29.5	1,358
Shreveport (La.) area.....	100	170,289	1,743	99	975	1,320	155,531	71.8	1,240
Mobile (Ala.) area.....	101	169,797	2,227	83	742	1,390	137,859	55.6	1,084
Rockford (Ill.) area.....	102	163,760	1,673	112	1,078	1,271	137,663	60.9	1,488
El Paso (Tex.) area.....	103	159,834	1,941	91	808	1,474	141,934	65.7	1,092
Evansville (Ind.) area.....	104	149,941	1,636	108	947	1,434	139,279	69.4	1,268
Springfield (Ill.) area.....	105	143,875	1,565	130	1,101	1,092	124,100	61.9	1,535

See footnotes at end of table.

No. 1058.—RETAIL STORES—NUMBER AND SALES, FOR SPECIFIED METROPOLITAN AREAS: 1948—Continued

METROPOLITAN AREA	THE METROPOLITAN AREA				CENTRAL CITIES ¹				
	Sales, entire year		Stores (number)	Population rank, 1950 ²	Per capita sales ³ (dollars)	Stores (number)	Sales, entire year (\$1,000)	Population, 1950, percent of area total	Per capita sales ³ (dollars)
	Rank	Amount (\$1,000)							
Corpus Christi (Tex.) area.....	106	141,350	1,819	104	859	1,364	123,226	65.6	1,140
Waterbury (Conn.) area.....	107	141,237	2,021	110	914	1,523	111,132	67.5	1,066
Austin (Tex.) area.....	108	138,692	1,539	106	855	1,343	134,085	82.3	1,016
Baton Rouge (La.) area.....	109	134,751	1,587	109	861	1,171	116,738	79.2	942
Portland (Maine) area.....	110	134,179	1,356	136	1,127	1,015	113,945	64.6	1,481
Hamilton-Middletown (Ohio) area.....	111	132,802	1,542	114	905	1,176	114,683	62.2	1,255
Saginaw (Mich.) area.....	112	132,435	1,522	111	866	1,035	107,045	60.4	1,159
Roanoke (Va.) area.....	113	130,719	1,261	129	984	972	117,634	68.6	1,291
New Britain-Bristol (Conn.) area.....	114	127,720	1,862	116	873	1,423	103,030	74.9	941
Sioux City (Iowa) area.....	115	125,931	1,293	146	1,211	1,028	113,912	80.8	1,356
Lincoln (Nebr.) area.....	116	124,734	1,091	137	1,055	912	117,984	82.4	1,211
Kalamazoo (Mich.) area.....	117	122,824	1,249	133	975	810	99,806	45.5	1,741
Savannah (Ga.) area.....	118	120,765	2,030	113	800	1,657	109,603	79.3	916
Columbia (S. C.) area.....	119	120,446	1,471	119	849	1,110	111,000	60.6	1,291
New Bedford (Mass.) area.....	120	120,216	1,884	123	875	1,627	107,657	79.4	987
Cedar Rapids (Iowa) area.....	121	118,353	1,097	147	1,141	768	100,311	69.6	1,390
Fall River (Mass.) area.....	122	117,211	1,813	124	856	1,518	105,148	81.6	941
Muskegon (Mich.) area.....	123	116,628	1,382	(4)	966	755	75,075	39.8	1,563
Galveston (Tex.) area.....	124	116,620	1,524	139	1,039	903	82,697	58.7	1,255
Lawrence (Mass.) area.....	125	115,662	1,769	134	921	1,367	93,316	64.1	1,160
Brockton (Mass.) area.....	126	115,163	1,530	131	891	824	71,171	48.6	1,132
Racine (Wis.) area.....	127	114,884	1,450	141	1,053	965	87,323	64.8	1,234
Waco (Tex.) area.....	128	114,536	1,659	132	891	1,139	97,634	65.0	1,158
Charleston (S. C.) area.....	129	113,208	1,834	107	708	1,107	88,153	42.7	1,292
Altoona (Pa.) area.....	130	113,101	1,628	121	814	928	78,430	55.3	1,021
Jackson (Miss.) area.....	131	112,765	1,273	120	797	848	100,585	69.0	1,030
Montgomery (Ala.) area.....	132	109,527	1,261	122	796	1,006	103,401	76.4	984
Augusta (Ga.) area.....	133	106,896	1,760	105	659	1,040	83,111	44.1	1,162
Columbus (Ga.) area.....	134	106,607	1,644	101	627	1,133	92,333	46.8	1,161
Springfield (Ohio) area.....	135	105,634	1,168	140	952	940	93,817	70.3	1,202
Decatur (Ill.) area.....	136	105,627	1,064	150	1,053	797	92,412	67.6	1,363
Terre Haute (Ind.) area.....	137	104,944	1,376	143	1,000	1,052	94,666	61.0	1,478
Lowell (Mass.) area.....	138	104,640	1,464	128	788	1,201	92,920	72.7	963
Raleigh (N. C.) area.....	139	104,098	1,382	125	766	740	82,157	47.9	1,262
Springfield (Mo.) area.....	140	99,815	1,381	145	959	1,006	85,587	63.7	1,291
Topeka (Kans.) area.....	141	99,627	1,196	144	954	993	92,014	74.5	1,182
Macon (Ga.) area.....	142	97,239	1,313	126	723	911	83,441	52.1	1,190
Winston-Salem (N. C.) area.....	143	97,003	1,319	118	669	953	86,978	59.8	1,062
Asheville (N. C.) area.....	144	91,799	1,261	135	749	813	79,435	42.6	1,522
Durham (N. C.) area.....	145	90,125	995	148	896	797	85,366	69.9	1,214
St. Joseph (Mo.) area.....	146	89,798	1,186	156	959	984	81,508	80.7	1,079
Manchester (N. H.) area.....	147	89,497	1,052	159	1,015	998	86,977	93.6	1,053

¹ Central cities are those named in title of metropolitan area, with exception of New York-Northeastern New Jersey which includes New York, Newark, and Jersey City.

² Based on advance 1950 population estimates.

³ Per capita sales is ratio of 1948 sales to advance 1950 population estimates.

⁴ Not included in ranking of metropolitan areas by 1950 Census of Population.

Source: Department of Commerce, Bureau of Census; *U. S. Census of Business: 1948*, Vol. III.

No. 1061.—DEPARTMENT STORE SALES AND STOCKS—INDEXES, BY FEDERAL RESERVE DISTRICT: 1919 TO 1951

[1947-49 average=100. Based on retail value figures. Monthly data adjusted for seasonal variation]

YEAR OR MONTH	United States	FEDERAL RESERVE DISTRICT											
		Boston	New York	Philadelphia	Cleveland	Richmond	Atlanta	Chicago	St. Louis	Minneapolis	Kansas City	Dallas	San Francisco
SALES													
1919.....	27	37	34	40	27	21	20	-----	-----	37	-----	21	18
1920.....	32	42	41	47	34	23	24	-----	-----	42	-----	26	22
1925.....	36	48	47	50	35	26	22	35	36	41	38	23	26
1930.....	35	47	51	44	34	26	22	35	33	35	34	22	28
1935.....	29	35	38	34	28	25	19	30	25	30	27	19	24
1940.....	37	42	43	41	38	34	29	40	35	36	34	27	33
1941.....	44	50	49	48	45	42	34	47	43	41	39	32	40
1942.....	50	56	52	53	51	51	39	52	48	44	46	37	49
1943.....	56	60	55	56	56	58	50	57	54	51	57	50	59
1944.....	62	66	61	62	61	65	61	62	61	57	64	58	65
1945.....	70	72	70	68	68	72	70	68	70	66	72	66	72
1946.....	90	92	91	87	88	92	90	89	90	88	90	85	91
1947.....	98	99	99	96	97	97	96	98	97	98	98	94	99
1948.....	104	102	103	104	105	103	103	104	104	104	103	105	104
1949.....	98	99	98	100	98	100	101	97	98	99	99	102	98
1950.....	105	103	101	106	105	105	109	104	104	105	108	113	105
1951.....	109	105	105	109	111	112	114	108	105	104	111	117	108
January.....	125	123	120	126	136	124	123	121	128	117	132	129	125
February.....	115	111	110	120	120	116	114	116	108	117	116	118	112
March.....	105	102	103	109	104	105	113	107	99	93	110	112	102
April.....	104	98	102	105	108	111	105	104	98	101	103	112	102
May.....	104	100	100	104	104	110	107	105	98	100	104	111	104
June.....	105	98	108	103	106	110	114	101	98	98	104	113	103
July.....	105	106	103	105	107	105	111	101	104	101	104	114	108
August.....	109	108	106	111	108	121	110	107	106	109	111	115	106
September.....	107	100	101	107	108	109	111	106	105	101	112	115	108
October.....	108	103	103	108	112	114	111	109	105	104	110	114	106
November.....	112	106	104	109	114	118	121	110	109	107	116	129	114
December.....	109	106	103	105	109	109	121	109	107	104	113	122	110
STOCKS													
1919.....	37	53	44	-----	37	-----	29	-----	-----	48	-----	34	27
1920.....	48	62	60	-----	51	-----	38	-----	-----	59	-----	46	35
1925.....	48	64	58	70	50	35	33	43	55	56	59	40	36
1930.....	44	56	58	58	45	32	30	44	46	41	52	29	36
1935.....	31	43	40	40	31	26	22	30	33	32	32	23	26
1940.....	38	47	44	42	39	33	29	38	39	39	36	29	34
1941.....	46	56	53	51	48	41	36	46	49	47	43	34	41
1942.....	63	75	78	70	68	58	47	64	63	59	55	42	57
1943.....	55	65	62	60	54	54	44	55	54	52	53	42	53
1944.....	58	68	65	62	57	59	51	55	56	58	55	48	54
1945.....	59	71	69	64	59	62	53	55	58	57	56	52	56
1946.....	77	85	85	81	78	80	75	73	77	74	74	69	73
1947.....	93	95	98	93	93	94	90	89	93	91	93	89	93
1948.....	107	105	105	107	107	105	108	111	106	110	108	110	107
1949.....	100	100	97	99	100	101	102	100	100	100	100	101	100
1950.....	110	110	104	108	111	114	120	110	112	104	113	112	110
1951.....	129	124	124	127	134	134	140	128	131	117	132	132	131
January.....	127	123	120	124	133	129	146	125	127	113	129	129	126
February.....	129	129	124	127	133	131	145	127	131	114	128	126	128
March.....	133	132	129	132	143	124	144	132	135	119	132	134	132
April.....	138	132	131	133	148	138	150	136	142	123	142	138	140
May.....	136	129	128	132	145	137	146	134	140	123	141	140	137
June.....	136	131	131	132	146	145	141	133	143	122	141	138	136
July.....	138	130	133	134	144	146	140	139	139	124	141	141	139
August.....	134	127	129	130	136	140	144	131	139	123	143	140	138
September.....	128	120	122	126	132	135	132	124	127	116	133	135	132
October.....	121	115	115	117	122	127	130	121	119	113	123	125	124
November.....	117	112	115	115	114	125	130	115	114	107	117	120	119
December.....	119	115	115	120	116	129	133	117	119	106	121	125	119

No. 1062.—PERSONAL, BUSINESS, AND REPAIR SERVICES—EMPLOYMENT BY SIZE OF ESTABLISHMENT, BASED ON NUMBER EMPLOYED: 1948

[For kinds of personal, business and repair services covered, see table 1064]

NUMBER OF EMPLOYEES PER ESTABLISHMENT	ESTABLISHMENTS		Receipts, entire year (\$1,000)	Payroll, entire year ¹ (\$1,000)	Paid employees ^{1,2}
	Number	Percent of total			
Total	559,559	100.0	8,578,162	2,871,214	1,342,496
No paid employees.....	295,505	52.9	1,131,879	16,865	-----
1 paid employee.....	104,717	18.7	880,533	167,007	104,717
2 paid employees.....	56,549	10.1	762,076	197,000	113,098
3 paid employees.....	30,768	5.5	584,528	170,865	92,274
4 or 5 paid employees.....	28,809	5.1	787,017	256,199	127,100
6 or 7 paid employees.....	13,547	2.4	522,347	184,161	87,134
8 or 9 paid employees.....	6,656	1.2	333,462	125,808	56,003
10 to 19 paid employees.....	12,331	2.2	900,052	376,064	164,204
20 to 49 paid employees.....	7,244	1.3	1,024,109	488,137	219,433
50 to 99 paid employees.....	2,293	.4	645,378	342,045	167,482
100 or more paid employees.....	1,150	.2	1,006,781	547,063	220,991

¹ Includes paid executives of corporations but not proprietors of unincorporated businesses.

² Workweek ended nearest Nov. 15.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Business: 1948*, Vol VI.

No. 1063.—AMUSEMENTS—SUMMARY, BY KIND OF BUSINESS: 1948

[Covers establishments primarily engaged in providing amusement or entertainment. Excludes establishments operated by educational institutions, religious bodies, fraternal groups, government agencies and nonprofit organizations]

KIND OF BUSINESS	Estab- lish- ments	Receipts (exc. taxes), entire year	Taxes ¹	Payroll, entire year ²	UNINCORPORATED BUSINESSES		PAID EMPLOYEES AND PAYROLL, WORKWEEK ENDED NEAREST NOV. 15 ²	
					Active propi- etors, Nov.	Unpaid family workers, Nov.	Employ- ees	Payroll
United States	<i>Number</i> 50,347	<i>\$1,000</i> 2,349,601	<i>\$1,000</i> 323,396	<i>\$1,000</i> 610,034	<i>Number</i> 37,874	<i>Number</i> 17,458	<i>Number</i> 341,931	<i>Dollars</i> 11,551,185
Motion picture theaters.....	18,631	1,352,880	261,402	302,511	8,488	6,004	187,031	5,732,102
Bands, orchestras, and enter- tainers.....	2,026	28,509	(*)	17,066	1,742	122	10,335	367,166
Bowling alleys, billiard and pool parlors.....	14,166	202,761	1,364	64,315	13,760	3,448	76,543	1,553,552
Billiard and pool parlors.....	9,661	65,485	442	12,413	9,588	2,007	9,766	265,290
Bowling alleys.....	4,505	137,276	922	51,902	4,172	1,441	66,777	1,288,262
Dance halls, studios, and schools.....	1,074	32,998	4,207	9,879	1,018	865	194,177	593,890
Race track operation, total.....	198	177,032	10,873	35,538	85	33	7,615	593,890
Sports promoters and commer- cial operators.....	6,518	169,904	23,369	57,553	5,869	4,420	17,196	943,882
Baseball and football clubs, athletic fields, sports pro- motors.....	589	110,655	20,142	42,803	164	35	8,885	710,493
Baseball clubs (inc. promoters).....	357	65,062	12,121	28,394	34	10	3,066	166,272
Football clubs (inc. promoters).....	21	10,239	1,761	5,464	5	-----	1,047	305,489
Stadiums, athletic fields, promoters of boxing, wrest- ling, and other athletic events.....	211	35,354	6,260	8,945	125	25	4,772	238,732
Bathing beaches.....	261	3,849	229	1,014	234	277	200	6,775
Golf courses.....	325	8,304	64	2,501	252	157	900	36,195
Riding academies.....	709	5,180	17	1,145	669	460	698	21,933
Skating rinks.....	1,424	19,775	2,144	5,283	1,409	1,237	4,783	115,512
Swimming pools.....	499	6,670	668	1,838	381	371	444	12,060
Commercial sports operators, n. e. c.....	2,711	15,531	105	2,969	2,760	1,883	1,286	40,884
Theaters and theatrical pro- ducers (exc. motion picture).....	1,426	133,902	(*)	56,803	1,236	143	13,288	1,139,381
Miscellaneous amusement and recreation services.....	6,308	251,555	11,777	66,369	5,676	2,423	21,326	1,027,035
Amusement devices.....	1,604	22,953	1,447	4,703	1,083	704	1,096	36,310
Amusement parks.....	368	38,660	3,388	12,237	270	221	2,708	101,026
Shooting galleries.....	181	1,581	5	339	140	56	139	5,333
Coin-operated amusement de- vice services.....	2,447	97,460	1,731	20,232	2,596	555	7,265	385,079
Misc. amusement and recrea- tion services, n. e. c. ⁴	1,708	90,901	5,206	28,858	1,587	887	10,118	499,287

¹ Consists of Federal, State and local amusement, sales and excise taxes collected directly from customer and paid directly to taxing agency.

² Includes paid executives of corporations but not proprietors of unincorporated businesses.

³ Withheld to avoid disclosure of individual operations.

⁴ Includes legalized gambling operations. Net revenues of pari-mutuel betting at race tracks included in "Race track operation."

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Business: 1948*, Vol. VII.

No. 1064.—SELECTED SERVICES—SUMMARY, BY KIND OF BUSINESS: 1939 AND 1948

[Covers establishments primarily engaged in providing personal, business and repair services, amusement or entertainment, and accommodations in hotels and tourist courts. 1939 figures adjusted to secure comparability with 1948]

KIND OF BUSINESS	ESTABLISHMENTS		RECEIPTS, ENTIRE YEAR		PAYROLL, ENTIRE YEAR		PAID EMPLOYEES AND PAY-ROLL, WORKWEEK ENDED NEAREST NOV. 15				UNINCORPORATED BUSINESSES		
	1939	1948	1939 ¹	1948	1939	1948 ²	Employees		Payroll, 1948 ²	Active proprietors		Unpaid family workers, Nov. 1948	
							1939	1948 ²		1939	Nov. 1948		
SELECTED SERVICES													
Personal, business, and repair services.....	Number	\$1,000	\$1,000	\$1,000	Number	Number	Dollars	Number	Number	Number	Number	Number	Number
Amusements ³	570,057	559,559	2,973,593	8,578,162	911,248	2,871,214	50,828,486	579,433	574,610	120,407	120,407	120,407	120,407
Hotels.....	44,917	50,347	998,079	2,349,601	225,481	610,034	11,351,185	33,971	37,874	17,493	17,493	17,493	17,493
Tourist courts and camps.....	27,987	29,650	863,155	2,172,756	243,228	660,004	12,438,752	24,018	26,411	16,915	16,915	16,915	16,915
PERSONAL, BUSINESS, AND REPAIR SERVICES	13,521	25,919	36,722	195,505	4,226	22,604	421,869	13,366	27,715	24,287	24,287	24,287	24,287
Personal services, total.....	389,726	351,985	1,821,584	4,440,189	571,510	1,582,532	31,357,304	398,721	360,568	77,317	77,317	77,317	77,317
Barber, beauty shops.....	205,268	169,031	481,271	844,908	137,374	278,982	5,658,684	214,836	174,059	10,849	10,849	10,849	10,849
Barber shops.....	117,998	91,993	230,983	404,441	55,557	126,012	2,557,266	124,596	95,970	3,753	3,753	3,753	3,753
Beauty shops.....	83,071	74,497	231,670	417,570	74,496	143,274	2,907,787	35,419	73,111	6,245	6,245	6,245	6,245
Barber and beauty shops combined.....	4,199	2,891	18,618	22,987	7,321	9,696	193,601	4,821	2,973	851	851	851	851
Cleaning, dyeing plants.....	12,616	25,534	193,316	844,357	83,982	399,434	7,972,704	12,794	28,143	12,759	12,759	12,759	12,759
Cleaning, dyeing plants (ex. rug cleaning).....	11,604	24,017	182,698	807,673	80,014	385,155	7,685,985	11,846	26,601	12,138	12,138	12,138	12,138
Rug cleaning, repairing plants.....	1,012	1,517	10,618	36,684	3,968	14,279	7,983,719	1,849	1,547	621	621	621	621
Fur cleaning, crematories.....	18,196	18,675	201,617	572,355	40,576	90,019	1,750,831	18,239	18,732	10,333	10,333	10,333	10,333
Laundries, laundry services.....	22,736	19,182	527,753	1,257,987	259,062	620,559	11,869,071	13,018	18,674	3,966	3,966	3,966	3,966
Power laundries (exc. power laundries of linen supply and diaper services).....	17,491	6,783	451,970	913,086	241,547	601,646	9,604,700	5,520	5,569	1,765	1,765	1,765	1,765
Linen supply service.....	(6)	1,176	238,203	238,203	(6)	91,101	1,731,902	(6)	675	106	106	106	106
Diaper service.....	(6)	284	25,887	25,887	(6)	10,091	196,973	(6)	333	106	106	106	106
Laundries (exc. power).....	15,245	10,839	45,783	86,861	7,515	17,751	365,436	17,498	12,097	4,019	4,019	4,019	4,019
Photographic studios (inc. commercial photography).....	10,957	14,712	64,185	212,025	15,690	57,870	1,206,853	10,417	14,410	5,313	5,313	5,313	5,313
Photographic studios (exc. commercial photography).....	(6)	11,549	(6)	147,118	(6)	35,993	779,297	(6)	11,227	4,384	4,384	4,384	4,384
Commercial photography.....	(6)	3,163	(6)	64,907	(6)	21,877	427,556	(6)	3,183	929	929	929	929
Pressing, alteration, garment repair shops.....	54,696	47,888	153,254	365,661	23,772	67,704	1,459,696	54,564	49,783	19,034	19,034	19,034	19,034
Pressing, alteration, etc. (exc. fur).....	52,516	45,554	140,578	320,148	21,474	59,197	1,474,842	52,398	47,401	18,254	18,254	18,254	18,254
Fur repair and storage shops.....	2,180	2,334	12,676	45,513	2,294	8,507	214,854	2,166	2,382	780	780	780	780
Shoe-repair shops, shoeshine parlors, hat cleaning.....	59,371	44,151	119,321	218,800	15,497	36,409	736,367	59,125	44,282	7,863	7,863	7,863	7,863
Shoe-repair shops.....	50,115	39,763	106,737	202,176	13,349	32,711	659,885	49,695	39,701	7,003	7,003	7,003	7,003
Shoeshine parlors.....	7,968	2,962	8,210	6,668	1,133	1,166	24,605	8,064	3,020	433	433	433	433

Hat-cleaning shops.....	1,288	4,374	9,956	1,015	2,532	1,547	2,019	51,877	1,366	1,561	427
Miscellaneous personal services.....	5,886	20,367	124,006	5,557	31,555	6,743	20,978	673,098	5,728	12,420	5,370
Self-service laundries.....	(¹)	(¹)	65,409	(¹)	11,975	(¹)	10,373	277,157	(¹)	8,503	4,549
Miscellaneous personal services, n. e. c.....	(¹)	(¹)	58,597	(¹)	19,880	(¹)	10,569	395,941	(¹)	3,827	170
Costume and dress suit rental agencies.....	417	4,070	10,117	1,321	2,845	1,031	1,216	64,542	387	533	387
Turkish baths, massage parlors.....	1,600	510	9,867	1,648	3,151	1,648	1,926	63,793	1,557	1,296	286
Other misc. personal services, n. e. c.....	3,869	6,018	28,613	2,588	13,554	3,553	7,457	277,606	3,784	1,908	364
Business services, total.....	26,188	486,912	1,629,513	199,464	701,226	143,491	242,982	13,572,326	23,181	27,918	5,366
Advertising.....	5,986	652,063	3,279	53,546	290,765	(¹)	72,975	5,528,726	(¹)	4,480	543
Advertising agencies.....	3,279	97,372	394,872	(¹)	194,342	16,836	38,739	3,655,756	1,070	2,469	258
Outdoor advertising service.....	1,679	46,844	114,881	14,836	38,405	8,682	20,567	704,686	(¹)	386	87
Miscellaneous advertising service.....	(¹)	(¹)	142,310	(¹)	58,018	(¹)	23,669	1,186,284	(¹)	1,482	198
Consumer credit reporting agencies, etc.....	2,576	121,913	23,238	20,376	58,018	18,956	26,625	1,186,851	1,782	1,617	364
Duplicating, addressing, blueprinting, etc.....	3,262	35,310	95,225	11,919	35,461	12,949	17,272	702,960	3,132	3,082	480
Duplicating, addressing, etc., stenographic.....	2,762	22,349	53,593	7,941	20,561	9,820	11,827	419,149	2,745	2,546	371
Duplicating, addressing, mailing, mailing list.....	1,433	17,682	43,637	7,050	17,781	9,016	10,429	363,677	1,404	1,445	273
Public stenographic agencies, court reporting.....	1,329	4,767	9,956	891	2,780	804	1,393	55,472	1,341	1,101	98
Blueprinting, photostating services.....	500	41,632	3,978	3,978	14,890	3,129	5,445	283,811	387	536	109
Employment agencies, private.....	1,424	7,861	30,784	2,777	10,271	1,994	4,580	215,440	1,419	2,239	358
News syndicates.....	(¹)	(¹)	70,421	(¹)	29,043	(¹)	5,478	510,751	(¹)	34	9
Services to dwellings and other buildings.....	3,323	(¹)	117,335	(¹)	64,048	(¹)	27,621	1,264,601	(¹)	3,048	674
Disinfecting, exterminating service.....	952	11,143	43,467	4,606	18,792	3,636	6,575	358,519	748	1,074	313
Window-cleaning service.....	823	11,781	38,013	6,895	21,555	6,401	9,711	445,620	869	1,325	236
Miscellaneous services to dwellings, etc.....	(¹)	(¹)	35,855	(¹)	23,401	(¹)	11,335	450,462	(¹)	1,649	125
Business services, n. e. c.....	14,844	228,466	541,772	81,647	211,272	73,937	88,431	4,150,997	13,825	13,468	2,038
Auctioneers' establishments (service only).....	970	670	64,772	1,659	3,447	3,380	2,231	83,172	996	717	195
Coin-operated machine rental and repair services.....	1,554	30,576	50,500	5,852	10,061	4,381	3,623	194,781	1,006	1,391	256
Detective agencies.....	280	4,128	18,786	2,677	11,680	2,845	6,874	242,442	184	184	84
Interior decorating service.....	603	18,943	7,365	4,783	3,763	751	1,533	77,161	454	616	126
Photo-finishing laboratories.....	1,201	16,111	88,839	4,561	34,019	4,442	14,277	630,553	1,180	1,694	625
Sign-painting shops.....	5,391	16,803	47,283	3,488	13,820	3,296	3,081	272,775	5,741	4,585	869
Telephone-answering service.....	367	(¹)	7,469	(¹)	3,883	(¹)	2,187	74,924	(¹)	240	261
Window-display service.....	215	3,059	8,060	1,199	2,716	927	1,036	56,110	192	201	51
Other business services, n. e. c.....	7,472	148,211	287,387	61,423	128,298	78,905	51,569	2,514,074	13,472	3,529	683
Automobile repair services and garages, total.....	78,881	440,892	1,561,109	97,514	355,368	96,424	153,576	7,171,450	80,584	101,749	13,540
Automobile repair shops.....	66,178	315,630	1,272,036	66,078	274,401	65,501	117,232	5,546,260	71,091	94,297	17,078
General automobile repair shops.....	51,827	228,214	839,466	43,461	153,640	44,967	71,341	3,205,845	55,389	66,914	12,338
Battery and ignition repair and service shops.....	2,073	10,228	30,368	1,597	5,799	1,724	2,560	114,908	2,201	2,067	199
Glass-replacement and repair shops.....	(¹)	(¹)	20,248	(¹)	3,677	(¹)	1,526	74,774	(¹)	1,222	143
Paint shops.....	1,300	6,220	32,165	1,731	9,894	1,726	4,179	207,382	1,466	2,827	433
Radiator repair shops.....	1,089	4,631	36,267	1,984	8,254	1,976	3,373	174,286	1,133	3,117	486
Tire repair shops.....	2,215	1,955	8,222	1,064	5,326	1,253	3,408	110,308	2,363	1,964	368
Top and body repair shops.....	6,232	44,678	188,208	13,683	58,730	12,297	22,941	1,180,387	7,067	11,834	1,582
Automobile repair shops, n. e. c.....	1,442	13,437	90,218	3,600	24,181	2,858	8,924	478,367	1,472	4,362	705
Brake repair shops.....	487	4,876	18,067	1,162	4,621	1,105	1,663	93,090	500	822	122
Wheel, axle, spring repair shops.....	413	5,040	37,602	1,572	11,675	1,105	3,996	223,568	424	1,311	186
Other automobile repair shops, n. e. c.....	542	3,521	8,526	883	7,885	883	3,265	161,700	548	2,229	397
Automobile rentals (without drivers).....	648	20,251	83,917	5,393	18,798	4,046	6,208	395,181	380	533	137

See footnotes at end of table.

No. 1064.—SELECTED SERVICES—SUMMARY, BY KIND OF BUSINESS: 1939 AND 1948—Continued

KIND OF BUSINESS	ESTABLISHMENTS		RECEIPTS, ENTIRE YEAR		PAYROLL, ENTIRE YEAR		PAID EMPLOYEES AND PAY-ROLL, WORKWEEK ENDED NEAREST NOV. 15		UNINCORPORATED BUSINESSES	
	1939	1948	1939 ¹	1948	1939	1948 ²	1939	1948 ³	Active proprietors	Unpaid family workers, Nov. 1948
PERSONAL, BUSINESS, AND REPAIR SERVICES—CON.										
Automobile repair services and garages—CON.										
Automobile storage, parking.....	Number	Number	\$1,000	\$1,000	\$1,000	\$1,000	Number	Dollars	Number	Number
Storage garages.....	11,095	8,533	102,070	190,347	25,154	55,990	25,920	25,618	8,126	5,328
Parking lots.....	4,821	2,606	70,315	115,479	18,193	35,729	10,108	14,294	3,844	1,134
Automobile services (excl. repair)	6,274	6,927	31,755	74,868	6,961	20,261	8,312	11,324	4,282	1,918
Automobile laundries.....	(⁴)	1,125	(⁴)	14,809	(⁴)	6,119	(⁴)	4,488	(⁴)	3,010
Automobile services, n. e. c.....	660	1,792	2,941	10,375	889	4,605	1,357	3,880	987	1,091
Automobile services, n. e. c.....	(⁴)	333	(⁴)	4,434	(⁴)	1,424	(⁴)	618	(⁴)	763
Miscellaneous repair services, total.....	75,262	80,023	224,205	947,351	42,660	232,088	45,284	94,914	76,947	328
Blacksmith shops.....	10,797	8,249	22,567	44,411	2,627	7,466	3,548	3,830	17,295	10,184
Radio repair shops.....	15,644	19,440	47,835	214,796	7,858	40,831	7,051	21,100	16,142	8,863
Refrigerator services and repair shops.....	10,732	12,558	21,687	100,679	2,004	20,791	1,842	13,952	10,143	20,131
Other electrical repair shops.....	1,297	2,531	9,222	45,507	2,338	9,938	1,834	3,028	11,000	12,635
Upholstery, furniture repair shops.....	3,615	4,351	16,926	68,610	3,496	16,083	3,275	6,910	3,410	2,733
Watch, clock, jewelry repair shops.....	9,685	10,297	35,095	126,375	6,915	30,107	7,049	13,096	10,261	4,463
Miscellaneous repair shops.....	12,485	12,760	26,902	86,401	2,946	13,404	2,977	6,214	12,530	11,346
Armature rewinding shops.....	20,551	29,287	58,806	475,368	22,354	134,280	20,859	50,104	2,588	2,855
Bicycle repair shops.....	978	2,023	12,873	60,472	3,783	17,709	3,163	6,458	12,748	6,466
Leather goods repair shops.....	1,601	1,283	3,435	7,390	307	549	344	315	1,021	450
Locksmith, gunsmith shops.....	2,168	5,500	8,809	3,017	249	684	340	11,049	3,621	331
Musical instrument repair shops.....	2,252	1,518	5,261	11,529	722	1,815	736	893	2,178	129
Repair shops, n. e. c.....	982	789	1,946	5,534	231	1,183	223	598	2,248	354
Lawn mower sharpening and repair shops.....	12,670	23,114	61,482	386,826	17,042	112,335	15,894	41,480	1,012	829
Saw, knife, and tool sharpening and repair shops.....	(⁴)	774	(⁴)	2,385	(⁴)	200	(⁴)	119	12,656	5,029
Sewing machine repair shops.....	1,451	1,304	3,875	9,801	882	2,482	706	968	(⁴)	805
Stove repair shops.....	355	1,058	1,592	3,961	136	395	126	196	1,501	145
Taxidermists.....	365	207	977	2,592	173	572	223	242	361	220
Typewriter repair shops.....	363	211	853	1,570	197	353	201	770	380	152
Welding shops.....	618	3,536	2,322	7,618	423	1,651	458	191	220	82
Other repair shops, n. e. c.....	(⁴)	638	(⁴)	36,854	(⁴)	8,844	(⁴)	3,434	364	79
Other repair shops, n. e. c.....	10,518	15,956	10,527	322,045	10,15,231	97,838	10,14,180	35,560	(⁴)	153

¹ Includes Federal, State, and local amusement, sales, and excise taxes collected directly from customer and paid directly to taxing agency.

² Includes paid executives of corporations but not proprietors of unincorporated businesses.

³ Includes motion picture theaters.

⁴ Not available.

⁵ Power laundries include industrial laundries, linen supply and diaper service.

⁶ Includes self-service laundries and electrolysis establishments.

⁷ Includes miscellaneous advertising service, news syndicates, miscellaneous service to dwellings, etc., and telephone-answering service.

⁸ Includes glass-replacement and repair shops.

⁹ Included in custom industry with custom welders in 1939.

¹⁰ Includes lawn-mower-sharpening and repair shops.

Source: Department of Commerce, Bureau of the Census; U. S. Census of Business: 1938, Vol. VII.

No. 1065.—POWER LAUNDRIES, CLEANING AND DYEING ESTABLISHMENTS, AND RUG CLEANING ESTABLISHMENTS—SUMMARY: 1919 TO 1948

All money figures in thousands of dollars. Statistics for 1948 cover establishments reporting receipts of \$500 or more; statistics for 1939 cover establishments reporting receipts of \$100 or more; for preceding specified census years statistics cover establishments reporting receipts of \$5,000 or more. The Business Censuses of 1948 and 1939 classified establishments shown in this table as service establishments. (See also table 1064.) Statistics for 1935 and earlier years were compiled in connection with the Census of Manufactures. Rug cleaning was treated, in general, as an activity of the power laundry industry for 1929 and earlier years]

YEAR	Number of establishments	Proprietors and firm members	Salaried employees	Wage earners ¹ (average for year)	Salaries ¹	Wages ¹	Cost of supplies, fuel, and purchased electric energy	Cost of contract work	Receipts for work done
Power laundries:									
1919.....	4,881	(²)	(²)	130,489	(²)	91,926	52,842	1,555	233,816
1925.....	4,859	3,851	15,412	169,200	31,613	162,466	55,407	1,107	362,295
1929.....	6,776	5,220	21,904	233,187	49,833	228,861	80,265	(³)	541,158
1935.....	6,316	4,244	19,920	208,354	34,586	154,791	62,796	2,366	369,452
1939.....	6,773	5,174	(⁴)	249,008	(⁵)	233,606	(²)	(²)	453,579
1945.....	7,662	6,249	(⁴)	310,571	(⁵)	586,603	(²)	(²)	1,110,964
Cleaning and dyeing establishments:									
1919.....	1,748	(²)	(²)	18,408	(²)	17,866	11,511	461	53,183
1925.....	2,406	2,263	5,769	29,386	10,550	37,590	15,188	814	102,394
1929.....	5,296	4,912	9,244	59,148	20,390	75,931	26,837	(³)	201,255
1935.....	5,510	4,980	9,334	57,286	12,483	49,792	21,656	1,129	130,657
1939.....	11,604	11,845	(⁴)	82,810	(⁵)	80,014	(²)	(²)	182,698
1948.....	24,017	26,601	(⁴)	203,867	(⁵)	385,155	(²)	(²)	807,673
Rug cleaning establishments:									
1935.....	506	395	670	2,344	1,136	2,260	1,211	90	8,001
1939.....	1,012	949	(⁴)	3,429	(⁵)	3,968	(²)	(²)	10,618
1948.....	1,517	1,547	(⁴)	6,159	(⁵)	14,279	(²)	(²)	36,684

¹ Includes data for paid executives of corporations but not for proprietors of unincorporated businesses.

² No comparable data.

³ Included in figure for cost of supplies, fuel, and purchased electric energy.

⁴ Data for "Salaried employees" included in "Wage earners (average for year)." 1948 data covered all paid employees who were on the payroll during the November 15 workweek.

⁵ Data for "Salaries" included in "Wages."

Source: Department of Commerce, Bureau of the Census; Biennial Census of Manufactures reports for 1935 and earlier years; 1939 Census of Business, Vol. III; and U. S. Census of Business: 1948, Vol. VII.

No. 1066.—HOTELS—SUMMARY, 1929 TO 1948, AND BY SIZE, 1948

[Covers commercial establishments known to the public as hotels and primarily engaged in providing lodging, or lodging and meals, to the general public. For 1935, 1939, and 1948 hotels having less than 6 guest rooms or receipts of less than \$500 for a full year's operations were excluded]

YEAR	Number of hotels	Number of guest rooms	Receipts (thousands of dollars)	Paid employees ¹	Total payroll (thousands of dollars) ¹
All hotels:					
1929.....	27,987	1,444,390	863,155	338,029	243,228
1948.....	29,650	1,549,823	2,172,756	398,293	660,004
Year-round hotels with 25 or more guest rooms:					
1929 ²	11,873	1,005,684	873,508	267,903	232,137
1933 ²	10,680	890,866	398,674	190,183	118,489
1935 ²	11,373	934,661	505,317	254,491	158,400
1939.....	14,084	1,143,704	759,084	303,621	224,877
1948.....	14,547	1,192,728	1,854,806	370,422	591,529

ITEM	SIZE OF HOTEL, 1948 (NUMBER OF GUEST ROOMS)				
	Less than 25 rooms	25 to 49 rooms	50 to 99 rooms	100 to 299 rooms	300 rooms or more
Number of hotels.....	12,307	8,679	5,268	2,862	534
Receipts (1,000 dollars).....	157,271	220,449	341,132	681,838	772,066
Active proprietors of unincorporated businesses.....	12,618	8,353	3,992	1,324	94
Paid employees.....	21,082	34,281	59,980	134,459	148,491

¹ Includes data for paid executives of corporations but not for proprietors of unincorporated businesses. For 1929, 1933, and 1935, average based on number of employees for April, July, October, and December; for 1939, average for year; for 1948, number for workweek ending nearest Nov. 15.

² Figures for California not included.

Source: Department of Commerce, Bureau of the Census; 1939 Census of Business, Vol. III, and U. S. Census of Business: 1948, Vol. VI.

No. 1067.—PERSONAL, BUSINESS, AND REPAIR SERVICES—SUMMARY, BY STATES: 1948

[For kinds of personal, business, and repair services covered, see table 1064]

DIVISION AND STATE	Estab- lish- ments	Re- ceipts, entire year	Payroll, entire year ¹	UNINCORPORATED BUSINESSES		PAID EMPLOYEES, WORKWEEK ENDED NEAREST NOV. 15 ¹		PAYROLL, WORK- WEEK ENDED NEAREST NOV. 15 ¹	
				Active proprietors, November	Unpaid family workers, November	Total	Full work- week	Total	Full work- week
United States	Number 559,559	\$1,000 8,578,162	\$1,000 2,871,214	Number 574,610	Number 120,407	Number 1,342,496	Number 1,198,415	Dollars 56,828,486	Dollars 54,265,693
New England	38,709	507,270	158,981	38,210	6,247	79,193	69,324	3,071,432	2,901,483
Maine	3,129	30,618	8,346	3,077	549	4,793	4,121	159,328	150,444
New Hampshire	2,167	22,155	5,880	2,210	410	3,309	2,845	113,254	105,289
Vermont	1,426	11,724	2,833	1,428	224	1,698	1,484	54,919	51,394
Massachusetts	19,886	280,002	91,352	19,885	3,074	45,294	39,675	1,762,633	1,665,799
Rhode Island	3,771	45,102	13,986	3,740	672	6,866	6,085	266,137	253,211
Connecticut	8,330	117,669	36,584	8,870	1,318	17,359	15,114	715,161	675,346
Middle Atlantic	141,838	2,395,360	838,066	144,817	27,691	346,084	311,121	16,499,694	15,835,791
New York	77,310	1,541,959	576,390	78,810	27,725	217,725	196,416	11,278,163	10,850,709
New Jersey	22,249	313,030	99,540	22,595	5,215	45,689	40,974	1,989,324	1,898,435
Pennsylvania	42,279	540,371	162,136	43,912	8,760	82,670	73,731	3,232,207	3,086,647
East North Central	110,159	1,848,908	638,458	112,836	23,329	276,381	242,187	12,573,262	11,948,430
Ohio	28,990	437,447	145,688	29,816	6,016	67,452	59,149	2,867,662	2,722,431
Indiana	13,640	184,299	57,387	14,192	2,746	29,207	25,730	1,147,394	1,091,285
Illinois	35,218	706,502	259,650	36,155	7,778	101,515	89,965	5,070,728	4,846,828
Michigan	21,376	367,268	130,266	22,220	4,582	55,872	48,315	2,590,522	2,442,991
Wisconsin	10,935	153,392	45,437	10,953	2,207	22,335	19,037	897,406	845,395
West North Central	53,593	652,463	189,848	55,805	10,532	98,285	85,903	3,788,730	3,587,210
Minnesota	10,104	134,571	40,767	10,503	1,706	19,521	16,827	824,057	778,693
Iowa	9,851	108,486	28,085	10,378	1,863	14,764	12,809	558,736	529,299
Missouri	16,243	225,819	74,378	16,553	3,154	37,463	33,074	1,458,505	1,384,336
North Dakota	1,955	16,916	3,682	2,068	318	2,312	1,985	80,948	75,356
South Dakota	2,037	19,521	4,745	2,150	492	2,739	2,328	95,715	88,922
Nebraska	5,342	63,434	16,143	5,639	1,011	9,040	7,862	325,859	308,359
Kansas	8,011	83,716	22,048	8,514	1,988	12,446	11,018	444,910	422,245
South Atlantic	58,652	879,003	305,536	58,832	12,741	176,347	160,638	6,096,164	5,856,641
Delaware	1,193	15,609	4,794	1,180	287	2,521	2,307	94,407	91,451
Maryland	7,910	121,055	40,056	7,987	1,409	20,359	18,335	791,064	757,009
District of Columbia	3,589	88,430	34,855	3,414	719	16,267	14,570	679,868	650,190
Virginia	7,944	120,811	41,796	7,914	1,460	25,015	22,620	832,424	797,447
West Virginia	4,476	59,395	19,641	4,443	937	10,836	9,880	391,287	375,641
North Carolina	9,571	129,426	45,859	9,873	2,121	30,051	27,640	933,400	900,137
South Carolina	4,574	58,062	19,659	4,538	1,080	13,922	12,684	392,849	376,317
Georgia	9,121	130,909	46,597	9,148	1,994	28,936	26,412	937,340	902,071
Florida	10,324	155,306	52,379	10,335	2,764	28,440	26,240	1,043,525	1,006,378
East South Central	26,349	354,784	118,323	27,208	6,502	74,834	68,465	2,348,022	2,260,489
Kentucky	6,806	93,329	28,560	7,321	1,484	16,654	15,081	568,597	545,242
Tennessee	7,960	123,577	43,253	8,194	1,965	26,189	24,327	854,424	829,239
Alabama	6,982	90,590	31,037	7,036	1,739	20,663	18,901	616,659	591,470
Mississippi	4,601	47,288	15,473	4,717	1,314	11,328	10,156	308,342	294,538
West South Central	50,993	634,099	198,923	52,807	14,698	115,693	105,206	4,036,649	3,869,215
Arkansas	5,276	49,130	14,965	5,480	1,310	10,134	9,355	304,149	293,589
Louisiana	6,992	90,866	30,502	6,765	1,695	18,479	17,002	613,628	589,231
Oklahoma	9,301	101,279	29,209	9,888	2,633	16,551	14,960	591,455	566,389
Texas	29,724	392,824	124,247	30,674	9,060	70,529	63,859	2,527,417	2,419,736
Mountain	17,008	233,338	70,038	17,999	4,440	36,176	31,965	1,401,034	1,331,398
Montana	1,942	23,823	6,237	2,122	356	3,229	2,824	125,063	116,294
Idaho	1,867	23,069	6,121	2,010	481	3,164	2,815	120,888	115,527
Wyoming	923	12,356	3,569	993	264	1,860	1,669	73,734	70,635
Colorado	5,117	72,783	22,859	5,368	1,236	12,083	10,491	454,615	431,465
New Mexico	1,987	24,661	7,318	2,096	652	4,140	3,820	148,052	143,127
Arizona	2,300	34,413	10,959	2,395	759	5,425	4,876	218,070	208,363
Utah	2,232	31,111	9,300	2,334	526	4,710	3,998	186,131	173,622
Nevada	640	11,122	3,675	681	166	1,565	1,472	74,481	72,360
Pacific	62,258	1,072,937	353,041	66,096	14,227	139,497	123,556	7,013,499	6,675,036
Washington	8,787	134,550	44,127	9,172	1,811	17,602	15,283	866,637	812,980
Oregon	5,898	96,727	29,902	6,365	1,257	12,416	11,218	608,176	581,612
California	47,573	841,660	279,012	50,559	11,159	109,479	97,055	5,538,686	5,280,444

¹ Includes paid executives of corporations but not proprietors of unincorporated businesses.Source: Department of Commerce, Bureau of the Census; *U. S. Census of Business: 1948*, Vol. VII.

No. 1068.—PERSONAL SERVICES—SUMMARY, BY STATES: 1948

DIVISION AND STATE	Establishments	Receipts, entire year	Payroll, entire year	UNINCORPORATED BUSINESSES		PAID EMPLOYEES, WORKWEEK ENDED NEAREST NOV. 15		PAYROLL, WORKWEEK ENDED NEAREST NOV. 15	
				Active proprietors, November	Unpaid family workers, November	Total	Full work-week	Total	Full work-week
United States.....	Number 351,985	\$1,000 4,440,189	\$1,000 1,582,532	Number 360,568	Number 77,317	Number 851,024	Number 765,494	Dollars 31,357,304	Dollars 29,929,799
New England.....	26,171	288,013	99,158	25,839	4,095	53,307	47,070	1,910,442	1,808,129
Maine.....	1,925	16,838	5,494	1,880	297	3,208	2,533	102,306	90,554
New Hampshire.....	1,393	12,763	3,982	1,417	245	2,381	2,073	76,261	71,880
Vermont.....	817	6,643	1,978	800	104	1,240	1,092	37,753	35,575
Massachusetts.....	13,858	157,295	55,393	13,588	2,118	30,187	26,710	1,074,178	1,017,902
Rhode Island.....	2,623	26,916	9,081	2,599	478	4,609	4,120	171,115	162,879
Connecticut.....	5,555	67,558	23,230	5,555	853	11,682	10,242	448,829	423,339
Middle Atlantic.....	95,607	1,145,053	383,265	98,011	19,447	190,734	170,809	7,625,679	7,266,312
New York.....	51,485	662,940	228,060	52,827	9,822	107,324	96,328	4,542,103	4,332,508
New Jersey.....	15,283	184,983	63,039	15,460	3,653	30,982	27,523	1,244,169	1,180,044
Pennsylvania.....	28,839	297,130	92,266	29,724	5,972	52,428	46,958	1,839,407	1,753,760
East North Central.....	71,015	982,265	345,575	73,066	15,237	170,382	151,411	6,830,527	6,505,633
Ohio.....	18,605	242,442	84,006	18,807	3,932	43,315	38,609	1,678,237	1,578,874
Indiana.....	8,452	110,461	35,159	8,481	1,653	20,794	18,587	706,235	731,140
Illinois.....	23,624	354,661	127,440	24,225	5,412	58,896	52,642	2,515,046	2,400,615
Michigan.....	13,777	191,790	68,219	14,341	2,990	32,699	28,779	1,358,457	1,284,437
Wisconsin.....	6,557	82,911	27,751	6,552	1,250	14,675	12,734	539,552	510,567
West North Central.....	30,847	334,300	111,014	31,856	6,079	63,314	56,293	2,217,207	2,106,869
Minnesota.....	5,790	68,703	23,926	5,903	955	12,187	10,859	454,096	461,059
Iowa.....	5,673	57,400	17,159	5,950	1,032	9,552	8,412	341,975	325,752
Missouri.....	9,809	115,899	41,353	10,030	1,965	23,892	21,405	811,645	770,270
North Dakota.....	1,080	9,478	2,479	1,129	192	1,696	1,457	54,973	51,286
South Dakota.....	1,138	10,837	3,275	1,140	250	1,832	1,670	54,364	60,043
Nebraska.....	2,925	30,119	9,407	3,060	545	5,645	5,018	187,357	173,410
Kansas.....	4,432	41,804	13,385	4,644	1,110	8,438	7,572	271,897	259,444
South Atlantic.....	37,101	519,944	205,080	36,837	8,055	130,066	119,067	4,049,935	3,896,172
Delaware.....	799	8,990	2,960	788	91	1,722	1,592	57,848	55,203
Maryland.....	5,269	67,250	25,328	5,295	193	14,194	12,883	491,611	470,888
District of Columbia.....	2,489	52,243	22,468	2,442	526	11,061	10,087	434,076	416,989
Virginia.....	5,054	75,563	30,022	4,968	887	19,245	17,399	581,177	566,541
West Virginia.....	3,008	37,390	13,595	2,954	604	8,073	7,366	270,607	259,105
North Carolina.....	6,051	54,136	34,197	6,120	1,323	24,075	22,219	694,013	670,088
South Carolina.....	2,844	37,040	14,425	2,779	715	11,025	10,070	286,212	274,876
Georgia.....	5,500	72,584	29,221	5,458	1,318	20,805	19,100	588,952	567,720
Florida.....	6,087	84,748	32,864	6,043	1,578	19,806	18,351	635,439	614,057
East South Central.....	16,289	212,857	81,624	16,783	4,168	56,875	52,209	1,619,721	1,562,598
Kentucky.....	4,243	57,191	20,241	4,556	917	12,592	11,424	400,266	384,059
Tennessee.....	4,869	74,020	29,145	5,029	1,206	19,517	18,218	577,722	562,497
Alabama.....	4,244	51,699	20,906	4,211	1,118	15,637	14,372	417,272	401,712
Mississippi.....	2,933	29,947	11,332	2,987	927	9,129	8,195	224,461	214,243
West South Central.....	29,820	331,485	123,172	30,627	9,383	80,734	73,728	2,484,680	2,396,286
Arkansas.....	3,182	31,121	11,010	3,256	854	7,913	7,338	222,061	216,034
Louisiana.....	4,159	46,551	17,950	4,190	1,113	12,492	11,608	358,425	345,044
Oklahoma.....	5,390	50,703	17,674	5,703	1,700	11,236	10,235	356,781	343,045
Texas.....	17,089	203,110	76,538	17,478	5,716	49,093	44,547	1,546,513	1,481,807
Mountain.....	9,689	125,406	45,408	10,183	2,569	25,026	22,531	896,282	855,206
Montana.....	1,134	12,891	4,204	1,234	173	2,354	2,072	83,338	78,631
Idaho.....	974	11,943	4,096	1,028	255	2,223	2,004	79,695	76,210
Wyoming.....	560	7,184	2,442	611	154	1,410	1,270	49,710	47,542
Colorado.....	2,947	37,385	13,833	3,086	763	7,689	6,944	268,959	256,898
New Mexico.....	1,104	13,356	4,931	1,154	375	3,070	2,842	98,378	95,284
Arizona.....	1,301	19,064	7,659	1,339	425	4,002	3,612	151,624	144,774
Utah.....	1,289	16,758	5,774	1,328	320	3,128	2,693	114,418	106,728
Nevada.....	380	6,225	2,469	403	104	1,150	1,094	50,160	48,959
Pacific.....	35,446	500,866	188,136	37,426	8,284	80,646	72,276	3,722,831	3,542,684
Washington.....	4,964	67,021	25,864	5,140	1,033	10,891	9,656	497,586	470,938
Oregon.....	3,178	44,811	16,347	3,432	621	7,441	6,738	330,912	316,156
California.....	27,304	389,034	145,925	28,854	6,630	62,314	55,882	2,894,333	2,755,590

Source: Department of Commerce, Bureau of Census; U. S. Census of Business: 1948, Vol. VII.

No. 1069.—BUSINESS SERVICES—SUMMARY, BY STATES: 1948

[Corresponds with Standard Industrial Classification "Miscellaneous Business Services," except that Census data do not include the classification "Accounting, Auditing, and Bookkeeping Services"]

DIVISION AND STATE	Estab- lish- ments	Re- ceipts, entire year	Payroll, entire year	UNINCORPORATED BUSINESSES		PAID EMPLOYEES, WORK WEEK ENDED NEAREST NOV. 15		PAYROLL, WORK- WEEK ENDED NEAREST NOV. 15	
				Active proprie- tors, Novem- ber	Unpaid family workers, Novem- ber	Total	Full work- week	Total	Full work- week
	Number 32, 007	\$1,000 1, 629, 513	\$1,000 701, 226	Number 27, 918	Number 5, 366	Number 242, 982	Number 209, 091	Dollars 13, 572, 326	Dollars 12, 938, 059
United States.....									
New England.....	2, 084	69, 272	25, 959	1, 737	310	10, 529	8, 646	492, 440	459, 847
Maine.....	94	1, 453	437	77	18	261	207	9, 379	8, 631
New Hampshire.....	81	1, 287	347	74	20	165	138	6, 958	6, 562
Vermont.....	49	342	99	48	11	49	39	1, 894	1, 778
Massachusetts.....	1, 134	45, 529	17, 556	910	158	6, 908	5, 744	328, 602	307, 366
Rhode Island.....	206	6, 408	2, 237	164	30	944	763	42, 641	39, 801
Connecticut.....	520	14, 253	5, 283	464	73	2, 202	1, 755	102, 966	95, 709
Middle Atlantic.....	9, 597	662, 268	310, 530	8, 227	1, 137	96, 983	86, 490	5, 930, 988	5, 723, 529
New York.....	6, 752	544, 086	262, 041	5, 647	673	77, 772	69, 709	4, 984, 137	4, 818, 179
New Jersey.....	996	33, 555	13, 170	907	189	5, 182	4, 630	262, 320	251, 546
Pennsylvania.....	1, 849	84, 627	35, 319	1, 673	275	14, 029	12, 151	684, 531	653, 804
East North Central.....	6, 552	391, 163	175, 363	5, 592	1, 109	58, 725	49, 761	3, 404, 978	3, 225, 606
Ohio.....	1, 692	77, 114	32, 707	1, 443	280	11, 656	9, 646	625, 715	582, 208
Indiana.....	641	19, 025	6, 899	538	137	2, 932	2, 468	131, 490	124, 535
Illinois.....	2, 472	187, 812	89, 044	2, 080	365	26, 853	23, 245	1, 725, 060	1, 653, 219
Michigan.....	1, 117	81, 920	37, 764	1, 025	215	13, 499	11, 369	741, 491	696, 817
Wisconsin.....	660	25, 291	8, 949	506	112	3, 785	3, 033	181, 222	168, 827
West North Central.....	2, 439	90, 742	33, 748	2, 225	434	14, 310	11, 148	662, 103	613, 281
Minnesota.....	550	20, 866	8, 230	495	86	3, 460	2, 537	163, 118	149, 275
Iowa.....	420	11, 853	3, 787	397	81	1, 910	1, 540	74, 441	69, 632
Missouri.....	888	41, 201	16, 547	782	124	6, 237	4, 978	318, 089	296, 580
North Dakota.....	56	786	277	51	5	139	117	5, 651	5, 223
South Dakota.....	70	1, 073	326	69	20	204	146	6, 973	6, 279
Nebraska.....	200	8, 563	2, 688	178	51	1, 429	1, 096	55, 811	51, 176
Kansas.....	255	6, 370	1, 893	253	67	931	734	38, 020	35, 116
South Atlantic.....	2, 752	93, 704	35, 095	2, 325	525	14, 589	12, 393	690, 969	654, 168
Delaware.....	54	1, 838	723	49	18	257	231	12, 924	12, 554
Maryland.....	417	20, 272	6, 978	385	55	2, 544	2, 180	136, 288	129, 280
District of Columbia.....	296	14, 071	5, 859	261	41	2, 489	1, 942	114, 772	105, 855
Virginia.....	310	9, 475	3, 512	230	59	1, 562	1, 370	71, 628	68, 480
West Virginia.....	180	4, 886	1, 639	143	44	721	644	30, 948	29, 828
North Carolina.....	274	7, 018	2, 400	208	47	1, 097	916	47, 444	45, 201
South Carolina.....	112	2, 910	1, 038	84	17	505	440	19, 711	18, 297
Georgia.....	427	15, 970	7, 041	349	69	2, 786	2, 372	137, 511	131, 119
Florida.....	682	17, 264	5, 905	616	175	2, 628	2, 298	119, 743	113, 554
East South Central.....	905	65, 945	22, 049	733	159	5, 239	4, 688	229, 110	218, 448
Kentucky.....	222	7, 593	2, 538	207	35	1, 071	962	50, 080	47, 966
Tennessee.....	351	14, 466	5, 701	260	67	2, 345	2, 109	104, 141	100, 162
Alabama.....	213	7, 413	2, 852	177	37	1, 386	1, 231	56, 913	52, 994
Mississippi.....	119	2, 964	958	89	20	437	386	17, 976	17, 326
West South Central.....	1, 908	65, 945	22, 374	1, 733	482	10, 088	8, 742	449, 785	425, 198
Arkansas.....	126	2, 842	930	105	27	482	427	18, 425	17, 656
Louisiana.....	265	11, 665	4, 757	231	43	2, 281	1, 919	98, 222	91, 509
Oklahoma.....	273	9, 089	2, 733	251	86	1, 271	1, 067	52, 880	49, 637
Texas.....	1, 244	42, 349	13, 945	1, 146	326	6, 054	5, 329	280, 258	266, 396
Mountain.....	941	23, 216	7, 474	870	239	3, 771	2, 830	152, 915	142, 111
Montana.....	75	1, 375	393	70	24	184	160	7, 677	7, 324
Idaho.....	90	2, 360	688	77	25	317	247	13, 590	13, 028
Wyoming.....	37	676	247	34	10	106	93	4, 348	4, 155
Colorado.....	338	8, 653	3, 085	322	68	1, 761	1, 178	63, 357	57, 774
New Mexico.....	102	1, 766	492	93	36	238	214	10, 373	9, 841
Arizona.....	139	3, 670	986	130	48	467	394	21, 980	20, 909
Utah.....	121	3, 697	1, 281	107	20	592	454	25, 525	23, 445
Nevada.....	39	1, 019	302	37	8	106	90	6, 065	5, 685
Pacific.....	4, 829	200, 767	78, 634	4, 476	971	28, 748	24, 393	1, 559, 038	1, 475, 871
Washington.....	563	17, 889	7, 660	475	89	2, 870	2, 341	149, 200	138, 006
Oregon.....	322	13, 598	5, 359	290	66	2, 005	1, 787	105, 994	101, 433
California.....	3, 944	169, 280	65, 615	3, 711	816	23, 873	20, 265	1, 303, 844	1, 236, 432

HOTELS

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No. 1070.—HOTELS—SUMMARY BY STATES: 1948

[See headnote, table 1066]

DIVISION AND STATES	Hotels	Guest rooms	Active proprietors, ¹ No- number	Payroll, entire year ²	RECEIPTS, ENTIRE YEAR				PAID EMPLOYEES AND PAYROLL, WORKWEEK ENDED NEAREST NOV. 15	
					Total	Room rentals and sales of meals ³	Sales of alco- holic drinks	Other sources	Em- ployees	Payroll
United States	Number 29,650	Number 1,549,823	Number 26,411	\$1,000 660,004	\$1,000 2,172,756	\$1,000 1,762,905	\$1,000 248,441	\$1,000 161,410	Number 398,293	\$1,000 12,449
Year-round ho- tels	24,448	1,343,081	21,116	614,538	1,981,626	1,592,164	237,393	152,069	389,025	12,127
Seasonal hotels	5,202	206,742	5,295	45,466	191,130	170,741	11,048	9,341	9,268	322
New England	2,192	94,233	1,810	42,572	143,273	111,034	24,981	7,258	22,705	690
Maine	462	17,699	411	4,796	17,975	13,944	3,059	972	2,517	65
New Hampshire	490	18,446	459	3,962	15,096	13,266	1,158	672	1,377	35
Vermont	221	6,670	173	2,304	8,318	6,623	1,267	428	1,308	35
Massachusetts	665	35,302	454	22,004	70,503	53,433	13,469	3,601	12,457	393
Rhode Island	96	4,822	76	2,660	8,481	6,167	2,029	255	1,352	46
Connecticut	288	14,294	237	6,846	22,900	17,601	3,999	1,300	3,694	116
Middle Atlantic	5,053	342,628	4,615	194,325	610,165	488,771	87,745	33,649	99,049	3,443
New York	2,664	220,637	2,324	134,701	409,571	330,831	55,470	23,270	64,373	2,389
New Jersey	1,170	60,322	1,112	24,322	83,655	69,614	10,538	3,503	11,842	390
Pennsylvania	1,224	61,669	1,179	35,302	116,939	88,326	21,737	6,876	22,834	663
East North Central	4,545	286,264	3,949	131,221	418,125	327,413	56,735	33,977	79,349	2,555
Ohio	766	52,889	553	29,902	92,320	72,235	13,499	6,586	19,337	591
Indiana	522	26,796	439	10,539	35,606	28,790	4,289	2,527	7,678	208
Illinois	1,259	117,284	1,003	57,548	171,403	138,535	17,467	15,398	31,664	1,125
Michigan	1,136	58,929	1,129	20,627	73,946	54,839	12,587	6,520	13,237	412
Wisconsin	862	30,366	825	12,305	44,850	33,011	8,893	2,946	7,433	219
W. North Central	3,393	145,270	3,115	49,716	170,446	142,678	14,960	12,808	36,172	1,063
Minnesota	818	33,479	832	12,090	40,690	32,889	4,838	2,965	7,409	236
Iowa	442	21,082	398	6,991	23,782	21,053	1,010	1,719	5,673	133
Missouri	818	45,621	703	18,434	59,321	48,421	6,404	4,495	12,812	380
North Dakota	219	7,648	226	1,867	8,308	6,387	1,122	859	1,644	38
South Dakota	194	6,535	168	1,439	5,841	5,093	270	478	1,150	31
Nebraska	347	14,848	328	4,985	17,634	15,396	1,210	1,229	4,038	99
Kansas	465	16,657	460	3,920	14,610	13,440	106	1,064	3,475	81
South Atlantic	3,697	187,590	3,094	75,285	268,231	231,321	17,099	19,811	52,721	1,451
Delaware	71	1,981	72	1,380	4,638	2,784	972	882	753	25
Maryland	262	11,159	231	5,668	19,358	14,775	3,042	1,541	4,026	103
Dist. of Columbia	100	16,699	63	13,405	40,931	32,287	5,027	3,617	7,884	268
Virginia	447	19,839	353	9,619	32,091	28,575	777	2,739	7,178	175
West Virginia	255	11,453	197	4,622	14,630	13,275	234	1,121	3,347	104
North Carolina	405	18,605	319	5,837	21,987	20,612	206	1,109	4,937	110
South Carolina	196	7,577	155	2,629	9,676	9,053	182	441	2,351	47
Georgia	346	17,873	270	6,570	25,109	21,182	1,485	2,442	6,282	129
Florida	1,615	81,899	1,434	25,495	99,311	88,778	5,114	5,919	15,463	490
East South Central	1,035	47,838	863	18,879	67,471	58,512	2,864	6,095	17,348	368
Kentucky	308	13,811	281	5,480	19,186	16,097	1,525	1,564	4,421	105
Tennessee	323	16,427	263	6,683	23,623	20,919	285	2,419	6,422	131
Alabama	214	9,386	173	3,606	13,255	11,494	737	1,064	3,519	71
Mississippi	190	8,714	146	3,110	11,377	10,012	317	1,048	2,986	62
W. South Central	2,705	110,826	2,231	37,456	132,472	111,953	4,481	18,038	31,250	750
Arkansas	319	12,094	309	3,632	13,229	11,549	195	1,585	3,427	74
Louisiana	287	12,452	221	6,478	22,953	17,813	2,908	2,232	5,494	123
Oklahoma	607	23,308	530	5,412	17,751	16,002	122	1,627	4,442	109
Texas	1,492	62,972	1,171	21,934	78,439	60,559	1,256	10,594	17,887	444
Mountain	2,322	85,233	2,252	30,841	105,604	78,564	12,684	14,356	17,147	612
Montana	398	13,673	430	3,266	12,498	9,426	2,257	315	2,118	69
Idaho	220	7,490	203	3,279	9,309	7,209	821	1,279	1,727	60
Wyoming	208	7,928	202	2,158	8,039	6,183	1,367	489	932	31
Colorado	652	25,325	669	6,690	24,316	20,238	2,452	1,626	4,341	133
New Mexico	237	7,216	226	2,058	7,882	6,372	922	588	1,560	42
Arizona	266	9,479	213	4,362	14,606	11,968	1,638	1,000	2,455	89
Utah	188	7,591	173	2,599	8,470	7,375	221	874	1,682	48
Nevada	153	6,391	136	6,399	20,484	9,793	3,006	7,685	2,293	139
Pacific	4,793	249,941	4,482	79,709	256,969	212,659	26,892	17,418	42,552	1,579
Washington	781	42,243	712	10,618	32,207	20,134	888	2,185	6,048	212
Oregon	468	23,389	502	6,212	19,881	17,893	476	1,512	3,664	125
California	3,544	184,309	3,268	62,879	204,881	166,632	25,528	13,721	32,840	1,242

¹ Active proprietors of unincorporated businesses.² Includes paid executives of corporations but not proprietors of unincorporated businesses.³ \$,998 hotels with total receipts of \$1,634,401,000 reported rentals and sales of meals separately as follows: rentals, \$720,113,000; meals, \$554,992,000.

Source: Department of Commerce, Bureau of the Census; U. S. Census of Business: 1948, Vol. VI.

No. 1071.—ADVERTISING—ESTIMATED EXPENDITURES, BY MEDIUM: 1948 TO 1951

MEDIUM	1948		1949		1950 ¹		1951 ¹	
	Amount (millions)	Percent of total	Amount (millions)	Percent of total	Amount (millions)	Percent of total	Amount (millions)	Percent of total
Total	\$4,863.6	100.0	\$5,202.2	100.0	\$5,691.3	100.0	\$6,548.2	100.0
National.....	2,776.1	57.1	2,973.8	57.2	3,235.5	56.9	3,761.2	57.4
Local.....	2,087.5	42.9	2,228.4	42.8	2,455.8	43.1	2,787.0	42.6
Newspapers.....	1,749.6	36.0	1,905.0	36.6	2,063.2	36.3	2,226.0	34.0
National.....	393.7	8.1	465.0	8.9	521.0	9.2	514.2	7.9
Local.....	1,355.9	27.9	1,440.0	27.7	1,542.2	27.1	1,711.8	26.1
Radio.....	617.1	12.7	633.8	12.2	667.1	11.7	690.0	10.5
National.....	387.2	8.0	389.2	7.5	390.6	6.9	396.9	6.0
Local.....	229.9	4.7	244.6	4.7	276.5	4.8	293.1	4.5
Magazines.....	512.7	10.5	492.5	9.5	514.9	9.0	562.3	8.6
Weeklies.....	257.5	5.3	245.4	4.7	261.1	4.6	294.2	4.5
Women's.....	133.4	2.7	128.6	2.5	129.4	2.3	142.3	2.2
General.....	86.5	1.8	83.6	1.6	87.5	1.5	87.8	1.3
Farm.....	35.3	.7	34.9	.7	36.9	.6	38.0	.6
Farm papers.....	20.4	.4	20.5	.4	21.2	.4	24.2	.4
Direct mail.....	689.1	14.2	755.6	14.5	803.2	14.1	920.5	14.0
Business papers.....	250.9	5.2	248.1	4.8	251.1	4.4	292.8	4.5
Outdoor.....	132.1	2.7	131.0	2.5	142.5	2.5	149.6	2.3
National.....	89.2	1.8	88.4	1.7	96.2	1.7	101.0	1.6
Local.....	42.9	.9	42.6	.8	46.3	.8	48.6	.7
Television.....	-----	-----	63.0	1.2	185.0	3.3	484.4	7.4
National.....	-----	-----	50.3	1.0	131.1	2.3	360.4	5.5
Local.....	-----	-----	12.7	.2	53.9	1.0	124.0	1.9
Miscellaneous.....	891.7	18.3	952.7	18.3	1,043.1	18.3	1,198.4	18.3
National.....	453.3	9.3	484.7	9.3	527.4	9.3	613.1	9.4
Local.....	438.4	9.0	468.0	9.0	515.7	9.0	585.3	8.9

¹ Preliminary.Source: Compiled by McCann-Erickson, Inc., for Printers' Ink Publications, New York, N. Y. Published in *Printers' Ink*.

No. 1072.—ADVERTISING—INDEXES OF NATIONAL ADVERTISING EXPENDITURES, BY MEDIA TYPE: 1935 TO 1951

[Base: 1935-1939=100. Base for all indexes is the average monthly expenditure during 1935-1939 for those media which give national coverage]

TYPE	1935	1940	1945	1946	1947	1948	1949	1950	1951 ¹
Printers' Ink general index.....	83	118	198	230	268	290	299	337	405
Total magazines.....	81	119	217	271	315	327	314	330	361
Weekly.....	73	147	263	329	396	415	396	421	479
Women's.....	96	90	183	232	247	248	236	238	266
General.....	79	109	189	238	273	277	267	282	285
Farm.....	64	123	211	233	304	367	363	384	398
Radio.....	69	144	280	299	296	309	292	284	271
Newspapers.....	95	102	132	155	210	246	284	318	312
Outdoor.....	78	112	168	202	264	299	296	322	338
Business papers.....	82	122	326	340	374	394	389	392	458
Tide general index.....	88	112	192	212	247	271	280	305	317
Newspapers.....	97	96	123	142	182	201	235	262	261
Magazines.....	98	114	215	267	309	320	308	322	348
Network radio.....	87	144	287	290	285	298	281	275	261
Spot radio.....	100	173	340	386	417	516	471	508	584
Outdoor.....	93	103	132	157	199	233	234	257	263
Farm.....	86	100	183	200	257	322	307	317	320
Business papers.....	82	120	283	323	339	363	338	338	433

¹ Preliminary.

Source: Printers' Ink Publications, New York, N. Y.; Tide Publishing Co., New York, N. Y.

No. 1073.—ADVERTISING—EXPENDITURES FOR NATIONAL ADVERTISING IN NEWSPAPERS, BY TYPE OF PRODUCT: 1949, 1950, AND 1951

[In thousands of dollars. Data are compiled on basis of actual space measurements of bulk of "national" advertising carried by weekday and Sunday newspapers]

TYPE OF PRODUCT	1949 ¹	1950 ²	1951 ³	TYPE OF PRODUCT	1949 ¹	1950 ²	1951 ³
Total	445,015	499,019	513,486	Industrial	10,507	8,480	9,809
Groceries.....	112,465	123,354	127,481	Hotels and resorts.....	8,599	9,946	10,588
Automotive.....	85,856	98,094	97,038	Public utilities.....	7,553	8,341	10,126
Alcoholic beverages.....	42,375	45,473	51,046	Wearing apparel.....	6,372	6,240	5,840
Toilet requisites.....	30,549	34,904	35,606	Agriculture.....	5,931	6,819	6,909
Transportation.....	20,048	21,587	22,716	Insurance.....	3,726	4,152	4,970
Tobacco.....	19,970	19,935	15,938	Confections.....	3,350	3,105	2,866
Household equipment and supplies.....	19,028	20,001	24,572	Sporting goods.....	1,822	1,997	1,846
Medical.....	19,213	24,588	24,748	Jewelry and silverware.....	1,288	1,190	1,424
Publications.....	15,984	17,470	17,124	Amusements.....	1,070	1,339	1,404
Radio and television.....	12,756	22,760	22,549	Professional and service.....	878	1,272	1,788
				Miscellaneous.....	367	736	717
					14,408	17,242	16,321

¹ Totals are projections to 100 percent; newspapers actually measured account for 89.1 percent of total weekday circulation and 94.6 percent of total Sunday circulation.

² Totals are projections to 100 percent; newspapers actually measured account for 89.2 percent of total weekday circulation and 95.6 percent of total Sunday circulation.

³ Totals are projections to 100 percent; newspapers actually measured account for 88.9 percent of total weekday circulation and 92.3 percent of total Sunday circulation.

Source: Compiled by Media Records, Inc., for Bureau of Advertising of American Newspaper Publishers Association; published in *Advertising Age*.

No. 1074.—ADVERTISING—NEWSPAPER ADVERTISING LINAGE FOR 52 CITIES: 1928 TO 1951

[In thousands of lines. Data represent newspaper linage in all newspapers, daily and Sunday, in the following 52 cities: Akron, Albany, Albuquerque, Atlanta, Baltimore, Birmingham, Boston, Buffalo, Chicago, Cincinnati, Cleveland, Columbus, Dallas, Dayton, Denver, Detroit, El Paso, Fort Worth, Hartford, Houston, Indianapolis, Jacksonville, Knoxville, Los Angeles, Memphis, Milwaukee, Minneapolis, Nashville, New Orleans, Oakland, Oklahoma City, Omaha, Pittsburgh, Portland, Reading, Richmond, Rochester, Salt Lake City, San Antonio, San Diego, San Francisco, Seattle, South Bend, Spokane, St. Louis, Syracuse, Tacoma, Toledo, Tulsa, Washington, Worcester, and Youngstown. List of cities is unchanged throughout the period covered by the data. General advertising is the advertising of specific products on general sale, as distinguished from the advertising of retail stores, and automotive or financial advertising]

YEAR	Total	Classified	DISPLAY				
			Total	Auto-motive	Financial	General	Retail
Monthly average:							
1928.....	150,207	28,820	121,387	11,860	5,500	24,148	79,878
1929.....	153,101	28,787	129,314	12,539	6,181	28,239	82,354
1930.....	137,854	24,913	112,941	8,932	4,938	25,254	73,817
1931.....	122,072	22,106	99,966	6,718	3,415	21,818	68,015
1932.....	97,064	18,363	78,701	5,316	1,973	16,819	54,592
1933.....	88,793	16,439	72,354	5,220	1,682	15,670	49,782
1934.....	98,240	17,110	81,130	6,109	1,694	17,615	55,812
1935.....	103,912	19,081	84,831	6,077	1,776	18,081	58,896
1936.....	115,010	22,123	92,887	6,069	2,085	20,950	63,774
1937.....	117,472	23,618	93,854	5,650	1,873	20,596	65,734
1938.....	102,097	21,251	80,846	3,938	1,598	15,996	59,315
1939.....	103,629	21,060	82,569	4,390	1,692	15,988	60,498
1940.....	105,719	21,901	83,818	5,167	1,619	15,719	61,313
1941.....	109,436	22,714	86,722	4,704	1,707	16,171	64,141
1942.....	103,473	21,443	82,030	2,235	1,469	16,388	61,938
1943.....	116,368	27,920	88,448	2,696	1,430	20,619	63,653
1944.....	113,437	25,741	87,696	2,623	1,530	20,910	62,632
1945.....	115,969	26,680	89,289	2,888	1,841	20,504	64,056
1946.....	144,143	35,305	108,838	3,509	2,198	22,190	80,940
1947.....	167,378	39,467	127,911	5,723	2,035	26,217	93,937
1948.....	188,621	43,537	145,083	6,895	2,149	28,220	107,819
1949.....	191,831	40,335	151,495	8,790	2,112	29,565	111,028
1950.....	203,346	42,553	160,793	10,049	2,356	32,464	115,924
1951.....	206,539	48,501	158,037	9,166	2,514	30,555	115,802

Source: Compiled by Media Records, Inc. and published currently in Department of Commerce, Office of Business Economics, *Survey of Current Business*.

No. 1075.—ADVERTISING—COST OF MAGAZINE ADVERTISING: 1948 TO 1951

[In thousands of dollars. Data represent advertising revenue of national general magazines, farm magazines, and magazine sections of newspapers. 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." Figures for certain publications not shown separately by product classes, are also accounted for in "All other." Figures from year to year may not be strictly comparable, as publications are added or deleted]

TYPE OF PRODUCT	1948	1949	1950	1951
Cost, total	458, 677	440, 795	458, 451	511, 174
Apparel, footwear and accessories.....	47, 629	41, 718	39, 038	44, 466
Automotive, automotive accessories and equipment.....	38, 189	40, 906	41, 069	41, 142
Beer, wine and liquor.....	27, 120	26, 847	26, 581	31, 278
Building materials, equipment and fixtures.....	19, 106	17, 817	20, 064	24, 801
Drugs and remedies.....	11, 341	11, 591	12, 774	14, 315
Food and food products.....	49, 543	50, 860	53, 591	57, 624
Household equipment and supplies.....	34, 243	27, 913	34, 326	34, 720
Household furnishings.....	24, 945	23, 475	24, 820	28, 417
Industrial materials.....	21, 602	20, 904	24, 490	33, 024
Smoking materials.....	12, 021	14, 309	12, 997	13, 621
Toiletries and toilet goods.....	39, 007	37, 402	37, 541	40, 018
Transportation, hotels and resorts, industrial and agricultural development.....	14, 267	14, 663	15, 627	18, 014
All other.....	119, 664	112, 390	114, 634	120, 733

Source: Publishers' Information Bureau, Inc., New York, N. Y.

No. 1076.—ADVERTISING—GROSS TIME COST FOR RADIO ADVERTISING, 1948 TO 1951, AND FOR TELEVISION ADVERTISING, 1949 TO 1951

In thousands of dollars. Gross time charges computed at the one-time rate, before application of size and frequency discounts. Net time charges, after application of such discounts, are approximately 29 percent less for radio and 21 percent less for television. No allowance included for talent, production, and wire charges]

TYPE OF PRODUCT	RADIO				TELEVISION		
	1948	1949	1950	1951	1949	1950 ¹	1951
Cost of facilities, total	198, 996	187, 800	183, 519	174, 719	12, 295	40, 779	127, 990
Apparel, footwear and accessories.....	(²)	(²)	(²)	(²)	304	901	3, 141
Automotive, automotive accessories and equipment.....	7, 697	6, 719	5, 009	4, 293	1, 546	5, 325	11, 051
Beer, wine and liquor.....	1, 117	1, 345	2, 775	3, 178	326	1, 704	5, 756
Confectionery and soft drinks.....	7, 655	6, 253	6, 148	6, 264	188	1, 839	3, 411
Drugs and remedies.....	22, 566	21, 055	24, 433	22, 132	(²)	(²)	(²)
Food and food products.....	47, 208	45, 312	44, 861	42, 486	1, 296	6, 602	25, 840
Gasoline, lubricants and other fuel.....	5, 969	5, 641	5, 509	5, 722	720	1, 516	2, 925
Household equipment and supplies.....	8, 629	6, 118	3, 086	3, 160	457	2, 653	8, 528
Household furnishings.....	(²)	(²)	(²)	(²)	820	2, 090	3, 556
Insurance.....	4, 239	3, 738	2, 853	3, 284	(²)	(²)	(²)
Radios, TV sets, phonographs, musical instruments and accessories.....	(²)	(²)	(²)	(²)	2, 392	3, 421	4, 661
Smoking materials.....	20, 323	23, 667	22, 489	20, 610	2, 397	6, 250	17, 993
Soaps, cleansers and polishes.....	20, 768	19, 335	20, 700	17, 949	107	863	11, 038
Toiletries and toilet goods.....	32, 145	29, 370	25, 783	25, 787	1, 026	4, 183	16, 455
All other.....	20, 679	19, 247	19, 873	19, 854	714	3, 431	13, 635

¹ Excluding Du Mont.

² Included in "All other."

Source: Publishers' Information Bureau, Inc., New York, N. Y.

34. Comparative International Statistics

(Sent to print June 18, 1952)

This section, appearing for the first time in the *Statistical Abstract*, is necessarily preliminary both in content and form. Its purpose is to enable the user to compare the United States currently in a number of significant respects with other leading countries of the world.

Sources of data.—The statistics of the various individual nations may be found primarily in the 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 customary national units of measurement. 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, the annual *Statistical Yearbook*, the annual *Demographic Yearbook*, and the *Monthly Bulletin of Statistics* may be most helpful for both general and special users. The Statistical Office of the United Nations also publishes a *Yearbook of International Trade Statistics* and the *National Income Statistics of Various Countries*. For international agricultural statistics, the outstanding source is the *Yearbook of Food and Agricultural Statistics* which is published by the Food and Agricultural Organization of the United Nations.

The information shown in this section was obtained almost entirely from the *Statistical Yearbook, 1951*, a United Nations publication, prepared by the Statistical Office of the United Nations. 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* (see table of conversion factors, p. 922).

Countries and items shown.—Problems of space and availability (or nonavailability) of data are restrictive factors in this presentation of statistics for the various nations.

In particular, the space problem made it necessary to limit the number of countries for which statistics are shown on a somewhat arbitrary basis. The list of countries finally included, with the major exception of Japan, comprises all those who are members of the United Nations or are members of the larger agencies affiliated with the U. N. (see table 1085). In a few instances, such member countries were omitted because of an almost complete lack of data. Data for the United Soviet Socialist Republics have been included for those few items for which they were available. For the most part, however, official data for the U. S. S. R. have not been released since the prewar period.

It was further decided to show the statistics for a standardized list of countries, rather than attempt to vary 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 subject items shown, in which one or more of the countries omitted from the list are more important, statistically, than some of the countries included. However, cases of this kind are not believed to be numerous.

A high degree of selection also was necessary with respect to subject items included. The items shown here are believed to be among those more significant in reflecting the general industrial structure and the social level of a country.

Certain subject materials of basic import, such as those on national income, were 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 were available for a large number of countries were favored over items for which information was scanty in order to broaden the scope of comparison as much as possible.

Quality and comparability of the data.—The quality and the comparability of the data presented here are affected by a number of factors which should be kept in mind:

(1) The data shown are for the latest year available for each country; the latest year, however, may vary from item to item for a particular country and within items for different countries. All such variations have been noted (see table headnotes) and should be taken into account. In most instances, the data shown are for calendar years. In a number of instances, however, the 12-month totals shown do not correspond with the calendar year. Problems of space unfortunately made it impracticable to present the data for a series of years.

(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 from item to item within a particular country and within items for different countries. Footnotes and headnotes to the tables give some measure of the qualifications and differences attached to the figures. Again, the compelling limits of space made necessary some condensation and editing of the more detailed notes appearing in the source. The user is, therefore, cautioned to proceed with care in analysis and comparison, since, at best, many of the measures shown are 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 (continental United States only, or including certain territories 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.

Because of the many difficult problems inherent in bringing together summary statistics in this fashion, those readers who are interested in detailed comparisons should consult the publications of the United Nations mentioned above.

CONVERSION FACTORS

Metric units	U. S. equivalents
1 sq. km.....	0.386101 sq. mile
1 metric ton (1,000 kg.).....	1.102311 short tons
1 passenger-km.....	0.621370 passenger-mile
1 ton-km.....	0.684943 short ton-mile

No. 1077.—POPULATION, AREA, AND VITAL STATISTICS

[For many countries, 1950 figures are provisional. Basis and level of reliability of population estimates range from use of a continuous population register (Scandinavian countries, United Kingdom) and census enumerations for a recent date (most countries) to "counting procedures not comparable with a census" (China, Lebanon, Syria) and "conjectural estimates derived by other means than counting" (Ethiopia, Afghanistan). For some countries figures are for censuses taken at various dates during year (Costa Rica, Dominican Republic, Ecuador, El Salvador, Haiti, Honduras, Mexico, Nicaragua, Panama, Paraguay, Poland, Portugal, Turkey). Data, in general, refer to present-in-area population of the present territory. Area figures include inland waters. 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. **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. **Expectation of life:** Average future lifetime (in years) of persons at birth, if subject to mortality conditions of period indicated. See text, p. 921, 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 1949; b, 1948; c, 1947; d, 1946; e, 1945; f, 1944; g, 1943; h, 1942; i, 1941; j, 1940; k, 1939]

COUNTRY	Year	Popula- tion, midyear esti- mates	Area	Popu- lation per sq. mi.	Crude birth rate	Crude death rate	Infant mortal- ity rate	EXPECTATION OF LIFE AT BIRTH		
								Period	Male	Fe- male
		<i>Thou- sands</i>	<i>Sq. miles</i>						<i>Years</i>	<i>Years</i>
United States.....	1948	146,621			24.1	9.9	32.0	1919-21	55.50	57.40
	1949	149,149			23.9	9.7	31.3	1920-31	57.71	60.99
	1950	151,689	3,022,275	50	23.4	9.6	29.2	1939-41	61.60	65.89
Afghanistan.....	1950	12,000	250,966	48						
Albania.....	1950	1,200	11,100	108 ^h	32.8 ^h	14.2 ^h				
Argentina.....	1950	17,196	1,084,362	16 ^a	24.9 ^a	9.1 ^d	79.0			
Australia.....	1950	8,186	2,974,471	3 ^a	23.3 ^a	9.6 ^a	24.5	1946-48	66.07	70.63
Austria.....	1950	6,906	32,375	213 ^a	15.8 ^a	12.7 ^a	64.0	1930-33	54.5	58.5
Belgium.....	1950	8,639	11,779	733	16.5	12.4	50.2	1928-32	56.02	59.79
Bolivia.....	1949	3,990	412,778	10	29.0	11.3	127.2			
Brazil.....	1950	52,124	3,288,050	16				1920	2 37.43	
Bulgaria.....	1950	7,235	42,796	169 ^c	24.0 ^c	13.4 ^c	129.5	1925-28	45.92	46.64
Burma.....	1950	18,489	261,600	71 ^k	32.4 ^k	23.0 ^k	203.8			
Canada.....	1950	13,845	3,843,045	4	426.6	49.0	440.7	1947	465.18	469.05
Ceylon.....	1950	7,550	25,331	208	40.3	12.6	81.8			
Chile.....	1950	5,809	286,397	20	32.4	15.7	153.2	1940	37.9	39.8
China.....	1950	463,500	3,759,191	123 ^g	56 40.7 ^g	56 19.0 ^g	125.2	1936-40	41.08	45.78
Colombia.....	1950	11,260	439,520	26 ^a	35.3 ^a	14.0 ^a	134.1			
Costa Rica.....	1950	801	19,695	41	46.5	12.2	90.2			
Cuba.....	1950	5,348	44,218	121 ^a	28.3 ^a	7.5				
Czechoslovakia.....	1949	12,463	49,354	253	22.1	11.7	82.3	1929-32	51.92	55.18
Denmark.....	1950	4,271	16,576	258	18.6	9.2	30.7	1941-45	65.62	67.70
Dominican Republic.....	1950	2,121	19,129	111	37.4	10.0	87.7			
Ecuador.....	1950	3,077	106,178	29			115.2			
Egypt.....	1950	20,439	386,101	53 ^b	42.6 ^b	20.3 ^b	138.6	1936-38	35.65	41.48
El Salvador.....	1950	1,859	13,176	141	48.7	14.8	81.0			
Ethiopia.....	1950	15,000	409,267	37						
Finland.....	1950	4,064	130,120	31	24.0	10.2	43.7	1941-45	64.62	61.14
France.....	1950	41,934	212,736	197	20.4	12.6	47.4	1946-48	62.5	68.0
Germany, Federal Republic ¹²	1950	47,607	94,739	503	16.2	10.4	55.4	1946-47	57.72	63.44
Greece.....	1950	7,960	51,182	156 ^a	26.1 ^a	10.7 ^j	100.7	1926-30	49.09	50.89
Guatemala.....	1950	2,803	42,042	67	48.7	21.5	113.4	1939-41	35.97	37.09
Haiti.....	1950	3,112	10,714	290						
Honduras.....	1950	1,534	59,161	26 ^a	41.3 ^a	14.7 ^a	89.1			
Hungary.....	1950	9,313	35,912	259 ^b	19.1 ^b	11.2 ^b	99.6	1941	54.92	58.22
Iceland.....	1950	143	39,768	4	28.2	7.9	22.0	1931-40	60.9	65.6
India.....	1950	358,000 ¹⁴	2,221,027 ¹⁴	293 ^a	26.7 ^a	16.0 ^a	122.8	1921-31	26.91	26.56
Indonesia.....	1950	73,500	575,894	128 ^j	28.5 ^j	20.3 ^b	128.8			
Iran.....	1950	18,772	629,345	30						
Iraq.....	1950	5,100	168,040	30						
Ireland.....	1950	3,006	27,136	111	21.0	12.6	45.3	1940-42	59.01	61.02
Israel.....	1950	1,257	8,108	155	32.9	6.5	64.0			
Italy.....	1950	46,272	116,228	398	19.6	9.8	62.9	1930-32	53.76	56.00
Japan.....	1950	82,900	142,313	583	28.4	11.0	59.8	1949-50	56.19	59.61
Korea.....	1950	29,500	85,239	346 ^f	31.8 ^f	21.2 ^f	115.6	1938	47.20	50.59
Lebanon.....	1950	1,257	3,629	346	23.0	7.7				
Liberia.....	1949	1,648	43,000	38						
Luxembourg.....	1950	297	998	298	14.8	11.6	45.7	1946-48	61.69	65.75

See footnotes at end of table.

No. 1077.—POPULATION, AREA, AND VITAL STATISTICS—Continued

[See text, p. 921, 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 1949; b, 1948; c, 1947; d, 1946; e, 1945; f, 1944; g, 1943; h, 1942; i, 1941; j, 1940; k, 1939]

COUNTRY	Year	Popula- tion, midyear esti- mates	Area	Popu- lation per sq. mi.	Crude birth rate	Crude death rate	Infant mortal- ity rate	EXPECTATION OF LIFE AT BIRTH		
								Period	Male	Fe- male
		<i>Thou- sands</i>	<i>Sq. miles</i>						<i>Years</i>	<i>Years</i>
Mexico.....	1950	25,368	760,375	33	45.7	16.4	97.1	1940	37.92	39.79
Netherlands.....	1950	10,114	21,12,505	809	22.7	7.5	25.2	1947-49	²² 69.4	²² 71.5
New Zealand.....	1950	1,920	103,412	19	²³ 24.6	²³ 9.3	²³ 22.7	1934-38	²³ 65.46	²³ 68.45
Nicaragua.....	1950	1,063	57,143	18	41.4	10.9	a 32.1	-----	-----	-----
Norway.....	1950	3,265	125,182	26	19.3	8.9	a 27.7	1922-31	60.98	63.84
Pakistan.....	1950	75,040	365,894	205	b ²⁴ 18.0	b ²⁴ 12.3	-----	-----	-----	-----
Panama.....	1950	801	28,575	28	a ²⁵ 33.0	a ²⁵ 7.1	a ²⁵ 50.1	1941-43	²⁵ 50.54	²⁵ 53.46
Paraguay.....	1950	1,406	157,047	9	b 23.6	b 7.2	b 75.8	-----	-----	-----
Peru.....	1950	8,405	482,259	17	²⁶ 30.3	²⁶ 11.7	²⁶ 93.7	-----	-----	-----
Philippines.....	1950	19,557	115,600	169	-----	j 16.6	101.7	-----	-----	-----
Poland.....	1950	24,977	120,359	208	-----	-----	-----	1931-32	48.2	51.4
Portugal.....	1950	8,450	35,414	240	24.2	12.1	84.1	1939-42	48.58	52.82
Romania.....	1950	16,094	91,654	176	e 19.6	e 20.0	c 198.8	-----	-----	-----
Spain.....	1950	28,287	194,232	146	19.9	10.8	69.4	1930-31	48.74	51.94
Sweden.....	1950	7,017	173,423	40	16.4	10.0	20.5	1941-45	67.06	69.71
Switzerland.....	1950	4,694	15,944	294	18.1	10.1	31.1	1939-44	62.68	66.96
Syria.....	1950	²⁷ 3,228	72,201	45	a 24.2	a 8.5	-----	-----	-----	-----
Thailand.....	1950	18,813	198,271	92	a 27.1	a 10.6	a 68.2	1937-38	²⁸ 66.73	²⁸ 43.30
Turkey.....	1950	20,935	296,185	71	-----	-----	-----	-----	-----	-----
Union of South Africa.....	1950	12,320	472,476	26	¹⁸ 25.7	¹⁸ 9.1	¹⁸ 36.2	1945-47	¹⁸ 63.78	¹⁸ 68.31
U. S. S. R.....	1950	²⁹ 193,000	8,598,701	22	-----	-----	-----	1926-27	³⁰ 41.93	³⁰ 46.79
United Kingdom.....	1950	50,616	94,208	537	16.1	11.7	31.4	1948	³¹ 66.39	³¹ 71.15
Uruguay.....	1949	2,353	72,172	33	f 20.7	b 8.3	f 65.7	-----	-----	-----
Venezuela.....	1950	³² 4,924	352,148	14	³² 43.1	³² 11.0	a ³² 90.7	-----	-----	-----
Yugoslavia.....	1950	16,250	99,182	164	30.2	13.1	116.5	-----	-----	-----

¹ Excluding full-blooded aborigines.

² Data refer to Federal District and 13 cities.

³ Registration area only, representing 82.5 percent of total population of 1931 Census.

⁴ Excluding Yukon, Northwest Territories and Newfoundland.

⁵ Taiwan (Formosa).

⁶ Excluding tribal aborigines.

⁷ Excludes the Faeroe Islands.

⁸ Inhabited and cultivated area: 14,661 sq. mile; population per sq. mile 1,393.

⁹ Data relate to Finnish nationals in Finland.

¹⁰ Excluding war losses.

¹¹ Excluding infants dying within 3 days after birth without being registered as live births.

¹² The former British, French, and U. S. Zones of Occupation, except the Saar. Figures for expectation of life represent former British and U. S. Zones only.

¹³ Department of Guatemala only.

¹⁴ Data include Hyderabad (area 82,310 sq. mile; population 18.7 millions at 1951 Census) and Kashmir-Jammu (area 82,255 sq. mile; population estimated at 4.4 millions at March 1, 1950), although the political status of those areas is not yet determined.

¹⁵ Registration area.

¹⁶ Pre-partition India, including Burma.

¹⁷ Indonesian population of Java and Madura only.

¹⁸ Europeans only.

¹⁹ Jewish population only.

²⁰ Territory of Japan proper as of date; Japanese nationals only.

²¹ Excluding inland water.

²² Excludes Elten and Tüddern.

²³ Excluding Maoris.

²⁴ Registration area only; represents about 90 percent of total population.

²⁵ Excluding tribal Indians.

²⁶ Excluding jungle population.

²⁷ Excluding nomads.

²⁸ Bangkok municipal area.

²⁹ Estimate issued in 1946; refers to 1939 territory.

³⁰ In Europe, 1939 territory.

³¹ England and Wales. Data relate to civilian population.

³² Excluding tribal Indians estimated at 100,600 in 1941.

Source: Statistical Office of the United Nations; *Demographic Yearbook, 1951*, and revisions.

No. 1078.—MANUFACTURING, IMPORTS, EXPORTS, GOLD HOLDINGS, AND EXCHANGE RATES

[See text, p. 921, 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 1949; b, 1948; c, 1947; d, 1946; e, 1945; f, 1944; g, 1943; h, 1942; i, 1941]

COUNTRY	Year	MANUFACTURING ¹		Imports ⁴	Exports ⁴	Gold hold-ings ⁵	EXCHANGE RATES	
		Establish-ments ²	Persons employed, total ³				Unit	Average ⁶
		Number	Thou-sands	Million dollars	Million dollars	Million dollars		
United States.....	1948	c 240,881	c 7 14,204	s 7,195	s 12,665	24,398	Dollar.....	
	1949		7 13,567	s 6,696	s 12,074	24,563	do.....	
	1950			s 8,964	s 10,285	22,819	do.....	
Afghanistan.....	1949			58	50			
Argentina.....	1950	d 86,440	d 10 868	c 1,342	c 1,613	216	Peso.....	29.78—7.58
Australia.....	1950	11 41,130	11 904	s 1,354	1,482	87	Pound.....	224.0
Austria.....	1950			12 332	305	5	Schilling.....	6.944—3.846
Belgium.....	1950			13 1,936	13 1,648	587	Franc.....	2.000
Bolivia.....	1950	b 1,144	b 16	14 42	15 90	23	Boliviano.....	1.650—1.000
Brazil.....	1950	b 18 11,180	b 18 540	1,098	1,347	317	Cruzeiro.....	5.405
Bulgaria.....	1947			14 74	14 86		Lev.....	3490
Burma.....	1950	c 17 473	c 10 17 46	91	139			
Canada.....	1950	a 35,792	a 1,172	s 2,926	2,910	580	Dollar.....	90.91
Ceylon.....	1950			245	328			
Chile.....	1950	b 18 4,259	b 18 169	248	284	40	Peso.....	5.163—1.667
China.....	1948			19 140	10,104	97	Yuan.....	5,000—833
Colombia.....	1950	e 20 7,853	e 20 135	336	394	74	Peso.....	51.28—32.24
Costa Rica.....	1950			8 46	35	2	Colon.....	17.81—11.39
Cuba.....	1950			515	642	271	Peso.....	(21)
Czechoslovakia.....	1950	c 18,193	c 1,098	a 788	a 806	e 35	Koruna.....	2.000
Denmark.....	1950	a 22 7,507	a 22 279	853	665	32	Krone.....	14.48
Dominican Republic.....	1950	3,412	48	s 42	84	4	Peso.....	(21)
Ecuador.....	1950			43	61	19	Sucre.....	7.407—5.447
Egypt.....	1950	e 129,231	e 458	23 564	23 504	53	Pound.....	287.2
El Salvador.....	1950			a 39	a 54	23	Colon.....	40.00
Ethiopia.....	1950				29			
Finland.....	1950	a 5,604	a 291	388	354	12	Markka.....	435
France.....	1950			24 3,066	24 3,066	523	Franc.....	2860
Germany, Federal Republic.....	1950	25 47,135	25 4,797	2,697	1,977		D. mark.....	23.81
Greece.....	1949		210	428	90	4	Drachma.....	0200—0067
Guatemala.....	1950	d 29 757	d 28 22	71	68	27	Quetzal.....	(21)
Haiti.....	1950			36	40			
Honduras.....	1950			s 34	21	0.11	Lempira.....	(21)
Hungary.....	1950	c 4,342	c 350	b 168	b 165	a 41	Forint.....	8.519
Iceland.....	1950			38	31		Krona.....	6.14
India.....	1950	a 28 6,257	a 28 1,692	20 1,188	20 1,264	247	Rupee.....	21.00
Indonesia.....	1950			404	742	208	Gulden.....	13.23—8.75
Iran.....	1950			216	818	139	Rial.....	3.101—2.500
Iraq.....	1950			105	30 61		Dinar.....	280.0
Ireland.....	1950	a 3,272	a 126	447	204	17	Pound.....	280.0
Israel.....	1950			287	31 35		do.....	280.0
Italy.....	1950			1,442	1,199	256	Lira.....	1,600
Japan.....	1950	a 32 106,854	a 32 3,305	33 973	820		Yen.....	2778
Korea, South.....	1949	c 34 3,246	c 34 201	139	14			
Lebanon.....	1950			(35)	(35)	a 13	Pound.....	45.63—20.07
Liberia.....	1950			8	27			
Luxembourg.....	1950	d 241	a 29	(35)	(35)		Franc.....	2.000
Mexico.....	1950	f 37 50,894	f 37 559	s 500	466	207	Peso.....	11.56
Netherlands.....	1950	23 10,000	23 856	2,055	1,413	311	Gulden.....	26.32
New Zealand.....	1950	35 7,887	35 138	443	512	29	Pound.....	280.0
Nicaragua.....	1950			s 25	27	3	Cordoba.....	20.00
Norway.....	1950	b 20 18,143	b 20 40 37	679	390	50	Krone.....	14.00
Pakistan.....	1950			20 415	20 592	27	Rupee.....	30.22
Panama.....	1950			s 41 61	41 13		Balboa.....	(21)
Paraguay.....	1950			s 25	54		Guarani.....	32.36—11.29
Peru.....	1950	c 42 2,742	c 42 125	14 187	14 194	31	Sol.....	6.734—6.481
Philippines.....	1950			s 356	331	3	Peso.....	(21)
Poland.....	1950	c 48 28,996	c 48 1,443	b 516	b 533	a 46	Zloty.....	1.000—250
Portugal.....	1950	a 15,617	a 103	274	186	192	Escudo.....	3.478
Romania.....	1950	c 44 3,854	c 44 338	h 14 243	h 14 285	c 216	Leu.....	6667
Spain.....	1950			392	389	61	Peseta.....	9.132—2.538
Sweden.....	1950	a 26 16,320	a 26 774	1,182	1,103	90	Krona.....	19.32
Switzerland.....	1950			1,052	907	1,470	Franc.....	23.12

See footnotes at end of table.

No. 1078.—MANUFACTURING, IMPORTS, EXPORTS, GOLD HOLDINGS, AND EXCHANGE RATES—Continued

[See text, p. 921, 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 1949; b, 1948; c, 1947; d, 1946; e, 1945; f, 1944; g, 1943; h, 1942; i, 1941]

COUNTRY	Year	MANUFACTURING ¹		Imports ⁴	Exports ⁴	Gold hold-ings ⁵	EXCHANGE RATES	
		Establish-ments ²	Persons employed, total ³				Unit	Average ⁶
		Number	Thous-ands	Million dollars	Million dollars	Million dollars		
Syria-----	1950			45 37	45 17		Pound-----	b ⁴⁰ 45.63-28.15
Thailand-----	1950			c 112	c 98	118	Baht-----	8,000-4,478
Turkey-----	1950	i 47 931	a 40 47 9	286	263	150	Pound-----	35.71
Union of South Africa-----	1950	a 48 12,429	a 48 550	859	695	197	do-----	280.0
United Kingdom-----	1950	b 49 54,847	b 40 6, 587	7, 305	6, 331	30 3, 300	do-----	280.0
Uruguay-----	1950		e 51 77	201	254	236	Peso-----	65.83-40.82
Venezuela-----	1950			e 52 537	e 2 1, 239	373	Bolivar-----	32.26-20.83
Yugoslavia-----	1950	b 53 1, 042	b 53 328	236	159		Dinar-----	2.000

¹ Manufacturing relates to production (including repair work) in factories, and excludes mining, building and construction, and public utilities (gas, electricity and water supply).

² In general, single plants or factories.

³ Includes wage earners and salaried employees and represents average number engaged on production (excluding sales and distribution staff). Salaried employees include working proprietors and directing, managing, clerical, and technical staff.

⁴ Figures expressed in United States dollars of gold content fixed on Jan. 31, 1934, and refer to merchandise, including silver, in all forms, excluding gold and issued paper currency. Imports are generally valued c. i. f.; exports, f. o. b. Postal and governmental trade are generally included; war reparations and restitutions are generally excluded. Figures for United States are for "general trade." For other countries, figures shown are not distinguished here as to "general trade" or "special trade." Roughly half the countries fall into each category; see source publication for distinction as to categories. Comparability between countries is undoubtedly affected by this distinction.

⁵ Refers to gross holdings of gold of central banks, treasuries, exchange stabilization funds, and other official institutions as of end of period indicated. Gold used in payment of subscriptions to International Monetary Fund or International Bank for Reconstruction and Development are not included. Gold holdings reported at 35 dollars per fine troy ounce. U. S. data refer to holdings of treasury, and gold in active portion of stabilization fund.

⁶ In U. S. cents per unit of foreign exchange. Represents domestic par values or basic official rates for single rate countries, and range of significant rates for countries employing multiple rates. For fluctuating or market rates, data represent annual averages. For administratively determined or non-fluctuating rates, data represent, for any given period during which a change occurred, the rate in effect for major portion of that period. The exchange rates shown are not necessarily those used to convert trade figures to U. S. dollars.

⁷ Includes distribution and construction employees on payrolls of manufacturing establishments.

⁸ Imports valued f. o. b.

⁹ United States customs area including Alaska, Hawaii, Puerto Rico.

¹⁰ Wage earners.

¹¹ Establishments employing 4 or more persons or using mechanical power.

¹² Excluding E. R. P.

¹³ Including Luxembourg.

¹⁴ Including gold.

¹⁵ Minerals only.

¹⁶ Establishments in 22 State capitals having annual sales of not less than 100,000 cruzeiros.

¹⁷ Factories employing 20 or more wage earners.

¹⁸ Establishments having a capital of 100,000 pesos or more or production exceeding 250,000 pesos.

¹⁹ Including Formosa and part of Manchuria. January-July only. Excluding silver.

²⁰ Establishments employing 6 or more wage earners and with products valued at 6,000 pesos or more.

²¹ Currency maintained at par with United States dollar.

²² Establishments employing 6 or more wage earners. Excluding dairies and bacon factories but including their preserving and canning plants. Persons employed exclude home workers and working proprietors.

²³ Excluding trade with Anglo-Egyptian Sudan.

²⁴ Including Saar.

²⁵ Establishments employing 10 or more persons. Includes mining.

²⁶ Establishments employing 5 or more persons.

²⁷ Currency maintained at 2 units per United States dollar.

²⁸ Reporting establishments employing 20 or more wage earners and using power. Persons employed includes distribution staff of salaried workers.

²⁹ Excluding land trade.

³⁰ Excluding pipe-line exports of crude petroleum.

³¹ Excluding petroleum.

³² Establishments employing 5 or more wage earners.

³³ Including relief and army surplus.

³⁴ Includes public utilities.

³⁵ Included with Syria.

³⁶ Included with Belgium.

³⁷ Includes mining.

³⁸ Establishments employing 2 or more persons or using mechanical power.

³⁹ Establishments under Royal Office of Industrial Accident Insurance.

⁴⁰ Salaried employees.

⁴¹ Excluding Panama Canal Zone and national exports to the zone.

⁴² Registered establishments.

⁴³ Establishments employing 5 or more wage earners.

⁴⁴ Includes mining.

⁴⁵ Establishments employing more than 10 wage earners or having an installed capacity of more than 20 hp.

⁴⁶ Includes Lebanon. Jan. 1-March 15.

⁴⁷ Quotations for Syria and Lebanon.

⁴⁸ State-aided enterprises. Includes mining.

⁴⁹ Establishments employing 3 or more persons, using any form of mechanical power or using boilers for producing steam.

⁵⁰ Excluding Northern Ireland. Establishments employing 10 or more persons.

⁵¹ Includes United States and Canadian dollar holdings of the Exchange Equalization Account.

⁵² Excluding electrical products, precision instruments and miscellaneous industries.

⁵³ Excluding parcel post and air trade.

⁵⁴ Establishments employing 20 or more wage earners or having an installed capacity of 20 hp or more.

Source: Statistical Office of the United Nations' *Statistical Yearbook, 1951*, and revisions.

No. 1079.—FARM CROPS, MEAT, AND NET FOOD SUPPLY

[Crop production data pertain to harvests 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 calendar year. See text, p. 921, 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 1949; b, 1948; c, 1947]

COUNTRY	PRODUCTION OF FARM CROPS AND MEAT (thousands of short tons)								NET FOOD SUPPLY PER PERSON ¹	
	Year	Wheat	Rye	Rice	Corn	Potatoes	Sugar ¹	Meat ²	Year	Calories per day
United States.....	1948	39,407	741	1,914	103,089	13,640	1,787	10,723	-----	-----
	1949	34,894	524	2,037	94,623	12,347	2,185	10,856	1948-49	8,140
	1950	30,803	644	1,898	87,668	13,185	2,573	-----	1949-50	8,170
Afghanistan.....	1948	1,874	-----	367	-----	-----	-----	-----	-----	-----
Albania.....	1949	c 60	c 3	-----	c 154	4	-----	-----	-----	-----
Argentina.....	1950	6,614	a 305	154	4,409	1,653	676	a ⁴ 51,408	1948-49	2,730
Australia.....	1950	5,504	b 12	82	168	a 530	a 918	a 1,178	1949-50	3,216
Austria.....	1950	423	428	-----	132	2,809	98	a 130	1949-50	2,616
Belgium.....	1950	603	262	-----	a 1	2,545	491	a 287	1949-50	⁰ 2,890
Bolivia.....	1949	31	b 20	b 207	b 7	448	c 2	-----	-----	-----
Brazil.....	1950	a 483	a 17	3,301	a 6,792	827	a 1,819	b ⁵ 1,285	1948-49	2,340
Bulgaria.....	1950	c 1,005	c 105	22	b 981	c 68	50	c ⁶ 28	-----	-----
Burma.....	1950	b 4	-----	c 4,497	c 32	-----	a 22	-----	1947-48	1,990
Canada.....	1950	13,851	374	-----	388	2,911	146	a 973	1949-50	3,140
Ceylon.....	1949	-----	-----	358	b 7	-----	-----	19	1949-50	1,800
Chile.....	1950	1,081	b 7	83	a 71	397	-----	a 223	1948-49	2,350
China.....	1949	22,708	-----	749,053	7 1,165	7 1,918	⁸ 331	-----	1947-48	7 2,120
Colombia.....	1950	a 148	-----	266	a 814	485	a 161	-----	1948-49	2,280
Costa Rica.....	1950	-----	-----	22	a 24	b 14	a 24	-----	-----	-----
Cuba.....	1950	-----	-----	72	a 306	b 78	6,348	a ⁹ 93	1948-49	2,730
Czechoslovakia.....	1950	1,753	1,378	-----	a 255	8,245	970	a 319	1948-49	2,690
Denmark.....	1950	328	365	-----	2,039	408	a ⁹ 431	-----	1949-50	3,180
Dominican Republic.....	1950	-----	-----	a 52	a 72	a 2	586	a 23	-----	-----
Ecuador.....	1950	a 35	a 6	149	a 91	52	a 51	-----	-----	-----
Egypt.....	1950	1,122	-----	1,368	a 1,440	a 187	a ¹⁰ 151	-----	1948-49	2,480
El Salvador.....	1949	-----	-----	25	b 281	3	26	-----	-----	-----
Ethiopia.....	1949	110	-----	-----	165	3	-----	-----	-----	-----
Finland.....	1950	321	280	-----	-----	1,334	a 25	a 118	1949-50	3,100
France.....	1950	8,489	668	a 25	445	15,907	1,580	a 1,990	1949-50	2,680
Germany, Federal Republic.....	1950	2,881	3,503	-----	a 23	30,820	a 676	a 1,209	1949-50	2,690
Greece.....	1950	937	53	a 23	215	384	a 65	65	1949-50	2,490
Guatemala.....	1949	c 9	-----	c 7	389	c 7	b 76	-----	-----	-----
Haiti.....	1950	-----	-----	a 34	a 112	-----	64	-----	-----	-----
Honduras.....	1949	2	-----	b 13	b 226	4	6	58	-----	-----
Hungary.....	1950	b 1,745	b 866	b 41	b 3,155	b ¹¹ 2,334	281	b 10	1948-49	3,230
Iceland.....	1949	-----	-----	-----	-----	9	-----	-----	-----	-----
India.....	1950	7,044	-----	a 38,260	a 2,573	a ¹² 1,651	a ¹² 1,318	c 814	1948-49	1,620
Indonesia.....	1950	-----	-----	a 7,228	a 2,611	-----	306	a 255	-----	-----
Iran.....	1950	2,370	-----	a 529	a 8	a 39	a 33	-----	-----	-----
Iraq.....	1950	661	-----	a 254	b 23	-----	-----	-----	-----	-----
Ireland.....	1950	367	a 4	-----	-----	3,219	108	a 154	1949-50	3,450
Israel.....	1950	30	-----	a 11	a 29	-----	-----	-----	-----	-----
Italy.....	1950	8,391	143	761	2,121	2,624	700	a 560	1949-50	2,370
Japan.....	1950	1,475	a 8	13,233	a 78	2,692	a 81	a 85	1949-50	2,100
Korea, South.....	1950	a 122	a 33	3,235	a 18	209	-----	b 23	-----	-----
Lebanon.....	1949	55	-----	1	14	44	-----	-----	-----	-----
Liberia.....	1949	-----	-----	191	-----	-----	-----	-----	-----	-----
Luxembourg.....	1950	a 32	a 14	-----	-----	161	-----	a 17	-----	(¹³)
Mexico.....	1950	606	-----	254	2,756	149	734	c 224	-----	-----
Netherlands.....	1950	325	464	-----	a 13	4,467	450	a 280	1949-50	2,970
New Zealand.....	1950	a 141	b 1	-----	a 10	121	a 509	a 509	1949-50	3,310
Nicaragua.....	1949	-----	-----	22	71	b 2	22	b 20	-----	-----
Norway.....	1950	a 74	a 2	-----	-----	1,230	a 95	-----	1949-50	3,140

See footnotes at end of table.

No. 1079.—FARM CROPS, MEAT, AND NET FOOD SUPPLY—Continued

[See text, p. 921, 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 1949; b, 1948; c, 1947]

COUNTRY	PRODUCTION OF FARM CROPS AND MEAT (thousands of short tons)								NET FOOD SUPPLY PER PERSON ³	
	Year	Wheat	Rye	Rice	Corn	Potatoes	Sugar ¹	Meat ²	Year	Calories per day
Pakistan.....	1950	4, 489	-----	14, 220	412	(¹⁴)	a ¹⁵ 743	b 291	1948-49	2, 030
Panama.....	1950	-----	-----	94	b 51	a 2	a 13	-----	-----	-----
Paraguay.....	1950	a 1	-----	a 19	127	b 1	a 18	c 165	-----	-----
Peru.....	1950	a 142	-----	165	b 685	1, 443	a 518	b 64	-----	-----
Philippines.....	1950	-----	-----	2, 926	628	-----	a ¹⁶ 677	a ⁵ 115	-----	-----
Poland.....	1950	2, 194	6, 482	-----	-----	34, 172	1, 047	-----	1948-49	2, 620
Portugal.....	1950	615	230	149	493	1, 070	a ¹⁷ 9	a ⁵ 89	-----	-----
Romania.....	1950	b 2, 886	c 73	-----	c 5, 819	1, 350	121	-----	-----	-----
Spain.....	1950	3, 902	584	331	661	3, 086	203	a ¹⁸ 121	-----	-----
Sweden.....	1950	806	270	-----	-----	1, 911	344	a ¹⁹ 302	1949-50	3, 200
Switzerland.....	1950	251	a 33	-----	a 8	1, 246	a 26	a 182	1949-50	3, 190
Syria.....	1950	980	-----	b 22	b 33	17	-----	-----	-----	-----
Thailand.....	1950	-----	-----	6, 634	a 19	-----	a 54	a ⁵ 101	-----	-----
Turkey.....	1950	4, 268	488	66	692	667	169	a ⁵ 86	1949-50	2, 690
Union of South Africa.....	1950	621	b 17	-----	2, 584	298	a 645	a ¹⁰ 446	1949-50	2, 500
United Kingdom.....	1950	2, 019	64	-----	-----	10, 649	843	a 1, 016	1949-50	3, 080
Uruguay.....	1950	421	-----	50	132	a 35	a 4	a 423	1948-49	2, 580
Venezuela.....	1950	a 12	-----	a 28	a 350	a 30	a 44	a ⁵ 89	-----	-----
Yugoslavia.....	1950	2, 014	241	a 3	2, 298	a 2, 271	68	-----	-----	-----

¹ Beet and cane. Figures expressed generally in terms of raw sugar. Most of series relate to a crop year beginning September of year shown.

² In terms of carcass weight; refers to beef and veal (including buffalo meat), pork, mutton, lamb (including, where possible, goat meat). Excludes lard, tallow, and edible offal. Figures relate to commercial and farm slaughter.

³ Represents net supply of foodstuffs, other than alcoholic beverages, available at retail level for human consumption within the country.

⁴ Excluding meat from abattoirs in the interior.

⁵ Commercial slaughter only.

⁶ Includes Luxembourg.

⁷ 22 provinces.

⁸ Excluding Formosa and Manchuria.

⁹ Including allowance for export of live animals.

¹⁰ Includes fat.

¹¹ Main crop only.

¹² Includes Pakistan.

¹³ Included with Belgium.

¹⁴ Included with India.

¹⁵ Excludes palm-sugar production estimated at 127,000 tons annually.

¹⁶ Centrifugal sugar only.

¹⁷ Azores and Madeira.

¹⁸ In provincial capitals.

¹⁹ Excluding meat from animals slaughtered in villages.

Source: Statistical Office of the United Nations; *Statistical Yearbook, 1951*; and Food and Agriculture Organization of the United Nations; *Yearbook of Food and Agricultural Statistics, 1950*; and revisions.

No. 1080.—ELECTRIC ENERGY, COAL, PETROLEUM, IRON ORE, STEEL, AND CEMENT

[See text, p. 921, 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 1949; b, 1948; c, 1947; d, 1946; e, 1945; f, 1944; g, 1943; h, 1942; i, 1941; j, 1940]

COUNTRY	Year	ENERGY			PRODUCTION (thousand short tons)				
		Installed capacity of electric energy ¹	Production of electric energy ¹	Consumption of energy expressed in terms of coal ²	Coal ³	Crude petroleum ⁴	Iron ore ⁵ (iron content)	Steel ⁶	Cement ⁷
		<i>Thousand kw</i>	<i>Million kwh</i>	<i>Thousand short tons</i>					
United States.....	1948	69,615	336,809		653,571	305,051	^a 56,098	88,640	38,812
	1949	76,570	345,066	1,193,382	477,476	278,136	^a 47,717	77,977	39,616
	1950	82,851	388,674	1,330,313	552,706	297,751	^a 54,351	96,836	42,490
Argentina.....	1950	^d 1,444	^a 4,430	14,614	29	3,741			1,730
Australia.....	1950	^a 2,286	9,486	28,627	18,513		1,748	1,396	1,207
Austria.....	1950		6,351	11,897	202	1,653	639	1,044	1,421
Belgium.....	1950	2,986	8,481	¹⁰ 34,470	30,097		18	4,150	3,921
Bolivia.....	1950		b 171	354		88			a 46
Brazil.....	1950	a 1,735	^a ¹¹ 2,859	12,569	2,159	42	a 1,415	870	1,442
Bulgaria.....	1950		c 480	2,390	c 132				e 270
Burma.....	1950			388		a 37	i 15		
Canada.....	1950	a 9,104	^a 50,902	¹² 96,077	16,936	4,133	¹³ 1,990	3,384	2,930
Ceylon.....	1950	17	^a 14 81	666					
Chile.....	1950		^a 1,520	4,876	¹⁵ 2,404	88	1,952	62	565
China.....	1950				b ¹⁰ 15,212	c 59		d ¹⁷ 18	c ¹⁷ 826
Colombia.....	1950		^a ¹⁸ 705	3,888	¹⁹ 541	5,275			638
Costa Rica.....	1950			214					
Cuba.....	1950	a 163	^a 758	3,251		3	1		348
Czechoslovakia.....	1950		9,100	41,061	20,344	88	b 474	^a 3,016	a 1,916
Denmark.....	1950	1,070	2,150	9,893				136	962
Dominican Republic.....	1950		^a 79	207					79
Ecuador.....	1950			660		383			64
Egypt.....	1950			3,404		2,583			1,049
El Salvador.....	1949			151					
Ethiopia.....	1949			55					
Finland.....	1950	1,144	4,166	5,249				112	819
France.....	1950	14,460	²¹ 33,070	²² 101,944	²¹ 56,045	141	10,748	²¹ 9,535	²¹ 8,180
Germany, Federal Republic.....	1950	6,901	44,017	138,180	²¹ 122,088	1,233	3,240	13,361	11,990
Greece.....	1950	a 7	a 583	1,933			c 19		b 317
Guatemala.....	1950		71	482					46
Haiti.....	1949			63					
Honduras.....	1949			248					
Hungary.....	1950		d 1,162	10,032	b 1,365	584	101	1,127	c 220
Iceland.....	1950		^a 193	461					471
India.....	1950	^a 2,296	^a 5,103	41,914	36,183	c 340	2,118	1,610	2,927
Indonesia.....	1950		j 364	4,411	881	7,070			b 42
Iran.....	1950				c 207	²³ 35,559			
Iraq.....	1950		^a 28 38	1,024		7,142			
Ireland.....	1950	^a 244	^a 903	3,505	186				471
Israel.....	1950		^a 25 464	1,102					419
Italy.....	1950	7,944	24,681	32,344	1,135	9	251	2,604	²⁶ 5,516
Japan.....	1950	²⁷ 10,543	²⁷ 44,890	69,982	42,396	328	486	5,334	4,919
Korea, South.....	1950		²⁸ 369		²⁹ 646		e ³⁰ 371	e ³⁰ 31	11
Lebanon.....	1950		114	478					290
Liberia.....	1950		12	30					
Luxembourg.....	1950	135	697	(³¹)			1,272	2,702	138
Mexico.....	1950	1,235	4,423	17,146	1,005	11,349	315	367	1,630
Netherlands.....	1950	a 2,260	7,323	21,870	13,500	777		540	654
New Zealand.....	1950	^a 727	^a 3,070	5,002	1,030	a 1	a 2		278
Nicaragua.....	1949			94					b 13
Norway.....	1950	3,033	17,328	15,497	412		³² 298	86	643
Pakistan.....	1950		164	3,068	¹⁶ 489	189			a 475
Panama.....	1950	³³ 20	³³ 85	267					
Paraguay.....	1950		a 26	35					
Peru.....	1950		^a 34 237	1,879	a 157	2,192			317
Philippines.....	1950	^a 166	^a 35 459		175		355		328

See footnotes at end of table.

No. 1080.—ELECTRIC ENERGY, COAL, PETROLEUM, IRON ORE, STEEL, AND CEMENT—Continued

[See text, p. 921, 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 1949; b, 1948; c, 1947; d, 1946; e, 1945; f, 1944; g, 1943; h, 1942; i, 1941; j, 1940]

COUNTRY	Year	ENERGY			PRODUCTION (thousand short tons)				
		Installed capacity of electric energy ¹	Production of electric energy ¹	Consumption of energy expressed in terms of coal ²	Coal ³	Crude petroleum ⁴	Iron ore ⁵ (iron content)	Steel ⁶	Cement ⁷
		Thousand kw	Million kwh	Thousand short tons					
Poland.....	1950	-----	9, 408	57, 540	85, 981	c 141	b ³⁶ 726	³⁷ 2, 772	2, 769
Portugal.....	1950	480	937	2, 463	470	-----	-----	-----	632
Romania.....	1950	-----	2, 100	a 7, 378	180	c 4, 200	196	615	724
Spain.....	1950	2, 136	⁹ 6, 312	17, 873	12, 174	-----	1, 105	901	2, 318
Sweden.....	1950	a 4, 410	18, 136	25, 245	341	-----	9, 242	1, 587	2, 134
Switzerland.....	1950	-----	10, 479	11, 031	-----	-----	30	-----	1, 196
Syria.....	1950	-----	⁹ 81	387	-----	-----	-----	-----	75
Thailand.....	1950	32	⁹ 53	407	-----	-----	-----	-----	182
Turkey.....	1950	-----	790	5, 944	4, 806	19	158	100	437
Union of South Africa.....	1950	f 1, 905	10, 872	³⁹ 28, 262	20, 181	-----	779	899	2, 034
United Kingdom.....	1950	⁹ 40 15, 502	⁹ 40 56, 337	245, 344	41 242, 262	51	4, 201	18, 248	10, 922
Uruguay.....	1950	-----	⁹ 386	1, 612	-----	-----	-----	b 306	306
Venezuela.....	1950	-----	⁹ 520	-----	2	86, 239	-----	-----	552
Yugoslavia.....	1950	⁴² 775	⁴² 2, 402	7, 250	1, 272	123	272	472	1, 344

¹ Includes utilities (publicly and privately owned plants supplying energy to consumers), plus industrial, transport and other plants generating electricity primarily for their own use. Capacity represents nominal power of all generators available for simultaneous operation in hydroelectric and thermoelectric plants.

² Figures are provisional and refer to gross inland consumption of mineral fuels and water power. Computed mainly from data on production, trade and processing of major sources of energy, with allowance for, as far as possible, changes in stocks, and fuels loaded in bunkers of vessels and aircraft in international trade. Production data employed cover coal and lignite; petroleum, shale oil, natural gasoline and, when available, motor alcohol; natural gas; and hydroelectric power. Trade data include foregoing and derivatives: briquettes, coke (including petroleum coke), motor spirit (petrol, gasoline), kerosene, fuel oils, and, when available, benzols; manufactured and bottled gases; and electric power. In calculating consumption, duplication has been eliminated in all cases. Fuel wood and other vegetal fuels and peat omitted for want of adequate data although believed to provide a major share of energy supply in all but a few countries. Minimum amount of energy obtained from such sources estimated, for most countries, as equivalent to about 0.25 ton of coal per capita per annum.

³ Anthracite and bituminous coal (including semi-bituminous). Excludes lignite and brown coal.

⁴ Excludes natural gasoline and shale oil. In many cases figures represent conversions from original data expressed in units of capacity.

⁵ 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.

⁶ Total production of crude steel, both ingots and steel for castings, whether obtained from pig iron or scrap. Excludes wrought (puddled) iron.

⁷ Covers, as far as possible, both natural and artificial (portland, etc.) cements.

⁸ Excluding manganiferous iron ores.

⁹ Public utility plants only.

¹⁰ Including Luxembourg.

¹¹ Consumption in cities of Rio de Janeiro and Sao Paulo.

¹² Including Newfoundland.

¹³ Data included for Newfoundland cover fewer than 12 months.

¹⁴ Plants under Government control only.

¹⁵ Including lignite.

¹⁶ Excluding Formosa and Manchuria.

¹⁷ Excluding Manchuria.

¹⁸ Production by 3 principal enterprises.

¹⁹ Partial production only; coal transported by rail.

²⁰ Including wrought (puddled) iron.

²¹ Excluding Saar.

²² Including Saar.

²³ Production of the Anglo-Iranian Oil Co;

²⁴ Consumption in Baghdad.

²⁵ Sales.

²⁶ About 90 percent of total production.

²⁷ Excluding private plants of less than 500 kw.

²⁸ January-October.

²⁹ January-July.

³⁰ All of Korea, North and South.

³¹ Included with Belgium.

³² Including ferro-titanium.

³³ Cities of Panama and Colon.

³⁴ Consumption in cities of Lima and Callao.

³⁵ Manila only.

³⁶ Crude ore.

³⁷ Ingots and finished castings.

³⁸ Bangkok only.

³⁹ Including Basutoland, Bechuanaland, Swaziland and South-West Africa.

⁴⁰ Great Britain only; including production of railway and transport stations.

⁴¹ Great Britain only. Excluding coal produced at quarries but including open-cast coal.

⁴² Plants with installed capacity of 100 kw. or more.

Source: Statistical Office of the United Nations; *Statistical Yearbook, 1951*, and revisions.

No. 1081.—NET GEOGRAPHICAL PRODUCT BY INDUSTRIAL ORIGIN (PERCENT DISTRIBUTION)

[Net geographical product relates to the product of all industry within a nation's boundaries; it is given in this table at factor cost, and therefore equals the sum of factor incomes (wages, rent, profits, interest) paid by industry. Exceptions are listed in the footnotes. 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, "Agriculture" includes also forestry, hunting and fishing; "Manufacturing and construction" includes mining; "Trade" covers wholesale and retail distribution; "Transport and communications" includes public utilities; "Government" includes administration, defense and public services, but not public enterprises, which are classified under relevant industry; category "All others" comprises finance, insurance, real estate and personal and other nongovernment services. See text, p. 921, for general comments concerning quality of the data]

COUNTRY	Year	PERCENT BY INDUSTRIAL ORIGIN					
		Agriculture	Manufacturing and construction	Trade	Transport and communications	Government	All others
United States ¹	1948	10	37	19	8	9	17
	1949	8	36	20	9	10	17
	1950	7	38	20	8	10	17
Argentina ²	1945	24	27	22	9	9	9
Bulgaria ³	1946	43	24	12	4	8	9
Canada.....	1948	16	39	14	10	8	13
Chile ⁴	1948	18	33	16	7	7	19
Colombia.....	1949	43	20	9	6	6	16
Denmark ⁵	1950	22	36	15	9	7	11
Dominican Republic ⁶	1946	41	20	21	3	8	7
Egypt ⁷	1945	45	11	10	3	6	25
Finland ⁸	1949	29	39	13	6	9	4
France ⁹	1949	16	40	12	9	11	12
Germany, Fed. Republic ⁹	1950	12	55	9	8	8	8
Greece.....	1949	39	25	11	6	10	9
Hungary ¹⁰	1946	26	46	10			18
India ¹¹	1948	48	17	19		5	11
Ireland ¹²	1950	31	25	21		7	16
Israel ⁹ ¹³	1950	10	36	15	6	14	19
Italy.....	1950	30	33	10	8	10	9
Japan.....	1949	29	32	14	8	5	12
Netherlands ⁹ ¹⁴	1948	12	39	13	10	11	15
Norway ⁹ ¹⁵	1950	14	46	12	17	11	
Peru ¹⁶	1949	35	28	17	6	7	7
Poland ¹⁷	1948	24	47	18	10		1
Union of South Africa ¹	1949	14	36	14	9	14	13
United Kingdom ¹⁸	1950	5	46	13	10	10	16

¹ Public enterprises classified under "Government."

² Gross geographical product at market prices. Services of dwelling houses excluded.

³ Includes income from black market transactions, interest on government debt paid within the country and miscellaneous transfer payments. Also some double-counting between items. Land rents included under "All others." Includes Southern Dobruja.

⁴ Excludes part of profits of mining industry.

⁵ Gross geographical product at factor cost. Slaughtering and dairy production included under "Agriculture."

⁶ Forestry classified under "Manufacturing and construction," professions and other service industries are under "Trade."

⁷ Private estimate, which should be regarded as very approximative.

⁸ Banking, insurance, restaurants, hotels, movie theaters classified under "Trade."

⁹ Public utilities classified under "Manufacturing and construction."

¹⁰ National product at market prices, including net income from abroad; excludes most personal and government services. Transportation services to business classified under "Trade" and those to persons under "All others." Figures relate to territory as of March 31, 1947, and cover year beginning July 1.

¹¹ Present area including Indian States.

¹² Part of activities of public authorities and transport concerns included under "Manufacturing and construction."

¹³ Postal services and armament expenditure excluded, but armed forces included.

¹⁴ Rent of farms classified under "All others."

¹⁵ Gross geographical product at market prices. Total deduction for intermediate services rendered by banks and insurance companies included under "All others."

¹⁶ Gross geographical product at market prices. Construction and miscellaneous services classified under "Transport and communications."

¹⁷ Net product at 1937 market prices; excludes most personal and government services.

¹⁸ Gross geographical product at factor cost. Trading profits of British companies engaged in extraction, refining and distribution of oil overseas included under "Trade."

Source: Statistical Office of the United Nations; *Statistical Yearbook, 1951*.

No. 1082.—TRANSPORTATION—SHIPPING, RAILWAY TRAFFIC, CIVIL AVIATION, AND MOTOR VEHICLES

[See text, p. 821, 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 1949; b, 1948; c, 1947; d, 1946]

COUNTRY	Year	SHIPPING				RAILWAY TRAFFIC ⁴		Civil aviation: Miles flown ⁵	Motor vehicles in use ⁶
		Mer- chant shipping fleets ¹	Vessels entered ²	Freight loaded ³	Freight un- loaded ³	Pass- enger miles	Short ton miles		
		<i>Thous- sand gross tons</i>	<i>Thousand net tons</i>	<i>Thousand short tons</i>	<i>Thous- and short tons</i>	<i>Mil- lions</i>	<i>Millions</i>	<i>Thousands</i>	<i>Thou- sands</i>
United States	1948	⁷ 29,165	⁸ 53,944	⁹ 88,312	⁹ 67,416	41,224	641,104	436,270	40,542
	1949	⁷ 27,814	⁸ 59,360	⁹ 71,797	⁹ 77,367	35,133	529,146	459,022	44,120
	1950	⁷ 27,513	⁸ 66,792	⁹ 62,512	⁹ 95,903	31,771	588,522	471,617	48,549
Afghanistan	1948								5
Argentina	1950	914	¹⁰ 9,462	a 6,551	11,852	8,280	¹¹ 11,724	c 6,275	a 534
Australia	1950	538	7,072	6,720	11,307		¹² 6,723	46,707	1,264
Austria	1950					¹³ 2,668	¹³ 3,734		98
Belgium	1950	482	20,849	12,745	13,144	4,377	3,740	¹⁴ 8,507	410
Bolivia	1949					86	186	1,359	¹⁵ 12
Brazil	1950	698		¹⁶ 4,210	¹⁶ 9,886	6,206	¹⁷ 18,520	b 33,058	a 375
Bulgaria	1947					1,568	846		
Burma	1950		1,021	1,142	618	106	¹⁹ 63		a 35
Canada	1950	²⁰ 1,931		²¹ 21,161	²¹ 36,847	²² 2,790	²² 55,255	29,281	²² 2,523
Ceylon	1950		7,982	801	2,137				49
Chile	1950	169		5,608	1,882	987	²³ 1,440	²⁴ 3,117	72
China	1950	816				b 8,202	¹⁹ 3,082	b 23,20	c 14,396
Colombia	1950		¹⁶ 7,516	5,482	1,068	491	¹⁷ 421	²⁷ 19,024	a 50
Costa Rica	1950	a 36	¹⁰ 1,481	²⁸ 331	²⁸ 248				7
Cuba	1950		²⁹ 6,190	7,992	4,548	345	723	c 3,447	105
Czechoslovakia	1949					11,557	¹⁹ 8,904	3,098	b 168
Denmark	1950	1,269	³⁰ 9,633	2,446	13,630	a 2,108	816	³¹ 4,469	179
Dominican Re- public	1950			786	312				8
Ecuador	1950			269	153	79	¹⁹ 77		a 10
Egypt	1950	102		d 3,357	d 5,404	1,538			78
El Salvador	1949	b 10 29	⁸⁴⁴	²⁸ 86	²⁸ 158				6
Finland	1950	503	2,952	6,615	4,432	1,342	2,355	1,291	61
France	1950	3,206	34,280	³² 20,656	34,212	¹⁹ 16,405	¹³ 26,667	³³ 29,861	a 34 2,200
Germany, Fed- eral Republic	1950	460	17,038	10,867	14,822	³⁵ 18,217	¹⁰ 32,930		1,120
Greece	1950	1,349	¹⁰ 5,308	a 220	a 3,204	a 26 227	¹⁹ 36 85		a 25
Guatemala	1948								9
Haiti	1950								4
Honduras	1950	523		a 340	a 273				4
Hungary	1949					3,262	b 10 2,245	b 37 626	c 48
Iceland	1950								11
India	1950	420	7,691	³⁶ 9,309	³⁹ 2,811	40,052	29,265	18,892	³⁸ 275
Indonesia	1950								¹⁵ 60
Iraq	1950	a 40 980				a 322	a 17 451		19
Ireland	1950		7,510		1,582		¹⁹ 41 351	2,952	118
Israel	1950		10 2,397	⁴² 235	1,582		¹⁹ 49		24
Italy	1950	⁴³ 2,580	⁴⁴ 19,968	⁴⁴ 3,898	⁴⁴ 22,313	¹⁸ 12,060	¹³ 6,873		571
Japan	1950	⁴⁵ 1,871	¹⁰ 10,129	⁴⁶ 3,960	⁴⁶ 12,844	² 42,877	¹² 21,038		⁴⁷ 157
Korea, South	1949		¹⁰ 369			1,678	753		16
Lebanon	1950	¹⁰ 40 48	2,561	⁴⁹ 241	⁴⁹ 917	3	30		14
Liberia	1950	a 10 29 48	3,560	56	76				1
Luxembourg	1950					141	¹⁷ 296		14
Mexico	1950	144	1,597	a 3,269	a 750	c 1,777	¹⁰ 5,932	26,053	c 235
Netherlands	1950	3,109	23,804	⁵⁰ 16,553	⁵⁰ 26,309	3,808	¹⁷ 2,066	20,917	222
New Zealand	1950	201	2,464	1,304	3,911		1,150	6,220	321
Nicaragua	1949					b 60	13	540	b 2
Norway	1950	5,456	4,941			⁵¹ 938	¹⁷ 952	4,840	116
Pakistan	1950		3,759			5,471	2,764		a 28
Panama	1950	3,361							⁵² 24
Paraguay	1948								3
Peru	1950	87		1,985	711	150	¹⁰ 268	4,053	a 46
Philippines	1950			⁵³ 338	⁵³ 1,874	⁵⁴ 225	⁵⁴ 104	7,099	¹⁸ 96
Poland	1950	199	¹⁰ 7,250	⁵⁵ 56 13,727	⁵⁵ 3,544	16,375	21,918	1,492	53
Portugal	1950	537	¹⁰ 5,913	⁵⁶ 487	⁵⁶ 1,594	917	890	710	c 74
Romania	1947	33				⁵¹ 3,378	d 2,642		
Spain	1950	1,190	a 4,340	4,471	5,504	⁵¹ 4,424	4,417	3,516	⁵⁷ 174
Sweden	1950	2,048	19,984	⁵⁸ 15,074	⁵⁸ 18,263	4,124	5,918	⁵⁸ 6,761	345

See footnotes at end of table.

No. 1082.—TRANSPORTATION—SHIPPING, RAILWAY TRAFFIC, CIVIL AVIATION, AND MOTOR VEHICLES—Continued

[See text, p. 921, 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 1949; b, 1948; c, 1947; d, 1946]

COUNTRY	Year	SHIPPING				RAILWAY TRAFFIC ⁴		Civil aviation: Miles flown ⁶	Motor vehicles in use ⁸
		Merchant shipping fleets ¹	Vessels entered ²	Freight loaded ³	Freight unloaded ³	Passenger-miles	Short ton miles		
		Thousand gross tons	Thousand net tons	Thousand short tons	Thousand short tons	Millions	Millions	Thousands	Thousands
Switzerland.....	1950					a 4, 015	a 10 1, 273	5, 561	⁹⁹ 188
Syria.....	1948								15
Thailand.....	1950		40 1, 344			932	329	1, 264	15
Turkey.....	1950	388	10 00 4, 289			61 01 1, 350	17 61 1, 732		a 27
Union of South Africa.....	1950	⁶² 586	8, 355	4, 590	7, 701		¹⁷ 63 12, 779	7, 222	⁶⁸ 559
United Kingdom.....	1950	618, 219	57, 501			⁶⁵ 23, 898	⁶⁵ 68 24, 792	48, 229	⁶⁸ 3, 284
Uruguay.....	1949					b 221	¹⁹ 297		b 76
Venezuela.....	1950	157	a 9, 684	81, 637	1, 884			c 6, 527	131
Yugoslavia.....	1950	215		2, 228	1, 263	4, 990	19 6, 800		24

¹ Figures relate to merchant fleets on June 30. They are given in gross registered tons (100 cubic feet or 2.83 cubic meters) and represent total volume of all permanently enclosed spaces of vessels to which figures refer. 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 the following classes of ships, not entered in Lloyd's Register: Ships trading on Caspian Sea; wooden or composite ships trading on Great Lakes of North America.

² In general, represents sum of net registered tonnages of seagoing foreign and domestic merchant vessels (power and sailing) entered with cargo to a foreign port and refer to only 1 entrance for each foreign voyage including foreign commerce on inland waterways, such as Great Lakes. Excludes, if possible, "in ballast," i. e. entering without unloading goods.

³ Represents weight of all goods (including its packing) in external trade loaded to and unloaded from seagoing vessels of all flags at ports of country in question. Excludes mail, bullion, specie, passengers' baggage, bunkers, ships' stores, ballast, floating appliances when delivered as goods without being loaded on other ships, government stores when carried in government vessels or without revenue in merchant vessels, and transshipment (goods transhipped from an importing vessel to an exporting vessel). Includes goods unloaded into or loaded from bonded warehouse.

⁴ 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.

⁵ Covers both domestic and international scheduled services operated by companies registered in each country. Includes supplementary services occasioned by overflow traffic on regularly scheduled trips and preparatory flights for new scheduled services.

⁶ For years in which a census or 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 trams, trolley-buses, special and government service vehicles, motorcycles, trailers, farm and road tractors.

⁷ Includes Great Lakes. ⁸ Includes Alaska, Hawaii, Puerto Rico, Virgin Islands.

⁹ Includes international traffic in Great Lakes. Excludes goods in transit and Department of Defense controlled imports and exports and commodities classified as "special category."

¹⁰ Including vessels in ballast. ¹¹ Including service traffic.

¹² Government railways. ¹³ State railways.

¹⁴ Operations of Sabena in Belgian Congo included.

¹⁵ Government vehicles included.

¹⁶ Excluding goods to and from bonded warehouse.

¹⁷ Excluding livestock.

¹⁸ Including nonrevenue traffic. ¹⁹ Including service traffic.

²⁰ Including vessels trading on Great Lakes (672,786 gross tons).

²¹ Great Lakes traffic included. ²² Including Newfoundland.

²³ Gross. ²⁴ Línea Aérea Nacional only.

²⁵ Nonscheduled operations of Civil Air Transport included.

²⁶ January–August. ²⁷ Nonrevenue traffic and non-scheduled flights included.

²⁸ Total imports and exports. ²⁹ All entrances counted. ³⁰ International ferry traffic excluded. ³¹ Danish share of Scandianavian Airways System included.

³² Including bunkers and ships' stores. ³³ Traffic of Air France only.

³⁴ Small vans included. ³⁵ Excluding occupation traffic.

³⁶ Excluding "Franco-Hellenique" lines.

³⁷ Domestic traffic of Hungarian line and foreign lines on Budapest route; foreign traffic of associated foreign lines.

³⁸ Special service vehicles included.

³⁹ Federal area only. ⁴⁰ Principal port only.

⁴¹ 2 principal railways, including some lines in North Ireland. ⁴² Excluding petroleum.

⁴³ Including Trieste. ⁴⁴ Excluding Trieste.

⁴⁵ Excludes wooden or composite ships with auxiliary power under 300 tons.

⁴⁶ Goods carried by steel vessels. Excluding military goods. ⁴⁷ Small size vehicles excluded.

⁴⁸ Including coastwise traffic. ⁴⁹ Port of Beirut only.

⁵⁰ Including floating appliances when delivered as goods without being loaded on ships.

⁵¹ Excluding suburban traffic. ⁵² Taxis included.

⁵³ Port of Manila only. ⁵⁴ Manila Railway Co. only.

⁵⁵ Excluding live animals. ⁵⁶ Including bunkers.

⁵⁷ Including Canary Islands and Spanish Morocco.

⁵⁸ Swedish portion of SAS included.

⁵⁹ Includes nonmilitary government vehicles.

⁶⁰ Foreign vessels only. ⁶¹ Main line railways.

⁶² Including British Colonies (except Hong Kong) and British dependencies (70 percent of gross tonnage).

⁶³ Including South-West Africa and Fryburg-Bulawayo line of Rhodesia railways.

⁶⁴ Including 411,000 tonnage on bare boat charter from U. S. A. and Canada.

⁶⁵ Excluding Northern Ireland.

⁶⁶ Includes service traffic carried on revenue-earning trains.

Source: Statistical Office of the United Nations; *Statistical Yearbook, 1961*, and revisions.

No. 1083.—COMMUNICATIONS—TELEPHONES, TELEGRAMS, MAIL, NEWSPAPERS, AND RADIO

[See text, p. 921, 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 1949; b, 1948; c, 1947; d, 1946; e, 1945; f, 1944; g, 1943; h, 1942]

COUNTRY	Year	Telephones in use ¹	Tele- grams sent, do- mestic ²	Letters sent, domestic ³	NEWSPAPERS			RADIO (WIRE- LESS)	
					Dailies ⁴	Circulation		Trans- mitting sta- tions ⁵	Receiv- ing sets ⁶
						Total	Copies per 1,000 popu- lation		
		Number	Thou- sands	Thousands	Num- ber	Thou- sands		Num- ber	Thou- sands
United States.....	1948	38,205,000	189,964						
	1949	40,665,000	174,343						
	1950				⁸ 1,772	53,820	357	3,967	⁹ 90,000
								4,085	
Afghanistan.....	1950				4	14	1		⁹ 8
Albania.....	1948								40
Argentina.....	1949	717,000	22,004	1,394,000	180	3,460	207		⁹ 1,600
Australia.....	1950	a 1,028,134	a 35,647	1,317,000	54	2,000	455	a 148	2,004
Austria.....	1950	a 383,407		478,231	36	1,800	257	a 27	1,318
Belgium.....	1950	a 649,555	a 5,020	1,930,000	46	2,850	331	a 13	a 1,395
Bolivia.....	1949				9	56	14		⁹ 150
Brazil.....	1949			b 1,794,000	220	1,500	30	c 178	b 800
Bulgaria.....	1950	a 57,000	c 5,575	c 527,724	9	717	100		b 209
Burma.....	1949				35	100	6		11
Canada.....	1950	a 2,700,000	a ¹⁰ 19,644	¹⁰ 2,707,000	95	3,889	287	c 161	2,177
Ceylon.....	1950	a 14,884		199,169	8	220	30	a 2	32
Chile.....	1949			h 118,828	39	450	79		⁹ 550
China.....	1948		c 18,424	c 1,028,000		4,500	10		⁹ 800
Colombia.....	1950				37	605	55		⁹ 500
Costa Rica.....	1950				9	74	88		⁹ 23
Cuba.....	1949				b 33	b 448	b 87		⁹ 575
Czechoslovakia.....	1950	a 380,000	c 5,368	d 800,766	20	2,400	193	c 15	2,297
Denmark.....	1949	646,416	¹¹ 1,888	336,415	131	1,750	414	c 6	1,205
Dominican Republic.....	1950				3	43	19	c 26	⁹ 35
Ecuador.....	1950				b 25	b 85	b 26		⁹ 50
Egypt.....	1950	a 106,000	c 2,796	150,978	a 55	a 350	a 18	e 4	192
El Salvador.....	1950				9	68	32		⁹ 21
Ethiopia.....	1950								⁹ 5
Finland.....	1950	a 313,975	a 737	132,915	a ¹² 64	a 1,100	a 274	a 15	722
France.....	1950	a 2,318,673	a ¹³ 17,782	a ¹⁴ 2,827,000	166	11,800	284	a ¹⁵ 74	6,890
Germany, Federal Re- public.....	1950	a 2,112,728	a 22,637	4,149,000				b 23	7,730
Greece.....	1950	a 75,947	a 4,143	123,819	a 60	a 800	a 102		130
Guatemala.....	1950				6	50	18		¹⁶ 31
Haiti.....	1949				6	25	7	8	3
Honduras.....	1950				3	15	11		a ⁹ 25
Hungary.....	1949	115,000	c 3,264	c 380,000	20	834	90	c 5	539
Iceland.....	1950			6,288					⁹ 55
India.....	1949	128,911	21,085		300	2,000	6		343
Indonesia.....	1949	35,750	1,728	80,649	90			25	⁹ 125
								15	
Iran.....	1950		b 3,550	a 32,799	20	100	5		⁹ 184
Iraq.....	1950			g 8,030	23	30	6		30
Ireland.....	1950	a 75,755	b 1,766	209,641	8	600	201	a 4	298
Israel.....	1950	a 24,686	a 367	46,059	17	248	234	a 3	159
Italy.....	1950	a 1,118,685	a 25,979		98	4,500	98	a 40	17 2,892
Japan.....	1949	1,448,668	80,001	c 2,540,000	121	18,000	219	89	⁹ 7,593
Korea.....	1950								134
Lebanon.....	1950		a 46	¹⁵ 5,691	a 45	a 100	a 81		⁹ 2
Liberia.....	1950								54
Luxembourg.....	1950	a 22,376	a 118	29,765	a 5	a 130	a 441	a 2	
Mexico.....	1950	a 273,555	b 30,350	383,253	b 98	b 1,100	b 46	a 212	a ⁹ 750
Netherlands.....	1950	a 692,412	a 3,839	1,390,000	a 133	a 2,800	a 281	a 9	1,967
New Zealand.....	1949	348,539	7,409	290,645	b 49	b 558	b 303		432
Nicaragua.....	1950				12	44	37		⁹ 20
Norway.....	1950	a 430,670	a 6,580	248,481	89	1,340	415	a 22	781

See footnotes at end of table.

NO. 1083.—COMMUNICATIONS—TELEPHONES, TELEGRAMS, MAIL, NEWSPAPERS,
AND RADIO—Continued

[See text, p. 921, 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 1949; b, 1948; c, 1947; d, 1946; e, 1945; f, 1944; g, 1943; h, 1942]

COUNTRY	Year	Telephones in use ¹	Tele- grams sent, do- mestic ²	Letters sent, domestic ³	NEWSPAPERS				RADIO (WIRE- LESS)	
					Dailies ⁴	Circulation		Copies per 1,000 popu- lation	Trans- mitting sta- tions ⁵	Receiv- ing sets ⁶
						Total				
		Number	Thou- sands	Thousands	Num- ber	Thou- sands			Num- ber	Thou- sands
Pakistan.....	1950	17, 671	a 2, 070	279, 025	b 35	b 150	b 2	a 43		
Panama.....	1950				11	90	118			55
Paraguay.....	1949				3	17	13			
Peru.....	1950	a 44, 400	a 3, 903		43	320	39	d 45	a 600	
Philippines.....	1950				20	500	26		a 79	
Poland.....	1949	225, 000	d 385	b 737, 121	a 115	3, 000	123			1, 200
Portugal.....	1950	a 132, 678	a 2, 805	221, 252	29			a 21	a 212	
Romania.....	1950		h 7, 137	h 200, 180	40					226
Spain.....	1950	a 591, 948	a 18, 865	1, 032, 000	b 75	b 1, 620	b 60		b 605	
Sweden.....	1950	a 1, 507, 909	b 5, 128	849, 779	a 146	a 2, 894	a 416	a 33		2, 153
Switzerland.....	1950	a 845, 471	a 818	919, 000	118	1, 641	354	a 8		1, 021
Syria.....	1950		a 100		33	66	21			40
Thailand.....	1950				30	70	4			100
Turkey.....	1949	58, 169	5, 883	109, 419	72	300	15	4		301
Union of South Africa.....	1950	a 415, 518	b 11, 764	a 567, 140	29 19	29 830	29 69	a 10	a 531	
United Kingdom.....	1950	a 5, 122, 369	a 41, 974	a 8, 045, 000	121	30, 245	599	a 42	12, 244	
Uruguay.....	1949	84, 100			b 31	b 400	b 172	58	b 300	
Venezuela.....	1949			d 38, 513	29	300	65		b 150	
Yugoslavia.....	1950		c 3, 960	364, 815	a 18	a 1, 466	a 91			334

¹ Figures relate to number of public and private telephones (including extension instruments) connected to a central exchange.

² Figures cover, in general, all types of telegrams including cablegrams and radiograms, but exclude messages in transit.

³ Letters mailed for distribution within national territories. Figures cover letters (airmail, ordinary mail and registered), postcards, printed matter, business papers, small merchandise samples, small packets, and phonopost packets. Includes mail carried without charge, but excludes ordinary packages, and letters and packages with a declared value.

⁴ Publications devoted mainly to recording current events and appearing 6 or 7 times a week.

⁵ Figures relate only to stations broadcasting to the public; excludes service stations (e. g., aeronautical and naval stations). Each station counted for as many units as it possesses different transmitting frequencies (wave lengths).

⁶ Figures shown for most countries relate to number of licenses issued for receiving sets, figures which are estimates of number of sets actually 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. On the other hand, figures given for estimated number in use may in some cases be overstatements. Data apply to all types of sets for radio broadcasts to the public, including loud-speakers connected to a "radio redistribution system" but excluding television sets.

⁷ Includes messages to Canada, Mexico, St. Pierre, and Miquelon.

⁸ English language dailies only.

⁹ Estimates of number of sets actually in use.

¹⁰ All telegrams sent and received by land are counted as domestic. Letters sent include foreign.

¹¹ Including Faeroe Islands and Greenland.

¹² Number of newspapers appearing 4 to 7 times a week.

¹³ Including Algeria, Guadeloupe, Martinique, French Guianas, and Reunion.

¹⁴ Excluding Saar.

¹⁵ Includes Algeria.

¹⁶ 1951 data.

¹⁷ Excluding free licenses. A single license may cover several sets.

¹⁸ Includes Syria.

¹⁹ Including the Azores and Madeira.

²⁰ Comprising English language dailies and dailies in Afrikaans.

²¹ Includes combined sound-television sets.

Source: Statistical Office of the United Nations; *Statistical Yearbook, 1951*.

No. 1084.—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, evening classes, apprenticeship courses and correspondence schools; intercountry comparisons are subject to caution owing to variations in definitions employed and in scope of data; usually excludes (unless otherwise stated) nursery schools, kindergarten and other pre-school 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 underdeveloped countries. Data for hospital beds usually refer to both private and public hospitals, nursing homes, infirmaries and dispensaries, but are not always quite complete. See text, p. 921, 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 1949; b, 1948; c, 1947; d, 1946; e, 1945; f, 1944; g, 1943; h, 1942].

COUNTRY	Year	PRIMARY SCHOOLS		SECONDARY SCHOOLS		HEALTH		
		Schools	Students enrolled	Schools	Students enrolled	Physicians	Dentists	Hospital beds
United States.....	1949	c ¹ 154, 916	c ¹ 18, 969, 430	c ¹ 28, 354	c ¹ 7, 929, 484	199, 745	75, 645	1, 425, 222
Argentina.....	1949	14, 722	2, 119, 940	—	c ² 58, 142	b ¹ 18, 301	b ¹ 6, 643	b ¹ 65, 386
Australia.....	1948	c ³ 10, 041	c ³ 1, 186, 282	(³)	(²)	6, 644	—	70, 882
Austria.....	1950	5, 084	855, 982	168	50, 148	a ¹ 10, 760	—	a ¹ 57, 213
Belgium.....	1950	b ¹ 8, 735	770, 822	—	120, 378	8, 132	1, 214	28, 950
Bolivia.....	1950	1, 562	141, 831	104	18, 029	—	—	e ¹ 5, 180
Brazil.....	1949	54, 900	4, 132, 604	d ¹ 1, 365	d ¹ 282, 179	—	—	144, 417
Bulgaria.....	1947	8, 631	907, 846	295	167, 660	—	—	—
Burma.....	1947	5, 769	448, 917	—	—	—	—	—
Canada.....	1950	c ³ 32, 756	1, 822, 682	(a)	c ³ 388, 248	14, 696	c ³ 4, 355	c ³ 128, 387
Ceylon.....	1950	5, 645	1, 105, 052	a ¹ (583)	a ¹ 222, 308	b ¹ 537	—	b ¹ 18, 882
Chile.....	1949	5, 684	752, 254	289	73, 943	3, 200	—	d ¹ 28, 390
China.....	1949	c ¹ 1, 169	c ¹ 892, 758	c ¹ 170	c ¹ 76, 362	d ¹ 13, 447	d ¹ 3, 371	d ¹ 13, 357
Colombia.....	1948	c ¹ 11, 628	c ¹ 765, 488	c ¹ 397	c ¹ 42, 293	3, 223	—	c ¹ 23, 310
Costa Rica.....	1950	1, 046	112, 500	—	6, 000	—	—	4, 657
Cuba.....	1948	e ¹ 6, 888	e ¹ 511, 812	—	h ¹ 23, 288	3, 100	—	17, 112
Czechoslovakia.....	1947	17, 768	1, 571, 337	10 342	10 119, 469	9, 959	—	90, 764
Denmark.....	1950	3, 648	477, 856	414	97, 817	b ¹ 4, 200	b ¹ 1, 168	b ¹ 30, 385
Dominican Republic.....	1949	2, 498	235, 732	10 44	10 6, 738	636	—	4, 805
Ecuador.....	1949	3, 216	309, 376	b ¹ 71	b ¹ 15, 769	d ¹ 808	d ¹ 220	22, 000
Egypt.....	1949	5, 419	1, 066, 926	317	96, 625	4, 000	600	—
El Salvador.....	1949	1, 888	144, 442	c ¹ 35	c ¹ 2, 694	e ¹ 287	—	—
Ethiopia.....	1950	—	—	—	—	88	2	3, 010
Finland.....	1949	—	484, 207	b ¹ 317	b ¹ 87, 740	b ¹ 1, 869	b ¹ 1, 211	b ¹ 20, 680
France.....	1948	80, 770	4, 478, 414	2, 548	891, 231	11 31, 358	11 9, 685	224, 500
Germany, Federal Republic ¹²	1950	29, 242	6, 379, 645	b ¹ 13 746	b ¹ 18 284, 939	—	—	—
Greece.....	1939	—	—	—	—	—	—	16, 202
Guatemala.....	1950	3, 397	164, 815	—	—	b ¹ 408	b ¹ 115	c ¹ 5, 585
Haiti.....	1950	365	46, 568	—	—	—	—	c ¹ 1, 813
Honduras.....	1950	1, 030	97, 209	c ¹ 14 26	c ¹ 1, 274	—	—	b ¹ 1, 812
Hungary.....	1946	—	—	—	—	9, 809	—	38, 079
Iceland.....	1950	214	16, 218	—	—	a ¹ 161	a ¹ 17	a ¹ 1, 177
India.....	1948	13 291, 951	15 15, 883, 376	18, 346	4, 288, 918	—	—	c ¹ 81, 241
Indonesia.....	1949	21, 575	4, 000, 000	330	73, 850	b ¹ 10 1, 101	—	b ¹ 30, 867
Iran.....	1949	b ¹ 3, 229	386, 286	b ¹ 284	b ¹ 36, 853	292	—	—
Iraq.....	1949	1, 194	196, 334	b ¹ 130	b ¹ 21, 016	b ¹ 684	—	—
Ireland.....	1949	4, 886	463, 703	416	47, 065	e ¹ 17 631	—	—
Israel.....	1949	b ¹ 18 462	b ¹ 18 87, 763	b ¹ 18 41	b ¹ 18 10, 634	2, 801	—	7, 110
Italy.....	1948	38, 766	4, 878, 149	c ¹ 2, 777	c ¹ 483, 788	—	—	—
Japan.....	1950	21, 081	11, 190, 794	c ¹ 15, 266	c ¹ 7, 266, 032	d ¹ 65, 301	d ¹ 24, 273	a ¹ 249, 042
Korea, South.....	1948	3, 636	2, 354, 977	—	—	—	—	—
Lebanon.....	1948	c ¹ 20 1, 721	c ¹ 137, 455	(²⁰)	c ¹ 30, 000	816	155	6, 387
Luxembourg.....	1949	21 1, 014	21 28, 216	b ¹ 12	b ¹ 3, 506	241	114	—
Mexico.....	1949	24, 493	2, 880, 527	440	72, 733	c ¹ 10, 605	c ¹ 1, 498	c ¹ 27, 816
Netherlands.....	1950	8, 068	1, 371, 511	b ¹ 1, 455	b ¹ 235, 279	b ¹ 7, 000	b ¹ 1, 400	c ¹ 41, 512
New Zealand.....	1948	2, 416	270, 217	254	47, 871	d ¹ 2, 012	d ¹ 823	17, 620
Nicaragua.....	1948	20 1, 382	20 101, 502	(²⁰)	(²⁰)	276	—	2, 378
Norway.....	1948	—	208, 222	c ¹ 128	c ¹ 36, 050	3, 082	1, 598	27, 645
Pakistan.....	1948	36, 242	22 842, 000	—	—	2, 190	—	—
Panama.....	1950	950	110, 059	a ¹ 17	a ¹ 8, 122	c ¹ 195	c ¹ 72	c ¹ 3, 071
Paraguay.....	1950	1, 477	195, 607	—	c ¹ 6, 545	507	211	23 2, 076

See footnotes at end of table.

No. 1084.—EDUCATION AND HEALTH—Continued

[See text, p. 921, 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, 1946; e, 1945; f, 1944; g, 1943; h, 1942]

COUNTRY	Year	PRIMARY SCHOOLS		SECONDARY SCHOOLS		HEALTH		
		Schools	Students enrolled	Schools	Students enrolled	Physicians	Dentists	Hospital beds
Peru.....	1950	10,454	962,367	c 96	c 36,640	e 1,358	e 372	e 16,204
Philippines.....	1948	19,116	3,811,981	1,328	549,659	-----	-----	-----
Poland.....	1948	22,530	3,375,061	486	219,500	c ¹¹ 7,889	c ¹¹ 1,672	c 106,354
Portugal.....	1949	11,700	600,329	c 315	c 45,616	b 5,675	-----	b 33,049
Spain.....	1948	²⁴ 56,747	²⁴ 2,063,646	119	213,818	-----	-----	-----
Sweden.....	1948	11,313	589,695	-----	193,956	c 4,354	c 2,860	c 74,050
Switzerland.....	1949	-----	434,498	b 237	b 91,899	d 6,174	d 1,761	d 71,763
Syria.....	1949	1,595	231,662	120	28,505	d 670	d 260	d 2,049
Thailand.....	1949	19,323	2,601,962	1,242	105,146	-----	-----	-----
Turkey.....	1950	17,029	1,625,499	b 412	b 88,681	a ² 2,617	-----	a 17,225
Union of South Africa.....	1950	c 8,347	c 1,267,273	c 100,730	c 100,730	d 4,502	d 796	43,700
United Kingdom ²⁵	1949	b 23,703	b 3,924,451	b 5,373	b 1,875,997	-----	d 10,000	504,209
Uruguay.....	1950	-----	a 223,049	-----	-----	-----	-----	13,931
Venezuela.....	1950	b 5,755	b 485,668	98	18,546	a 2,165	a 472	15,660
Yugoslavia.....	1950	13,636	1,552,360	-----	a 434,202	a 4,596	a 733	a 50,730

¹ Includes kindergartens.

² Excludes provincial schools.

³ Secondary schools included with primary schools.

⁴ Excludes 20 hospitals.

⁵ Includes Formosa.

⁶ Government hospital personnel only.

⁷ In 428 public hospitals.

⁸ Excludes following number of schools not reporting: Primary 1,382, secondary 204.

⁹ Includes pre-primary schools.

¹⁰ Includes teacher-training or normal schools.

¹¹ Civil personnel.

¹² Excludes Bremen.

¹³ Former United States Zone only.

¹⁴ Includes technical schools.

¹⁵ Includes preschool.

¹⁶ Area under authority of Interim Federal Government before Dec. 18, 1948.

¹⁷ Public health and dispensary medical officers.

¹⁸ Jewish schools only.

¹⁹ Includes vocational schools.

²⁰ Schools of all levels shown under primary schools.

²¹ Public schools only, excluding higher primary.

²² Baluchistan, Sind and West Punjab only.

²³ General hospitals only.

²⁴ Public institutions only.

²⁵ England and Wales only.

Source: Statistical Office of the United Nations; *Statistical Yearbook, 1951*.

No. 1085.—UNITED NATIONS AND CERTAIN SPECIALIZED AGENCIES—MEMBER CONTRIBUTIONS: 1951

COUNTRY	UNITED NATIONS (UN)		FOOD AND AGRICULTURE ORGANIZATION (FAO)		INTERNATIONAL CIVIL AVIATION ORGANIZATION (ICAO)		INTERNATIONAL LABOR ORGANIZATION (ILO)		U. N. EDUCATIONAL, SCIENTIFIC AND CULTURAL ORGANIZATION (UNESCO)		WORLD HEALTH ORGANIZATION (WHO)	
	Percent	Amount	Percent	Amount	Units	Percent ¹	Amount	Percent	Amount	Units	Percent ¹	Amount
1951 Budget. Total member assessments ²	100.00	\$47,798,600 \$ 42,570,000	100.00	\$5,025,000 \$ 5,000,000	1,497	100.00	\$3,000,000 \$ 2,600,000	100.00	\$5,299,506 \$ 6,219,506	12,111	100.00	\$7,300,000 \$ 7,089,025
Afghanistan.....	.06	25,542	.06	3,000	5	.33	8,684	.12	7,463	6	.05	3,550
Albania.....	1.85	787,545	2.52	126,000	45	3.00	78,156	2.51	156,110	222	.04	2,959
Australia.....	1.92	817,344	.31	15,500	49	3.27	85,404	2.69	167,305	236	1.84	131,371
Austria.....	1.35	574,695	1.72	86,000	32	2.14	55,578	2.03	120,366	162	1.18	130,514
Belgium.....	.08	34,056	.09	4,500	4	2.7	6,947	1.33	124,260	22	1.35	13,019
Bolivia.....	1.85	787,545	2.36	118,000	39	2.60	67,736	2.09	7,483	10	.09	95,868
Brazil.....	.15	63,855	.19	9,500	8	.53	13,894	2.61	162,226	222	1.85	131,371
Burma.....	3.30	1,404,810	4.11	205,500	66	4.41	114,620	.30	24,226	17	.14	10,000
Canada.....	.41	174,557	.28	14,000	8	.53	13,894	.25	15,549	6	.05	3,550
Ceylon.....	6.00	2,551,200	3.90	199,500	12	.80	20,812	4.28	286,195	384	3.08	218,084
China.....	.37	157,509	.48	24,000	10	.67	17,398	.30	18,689	54	.04	2,959
Colombia.....	.04	131,967	.05	2,500	16	1.07	27,780	.61	37,839	5	.45	31,966
Costa Rica.....	.99	421,443	.38	18,000	16	1.07	27,780	3.04	189,073	720	6.01	426,070
Cuba.....	.79	336,303	1.01	50,500	19	1.27	32,998	.50	31,038	5	.04	2,959
Czechoslovakia.....	.05	21,285	.06	3,000	4	.27	6,947	.42	34,440	35	.29	20,712
Denmark.....	.05	21,285	.06	3,000	4	.27	6,947	.35	28,700	108	.90	63,911
Dominican Republic.....	.05	21,285	.06	3,000	4	.27	6,947	1.12	67,500	95	.79	86,218
Ecuador.....	.71	302,247	1.02	51,000	20	1.34	34,730	.89	72,080	6	.05	3,550
Egypt.....	.05	21,285	.06	3,000	4	.27	6,947	.12	7,463	720	.05	3,550
El Salvador.....	.08	34,056	.18	9,000	5	.33	8,684	.06	4,920	6	.05	3,550
Ethiopia.....	6.00	2,551,200	7.68	384,000	76	5.08	131,997	.06	4,920	10	.09	5,917
Finland.....	.04	131,967	.05	2,500	16	1.07	27,780	.06	4,920	17	.14	10,080
France.....	.04	131,967	.05	2,500	16	1.07	27,780	.06	4,920	720	6.01	426,070
Germany, Fed. Republic.....	.18	76,626	4.12	206,000	11	.73	19,105	.06	4,920	20	.17	11,835
Greece.....	.06	25,542	.06	3,000	5	.33	8,684	.12	7,463	6	.05	3,550
Guatemala.....	.04	17,028	.05	2,500	4	.27	6,947	.04	2,980	5	.04	2,959
Haiti.....	.04	17,028	.05	2,500	4	.27	6,947	.04	2,980	5	.04	2,959
Honduras.....	.04	17,028	.05	2,500	4	.27	6,947	.21	17,220	24	.20	14,202
Hungary.....	3.41	1,451,637	4.16	208,000	47	3.14	81,630	.54	33,585	5	.64	2,927
Iceland.....	(³)	(³)	.61	30,500	4	.27	6,947	.43	26,744	40	.34	23,671
India.....	(³)	(³)	.61	30,500	4	.27	6,947	.43	26,744	40	.34	23,671
Indonesia.....	(³)	(³)	.61	30,500	4	.27	6,947	.43	26,744	40	.34	23,671

	45	191,565	22	11,000	17	1.14	23,526	.61	37,639	.51	41,520	54	31,956
Iraq	.17	72,369	.63	31,500	7	.47	12,158	.24	14,927	.19	15,380	20	11,833
Ireland			.15	7,500	17	1.14	23,526	.70	43,537			43	29,446
Israel		51,084	2.44	122,000	7	.47	69,472	.12	7,463	.14	11,480	14	8,283
Italy	.12				40	2.67		3.19	198,403	2.55	209,100	252	146,125
Korea			.17	8,500						.18	14,760	10	5,917
Lebanon	.06	25,542	.07	3,800	3	.20	5,210	.12	7,463	.07	5,740	7	4,142
Liberia	.04	17,028	.05	2,500	2	.13	3,474	.12	7,463	.04	2,860	7	2,959
Luxembourg	.05	21,285	.06	3,000	4	.27	6,947	.12	7,463	.06	4,920	7	2,550
Mexico	.03	268,191	.83	41,500	30	2.00	82,104	1.00	62,195	.03	44,975	6	44,975
Netherlands	1.35	674,695	1.81	90,900	45	3.00	78,156	1.45	90,183	1.53	157,320	168	99,417
New Zealand	.60	212,850	.63	31,900	17	1.14	29,523	.68	42,283	.57	122,400	66	31,148
Nicaragua	.04	17,028	.05	2,500	4	.27	6,947	.12	7,463	.04	46,440	5	2,969
Norway	.50	212,850	.63	31,900	16	1.07	27,789	.84	52,244	.57	46,440	60	35,508
Pakistan	.74	315,018	.89	44,500	17	1.14	29,523	.93	57,841	.84	68,580	84	49,708
Panama	.05	21,285	.06	3,000				.12	7,463	.06	4,920		2,959
Paraguay	.04	17,028	.05	2,500	4	.27	6,947	.12	7,463	.04	14,202	5	14,202
Peru	.20	128,433	.26	13,500	10	.67	17,368	.38	23,631	.23	18,860	24	20,712
Philippines	.20	128,433	.26	13,500	12	.80	20,842	.43	26,744	.33	27,060	27	27,060
Poland	1.05	446,985	1.21	60,500	20	1.94	50,367	1.29	80,232	1.19	97,580	114	67,462
Portugal			.62	31,000	16	1.07	27,789	.78	48,512			47	37,813
Romania												42	24,855
Spain	1.41	787,545	1.41	70,500	37	2.47	64,262	2.33	144,915	2.10	172,200	245	117,227
Sweden	1.85		2.54	127,000	34	2.27	59,052	1.93	120,037	1.70	137,900	120	71,012
Switzerland			1.65	82,500									
Syria	.11	46,827	.15	7,500	7	.47	12,158	.16	9,951	.12	9,345	14	8,285
Thailand	.34	102,168	.34	17,000	9	.60	15,631	.43	26,744	.27	20,940	32	18,936
Turkey	.01	387,387	1.16	58,000	20	1.34	34,736	1.22	75,878	1.03	83,560	109	64,592
Turkey (South Africa)	1.04	442,728	1.44	72,000	30	2.00	82,104	1.69	105,110	1.13	92,800	134	79,297
U. S. S. R.	6.98	2,871,356	14.52	728,000	120	8.02	208,417	13.60	845,853	12.88	1,044,480	1,378	460,333
United Kingdom	11.37	8,440,209	27.10	1,355,000	374	24.93	649,566	25.00	1,554,877	35.00	12,755,400	4,239	815,452
United States	38.92	16,568,244	27.10	1,355,000	374	24.93	649,566	25.00	1,554,877	35.00	12,755,400	4,239	815,452
Uruguay	.15	76,626	.23	11,500				.30	18,659	.20	15,100	22	2,481,159
Venezuela	.30	127,710	.35	17,500				.36	22,390	.20	15,100	22	13,019
Yugoslavia	.36	153,252	.43	21,500	20	1.34	34,736			.41	33,620	32	18,936
												40	23,671

¹ Unofficial percentages, calculated from official unit scale of assessments.

² Includes contributions for the following countries not shown separately: Byelorussian S. S. R., Cambodia, Hashemite Kingdom of Jordan, Laos, Monaco, Saudi Arabia, Southern Rhodesia, Ukrainian S. S. R., Viet Nam, Yemen.

³ Regular 1951 budget less \$6,521,000 estimated miscellaneous income, less \$1,315,573

plus \$2,966,408 adjustments in the 1950 budget and 1949 miscellaneous income, less Indonesia's

assessments of 60 percent less an estimated miscellaneous income of \$25,000.

⁴ Regular 1951 budget less an estimated miscellaneous income of \$25,000.

⁵ Regular 1951 budget less \$8,000 casual revenue, less \$132,000 appropriated from the

working capital fund, less \$90,000 appropriated from the general fund reserve.

⁶ Regular 1951 budget less supplementary receipts of \$50,000. Gross assessments against

which credits with respect to the 1947, 1948, and 1949 balances, and the working capital

fund are to be deducted for certain members in the amount of \$382,642.

⁷ Regular 1951 budget less credits of \$132,405. Certain member states who paid their

deposits to working capital fund in full on December 31, 1950, are due a refund as result

of the reduction in their percentages due to admission of new members.

⁸ Regular 1951 budget less UNRRA grant of \$202,475, and miscellaneous income of

\$8,500.

⁹ Indonesia's assessment was determined after adoption regular 1951 scale, and is, there-

fore, over and above normal scale.

¹⁰ Gross assessment. Due to credit of \$174,000 as result of adjustment of advances to

working capital fund on basis of 1951 scale of assessments, actual United States assess-

ment is \$16,394,244.

¹¹ Gross assessment. Due to credit of \$25,045 in respect of the 1949 balance, and credit

of \$93,420 in respect of the working capital fund, the actual United States assessment

is \$1,493,412.

¹² Gross assessment is \$2,870,000, offset by a credit of \$84,900, due to adjustment of

advances to working capital fund.

Source: Department of State, Bureau of United Nations Affairs.

APPENDIX I

TABLE A.—HISTORICAL STATISTICS: 1949 TO 1951

[Comprises latest available figures for statistical time series shown in the historical supplement entitled *Historical Statistics of the United States, 1789-1945*. For 1946 figures, see table 1101 of 1949 *Statistical Abstract*; and for 1947 and 1948 figures, see App. I, table A of 1950 and 1951 *Statistical Abstracts*, respectively. In some cases, figures incorporate revisions received too late to make changes elsewhere in volume. Figures for 1951 are generally preliminary; 1949 and 1950 figures are subject to revision. Historical series are listed only where data are available for a year later than 1948. Asterisk (*) denotes series revised for earlier years; for revisions, see: App. I, table B; 1951 and 1950 *Abstracts*, App. I, table B; and 1949 *Abstract*, table 1102. Numbers in boldface (as A 100) are series numbers from historical supplement. "Abstract table No." gives number of table in this edition of the *Statistical Abstract*, in which recent figures appear, usually with more detail than can be shown in this appendix. Where no "Abstract table No." appears, the exactly corresponding series is not shown in this issue. "Earliest date" represents earliest year for which figures are shown in historical supplement. For general sources and qualifications of figures, see *Historical Statistics*]

SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
WEALTH AND INCOME							
National wealth, classification of wealth.*	A 75-99	-----	Mil.dols.-----	(?)	(?)	(?)	1922
Manhattan Island, value of land and buildings. ³	A 100	-----	Bil. dols.-----	10.4	11.0	11.8	1833
GROSS NATIONAL PRODUCT OR EXPENDITURE							
Gross national product*-----	A 101	302	do.-----	258.2	284.2	329.2	1929
Personal consumption expenditures*-----	A 102	302	do.-----	180.6	194.3	208.0	1929
Durable goods*-----	A 103	302	do.-----	23.8	29.2	27.1	1929
Nondurable goods*-----	A 104	302	do.-----	99.2	102.8	113.5	1929
Services*-----	A 105	302	do.-----	57.5	62.4	67.3	1929
Gross private domestic investment*-----	A 106	302	do.-----	33.5	50.3	58.5	1929
New construction*-----	A 107	302	do.-----	17.3	22.9	23.3	1929
Residential nonfarm*-----	A 108	-----	do.-----	8.3	12.6	11.0	1929
Other*-----	A 109	-----	do.-----	9.0	10.3	12.3	1929
Producers' durable equipment*-----	A 110	302	do.-----	18.7	22.0	24.9	1929
Change in business inventories*-----	A 111	302	do.-----	-2.5	5.5	10.3	1929
Net foreign investment*-----	A 112	302	do.-----	.5	-2.3	.2	1929
Government purchases of goods and services*-----	A 113	302	do.-----	43.6	41.9	62.6	1929
Federal*-----	A 114	302	do.-----	25.4	22.2	40.9	1929
Government sales*-----	A 115	302	do.-----	.4	.2	.4	1929
State and local*-----	A 116	302	do.-----	18.2	19.7	21.7	1929
NATIONAL INCOME BY DISTRIBUTIVE SHARES							
National income*-----	A 117	304	do.-----	216.3	239.2	277.6	1929
Compensation of employees*-----	A 118	304	do.-----	139.9	153.4	178.9	1929
Wages and salaries*-----	A 119	304	do.-----	133.4	146.6	169.9	1929
Private*-----	A 120	304	do.-----	113.0	128.4	141.2	1929
Military*-----	A 121	304	do.-----	4.2	5.0	8.6	1929
Government civilian*-----	A 122	304	do.-----	16.1	17.2	20.1	1929
Supplements to wages and salaries*-----	A 123	304	do.-----	6.6	7.8	9.0	1929
Proprietors' income, total*-----	A 124	304	do.-----	34.4	37.0	41.8	1929
Business and professional*-----	A 125	304	do.-----	21.6	23.7	26.2	1929
Farm*-----	A 126	304	do.-----	12.8	13.3	15.6	1929
Rental income of persons*-----	A 127	304	do.-----	7.7	8.2	8.9	1929
Corporate profits and inventory valuation adjustment*-----	A 128	304	do.-----	29.2	34.8	41.6	1929
Corporate profits before tax*-----	A 129	304	do.-----	27.1	39.6	42.9	1929
Corporate profits tax liability*-----	A 130	304	do.-----	10.8	18.4	24.2	1929
Corporate profits after tax*-----	A 131	304	do.-----	16.3	21.2	18.7	1929
Inventory valuation adjustment*-----	A 132	304	do.-----	2.1	-4.8	-1.3	1929
Net interest*-----	A 133	304	do.-----	5.0	5.8	6.4	1929
PERSONAL INCOME							
Personal income*-----	A 134	305	do.-----	205.1	224.7	251.1	1929
Wage and salary receipts*-----	A 135	305	do.-----	131.2	142.9	165.9	1929
Other labor income*-----	A 136	305	do.-----	3.0	3.5	3.8	1929
Proprietors' and rental income*-----	A 137	305	do.-----	41.4	44.0	48.9	1929
Dividends*-----	A 138	305	do.-----	7.6	9.2	9.4	1929
Personal interest income*-----	A 139	305	do.-----	9.5	10.1	10.6	1929
Transfer payments*-----	A 140	305	do.-----	12.4	15.1	12.5	1929
Less: Personal tax and nontax payments.*-----	A 141	305	do.-----	18.6	20.5	28.4	1929
Equals: Disposable personal income.*-----	A 142	305	do.-----	186.4	204.3	222.6	1929
Less: Personal-consumption expenditures.*-----	A 143	305	do.-----	180.2	193.6	205.5	1929
Equals: Personal saving*-----	A 144	305	do.-----	6.3	10.7	17.2	1929

¹ See revision table B, p. 1000. ² Not available.

³ Series prepared by Lee Thompson Smith, Chairman, Executive Committee, Home Title Guaranty Co., 135 Broadway, New York, N. Y., President, The Real Estate Board of New York.

⁴ Federal purchases are measured after deduction of government sales.

TABLE A.—HISTORICAL STATISTICS: 1949 to 1951—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see: App. I, table B; 1951 and 1950 *Abstracts*, App. I, table B; and 1949 *Abstract*, table 1102. Figures for 1951 are generally preliminary; 1949 and 1950 figures are subject to revision. Also, see headnote, p.940]

SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
WEALTH AND INCOME—Continued							
National income, realized private production income by industries (NICB)*.	A 154-156, A 158, 1A 162	-----	Mil. dols.-----	(2)	(2)	(2)	1799
Income payments, annual changes in percentage shares of total income payments in current prices (Kuznets)*.	1A 195-197	314	Percent-----	(2)	(2)	(2)	1919
POPULATION CHARACTERISTICS							
DECENNIAL SUMMARY							
Population:							
United States, aggregate*-----	B 1	3	Number-----	-----	154,233,234	-----	1880
Continental U. S.-----	B 2	3	do-----	-----	150,697,361	-----	1790
Military and naval, etc. services abroad.-----	B 3	3	do-----	-----	481,545	-----	1900
• Territories-----	B 5a	3	do-----	-----	628,437	-----	-----
Alaska Territory-----	B 6	3	do-----	-----	128,643	-----	1880
Hawaii Territory-----	B 7	3	do-----	-----	499,794	-----	1900
Possessions ⁵ -----	B 5b	3	do-----	-----	2,316,922	-----	-----
Puerto Rico-----	B 8	3	do-----	-----	2,210,703	-----	1900
Canal Zone ⁶ -----	B 9	3	do-----	-----	52,822	-----	1910
Other areas ⁵ -----	B 5c	3	do-----	-----	56,147	-----	-----
Continental population-----	B 13	3	do-----	-----	150,697,361	-----	1790
By sex:							
Male-----	B 14	19	do-----	-----	74,832,626	-----	1823
Female-----	B 15	19	do-----	-----	75,864,735	-----	1820
By urban-rural:							
Old definition: ⁸							
Urban-----	B 16	24	do-----	-----	788,927,464	-----	1790
Rural-----	B 17	24	do-----	-----	61,769,897	-----	1790
New definition: ⁸							
Urban-----	B 16a	24	do-----	-----	796,467,686	-----	-----
Rural-----	B 17a	24	do-----	-----	54,229,675	-----	-----
By race:							
White, total-----	B 18	16	do-----	-----	135,215,000	-----	1790
Native-----	B 19	26	do-----	-----	125,068,000	-----	1850
Foreign born-----	B 20	26	do-----	-----	10,147,000	-----	1850
Negro, total-----	B 21	16	do-----	-----	14,894,000	-----	1790
Other races-----	B 23	16	do-----	-----	588,000	-----	1860
Area—Territorial expansion (including territories, etc.):	B 25	1	Square miles-----	-----	3,628,130	-----	-----
Gross area (land and water).							
Gross continental area-----	B 26	2	do-----	-----	3,022,387	-----	1790
Land-----	B 27	2	do-----	-----	2,974,726	-----	1790
Water-----	B 28	2	do-----	-----	47,661	-----	1790
Continental population-----	B 29	2	Number-----	-----	150,697,361	-----	1790
Per square mile of land area.	B 30	2	do-----	-----	50.7	-----	1790
ANNUAL SUMMARY (JULY 1)¹⁰							
Total continental population-----	B 31	-----	Thousands-----	149,215	151,772	-----	1790
By sex:							
Male-----	B 32	-----	do-----	74,243	75,439	-----	1900
Female-----	B 33	-----	do-----	74,973	76,333	-----	1900
By color:							
White-----	B 34	-----	do-----	133,446	135,562	-----	1900
Nonwhite-----	B 35	-----	do-----	15,770	16,209	-----	1900
By age last birthday:							
Under 15 years-----	B 36	-----	do-----	40,419	41,863	-----	1900
15 to 44 years-----	B 37	-----	do-----	66,895	67,185	-----	1900
45 to 64 years-----	B 38	-----	do-----	30,631	31,122	-----	1900
65 years and over-----	B 39	-----	do-----	11,270	11,601	-----	1900

¹ See revision table B, p. 1000. ² Not available.

³ Includes Corn Islands. ⁴ Based on 20 percent sample of reports received.

⁵ For detailed list, see table 3, p. 9.

⁶ Under jurisdiction of United States in accordance with treaty of Nov. 18, 1903, with Republic of Panama.

⁷ Advance tabulations from 1950 Census of population.

⁸ Refer to p. 2 for description of old and new urban and rural definitions.

⁹ Estimates based on sample of 1950 Census returns.

¹⁰ Includes armed forces outside continental United States.

TABLE A.—HISTORICAL STATISTICS: 1949 TO 1951—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see: App. I, table B; 1951 and 1950 *Abstracts*, App. I, table B, and 1949 *Abstract*, table 1102. Figures for 1951 are generally preliminary; 1949 and 1950 figures are subject to revision. Also, see headnote, p. 940]

SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
POPULATION CHARACTERISTICS—Continued							
RACE, SEX, AND AGE, DECENNIAL							
Nonwhite population.....	B 40	26	Number		115,482,000		1860
Negro.....	B 41	26	do		114,894,000		1790
Population—Race by regions:							
The Northeastern States ¹	B 48	11	do		39,477,986		1790
White.....	B 49		do		137,456,000		1790
Negro.....	B 50		do		11,975,000		1790
Other races.....	B 51		do		147,000		1860
The North Central States ²	B 54	11	do		44,400,762		1800
White.....	B 55		do		142,248,000		1800
Negro.....	B 56		do		12,134,000		1800
Other races.....	B 57		do		179,000		1860
The South ³	B 60	11	do		47,197,088		1790
White.....	B 61		do		136,881,000		1790
Negro.....	B 62		do		110,208,000		1790
Other races.....	B 63		do		1108,000		1860
The West ⁴	B 66	11	do		19,561,525		1850
White.....	B 67		do		118,631,000		1850
Negro.....	B 68		do		1576,000		1850
Other races.....	B 69		do		1354,000		1860
Median age, all classes.....	B 72	18	Years		130.1		1820
Male.....	B 73	18	do		129.9		1820
Female.....	B 74	18	do		130.4		1820
By race:							
White, total.....	B 75	18	do		130.7		1800
Male.....	B 76	18	do		130.4		1790
Female.....	B 77	18	do		130.9		1800
Nonwhite, total.....	B 78	18	do		125.5		1820
Male.....	B 79	18	do		125.1		1820
Female.....	B 80	18	do		125.8		1820
Total population, age last birthday:							
Under 5 years.....	B 81	18	Number		116,324,000		1850
5 to 9 years.....	B 82	18	do		113,241,000		1850
10 to 14 years.....	B 83	18	do		111,361,000		1850
15 to 19 years.....	B 84	18	do		110,732,000		1850
20 to 24 years.....	B 85	18	do		111,327,000		1850
25 to 29 years.....	B 86	18	do		112,093,000		1850
30 to 34 years.....	B 87	18	do		111,601,000		1850
35 to 39 years.....	B 88	18	do		111,193,000		1850
40 to 44 years.....	B 89	18	do		110,058,000		1850
45 to 49 years.....	B 90	18	do		108,990,000		1850
50 to 54 years.....	B 91	18	do		108,274,000		1850
55 to 59 years.....	B 92	18	do		107,230,000		1850
60 to 64 years.....	B 93	18	do		105,950,000		1850
65 years and over.....	B 94	18	do		112,322,000		1850
White population, age last birthday:							
Under 5 years.....	B 96	18	do		114,371,000		1830
5 to 9 years.....	B 97	18	do		111,677,000		1830
10 to 14 years.....	B 98	18	do		109,858,000		1830
15 to 19 years.....	B 99	18	do		109,432,000		1830
20 to 24 years.....	B 100	18	do		110,029,000		1830
25 to 29 years.....	B 101	18	do		110,798,000		1830
30 to 34 years.....	B 102	18	do		110,534,000		1830
35 to 39 years.....	B 103	18	do		110,007,000		1830
40 to 44 years.....	B 104	18	do		109,043,000		1830
45 to 49 years.....	B 105	18	do		108,173,000		1830
50 to 54 years.....	B 106	18	do		107,568,000		1830
55 to 59 years.....	B 107	18	do		106,696,000		1830
60 to 64 years.....	B 108	18	do		105,582,000		1830
65 years and over.....	B 109	18	do		111,443,000		1830

¹ Estimates based on sample 1950 Census returns.

² New England and Middle Atlantic divisions.

³ East North Central and West North Central divisions.

⁴ South Atlantic, East South Central, and West South Central divisions.

⁵ Mountain and Pacific divisions.

TABLE A.—HISTORICAL STATISTICS: 1949 to 1951—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see: App. I, table B; 1951 and 1950 Abstracts, App. I, table B; and 1949 Abstract, table 1102. Figures for 1951 are generally preliminary; 1949 and 1950 figures are subject to revision. Also, see headnote, p. 940]

SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
POPULATION CHARACTERISTICS—Continued							
URBAN AND RURAL, DECENNIAL							
(Old definition) ¹							
Urban places, total ²	B 145	22	Number.....		4, 018		1790
Population.....	B 146	22	do.....		88, 927, 464		1790
Places of 100,000 inhabitants or more.....	B 147	22	do.....		107		1820
Population.....	B 148	22	do.....		44, 447, 066		1820
Places of 50,000 to 100,000 inhabitants.....	B 149	22	do.....		128		1800
Population.....	B 150	22	do.....		9, 073, 363		1800
Places of 25,000 to 50,000 inhabitants.....	B 151	22	do.....		271		1790
Population.....	B 152	22	do.....		9, 495, 862		1790
Places of 10,000 to 25,000 inhabitants.....	B 153	22	do.....		809		1790
Population.....	B 154	22	do.....		12, 467, 229		1790
Places of 5,000 to 10,000 inhabitants.....	B 155	22	do.....		1, 133		1790
Population.....	B 156	22	do.....		7, 878, 675		1790
Places of 2,500 to 5,000 inhabitants.....	B 157	22	do.....		1, 570		1790
Population.....	B 158	22	do.....		5, 565, 269		1790
Rural territory, population ²	B 159	22	do.....		61, 769, 897		1790
Rural population, total.....	B 160	22	do.....		61, 769, 897		1890
Places of 1,000 to 2,500 inhabitants.*.....	B 161	22	do.....		3, 408		1890
Population*.....	B 162	22	do.....		5, 382, 637		1890
Places of under 1,000 inhabitants.*.....	B 163	22	do.....		9, 827		1890
Population*.....	B 164	22	do.....		4, 129, 049		1890
URBAN AND RURAL, DECENNIAL							
(New definition) ¹							
Urban territory, total places.....	B 145a	22	do.....		4, 741		
Population.....	B 146a	22	do.....		96, 467, 656		
Urban places, total.....	B 145b	22	do.....		4, 284		
Population.....	B 146b	22	do.....		88, 545, 608		
Places of 100,000 inhabitants or more.....	B 147a	22	do.....		106		
Population.....	B 148a	22	do.....		44, 311, 617		
Places of 50,000 to 100,000 inhabitants.....	B 149a	22	do.....		126		
Population.....	B 150a	22	do.....		8, 930, 823		
Places of 25,000 to 50,000 inhabitants.....	B 151a	22	do.....		262		
Population.....	B 152a	22	do.....		8, 807, 721		
Places of 10,000 to 25,000 inhabitants.....	B 153a	22	do.....		778		
Population.....	B 154a	22	do.....		11, 866, 505		
Places of 5,000 to 10,000 inhabitants.....	B 155a	22	do.....		1, 176		
Population.....	B 156a	22	do.....		8, 138, 596		
Places of 2,500 to 5,000 inhabitants.....	B 157a	22	do.....		1, 846		
Population.....	B 158a	22	do.....		6, 490, 406		
Other urban territory, population.....	B 158b	22	do.....		7, 922, 018		
Rural territory, population.....	B 159a	22	do.....		54, 229, 675		
Rural population, total.....	B 160a	22	do.....		54, 229, 675		
Places of 1,000 to 2,500 inhabitants.....	B 161a	22	do.....		4, 158		
Population.....	B 162a	22	do.....		6, 473, 315		
Places of under 1,000 inhabitants.....	B 163a	22	do.....		9, 649		
Population.....	B 164a	22	do.....		4, 031, 148		

¹ See text, p. 2, for description of old and new urban and rural definitions.

TABLE A.—HISTORICAL STATISTICS: 1949 TO 1951—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see: App. I, table B; 1951 and 1950 *Abstracts*, App. I, table B; and 1949 *Abstract*, table 1102. Figures for 1951 are generally preliminary; 1949 and 1950 figures are subject to revision. Also, see headnote, p. 940]

SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
POPULATION CHARACTERISTICS—Continued							
URBAN AND RURAL, DECEN- NIAL—continued							
Rural farm population ¹	B 167	18	Number		223,577,000		1920
Rural nonfarm population ¹	B 170		do		231,092,000		1920
FAMILIES							
Number of families.....	B 171		do		342,856,051		1790
Population per family.....	B 173		Percent		3.52		1790
INTERNAL MIGRATION							
MOVEMENT OF FARM POPULATION							
Farm population on Jan. 1.....	B 231		Thousands	27,776	(4)	(4)	1910
Change through natural in- crease.....	B 232		do	(4)	(4)	(4)	1920
Change through migration:							
Net farm-nonfarm migration.....	B 233		do	(4)	(4)	(4)	1920
Arrivals from nonfarm areas.....	B 234		do	(4)	(4)	(4)	1920
Departures for nonfarm areas.....	B 235		do	(4)	(4)	(4)	1920
CITIZENSHIP							
Population, 21 years old and over, total.....	B 244	21	Number		97,416,365		1920
Male.....	B 258	21	do		47,860,228		1890
Female.....	B 272	21	do		49,556,137		1920
IMMIGRATION							
IMMIGRANTS BY COUNTRY							
All countries.....	B 304	108	do	188,317	249,187	205,717	1820
Europe, total.....	B 305	108	do	129,592	199,115	149,545	1820
Northwestern Europe:							
Great Britain.....	B 306	108	do	21,149	12,755	14,898	1820
Ireland ⁸	B 307	108	do	8,678	5,842	3,144	1820
Scandinavia ⁹	B 308	108	do	6,665	5,661	5,502	1820
Other Northwestern ⁷	B 309	108	do	12,288	10,857	10,973	1820
Central Europe:							
Germany ⁸	B 310	108	do	55,284	128,592	87,755	1820
Poland.....	B 311	108	do	1,673	696	98	1820
Other Central ⁹	B 312	108	do	7,411	17,792	10,365	1861
Eastern Europe:							
U. S. S. R. and Baltic States ¹⁰	B 313		do	694	526	555	1820
Other Eastern ¹¹	B 314	108	do	246	277	223	1820
Southern Europe:							
Italy.....	B 315	108	do	11,695	12,454	8,958	1820
Other Southern ¹²	B 316		do	3,809	3,663	7,074	1820
Asia.....	B 317	108	do	6,438	3,779	3,921	1820
Turkey in Asia.....	B 318	108	do	40	13	3	1869
China.....	B 319	108	do	3,415	1,280	335	1820
Japan.....	B 320	108	do	529	100	271	1861
Other Asia.....	B 321	108	do	2,454	2,386	3,312	1820

¹ See text, p. 2, for new urban-rural definition.

² Estimates based on sample of 1950 Census returns.

³ Preliminary; based on returns from 1950 Census. For annual estimates, see table 46, p. 45.

⁴ Not available.

⁵ Comprises Eire and Northern Ireland.

⁶ Comprises Norway, Sweden, Denmark, and Iceland.

⁷ Comprises Netherlands, Belgium, Luxembourg, Switzerland, and France.

⁸ Austria in Other Central, beginning 1946.

⁹ Comprises Hungary, Czechoslovakia, and Yugoslavia; also Austria beginning with 1946.

¹⁰ Comprises U. S. S. R., Latvia, Estonia, Lithuania, and Finland.

¹¹ Comprises Rumania, Bulgaria, and Turkey in Europe.

¹² Comprises Spain, Portugal, Greece, and remainder of European countries.

TABLE A.—HISTORICAL STATISTICS: 1949 TO 1951—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see: App. I, table B; 1951 and 1950 *Abstracts*, App. I, table B; and 1949 *Abstract*, table 1102. Figures for 1951 are generally preliminary; 1949 and 1950 figures are subject to revision. Also, see headnote, p. 940]

SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
IMMIGRATION—Continued							
IMMIGRANTS BY COUNTRY—continued							
All countries—Continued							
America.....	B 322	108	Number.....	49,334	44,191	47,631	1820
Canada and Newfoundland.*	B 323	108	do.....	25,156	21,885	25,880	1820
Mexico.....	B 324	108	do.....	8,083	6,744	6,153	1820
Other America*.....	B 325	108	do.....	16,095	15,562	16,698	1820
Africa.....	B 326	108	do.....	995	849	845	1820
Australasia.....	B 327	108	do.....	776	517	527	1870
Australia and New Zealand.....	B 328	108	do.....	661	460	490	1870
Other Pacific Islands.....	B 329	108	do.....	115	57	37	1871
All other countries ¹	B 330	108	do.....	1,182	736	3,248	1820
AGE OF IMMIGRANTS							
Total immigrants.....	B 331	110	do.....	188,317	249,187	205,717	1820
Percent male.....	B 332	110	do.....	42.7	47.8	48.3	1820
Under 16 years.....	B 333	110	do.....	32,728	50,468	44,023	1918
16 to 44 years.....	B 334	110	do.....	123,340	152,358	121,823	1918
45 and over.....	B 335	110	do.....	32,249	46,361	39,871	1918
NATURALIZATION OF ALIENS							
Declarations filed.....	B 337	117	do.....	64,866	93,527	91,497	1907
Petitions filed.....	B 338	117	do.....	71,044	66,038	61,634	1907
Aliens naturalized.....	B 339	117	do.....	66,594	66,346	54,716	1907
By sex:							
Male.....	B 340	118	do.....	27,865	25,745	18,711	1923
Female.....	B 341	118	do.....	38,729	40,601	36,005	1923
By place of former allegiance:							
Northwestern Europe.....	B 342	118	do.....	20,782	20,260	17,069	1923
Central Europe.....	B 343	118	do.....	14,471	13,946	11,864	1923
Eastern Europe.....	B 344	118	do.....	5,244	4,300	3,485	1923
Southern Europe.....	B 345	118	do.....	11,716	12,200	8,503	1923
Asia.....	B 346	118	do.....	1,515	1,545	1,291	1923
Canada.....	B 347	118	do.....	5,347	5,882	5,872	1923
Other America.....	B 348	118	do.....	3,607	4,133	3,827	1924
All other.....	B 349	118	do.....	3,912	4,080	2,806	1923
NONIMMIGRANT ALIENS ADMITTED AND ALIENS DEPARTING							
Nonimmigrant aliens admitted.....	B 350	105	do.....	447,272	426,837	465,106	1906
Aliens departing:							
Nonemigrant.....	B 351	105	do.....	405,503	429,091	446,727	1908
Emigrant.....	B 352	105	do.....	24,586	27,598	26,174	1908
VITAL STATISTICS							
Continental population, mid-year. ^{2*}	C 1	8	Thousands.....	148,558	151,240	153,377	1900
COMPLETE EXPECTATION OF LIFE							
Continental United States (white population):							
At birth:							
Male.....	C 6	84	Years.....	65.9	(3)	(3)	1900
Female.....	C 7	84	do.....	71.5	(3)	(3)	1900
Age 20:							
Male.....	C 8	84	do.....	49.3	(3)	(3)	1900
Female.....	C 9	84	do.....	54.2	(3)	(3)	1900

¹ Includes Philippine Islands.

² Excludes armed forces overseas. Beginning 1947, same population base used for birth and death rates.

³ Not available.

TABLE A.—HISTORICAL STATISTICS: 1949 TO 1951—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see: App. I, table B; 1951 and 1950 *Abstracts*, App. I, table B; and 1949 *Abstract*, table 1102. Figures for 1951 are generally preliminary; 1949 and 1950 figures are subject to revision. Also, see headnote, p. 940]

SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
VITAL STATISTICS—Con.							
COMPLETE EXPECTATION OF LIFE—continued							
Continental United States (white population)—Con.							
Age 40:							
Male.....	C 10		Years.....	30.9	(¹)	(¹)	1900
Female.....	C 11		do.....	35.3	(¹)	(¹)	1900
Age 60:							
Male.....	C 12		do.....	15.5	(¹)	(¹)	1900
Female.....	C 13		do.....	18.3	(¹)	(¹)	1900
Massachusetts*	C 14-21 ²		do.....	(¹)	(¹)	(¹)	1789
BIRTH RATES							
By race:							
All races*.....	C 24	58	Rate.....	⁴ 24.0	^{4 5} 23.5	(¹)	1915
White.....	C 25	62	do.....	⁴ 23.2	(¹)	(¹)	1915
Nonwhite.....	C 26	62	do.....	⁴ 30.3	(¹)	(¹)	1915
By age of mother:							
15-44 years ⁶	C 27 ^a	64	Rate ⁷	⁴ 105.2	(¹)	(¹)	1918
10 to 14 years.....	C 28	64	Rate ⁸.....	.9	(¹)	(¹)	1918
15 to 19 years.....	C 29	64	do.....	81.5	(¹)	(¹)	1918
20 to 24 years*.....	C 30	64	do.....	194.6	(¹)	(¹)	1918
25 to 29 years*.....	C 31	64	do.....	162.9	(¹)	(¹)	1918
30 to 34 years*.....	C 32	64	do.....	99.5	(¹)	(¹)	1918
35 to 39 years*.....	C 33	64	do.....	52.6	(¹)	(¹)	1918
40 to 44 years*.....	C 34	64	do.....	14.8	(¹)	(¹)	1918
45 to 49 years.....	C 35	64	do.....	1.1	(¹)	(¹)	1918
Gross reproduction rates*.....	C 37	42	Rate.....	1,551	(¹)	(¹)	1918
Stillbirth ratios.....	C 38		Rate ⁹	¹⁰ 22.9	(¹)	(¹)	1922
DEATH RATES							
Infant mortality rates:							
Total.....	C 39	72	do.....	31.3	⁵ 29.2	(¹)	1915
White.....	C 40	79	do.....	28.9	(¹)	(¹)	1915
Nonwhite.....	C 41	79	do.....	47.3	(¹)	(¹)	1915
Maternal mortality rates:							
Total.....	C 42	72	do.....	.9	⁵ .7	(¹)	1915
White.....	C 43		do.....	.7	(¹)	(¹)	1915
Nonwhite.....	C 44		do.....	2.3	(¹)	(¹)	1915
By race and sex: ⁴							
All races.....	C 45	70	Rate ³	9.7	⁵ 9.6	(¹)	1900
White*.....	C 46	70	do.....	9.5	⁵ 9.5	(¹)	1900
Male.....	C 47	70	do.....	11.0	⁵ 10.9	(¹)	1900
Female.....	C 48	70	do.....	8.1	⁵ 8.1	(¹)	1900
Nonwhite*.....	C 49	70	do.....	11.1	⁵ 10.9	(¹)	1900
Male*.....	C 50	70	do.....	12.4	⁵ 12.3	(¹)	1900
Female*.....	C 51	70	do.....	9.9	⁵ 9.5	(¹)	1900
Age-adjusted death rates ⁴	C 52	71	do.....	8.8	(¹)	(¹)	1900
Massachusetts death rate ^{4*}	C 53		do.....	10.6	(¹)	(¹)	1865

¹ Not available.

² See revision table B, p. 1001.

³ Per 1,000 population.

⁴ Based on population excluding armed forces overseas.

⁵ Estimated.

⁶ Series C 27a is a new series and is a substitute for series C 27 (total) which has been discontinued. For data for years prior to 1949, see table 64, p. 62.

⁷ Per 1,000 female population, computed by relating total births (regardless of age of mother) to female population 15 to 44 years.

⁸ Per 1,000 female population.

⁹ Per 1,000 live births.

¹⁰ Represents all fetal deaths reported, regardless of stated period of gestation.

TABLE A.—HISTORICAL STATISTICS: 1949 to 1951—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see: App. I, table B; 1951 and 1950 *Abstracts*, App. I, table B; and 1949 *Abstract*, table 1102. Figures for 1951 are generally preliminary; 1949 and 1950 figures are subject to revision. Also, see headnote, p. 940]

SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
VITAL STATISTICS—Con.							
DEATH RATES—continued							
By selected causes, death registration States:							
Tuberculosis (all forms)*	C 56	76	Rate ¹	226.3	(3)	(3)	1900
Diseases of the heart*	C 57	76	do.	2349.1	(3)	(3)	1900
Pneumonia and influenza*	C 58	76	do.	30.0	(3)	(3)	1900
Cancer and other malignant tumors*	C 59	76	do.	138.9	(3)	(3)	1900
Diphtheria	C 60	76	do.	2.4	(3)	(3)	1900
Typhoid and paratyphoid fever.	C 61	76	do.	14.1	(3)	(3)	1900
By selected causes, Massachusetts:							
Respiratory tuberculosis*	C 62		do.	22.4	(3)	(3)	1861
Diphtheria	C 63		do.	2.9	(3)	(3)	1861
Typhoid and paratyphoid fever.*	C 64		do.	14.1	(3)	(3)	1861
By age:							
All ages	C 65	71	Rate ⁵	9.7	9.6	(3)	1900
Under 1 year*	C 66	71	do.	34.1	31.8	(3)	1900
1 to 4 years	C 67	71	do.	1.5	1.8	(3)	1900
5 to 14 years	C 68	71	do.	.6	.8	(3)	1900
15 to 24 years*	C 69	71	do.	1.3	1.3	(3)	1900
25 to 34 years	C 70	71	do.	1.9	1.8	(3)	1900
35 to 44 years	C 71	71	do.	3.8	3.7	(3)	1900
45 to 54 years	C 72	71	do.	8.7	8.4	(3)	1900
55 to 64 years	C 73	71	do.	18.9	18.6	(3)	1900
65 to 74 years*	C 74	71	do.	43.5	43.3	(3)	1900
75 to 84 years	C 75	71	do.	94.5	95.9	(3)	1900
85 years and over	C 76	71	do.	242.0	242.9	(3)	1900
MARRIAGE AND DIVORCE RATES							
Marriage rate*	C 77	58	do.	10.6	11.0	(3)	1867
Divorce rate	C 78	58	do.	2.7	2.5	(3)	1867
HEALTH							
PHYSICIANS AND DENTISTS, AND MEDICAL AND DENTAL SCHOOLS							
Physicians	C 79	98	Number	201,277	209,040	(3)	1850
Medical schools:							
Number	C 80	98	do.	79	79	79	1880
Graduates*	C 81	98	do.	5,004	5,553	6,135	1880
Dentists	C 82	98	do.	(3)	86,876	(3)	1810
Dental schools:							
Number	C 83	98	do.	41	42	42	1840
Graduates	C 84	98	do.	1,574	2,565	(3)	1841
SELECTED REPORTABLE DISEASES							
Number States reporting	C 85		do.	48	48	(3)	1912
Diphtheria*	C 86		Rate ¹	5.4	3.8	(3)	1912
Smallpox	C 87		do.	.0	.0	(3)	1912
Typhoid and paratyphoid fever	C 88		do.	2.8	11.7	(3)	1912
Scarlet fever*	C 89		do.	50.4	42.6	(3)	1912
Polioomyelitis*	C 90		do.	28.3	22.0	(3)	1912
Whooping cough*	C 91		do.	46.8	79.8	(3)	1922

¹ Per 100,000 population excluding armed forces overseas.

² Deaths classified by Sixth Revisions of the International Lists. See table 76, p. 72.

³ Not available.

⁴ Typhoid fever only.

⁵ Per 1,000 population excluding armed forces overseas.

⁶ Estimated.

⁷ Includes cases reported as salmonella infection.

⁸ Includes streptococcal sore throat.

TABLE A.—HISTORICAL STATISTICS: 1949 TO 1951—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see: App. I, table B; 1951 and 1950 *Abstracts*, App. I, table B; and 1949 *Abstract*, table 1102. Figures for 1951 are generally preliminary; 1949 and 1950 figures are subject to revision. Also, see headnote, p. 940]

SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
HEALTH—Continued							
HOSPITAL FACILITIES							
By type of service:							
Total:							
Hospitals.....	C 92	87	Number.....	6,572	6,430	(1)	1909
Beds.....	C 93	87	do.....	1,439,030	1,456,912	(1)	1909
General:							
Hospitals.....	C 94	87	do.....	4,761	4,713	(1)	1920
Beds.....	C 95	87	do.....	674,683	587,917	(1)	1920
Mental:							
Hospitals.....	C 96	87	do.....	606	579	(1)	1920
Beds.....	C 97	87	do.....	705,423	711,921	(1)	1920
Tuberculosis:							
Hospitals.....	C 98	87	do.....	444	431	(1)	1920
Beds.....	C 99	87	do.....	83,470	85,746	(1)	1920
All other:							
Hospitals.....	C 100	87	do.....	761	707	(1)	1920
Beds.....	C 101	87	do.....	75,454	71,328	(1)	1920
Beds per 1,000 population:							
Total.....	C 102	87	do.....	9.6	9.6	(1)	1909
General.....	C 103	87	do.....	3.9	3.9	(1)	1920
By ownership or control:							
Total:							
Hospitals.....	C 104	87	do.....	6,572	6,430	(1)	1923
Beds.....	C 105	87	do.....	1,439,030	1,456,912	(1)	1923
Governmental:							
Federal:							
Hospitals.....	C 106	87	do.....	361	355	(1)	1923
Beds.....	C 107	87	do.....	182,254	186,793	(1)	1923
State:							
Hospitals.....	C 108		do.....	573	552	(1)	1923
Beds.....	C 109		do.....	656,611	665,019	(1)	1923
Local:							
Hospitals.....	C 110		do.....	1,003	1,005	(1)	1923
Beds.....	C 111		do.....	186,290	185,229	(1)	1923
Nonprofit:							
Church:							
Hospitals.....	C 112		do.....	1,090	1,097	(1)	1923
Beds.....	C 113		do.....	146,315	150,078	(1)	1923
Other:							
Hospitals.....	C 114		do.....	2,067	2,072	(1)	1923
Beds.....	C 115		do.....	213,576	218,788	(1)	1923
Proprietary:							
Hospitals.....	C 116		do.....	1,478	1,349	(1)	1923
Beds.....	C 117		do.....	53,984	51,005	(1)	1923
U. S. PUBLIC HEALTH SERVICE							
Appropriations*.....	C 118		Dollars.....	166,224,717	370,816,398	(1)	1798
Expenditures*.....	C 119		do.....	134,154,536	202,458,221	(1)	1915
NUTRITION							
Food production index, volume.....	C 120		1935-39=100.....	138	140	141	1909
Food consumption index, per capita.....	C 121		do.....	111	111	113	1909
Nutrients available, per capita per day:							
Food energy*.....	C 122	100	Calories.....	3,230	3,280	3,280	1909
Calcium.....	C 123	100	Grams.....	1.05	1.06	1.07	1909
Vitamin A.....	C 124	100	Int. units.....	8,600	8,700	8,300	1909
Thiamine*.....	C 125	100	Mgs.....	1.90	1.92	1.94	1909
Ascorbic acid*.....	C 126	100	do.....	121	120	123	1909
Riboflavin*.....	C 127	100	do.....	2.34	2.34	2.36	1909

¹Not available.

TABLE A.—HISTORICAL STATISTICS: 1949 to 1951—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see: App. I, table B; 1951 and 1950 *Abstracts*, App. I, table B; and 1949 *Abstract*, table 1102. Figures for 1951 are generally preliminary; 1949 and 1950 figures are subject to revision. Also, see headnote, p. 940]

SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
NUTRITION—Continued							
APPARENT CIVILIAN PER CAPITA CONSUMPTION							
Meats (carcass weight)*	C 128	99	Pounds	143.9	143.7	141	1899
Beef and veal*	C 129	99	do.	72.2	70.9	65	1899
Pork, excluding lard*	C 130	99	do.	67.6	68.8	73	1899
Lamb and mutton*	C 131	99	do.	4.1	4.0	3	1899
Edible fats and oils*	C 132	99	do.	42.3	45.5	43.2	1912
Lard	C 133	99	do.	11.8	12.2	12.5	1899
Margarine (actual weight)	C 134	99	do.	5.7	6.1	6.7	1899
Fresh fruits*	C 135	99	do.	125.0	108.6	119.3	1909
Citrus*	C 136	99	do.	47.4	40.9	45.1	1908
Processed fruits:							
Canned fruits*	C 137	99	do.	18.2	20.9	19.7	1909
Canned fruit juice*	C 138	99	do.	15.4	13.7	15.5	1910
Dried fruit*	C 139	99	do.	4.6	4.3	4.6	1909
Vegetables:							
Fresh*	C 140	99	do.	249	253	251	1909
Canned*	C 141	99	do.	38.3	41.7	41.5	1909
Potatoes*	C 142	99	do.	108	103	104	1909
Sweet potatoes*	C 143	99	do.	14.3	14.7	10.1	1909
Dry beans*	C 144	99	do.	7.0	8.5	8.9	1909
Dairy products:							
Total milk for human consumption.*	C 145	99	do.	761	776	757	1924
Fluid milk and cream*	C 146	99	do.	384	385	395	1924
Condensed and evaporated milk*	C 147	99	do.	19.6	20.1	18.6	1899
Cheese*	C 148	99	do.	7.2	7.5	7.5	1849
Butter, farm and creamery*	C 149	99	do.	10.5	10.8	9.7	1849
Eggs, farm and nonfarm	C 150	99	Number	381	395	406	1909
Chicken and turkey (dressed weight)*	C 151	99	Pounds	29.7	32.0	35.2	1909
Sugar, cane and beet (refined)*	C 152	99	do.	94.9	95.5	95-98	1875
Wheat flour*	C 153	99	do.	135	133	133	1909
Peanuts, shelled*	C 154	99	do.	4.1	4.3	4.4	1920
Coffee (green bean basis)*	C 155	99	do.	18.6	16.1	16.6	1909
LABOR FORCE							
EMPLOYMENT STATUS							
Total labor force	D 11	207	Thousands	63,571	64,599	65,832	1940
Male	D 12	207	do.	45,524	45,919	46,524	1940
Female	D 13	207	do.	18,048	18,680	19,309	1940
Civilian labor force	D 14	207	do.	62,105	63,099	62,884	1940
Male	D 15	207	do.	44,075	44,442	43,612	1940
Female	D 16	207	do.	18,030	18,657	19,272	1940
Employed	D 17	207	do.	58,710	59,957	61,005	1940
Male	D 18	207	do.	41,660	42,287	42,490	1940
Female	D 19	207	do.	17,049	17,670	18,515	1940
Nonagricultural employment.	D 20	209	do.	50,684	52,450	53,951	1940
Male	D 21	209	do.	35,023	36,007	36,693	1940
Female	D 22	209	do.	15,661	16,443	17,258	1940
Agricultural employment	D 23	209	do.	8,026	7,507	7,054	1940
Male	D 24	209	do.	6,638	6,280	5,797	1940
Female	D 25	209	do.	1,388	1,227	1,257	1940
Unemployed	D 26	207	do.	3,395	3,142	3,179	1940
Male	D 27	207	do.	2,415	2,155	1,123	1940
Female	D 28	207	do.	981	987	756	1940
Not in labor force	D 29	207	do.	40,051	40,181	40,092	1940
Male	D 30	207	do.	8,354	8,322	8,440	1940
Female	D 31	207	do.	37,697	37,724	37,770	1940
SEX AND AGE							
Both sexes, 16 and over*	D 32	206	do.		159,168		1890
16 to 44 years*	D 33	206	do.		138,578		1890
45 to 64 years*	D 34	206	do.		17,708		1890
65 and over*	D 35	206	do.		12,881		1890

* Based on preliminary sample of 1950 Census returns.

TABLE A.—HISTORICAL STATISTICS: 1949 to 1951—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see: App. I, table B; 1951 and 1950 *Abstracts*, App. I, table B; and 1949 *Abstract*, table 1102. Figures for 1951 are generally preliminary; 1949 and 1950 figures are subject to revision. Also, see headnote, p. 940]

SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
LABOR FORCE—Continued							
SEX AND AGE—continued							
Male, 16 and over*.....	D 37	206	Thousands.....	-----	1 42,963	-----	1890
16 to 44 years*.....	D 38	206	do.....	-----	1 27,237	-----	1890
45 to 64 years*.....	D 39	206	do.....	-----	1 13,348	-----	1890
65 and over*.....	D 40	206	do.....	-----	1 2,378	-----	1890
Female, 16 and over*.....	D 42	206	do.....	-----	1 16,205	-----	1890
16 to 44 years*.....	D 43	206	do.....	-----	1 11,341	-----	1890
45 to 64 years*.....	D 44	206	do.....	-----	1 4,361	-----	1890
65 and over*.....	D 45	206	do.....	-----	1 503	-----	1890
HOURS, WAGES, AND EARNINGS							
PRODUCTION WORKERS IN MANUFACTURING							
Average hourly earnings*.....	D 117	225	Dollars.....	1.401	1.465	1.594	1909
Average weekly hours*.....	D 118	225	Number.....	39.2	40.5	40.7	1909
Average weekly earnings*.....	D 119	225	Dollars.....	54.92	59.33	64.88	1909
Index of pay rolls*.....	D 120	-----	1939 avg.=100	325.3	371.7	(2)	1919
BITUMINOUS COAL							
Average weekly earnings*.....	D 145	226	Dollars.....	63.28	70.35	77.86	1909
Average weekly hours.....	D 146	226	Number.....	32.6	35.0	35.2	1909
Average hourly earnings.....	D 147	226	Dollars.....	1.941	2.010	2.212	1909
CLASS I STEAM RAILROADS							
Average weekly earnings*.....	D 148	-----	do.....	61.73	\$ 63.20	\$ 69.78	1921
Average weekly hours.....	D 149	-----	Number.....	43.5	\$ 40.8	\$ 41.0	1921
Average hourly earnings*.....	D 150	-----	Dollars.....	1.419	\$ 1.549	\$ 1.702	1921
Straight-time average hourly earnings*.....	D 151	-----	do.....	1.390	1.156	(2)	1921
INDEXES OF UNION HOURLY WAGE RATES AND WEEKLY HOURS							
Building trades, all workers:							
Wage rate.....	D 152	-----	1939=100.....	170.3	177.8	(4)	1907
Weekly hours.....	D 153	-----	do.....	100.2	100.3	(4)	1907
Journeyman:							
Wage rate.....	D 154	-----	do.....	166.1	173.2	(4)	1907
Weekly hours.....	D 155	-----	do.....	101.1	101.2	(4)	1907
Helpers and laborers:							
Wage rate.....	D 156	-----	do.....	199.8	210.8	(4)	1907
Weekly hours.....	D 157	-----	do.....	97.3	97.3	(4)	1907
Printing trades, all printing:							
Wage rate.....	D 158	-----	do.....	190.9	194.0	(4)	1911
Weekly hours.....	D 159	-----	do.....	95.3	95.2	(4)	1911
Book and job:							
Wage rate.....	D 160	-----	do.....	190.5	194.9	(4)	1907
Weekly hours.....	D 161	-----	do.....	94.3	94.2	(4)	1907
Newspaper:							
Wage rate.....	D 162	-----	do.....	192.4	195.5	(4)	1907
Weekly hours.....	D 163	-----	do.....	97.3	97.1	(4)	1907
Building trades, all workers: 1							
Wage rate.....	D 152a	230	1947-49 avg.=100	106.1	110.7	117.8	-----
Weekly hours.....	D 153a	230	do.....	100.1	100.2	100.1	-----
Journeyman:							
Wage rate.....	D 154a	230	do.....	106.0	110.5	117.4	-----
Weekly hours.....	D 155a	230	do.....	100.1	100.2	100.1	-----
Helpers and laborers:							
Wage rate.....	D 156a	230	do.....	106.4	112.2	119.9	-----
Weekly hours.....	D 157a	230	do.....	100.0	100.0	99.9	-----

¹ Based on preliminary sample of 1950 Census returns. ² Not available.

³ Data relate to hourly rated employees reported by individual railroads (exclusive of switching and terminal companies). Includes any retroactive payments made.

⁴ Discontinued. See series D 152a-163a.

⁵ Series D 152a-157a (base, 1947-49=100) are new series replacing series D 152-157 (base, 1939=100). Comparable data for earlier years available from Bureau of Labor Statistics.

TABLE A.—HISTORICAL STATISTICS: 1949 TO 1951—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see: App. I, table B; 1951 and 1950 Abstracts, App. I, table B; and 1949 Abstract, table 1102. Figures for 1951 are generally preliminary; 1949 and 1950 figures are subject to revision. Also, see headnote, p. 940]

SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
HOURS, WAGES, AND EARNINGS—Con.							
INDEXES OF UNION HOURLY WAGE RATES AND WEEKLY HOURS—continued							
Printing trades, ¹ all printing:							
Wage rate.....	D 158a	230	1948-49 avg.=100.	² 105.7	107.9	112.4	-----
Weekly hours.....	D 159a	230	do.....	² 99.9	99.8	99.0	-----
Book and job:							
Wage rate.....	D 160a	230	do.....	² 105.7	108.2	112.1	-----
Weekly hours.....	D 161a	230	do.....	² 99.9	99.8	99.2	-----
Newspaper:							
Wage rate.....	D 162a	230	do.....	² 105.7	107.4	112.7	-----
Weekly hours.....	D 163a	230	do.....	² 99.7	99.5	95.4	-----
FARM WAGES³							
Per month:							
With board.....	D 172a	215	Dollars.....	99.00	99.00	113.00	-----
Without board.....	D 173a	215	do.....	121.00	121.00	137.00	-----
Per day:							
With board.....	D 174a	215	do.....	4.45	4.45	5.00	-----
Without board.....	D 175a	215	do.....	4.45	4.50	5.00	-----
Index numbers of composite farm wage rates.	D 176	215	1910-14=100.....	430	432	481	1866
PRODUCTIVITY INDEXES							
Output per man-hour:							
Railroad transportation.....	D 214	232	1930=100.....	131.5	149.9	(4)	1916
Mining*.....	D 215	232	do.....	108.6	117.4	(4)	1880
Electric light and power.....	D 216	232	do.....	(4)	(4)	(4)	1917
Output per worker in agriculture.*	D 217	232	do.....	133.9	131.0	(4)	1909
UNION MEMBERSHIP							
All unions, total membership.....	D 218	236	Thousands.....	14,000-16,000	14,000-16,000	(4)	1897
American Federation of Labor:							
Number of affiliated unions.....	D 219	236	Number.....	107	107	(4)	1897
Total membership.....	D 220	236	Thousands.....	7,241	7,143	(4)	1897
Congress of Industrial Organizations:							
Number of affiliated unions.*	D 221	236	Number.....	39	39	(4)	1937
Total membership.....	D 222	236	Thousands.....	(4)	(4)	(4)	1937
Independent or unaffiliated unions, total membership.	D 223	236	do.....	2,000-2,300	2,400-2,800	(4)	1897
WORK STOPPAGES							
WORK STOPPAGES AND MAN-DAYS IDLE							
Stoppages beginning in year:							
Number.....	D 224	237	Number.....	3,606	4,843	4,737	1881
Workers involved ⁴	D 225	237	Thousands.....	3,030	2,410	2,220	1881
Percent of employed wage earners.....	D 226	237	Percent.....	9.0	6.9	5.5	1890
Man-days idle:							
Number.....	D 227	237	Thousands.....	50,500	38,800	22,900	1927
Percent of estimated working time.....	D 228	237	Percent.....	.59	.44	.23	1927
Per worker involved.....	D 229	237	Number.....	16.7	16.1	10.3	1927

¹ Series D 158a-163a are new series replacing D 158-163. Comparable data for earlier years available from Bureau of Labor Statistics.

² Covers 18-month period from January 2, 1948 to July 1, 1949.

³ Series D 172a-175a are new series, substituted for series D 172-175 which have been discontinued.

⁴ Not available.

⁵ Includes duplication where same workers were involved in more than 1 stoppage during year.

TABLE A.—HISTORICAL STATISTICS: 1949 to 1951—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see: App. I, table B; 1951 and 1950 *Abstracts*, App. I, table B; and 1949 *Abstract*, table 1102. Figures for 1951 are generally preliminary; 1949 and 1950 figures are subject to revision. Also, see headnote, p. 940]

SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
WORK STOPPAGES—Continued							
MAJOR ISSUES AND AVERAGE DURATION							
Number of stoppages.....	D 230	238	Number.....	3,606	4,843	4,737	1881
Major issues:							
Wages and hours.....	D 231	238	do.....	1,682	2,559	2,102	1881
Union organization.....	D 232	238	do.....	781	919	888	1881
Other and not reported.....	D 233	238	do.....	1,143	1,365	1,747	1881
Average duration of stoppages.....	D 234	237	Days.....	22.5	19.2	17.4	1927
Workers involved ²	D 235	238	Thousands.....	3,030	2,410	2,220	1881
Major issues:							
Wages and hours.....	D 236	238	do.....	1,540	1,460	1,180	1881
Union organization.....	D 237	238	do.....	82	130	135	1881
Other and not reported.....	D 238	238	do.....	1,410	819	904	1881
AGRICULTURE—GENERAL STATISTICS							
FARM REAL ESTATE							
Number of farms*.....	E 1	693	do.....	5,590	³ 5,379	(1)	1850
Total value, selected items of farm property. ⁴ *	E 2	693	Mil. dols.....	103,026	101,728	117,372	1850
Farm land and buildings, total value.*	E 3	693	do.....	77,692	³ 75,820	86,517	1850
Average value per acre. ⁵ *	E 4	693	Dollars.....	67.27	³ 65.46	74.69	1850
Index of estimated value of farm real estate per acre. ⁶	E 5	693	1912-14=100.....	175	169	193	1912
Estimated number of farms changing ownership:							
Total, all classes.....	E 6	693	Rate ⁷	56.9	52.3	54.0	1926
Voluntary sales and trades.....	E 7	693	do.....	40.8	37.1	39.4	1926
Forced sales and related defaults.....	E 8	693	do.....	1.6	1.8	1.8	1926
Foreclosures of mortgages, etc.....	E 9	693	do.....	1.2	1.4	1.5	1926
Delinquent taxes.....	E 10	693	do.....	.4	.4	.3	1926
Other transfers.....	E 11	693	do.....	14.5	13.4	12.8	1926
Percentage of voluntary sales and trades:							
Purchased by local residents.....	E 12	693	Percent.....	80	79	76	1928
Purchased for operation.....	E 13	693	do.....	80	80	76	1928
Occupation of purchaser:							
Active farmer.....	E 14	693	do.....	67	67	63	1928
Retired farmer.....	E 15	693	do.....	5	5	5	1928
Other occupation.....	E 16	693	do.....	28	28	32	1928
FARM TENURE							
Number of farms, by tenure of operator:							
Total farms.....	E 19	695	Number.....		5,382,162		1890
Full-owner farms.....	E 20	701	do.....		3,089,583		
Part-owner farms.....	E 21	701	do.....		824,923		1880
Manager farms.....	E 22	701	do.....		23,527		
Tenant farms.....	E 23	701	do.....		1,444,129		1880
Percent of total farms.....	E 24	701	Percent.....		26.8		1890
Land in farms by tenure of operator:							
All farms.....	E 31	695	1,000 acres.....		1,158,566		1900
Full owner.....	E 32	702	do.....		418,970		1900
Part owner.....	E 33	702	do.....		⁸ 422,395		1900
Managers.....	E 34	702	do.....		105,241		1900
All tenants.....	E 35	702	do.....		211,060		1900

¹ Not available.

² Includes duplication where same workers were involved in more than 1 stoppage during year.

³ Based on Census reports.

⁴ Revised to exclude value of crops held for sale previously included. Includes farm land and buildings, implements and machinery, livestock, poultry and turkeys.

⁵ Intercental years interpolated on basis of change shown in annual index as of Mar. 1. For explanation see *Current Developments of the Farm Real Estate Market*, March 1952.

⁶ As of Mar. 1.

⁷ Per 1,000 farms, years ending Mar. 15.

⁸ Of this acreage, the operator owned 226,338,000 acres.

TABLE A.—HISTORICAL STATISTICS: 1949 TO 1951—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see: App. I, table B; 1951 and 1950 *Abstracts*, App. I, table B; and 1949 *Abstract*, table 1102. Figures for 1951 are generally preliminary; 1949 and 1950 figures are subject to revision. Also, see headnote, p. 940]

SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
AGRIC.—GENERAL—Con.							
FARM TENURE—CON.							
Number of farms by color of operator:							
United States, total.....	E 43	704	Number.....		5,382,162		1900
White.....	E 44	704	do.....		4,801,243		1900
Nonwhite.....	E 45	704	do.....		580,919		1900
The South, total.....	E 46		do.....		2,652,423		1900
White.....	E 47		do.....		2,093,333		1900
Nonwhite.....	E 54		do.....		559,090		1900
FARM LABOR, EMPLOYMENT, WAGES, AND PRODUCTIVITY							
Employment:							
Total farm*.....	E 61	215	1,000 workers.....	10,756	10,351	10,022	1909
Family workers*.....	E 62	215	do.....	8,326	8,043	7,799	1909
Hired workers*.....	E 63	215	do.....	2,430	2,308	2,223	1909
Wage rates: ¹							
Index numbers, composite farm wage rates.	E 64	215	1910-14=100.....	430	432	481	1866
Per month:							
With board.....	E 65a	215	Dollars.....	99.00	99.00	113.00	-----
Without board.....	E 66a	215	do.....	121.00	121.00	137.00	-----
Per day:							
With board.....	E 67a	215	do.....	4.45	4.45	5.00	-----
Without board.....	E 68a	215	do.....	4.45	4.50	5.00	-----
Farmers' expenditures for hired labor.*	E 69		Mil. dols.....	2,949	2,858	(²)	1909
Productivity index numbers:							
Of production for sale and home consumption per worker.*	E 70		1935-39=100.....	153	155	(²)	1910
Of gross farm production per worker.	E 71		do.....	142	143	(²)	1910
Indexes of volume of prod.:							
Production for sale and home consumption.*	E 72	731	do.....	141	138	* 141	1909
Gross farm production.....	E 73	731	do.....	130	127	* 128	1910
Aggregate acreage, 62 crops:							
Planted or grown*.....	E 74	731	1,000 acres.....	364,775	353,318	362,332	1929
Harvested*.....	E 75	731	do.....	351,850	336,595	335,942	1909
FARM TAXES AND INSURANCE							
Taxes levied on farm property:							
On farm real estate.....	E 76	713	Mil. dols.....	699	735	(²)	1890
Amount per acre.....	E 77	713	Dollars.....	.61	.64	(²)	1890
Amount per \$100 of value.....	E 78	713	do.....	1.10	1.01	(²)	1909
On farm personal property.....	E 79	713	Mil. dols.....	124	130	(²)	1924
State automotive taxes paid by farmer:							
State motor vehicle licenses and permits.*	E 80	713	do.....	119	133	(²)	1910
State motor fuel taxes ⁴ *.....	E 81	713	do.....	156	169	(²)	1919
Farmers' mutual fire insurance:							
Companies*.....	E 82	713	Number.....	1,809	(²)	(²)	1914
Insurance in force at end of year.*	E 83	713	1,000 dols.....	22,433,995	25,493,000	(²)	1914
Cost per \$100 of insurance*.....	E 84	713	Cents.....	22.3	* 22.2	(²)	1914
Losses*.....	E 85	713	do.....	14.0	* 14.3	(²)	1914
Expenses*.....	E 86	713	do.....	8.3	* 7.9	(²)	1914
Surplus and reserves at end of year.*	E 87	713	1,000 dols.....	110,948	* 139,232	(²)	1935

¹ Series E 65a-68a are new series, substituted for series E 65-68 which have been discontinued.

² Not available.

³ Estimated on basis of Dec. 1951 crop report.

⁴ Includes taxes on gasoline used in farm tractors.

⁵ Estimates based on sample of companies.

TABLE A.—HISTORICAL STATISTICS: 1949 to 1951—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see: App. I, table B; 1951 and 1950 *Abstracts*, App. I, table B; and 1949 *Abstract*, table 1102. Figures for 1951 are generally preliminary; 1949 and 1950 figures are subject to revision. Also, see headnote, p. 940]

SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
AGRIC.—GENERAL—Con.							
FARM INCOME, PRICES RECEIVED AND PAID							
Cash receipts from farm marketings, ^{1,2}	E 88	710	Mil. dols.-----	28, 197	29, 056	33, 078	1910
Crops ³ *	E 89	710	do-----	12, 586	12, 575	13, 182	1910*
Livestock ³ *	E 90	710	do-----	15, 426	16, 198	19, 609	1910
Farm income: ^{1,2}							
Gross farm income*	E 91	710	do-----	32, 001	32, 732	37, 404	1910
Total farm production expenses.*	E 92	710	do-----	18, 499	20, 024	22, 475	1910
Realized net income of farm operators.*	E 93	710	do-----	13, 502	12, 708	14, 029	1910
Net income to persons on farms from farming.*	E 94	710	do-----	14, 917	15, 404	18, 752	1910
Index numbers of prices received and paid by farmers, taxes, etc.:							
Prices received by farmers: ³							
All farm products.....	E 95a	710	1910-14=100.....	249	256	302	-----
Crops.....	E 96a	710	do-----	223	232	284	-----
Livestock and products.....	E 97a	710	do-----	272	278	335	-----
Prices paid by farmers:							
Living and production*.....	E 98	710	do-----	240	246	271	1910
Living*.....	E 99	710	do-----	243	246	268	1910
Production*.....	E 100	710	do-----	238	246	273	1910
Payable per acre:							
Interest payable*.....	E 101	710	do-----	76	82	90	1910
Taxes payable.....	E 102	710	do-----	275	296	311	1910
Prices paid, including interest, taxes and wages rates ⁴ *	E 103a	710	do-----	250	255	281	-----
Parity ratio*.....	E 104	710	do-----	100	100	107	1910
FARM MACHINERY AND EQUIPMENT AND FERTILIZER CONSUMPTION							
Farm machinery and equipment:							
Value of farm implements and machinery. ⁵ *	E 105	717	Mil. dols.-----	11, 625	14, 199	15, 449	1850
Tractors on farms, Jan. 1*.....	E 106	717	Thousands-----	3, 315	3, 619	3, 940	1910
Sales of farm equipment, machinery, and parts.*	E 107	717	Mil. dols.-----	1520.9	1564.9	(⁶)	1920
Farmers' expenditures for:							
Motor vehicles, machinery, and parts.*	E 108	717	do-----	3, 310	3, 580	(⁶)	1910
Motor vehicles*.....	E 109	717	do-----	1, 656	1, 859	(⁶)	1910
Machinery and equipment.*	E 110	717	do-----	1, 654	1, 721	(⁶)	1910
Commercial fertilizer:							
Consumed in United States. ³ *	E 111	-----	1,000 short tons.	17, 927	(⁶)	(⁶)	1850
Nutrients contained:							
Nitrogen (N)*.....	E 112	-----	do-----	911	(⁶)	(⁶)	1850
Phosphoric acid (P ₂ O ₅)*.....	E 113	-----	do-----	1, 884	(⁶)	(⁶)	1850
Potash (K ₂ O)*.....	E 114	-----	do-----	1, 064	(⁶)	(⁶)	1850
Farmers' expenditures for fertilizer and lime.*	E 115	-----	Mil. dols.-----	782	821	(⁶)	1909
Lime consumed on farms*.....	E 116	-----	1,000 short tons.	26, 301	26, 536	(⁶)	1909

¹ Includes Government payments.

² Revised data. For revised annual figures, 1910-47, see Department of Agriculture, Bureau of Agricultural Economics, *The Farm Income Situation*, July-Sept. 1951, issue.

³ Series E 95a-97a are new series, substituted for series E 95-97 (computed to base August 1909-July 1914) which have been discontinued.

⁴ Series E 103a is a new series and is a substitute for series E 103 (prices paid, including interest and taxes) which has been discontinued.

⁵ Includes autos for family use as well as production, and excludes harness and saddlery.

⁶ Not available.

⁷ Excludes autos for family use.

⁸ Includes Hawaii and Puerto Rico. Calendar year.

⁹ Excludes Territories. Calendar year.

TABLE A.—HISTORICAL STATISTICS: 1949 TO 1951—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see: App. I, table B; 1951 and 1950 Abstracts, App. I, table B; and 1949 Abstract, table 1102. Figures for 1951 are generally preliminary; 1949 and 1950 figures are subject to revision. Also, see headnote, p. 940]

SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
LIVESTOCK							
NUMBER, VALUE, PRODUCTION, AND PRICES							
Number on farms and value per head:							
All cattle:							
Number *.....	E 117	776	1,000 head.....	76,830	77,963	82,025	1867
Value per head *.....	E 118	776	Dollars.....	135.00	124.00	160.00	1867
Hogs:							
Number *.....	E 119	776	1,000 head.....	56,257	58,852	62,852	1867
Value per head *.....	E 120	776	Dollars.....	38.30	27.20	33.30	1867
Stock sheep:							
Number *.....	E 121	776	1,000 head.....	26,940	26,182	27,253	1867
Value per head.....	E 122	776	Dollars.....	17.00	17.80	26.50	1867
Horses:							
Number *.....	E 123	776	1,000 head.....	6,096	5,548	4,993	1867
Value per head *.....	E 124	776	Dollars.....	52.50	46.00	43.50	1867
Mules:							
Number *.....	E 125	776	1,000 head.....	2,402	2,233	2,074	1867
Value per head.....	E 126	776	Dollars.....	116.00	99.10	81.60	1867
Liveweight production and annual average price received by farmers, per 100 pounds:							
All cattle:							
Production.....	E 127	776	1,000 lbs.....	19,352,254	20,586,063	(1)	1909
Price, beef cattle.....	E 128	776	Dollars.....	10.80	23.20	(1)	1910
Price, veal calves.....	E 129	776	do.....	22.70	26.40	(1)	1910
Hogs:							
Production*.....	E 130	776	1,000 lbs.....	20,189,972	20,927,116	(1)	1909
Price per 100 lbs.....	E 131	776	Dollars.....	18.10	18.00	(1)	1909
Sheep:							
Production.....	E 132	776	1,000 lbs.....	1,309,602	1,362,451	(1)	1909
Price, sheep.....	E 133	776	Dollars.....	9.31	11.50	(1)	1910
Price, lambs.....	E 134	776	do.....	22.40	25.10	(1)	1910
Total workstock 2 years old and over on farms.*	E 135	-----	1,000 head.....	8,074	7,415	6,763	1920
MEAT							
SLAUGHTERING, PRODUCTION, AND PRICE							
Beef:							
Cattle slaughtered.....	E 136	778	do.....	18,789	18,642	(1)	1900
Under Federal inspection.....	E 137	778	do.....	13,222	13,103	(1)	1900
Production, dressed weight*.....	E 138	778	Mil. lbs.....	9,448	9,543	(1)	1899
Price of beef steers per cwt.....	E 139	778	Dollars.....	25.80	29.35	35.72	1899
Veal:							
Calves slaughtered.....	E 140	778	1,000 head.....	11,345	10,435	(1)	1900
Under Federal inspection.....	E 141	778	do.....	6,449	5,850	(1)	1900
Production, dressed weight.....	E 142	778	Mil. lbs.....	1,322	1,216	(1)	1899
Price of veal calves per cwt.....	E 143	778	Dollars.....	27.64	31.08	37.19	1901
Pork:							
Hogs slaughtered.....	E 144	778	1,000 head.....	75,293	79,488	(1)	1900
Under Federal inspection.....	E 145	778	do.....	53,032	56,904	(1)	1900
Production, dressed weight.....	E 146	778	Mil. lbs.....	10,333	10,751	(1)	1899
Price of hogs per cwt.....	E 147	778	Dollars.....	18.12	18.20	20.12	1899
Lamb and mutton:							
Lambs and sheep slaughtered.....	E 148	778	1,000 head.....	13,872	13,294	(1)	1900
Under Federal inspection.....	E 149	778	do.....	12,136	11,739	(1)	1900
Production, dressed weight*.....	E 150	778	Mil. lbs.....	607	599	(1)	1899
Price of lambs per cwt.....	E 151	778	Dollars.....	25.54	27.54	34.31	1900
DAIRYING							
COWS KEPT FOR MILK ON FARMS AND MILK PRODUCED							
Cows and heifers 2 yrs. old and over kept for milk, Jan. 1.*	E 152	781	1,000 head.....	23,862	23,853	23,722	1850
Value per head.....	E 153	781	Dollars.....	193.00	177.00	218.00	1867
Milk produced on farms during year.*	E 154	781	Mil. lbs.....	116,103	116,602	115,591	1889

1 Not available.

TABLE A.—HISTORICAL STATISTICS: 1949 TO 1951—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see: App. I, table B; 1951 and 1950 *Abstracts*, App. I, table B; and 1949 *Abstract*, table 1102. Figures for 1951 are generally preliminary; 1949 and 1950 figures are subject to revision. Also, see headnote, p. 940]

SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest
DAIRYING—Con.							
MILK SOLD AND MANUFACTURED DAIRY PRODUCTS							
Whole milk sold from farms during year.*	E 155	781	Mil. lbs.-----	77,524	78,140	78,447	1869
Production of dairy products:							
Butter*-----	E 156	781	1,000 lbs.-----	1,694,171	1,657,640	(1)	1849
Factory-----	E 157	781	-----do-----	1,412,111	1,386,290	(1)	1879
Farm*-----	E 158	781	-----do-----	275,780	261,520	248,850	1840
Cheese, factory**	E 160	781	-----do-----	1,199,442	1,192,557	(1)	1869
Evaporated and condensed milk.*	E 161	781	-----do-----	3,106,712	3,205,307	(1)	1869
Ice cream*-----	E 162	781	1,000 gals.-----	557,929	555,984	(1)	1859
Milk equivalent of dairy products, based on State data net:†							
Factory*-----	E 164	781	Mil. lbs.-----	54,988	54,825	51,660	1930
Farm*-----				5,440	5,160	4,910	
WHOLESALE PRICES OF CHEESE AND BUTTER							
Cheese, American, twins, per lb.‡	E 165	781	Cents.-----	30.4	30.9	(1)	1879
Butter at New York, per lb.*	E 166	781	-----do-----	61.5	62.2	(1)	1830
PRICES RECEIVED BY FARMERS							
Butter, per pound*	E 167	781	-----do-----	58.0	56.8	60.8	1909
Butterfat in cream, per pound*	E 168	781	-----do-----	61.6	62.0	70.0	1909
Whole milk:							
Wholesale, per 100 lbs.*-----	E 169	781	Dollars-----	3.95	3.89	45.8	1910
Retail, per quart*-----	E 170	781	Cents.-----	18.6	18.5	19.9	1909
POULTRY							
Chickens:							
Number on farms, Jan. 1*-----	E 171	787	Thousands-----	430,876	456,549	442,657	1909
Value per head, Jan. 1-----	E 172	787	Dollars-----	1.66	1.36	1.46	1909
Number produced-----	E 173	787	Thousands-----	658,006	550,593	580,812	1909
Price per pound-----	E 174	787	Cents-----	25.7	22.3	25.2	1909
Eggs:							
Number produced (on farms).-----	E 175	787	Millions-----	56,629	58,734	59,356	1909
Price per dozen-----	E 176	787	Cents-----	45.2	36.3	47.8	1909
Turkeys:							
Number on farms, Jan. 1*-----	E 177	787	Thousands-----	4,622	5,124	5,091	1910
Value per head, Jan. 1*-----	E 178	787	Dollars-----	8.80	6.34	6.48	1929
Number produced-----	E 179	787	Thousands-----	41,980	43,533	52,013	1929
Price per pound*-----	E 180	787	Cents-----	35.1	32.8	37.4	1929
CROP STATISTICS							
Corn for all purposes:							
Acreage harvested*-----	E 181	741	1,000 acres-----	85,602	81,817	81,306	1866
Production*-----	E 182	741	1,000 bu-----	3,238,618	3,057,803	2,941,423	1839
Price per bushel, season average.*	E 183	741	Dollars-----	1.24	1.53	1.68	1908
Stocks on farms, Oct. 1-----	E 185	-----	1,000 bu-----	708,443	486,150	312,867	1926
All wheat for grain:							
Acreage harvested*-----	E 186	741	1,000 acres-----	75,910	61,610	61,424	1866
Production*-----	E 187	741	1,000 bu-----	1,098,415	1,019,389	987,474	1839
Price per bushel, season average.*	E 188	741	Dollars-----	1.88	2.00	2.12	1908
Stocks on farms, July 1-----	E 190	743	1,000 bu-----	67,172	67,907	72,638	1926

1 Not available.

2 Excludes American full-skim, cottage, pot, and bakers' cheese in thousands of pounds as follows: 1949, 1,251; 1950, not available. Figures for full skim were included in series E 159 and E 160 in *Historical Statistics*.

3 Includes milk equivalent of farm butter plus net milk equivalent of manufactured dairy products made in factories.

4 Beginning Sept. 1939 quoted as American Cheddar.

5 Prices received by farmers for butterfat.

TABLE A.—HISTORICAL STATISTICS: 1949 TO 1951—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see: App. I, table B; 1951 and 1950 Abstracts, App. I, table B; and 1949 Abstract, table 1102. Figures for 1951 are generally preliminary; 1949 and 1950 figures are subject to revision. Also, see headnote, p. 940]

SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
CROP STATISTICS—Con.							
Wheat in all off-farm positions, July 1:							
Total off farms*.....	E 191	743	1,000 bu.....	240,780	358,853	323,566	1926
Interior mills and elevators.....	E 192	743	do.....	76,424	129,522	89,129	1926
Terminals*.....	E 193	743	do.....	128,168	168,497	157,848	1926
Merchant mills.....	E 194	743	do.....	32,401	55,934	73,587	1926
C. C. C. bins.....	E 195	743	do.....	3,797	4,900	3,002	1941
Oats for grain:							
Acreage harvested*.....	E 196	741	1,000 acres.....	39,236	40,733	36,464	1866
Production*.....	E 197	741	1,000 bu.....	1,254,885	1,410,464	1,316,396	1839
Price per bushel, season average*.....	E 198	741	Dollars.....	.660	.791	.845	1908
Barley for grain:							
Acreage harvested*.....	E 200	741	1,000 acres.....	9,872	11,153	9,391	1866
Production*.....	E 201	741	1,000 bu.....	237,071	303,533	254,668	1839
Price per bushel, season average*.....	E 202	741	Dollars.....	1.04	1.18	1.24	1908
Flaxseed:							
Acreage harvested*.....	E 204	741	1,000 acres.....	5,048	4,090	3,904	1889
Production*.....	E 205	741	1,000 bu.....	42,976	40,236	33,802	1849
Price per bushel, season average*.....	E 206	741	Dollars.....	3.63	3.34	3.59	1908
Soybeans for beans:							
Acreage harvested*.....	E 208	741	1,000 acres.....	10,482	13,814	13,211	1924
Production*.....	E 209	741	1,000 bu.....	234,194	299,279	280,512	1924
Price per bushel, season average*.....	E 210	741	Dollars.....	2.16	2.47	2.75	1924
All hay:							
Acreage harvested*.....	E 211	741	1,000 acres.....	71,464	74,368	74,718	1909
Production*.....	E 213	741	1,000 tons.....	95,055	102,476	103,491	1909
Price per ton ² *.....	E 215	741	Dollars.....	21.30	21.40	22.50	1909
Cotton:							
Acreage harvested*.....	E 217	741	1,000 acres.....	27,439	17,843	26,698	1866
Production*.....	E 218	741	1,000 bales.....	16,128	10,012	15,290	1790
Average price per pound, season*.....	E 219	741	Cents.....	28.58	40.07	37.60	1908
Stocks, Aug. 1, running bales.....	E 221	---	1,000 bales.....	5,287	6,846	(?)	1906
Cottonseed:							
Production*.....	E 222	741	1,000 tons.....	6,550	4,105	6,186	1866
Average price per ton, season.....	E 223	---	Dollars.....	43.40	86.60	(?)	1909
FRUITS AND VEGETABLES							
Irish potatoes:							
Acreage harvested*.....	E 225	741	1,000 acres.....	1,750	1,696	1,353	1866
Production*.....	E 226	741	1,000 bu.....	402,353	429,896	325,708	1849
Average price per bushel*.....	E 227	741	Cents.....	129.0	91.6	153.0	1866
Sweet potatoes:							
Acreage harvested*.....	E 228	741	1,000 acres.....	472	492	308	1866
Production*.....	E 229	741	1,000 bu.....	45,008	49,825	28,278	1849
Average price per bushel*.....	E 230	741	Cents.....	215.0	173.0	283.0	1866
Apples:							
Commercial production*.....	E 232	761	1,000 bu.....	133,742	123,126	112,935	1934
Returns per bushel.....	E 233	761	Dollars.....	1.38	1.59	1.77	1909
Peaches:							
Production.....	E 234	761	1,000 bu.....	74,818	53,485	70,265	1889
Returns per bushel*.....	E 235	761	Dollars.....	1.54	2.11	2.05	1909
Pears:							
Production.....	E 236	761	1,000 bu.....	36,404	31,140	32,687	1889
Returns per bushel.....	E 237	761	Dollars.....	1.22	2.12	2.31	1919
Grapes:							
Production.....	E 238	761	1,000 tons.....	2,650	2,707	3,281	1899
Returns per ton*.....	E 239	761	Dollars.....	36.90	60.00	40.40	1924

¹ Includes Commodity Credit Corporation wheat in transit to ports and in Canadian elevators, as well as that in storage owned or controlled by CCC.

² Baled hay.

³ Not available.

⁴ Includes following quantities unharvested or not marketed and excluded in computing price and value (1,000 bushels): 1950, 1,235; 1951, 1,093.

⁵ Erroneously indicated "per bushel" in *Historical Statistics*.

TABLE A.—HISTORICAL STATISTICS: 1949 TO 1951—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see: App. I, table B; 1951 and 1950 Abstracts, App. I, table B; and 1949 Abstract, table 1102. Figures for 1951 are generally preliminary; 1949 and 1950 figures are subject to revision. Also, see headnote, p. 940]

SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
FRUITS—Continued							
Oranges (incl. tangerines):							
Production*	E 240	761	1,000 boxes-----	108,465	121,610	122,325	1909
Returns per box*	E 241	761	Dollars-----	2.14	1.64	(1)	1909
Grapefruit:							
Production*	E 242	761	1,000 boxes-----	36,500	46,580	40,600	1909
Returns per box	E 243	761	Dollars-----	1.82	1.02	(1)	1909
FARM CREDIT							
FARM-MORTGAGE DEBT, LOANS, AND INTEREST							
Farm-mortgage debt:							
Total debt outstanding, Jan. 1.....	E 244	481	1,000 dols-----	5,108,183	5,407,310	5,827,586	1910
Amounts, Jan. 1, held by:							
Federal land banks and FFMCO. ²	E 245	481	-----do-----	946,076	964,727	991,439	1918
Life insurance companies ²	E 246	481	-----do-----	1,035,719	1,172,157	1,340,705	1910
Commercial banks.....	E 247	481	-----do-----	847,841	879,416	943,387	1910
Joint-stock land banks ² *	E 248	481	-----do-----	462	270	-----	1918
Individuals and others.....	E 249	481	-----do-----	2,278,085	2,390,740	2,552,055	1910
Farm-mortgage loans closed by Federal land banks and FFMCO.	E 250	481	-----do-----	180,643	203,154	(1)	1917
Interest payable on farm mortgages:							
Interest rates:							
Mortgage loans recorded.....	E 252	481	Percent-----	² 4.7	(1)	(1)	1910
Mortgage loans outstanding, Jan. 1.....	E 253	481	-----do-----	4.6	4.6	4.7	*1910
Interest charges:							
Amount.....	E 254	481	1,000 dols-----	242,392	261,835	285,000	1910
Index of interest charges per acre.*	E 255	481	1919-14=100-----	76	82	90	1910
BANKRUPTCY CASES							
Filed by farmers*-----	E 256	-----	Number-----	232	290	205	1899
As percent of all cases*-----	E 257	-----	Percent-----	.9	.9	.6	1899
NONREAL-ESTATE AGRICULTURAL LOANS AND DISCOUNTS							
Commercial bank nonreal-estate agricultural loans outstanding, Jan. 1. ⁴	E 258	480	1,000 dols-----	2,861,174	3,052,339	2,906,115	1910
Emergency crop and feed loans:							
Made during year*-----	E 259	-----	-----do-----	(⁵)	(⁵)	(⁵)	1918
Outstanding, Jan. 1.*-----	E 260	-----	-----do-----	90,048	71,186	53,283	1922
Federal intermediate credit banks; loans to and discounts for--							
Private financing institutions:							
Made during year *-----	E 261	480	-----do-----	154,635	169,455	216,394	1923
Outstanding, Jan. 1.*-----	E 262	480	-----do-----	55,750	50,825	62,073	1924
Cooperative associations:							
Made during year.....	E 263	480	-----do-----	9,900	9,044	15,176	1923
Outstanding, Jan. 1.....	E 264	480	-----do-----	4,709	2,400	3,233	1924
Banks for cooperatives:							
Made during year.....	E 265	480	-----do-----	201,421	108,418	126,077	1935
Outstanding, Jan. 1.....	E 266	480	-----do-----	66,131	45,962	45,125	1936

¹ Not available.

² Includes purchase-money mortgages and sales contracts in addition to regular mortgages.

³ Average of rates on mortgages recorded during month of March only.

⁴ Includes loans guaranteed by Commodity Credit Corporation.

⁵ No new loans made after Oct. 31, 1946.

⁶ Also includes drought relief loans and orchard rehabilitation loans. For data including territories and possessions, see table 486, p. 421.

TABLE A.—HISTORICAL STATISTICS: 1949 TO 1951—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see: App. I, table B; 1951 and 1950 Abstracts, App. I, table B; and 1949 Abstract, table 1102. Figures for 1951 are generally preliminary; 1949 and 1950 figures are subject to revision. Also, see headnote, p. 940]

SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
FARM CREDIT—Continued							
INDEXES OF DEPOSITS OF COUNTRY BANKS							
Total deposits.....	E 267	-----	1924-29=100.....	413	426	442	1923
Demand deposits.....	E 268	-----	do.....	562	581	610	1923
Time deposits*.....	E 269	-----	do.....	212	217	223	1923
PUBLIC LANDS							
Estimated area of the public domain.....	F 7	192	1,000 acres.....	412, 000	412, 000	412, 000	1802
VACANT LANDS AND DISPOSAL OF PUBLIC LANDS¹							
Vacant public lands, June 30.....	F 8	201	Mil. acres.....	170	170	174	1904
Cash receipts of Bureau of Land Management.*	F 9	193	1,000 dols.....	37, 149	36, 177	49, 082	1881
All entries, selections, etc.: All original entries and selections.....	F 11	193	1,000 acres.....	134	142	121	1889
All final entries.....	F 12	193	do.....	116	150	198	1920
Patents and certifications.....	F 13	193	do.....	390	492	388	1920
Homestead entries, except on ceded Indian lands: Original entries: Number.....	F 14	193	Number.....	681	523	363	1863
Acresage*.....	F 15	193	1,000 acres.....	82	73	49	1880
Final entries ²	F 16	193	do.....	37	46	63	1868
NATIONAL PARK SYSTEM							
Area administered by National Park Service. ³	F 17	202	do.....	3 15, 897	3 16, 754	4 16, 630	1916
Visitors per travel year ⁴	F 18	202	1,000 visitors.....	3 31, 480	4 32, 387	4 36, 177	1916
LAND UTILIZATION							
LAND AND WATER AREA, BY TYPE							
Total area.....	F 25	-----	Mil. acres.....	-----	1, 934	-----	1850
Land.....	F 26	694	do.....	-----	7 1, 904	-----	1850
Inland water.....	F 27	-----	do.....	-----	30	-----	1850
Farm land, total.....	F 28	694	do.....	-----	1, 158	-----	1850
Crop land.....	F 29	694	do.....	-----	409	-----	1850
Farm pasture.....	F 30	694	do.....	-----	8 485	-----	1880
Farm woodland.....	F 31	694	do.....	-----	9 219	-----	1860
Other land in farms.....	F 32	694	do.....	-----	45	-----	1880
Nonfarm land, total.....	F 33	694	do.....	-----	746	-----	1850
Grazing land.....	F 34	694	do.....	-----	10 285	-----	1880
Forest land.....	F 35	694	do.....	-----	11 320	-----	1880
Other nonfarm land.....	F 36	694	do.....	-----	141	-----	1880
LAND OWNERSHIP, PUBLIC AND PRIVATE							
Total land area.....	F 37	694	do.....	-----	7 1, 904	-----	1920
Crop land.....	F 38	694	do.....	-----	409	-----	1920
Pasture and grazing land.....	F 39	694	do.....	-----	8 10 770	-----	1920
Forest and woodland.....	F 40	694	do.....	-----	9 539	-----	1920
Other land.....	F 41	694	do.....	-----	12 186	-----	1920

¹ Includes Alaska except in series F 8.

² Excludes data for Alaska and Hawaii.

³ Excludes recreational demonstration areas.

⁴ Includes approximately 69 million acres of cropland used only for pasture.

⁵ Includes an estimated 34 million acres of arid woodland and brush land pasture.

⁶ Includes approximately 90 to 100 million acres of woodland and other brush land grazed.

⁷ Largely commercial forest land.

⁸ Includes urban areas, farmsteads, parks (including forest land in parks), railroads, roads, and non-agricultural areas, such as sand dunes, rocks, and desert land.

⁹ Excludes commuted homesteads.

¹⁰ Excludes area in Alaska, Hawaii, and Puerto Rico.

¹¹ Travel year is Oct. 1-Sept. 30.

¹² Remeasured in 1950.

TABLE A.—HISTORICAL STATISTICS: 1949 TO 1951—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see: App. I, table B; 1951 and 1950 *Abstracts*, App. I, table B; and 1949 *Abstract*, table 1102. Figures for 1951 are generally preliminary; 1949 and 1950 figures are subject to revision. Also, see headnote, p. 940]

SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
LAND UTILIZATION—Con.							
LAND OWNERSHIP, PUBLIC AND PRIVATE—con.							
Public land, total.....	F 42		Mil. acres.....		568		1920
Cropland.....	F 43		do.....		17		1920
Pasture and grazing land.....	F 44		do.....		270		1920
Forest and woodland.....	F 45		do.....		186		1920
Other land.....	F 46		do.....		² 105		1920
Private land, total.....	F 47		do.....		1,336		1920
Cropland.....	F 48		do.....		402		1920
Pasture and grazing land.....	F 49		do.....		500		1920
Forest and woodland.....	F 50		do.....		353		1920
Other land.....	F 51		do.....		81		1920
DRAINAGE AND IRRIGATION							
Acres in drainage enterprises, U. S. total.....	F 52	681	1,000 acres.....		102,673		1920
Irrigation, 17 Western States and Arkansas and Louisiana:							
Acres irrigated.....	F 56	674	do.....		³ 26,249		1890
Farms with irrigated land:							
Number of farms.....	F 58		Number.....		⁴ 298,048		1890
Acres.....	F 59		1,000 acres.....		⁴ 171,333		1930
Irrigation, 29 humid States:							
Acres irrigated.....	F 60		do.....		⁵ 110		1899
Number of farms with irrigated land.....	F 61		Number.....		⁵ 7,012		1899
AGRICULTURAL LAND UTILIZATION PROGRAM, ETC.							
Total area managed ⁶	F 62		Acres.....	6,970,469	6,946,761	(?)	1935
Use of land managed:							
Grazing.....	F 63		do.....	6,386,159	6,336,917	(?)	1942
Annual crops.....	F 64		do.....	23,510	10,981	(?)	1942
Area transferred to State agencies with SCS maintaining custodial responsibility.....	F 68		do.....	361,591	364,807	(?)	1939
NATIONAL FORESTS							
AREAS AND PURCHASES ⁷							
National forest areas:							
Gross area.....	F 69	801	1,000 acres.....	229,175	229,341	229,258	1905
Part of gross area under Forest Service Administration.....	F 70	801	do.....	180,895	181,205	181,255	1905
National forest purchases (gross area approved for purchase):							
Acres.....	F 71	801	Number.....	60,719	61,078	25,317	1912
Average price per acre.....	F 72	801	Dollars.....	7.65	8.71	10.46	1912
Total price.....	F 73	801	1,000 dols.....	464	532	265	1912
GRAZING, ROADS AND TRAILS, AND VISITORS							
Number of livestock permitted to graze under pay permits:							
Cattle, horses, and swine.....	F 74	805	Thousands.....	1,126	1,092	1,088	1905
Sheep and goats.....	F 75	805	do.....	3,092	3,006	3,013	1905

¹ Comprised largely of Indian land and State school and other land.

² Includes parks (including forest land in parks) and other special use areas.

³ Includes 362,909 acres for Florida.

⁴ Includes Florida.

⁵ Excludes Florida.

⁶ Exclusive of custodial areas shown in series F 68.

⁷ Not available.

⁸ Includes Alaska and Puerto Rico.

TABLE A.—HISTORICAL STATISTICS: 1949 to 1951—Continued

[Asterisk (*) denotes series revised for earlier years; for revision, see: App. I, table B; 1951 and 1950 *Abstracts*, App. I, table B; and 1949 *Abstract*, table 1102. Figures for 1951 are generally preliminary; 1949 and 1950 figures are subject to revision. Also, see headnote, p. 940]

SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
NATIONAL FORESTS—Continued							
GRAZING, ROADS AND TRAILS, AND VISITORS—continued							
Roads and trails:							
Roads:							
Construction*-----	F 76	805	Miles-----	1 308	1 213	1 275	1924
Betterment ¹ *-----	F 77	805	do-----	1 539	1 240	1 230	1937
Trails, construction-----	F 78	805	do-----	158	828	800	1924
Expenditures, total*-----	F 79	805	1,000 dols-----	17,763	15,036	13,968	1924
Visits for utilization of recreation resources:							
Total users-----	F 80	805	1,000 visits-----	26,080	27,368	29,950	1924
Utilization of—							
Improved public recreation areas-----	F 81	805	do-----	13,209	12,941	17,988	1924
Other public recreation resources-----	F 82	805	do-----	12,871	14,427	11,962	1924
Visits by highways, roads, and water routes-----	F 83	805	do-----	54,537	56,797	65,454	1924
FOREST TREES PLANTED ON FARM LANDS²							
Total trees planted*-----	F 84	804	1,000 trees-----	102,903	136,592	201,875	1926
Costs:							
Total-----	F 85	804	1,000 dols-----	1,406	1,503	3,021	1926
Federal contribution-----	F 86	804	do-----	113	189	377	1926
State expenditure-----	F 87	804	do-----	1,293	1,314	2,644	1926
TIMBER CUT AND RECEIPTS							
Timber cut:							
Total:							
Volume-----	F 88	805	Mil. bd. ft-----	3,854	3,623	4,794	1905
Value-----	F 89	805	1,000 dols-----	29,163	31,140	48,227	1905
Commercial sales: ⁴							
Volume-----	F 90	805	Mil. bd. ft-----	3,380	3,195	4,422	1905
Value*-----	F 91	805	1,000 dols-----	26,928	29,084	46,583	1905
Land exchanges:							
Volume-----	F 94	805	Mil. bd. ft-----	360	307	266	1927
Value-----	F 95	805	1,000 dols-----	1,821	1,630	1,284	1927
Miscellaneous forest products, value,-----	F 96	805	do-----	224	211	178	1919
Free use:							
Volume-----	F 97	805	Mil. bd. ft-----	114	121	106	1908
Value*-----	F 98	805	1,000 dols-----	190	215	232	1908
Receipts from national forests:							
Total-----	F 99	805	do-----	31,076	33,595	56,147	1905
Timber use-----	F 100	805	do-----	26,927	29,379	51,099	1905
Grazing use-----	F 101	805	do-----	3,276	3,385	4,165	1906
Other use-----	F 102	805	do-----	873	831	883	1906
PAYMENTS TO STATES AND TERRITORIES							
Total ⁵ -----	F 103	805	do-----	7,780	8,415	14,081	1906
25 percent fund-----	F 104	805	do-----	7,719	8,343	13,974	1906
Arizona and New Mexico school fund-----	F 105	805	do-----	61	72	107	1910
ALLOTMENTS TO FOREST SERVICE							
Total-----	F 106	805	do-----	3,224	3,476	5,729	1926
Roads and trails-----	F 107	805	do-----	3,088	3,338	5,590	1912
Acquisition of lands-----	F 108	805	do-----	136	138	139	1936

¹ Excludes Forest Highway Construction.

² Designated as "Reconstruction" beginning 1950.

³ Fiscal year data.

⁴ Includes cost sales which were shown separately in *Historical Statistics* as Series F 92, F 93.

⁵ Includes free use not reducible to board feet. Value as follows: 1949, \$21,270; 1950, \$20,468; and 1951, \$20,081.

⁶ Excludes payments to State of Minn. representing $\frac{3}{4}$ of 1 percent of appraised value of national forest land in Cook, Lake, and St. Louis Counties. Payments to State of Minn.: 1949, \$43,548; 1950, \$43,548; and 1951, \$44,810.

TABLE A.—HISTORICAL STATISTICS: 1949 TO 1951—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see: App. I, table B; 1951 and 1950 *Abstracts*, App. I, table B; and 1949 *Abstract*, table 1102. Figures for 1951 are generally preliminary; 1949 and 1950 figures are subject to revision. Also, see headnote, p. 940]

SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
FOREST PRODUCTS							
LUMBER PRODUCTION							
Total*.....	F 109		1,000 feet, bd. measure.	32,175,601	37,951,739	(¹)	1799
Softwoods*.....	F 110		do.....	26,472,021	30,576,682	(¹)	1799
Hardwoods*.....	F 111		do.....	5,703,670	7,375,057	(¹)	1799
WOOD PRODUCTS TREATED WITH PRESERVATIVES							
Total*.....	F 123	819	Cubic feet.....	290,555,934	288,787,675	300,081,741	1909
Crossties.....	F 124	819	do.....	120,075,567	109,497,735	110,309,496	1909
Switch ties.....	F 125	819	do.....	10,862,532	8,973,669	10,487,928	1925
Piles.....	F 126	819	do.....	10,993,814	12,281,589	17,151,639	1909
Poles ²	F 127	819	do.....	106,158,730	109,470,258	103,057,222	1909
Wood blocks.....	F 128	819	do.....	2,265,396	2,583,648	4,834,636	1909
Cross arms.....	F 129	819	do.....	1,392,192	1,812,252	3,045,707	1909
Construction timbers.....	F 130	819	do.....	6,442,260	5,777,160	6,365,346	1909
Miscellaneous material.....	F 131	819	do.....	32,365,143	38,391,364	44,829,767	1909
PULPWOOD, WOOD PULP, PAPER AND PAPERBOARD							
Pulpwood consumption.....	F 132	816	Cords.....	19,945,440	23,627,217	26,575,934	1899
Wood-pulp production.....	F 133	816	Short tons.....	12,171,786	14,807,575	16,494,386	1899
Paper and paperboard: Production*.....	F 134	816	do.....	20,315,436	24,377,222	26,086,115	1899
Estimated total consumption or new supply. ^{3,4*}	F 135		do.....	24,706,169	28,934,823	(¹)	1899
Consumption per capita ^{4*}	F 136		Pounds.....	331.2	381.2	(¹)	1899
GUM AND WOOD NAVAL STORES PRODUCTION							
Turpentine (50 gal. bbls.): Total.....	F 137	822	Barrels.....	659,140	673,290	708,550	1898
From gum.....	F 138	822	do.....	324,330	323,010	271,880	1898
From wood.....	F 139	822	do.....	334,810	350,280	436,670	1911
Rosin (drums, 520 lbs. net): Total.....	F 140	822	Drums.....	2,076,110	2,023,510	2,137,030	1898
From gum.....	F 141	822	do.....	921,220	924,900	797,620	1898
From wood.....	F 142	822	do.....	1,154,890	1,098,610	1,339,410	1911
FOREST FIRES							
NUMBER AND AREA BURNED OVER							
Protected area:							
National forest lands:							
Fires.....	F 143		Number.....	7,737	6,823	(¹)	1909
Area burned over.....	F 144		1,000 acres.....	156	255	(¹)	1906
Other Federal lands: ⁵							
Fires*.....	F 145	809	Number.....	9,592	8,418	(¹)	1931
Area burned over*.....	F 146	809	1,000 acres.....	317	391	(¹)	1931
State and private lands: ⁶							
Fires*.....	F 147	809	Number.....	78,649	96,578	(¹)	1926
Area burned over*.....	F 148	809	1,000 acres.....	2,320	3,407	(¹)	1926
Unprotected area, State and private lands: ⁷							
Fires*.....	F 149	809	Number.....	105,533	103,404	(¹)	1926
Area burned over*.....	F 150	809	1,000 acres.....	12,760	11,720	(¹)	1926

¹ Not available.

² Includes both full-length pressure-treated poles and nonpressure (butt-treated) poles.

³ Production plus imports minus exports. Changes in inventory not taken into account.

⁴ Compiled by U. S. Pulp Producers Association.

⁵ Continental U. S. only. Includes National Forests, Interior, Soil Conservation Service, TVA, Public Domain, etc. ⁶ Includes Hawaii. ⁷ Based on State estimates.

TABLE A.—HISTORICAL STATISTICS: 1949 TO 1951—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see: App. I, table B; 1951 and 1950 *Abstracts*, App. I, table B; and 1949 *Abstract*, table 1102. Figures for 1951 are generally preliminary; 1949 and 1950 figures are subject to revision. Also, see headnote, p. 940]

SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
FOREST FIRES—							
Continued							
EXPENDITURES FOR CONTROL ON STATE AND PRIVATE LANDS¹							
Total*.....	F 151	810	Thous. dols.---	27,875	28,934	33,160	1912
Federal participation.....	F 152	810	do.....	8,572	8,551	8,998	1912
State expenditures*.....	F 153	810	do.....	17,201	18,121	21,885	1912
Private agencies*.....	F 154	810	do.....	2,102	2,262	2,279	1926
FISHERIES							
United States and Alaska:							
Total catch*.....	F 155	827	Mil. lbs.---	4,796	4,900	4,400	1929
Disposition:							
Fresh and frozen*.....	F 156	827	do.....	1,629	1,654	1,694	1929
Canned*.....	F 157	827	do.....	1,663	1,774	1,348	1929
Cured.....	F 158	827	do.....	100	100	100	1929
Byproducts and bait*.....	F 159	827	do.....	1,404	1,372	1,258	1929
United States:							
Total catch, haddock*.....	F 160	826	1,000 lbs.---	134,971	160,000	(?)	1880
New England States:							
Total catch*.....	F 166	824	do.....	999,976	(?)	(?)	1887
Haddock*.....	F 167	824	do.....	133,765	(?)	(?)	1887
Rose fish (ocean perch)*.....	F 168	824	do.....	236,987	(?)	(?)	1929
Herring, sea*.....	F 169	824	do.....	168,413	(?)	(?)	1887
Cod*.....	F 170	824	do.....	58,795	(?)	(?)	1887
Flounder*.....	F 171	824	do.....	66,847	(?)	(?)	1887
Lobster*.....	F 172	824	do.....	23,995	(?)	(?)	1887
Middle Atlantic States:							
Total catch*.....	F 173	824	do.....	520,976	(?)	(?)	1880
Oysters*.....	F 174	824	do.....	17,411	(?)	(?)	1880
Chesapeake Bay States:							
Total catch*.....	F 175	824	do.....	334,657	(?)	(?)	1880
Oysters.....	F 176	824	do.....	31,777	(?)	(?)	1880
Crabs.....	F 177	824	do.....	87,626	(?)	(?)	1890
Pacific coast States:							
Total catch: Quantity*.....	F 180	824	do.....	1,364,519	(?)	(?)	1888
Value*.....	F 181	824	1,000 dols.---	100,373	(?)	(?)	1888
Pilechard or sardine*.....	F 182	824	1,000 lbs.---	693,540	(?)	(?)	1892
Mackerel*.....	F 183	824	do.....	49,771	(?)	(?)	1892
Salmon*.....	F 184	824	do.....	95,859	(?)	(?)	1892
Tuna and tunalike fishes*.....	F 185	824	do.....	332,069	(?)	(?)	1892
Great Lakes and International lakes of northern Minnesota, total catch*.....							
	F 186	824	do.....	85,693	(?)	(?)	1885
Alaska:							
Total catch:							
Quantity.....	F 189	824	do.....	472,889	482,293	(?)	1927
Value.....	F 190	824	1,000 dols.---	30,209	31,372	(?)	1927
Salmon:							
Quantity.....	F 191	824	1,000 lbs.---	388,345	264,919	(?)	1927
Value.....	F 192	824	1,000 dols.---	32,662	22,637	(?)	1927
LANDINGS AT CERTAIN NEW ENGLAND PORTS							
Boston, fresh fish*.....	F 193	828	1,000 lbs.---	172,470	172,033	(?)	1893
Gloucester, fresh fish*.....	F 195	828	do.....	250,910	195,931	(?)	1893
Portland, fresh fish*.....	F 197	828	do.....	46,927	62,883	(?)	1916
PRODUCTION OF FROZEN FISH, UNITED STATES							
Quantity.....	F 199	832	do.....	285,822	287,190	325,504	1920
PRODUCTION OF CANNED FISH-ERY PRODUCTS							
Total:							
Standard cases*.....	F 200	830	Cases.....	25,650,122	(?)	(?)	1927
Value*.....	F 201	830	Dollars.....	295,503,906	330,363,000	(?)	1921
Salmon:							
Standard cases*.....	F 202	830	48-lb. cases.....	5,524,916	4,274,000	(?)	1921
Value*.....	F 203	830	Dollars.....	103,430,980	108,590,000	(?)	1921

¹ Includes Hawaii.² Not available.

TABLE A.—HISTORICAL STATISTICS: 1949 TO 1951—Continued

Asterisk (*) denotes series revised for earlier years; for revisions, see: App. I, table B; 1951 and 1950 *Abstracts*, App. I, table B; and 1949 *Abstract*, table 1102. Figures for 1951 are generally preliminary; 1949 and 1950 figures are subject to revision. Also, see headnote, p. 940]

SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
FISHERIES—Con.							
PRODUCTION OF CANNED FISHERY PRODUCTS—continued							
Pilchard (sardines):							
Standard cases*-----	F 204	830	45-lb. cases-----	3,768,212	6,404,000	(1)	1921
Value-----	F 205	830	Dollars-----	21,334,825	26,345,000	(1)	1921
Sardine (sea herring), Maine:							
Standard cases*-----	F 206	830	20.3-lb. cases-----	3,074,523	3,844,000	(1)	1921
Value*-----	F 207	830	Dollars-----	21,051,675	21,209,000	(1)	1921
Tuna and tunalike fishes:							
Standard cases-----	F 208	-----	Cases ² -----	7,290,320	(1)	(1)	1921
Value-----	F 209	830	Dollars-----	97,710,325	112,830,000	(1)	1921
Shellfish:							
Standard cases-----	F 210	-----	Cases ³ -----	2,597,889	(1)	(1)	1927
Value-----	F 211	-----	Dollars-----	31,373,939	(1)	(1)	1927
PRODUCTION OF FISH SCRAP AND MEAL, AND FISH AND MARINE OILS							
Fish scrap and meal: ⁴							
Tons*-----	F 212	-----	Short tons-----	237,180	239,713	(1)	1921
Value*-----	F 213	-----	Dollars-----	35,652,142	29,225,928	(1)	1921
Fish and marine oils:							
Gallons*-----	F 214	-----	U. S. Standard-----	17,694,887	17,472,709	(1)	1921
Value*-----	F 215	-----	Dollars-----	17,364,977	-----	(1)	1921
SPONGES, SALES AT TARPON SPRINGS SPONGE EXCHANGE							
Pounds sold-----	F 216	-----	Number-----	83,947	22,000	(1)	1913
Value-----	F 217	-----	Dollars-----	470,804	130,430	(1)	1913
PRIRILOF ISLANDS SEAL HERD							
Sealskins obtained-----	F 219	-----	Number-----	70,891	60,090	(1)	1910
MINERALS							
VALUE OF MINERAL PRODUCTS⁵							
All mineral products-----	G 1a	835	Mil. dols-----	10,580	11,855	(1)	-----
Metallic-----	G 2a	835	do-----	1,101	1,351	(1)	-----
Nonmetallic-----	G 3a	835	do-----	9,479	10,504	(1)	-----
Fuels ⁶ -----	G 4a	835	do-----	7,912	8,681	(1)	-----
Other-----	G 5a	835	do-----	1,567	1,823	(1)	-----
INDEXES OF MINERAL PRODUCTION (FEDERAL RESERVE)							
Total-----	G 6	840	1935-39 avg.=100-----	135	148	164	1919
Metals-----	G 7	840	do-----	107	125	134	1923
Fuels-----	G 8	840	do-----	139	152	169	1923
FUELS							
BITUMINOUS COAL AND ANTHRACITE PRODUCTION							
Bituminous:							
Production-----	G 13	846	1,000 short tons-----	437,868	516,311	(1)	1807
Value, total-----	G 14	846	1,000 dollars-----	2,136,871	2,500,374	(1)	1890
Average per ton-----	G 15	846	Dollars-----	4.88	4.84	(1)	1890
Anthracite (Pennsylvania):							
Production-----	G 16	846	1,000 short tons-----	42,702	44,077	(1)	1807
Value, total-----	G 17	846	1,000 dollars-----	358,008	392,398	(1)	1890
Average per ton-----	G 18	846	Dollars-----	8.38	8.90	(1)	1890

¹ Not available. ² Contains 21 lbs. of solid pack tuna or 18 lbs. of tuna flakes.

³ Contains largely 48 ten-ounce cans of varying net weights. ⁴ Excludes production of acid scrap.

⁵ Series G 1a-5a are new series, substituted for series G 1-5 which have been discontinued. For comparison of series, see table 835, p. 687.

⁶ Coal, natural gas, natural gas liquids, and petroleum.

⁷ Includes some "bootleg" coal purchased by legitimate operators and prepared at their breakers.

TABLE A.—HISTORICAL STATISTICS: 1949 TO 1951—Continued

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SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
FUELS—Continued							
BITUMINOUS COAL AND LIGNITE MINING							
Production.....	G 13a	846	1,000 net tons...	437,868	516,311	(¹)	1890
Men employed ²	G 19	846	Number.....	433,698	415,582	(¹)	1890
Number of mines.....	G 20	846	do.....	8,559	9,429	(¹)	1895
Calculated capacity:							
At 308 days.....	G 21	846	Mil. net tons...	850	(¹)	(¹)	1890
At 280 days.....	G 22	846	do.....	781	(¹) 790	(¹)	1890
At 261 days.....	G 23	846	do.....	728	(¹)	(¹)	1890
Average number of days worked.	G 24	846	Number.....	157	183	(¹)	1890
Net tons per man:							
Per day.....	G 27	846	Net tons.....	6.43	6.77	(¹)	1890
Per year.....	G 28	846	do.....	1,010	1,239	(¹)	1890
Percent of underground production:							
Out by machines.....	G 29	846	Percent.....	91.4	92.6	(¹)	1891
Mechanically loaded.....	G 30	846	do.....	67.0	69.4	(¹)	1923
Percent of total production:							
Mechanically cleaned.....	G 31	846	do.....	35.1	38.5	(¹)	1906
Mined by stripping.....	G 32	846	do.....	24.2	23.9	(¹)	1914
PENNSYLVANIA ANTHRACITE INDUSTRY							
Production ³	G 16a	846	1,000 net tons...	42,702	44,077	(¹)	1890
Foreign trade:							
Exports.....	G 33	846	Net tons.....	4,942,670	3,801,569	(¹)	1890
Imports.....	G 34	846	do.....		18,289	(¹)	1890
Consumption calculated.....	G 35	846	do.....	37,700,000	39,900,000	(¹)	1890
Employment:							
Average number of employees.	G 36	846	Number.....	75,377	72,624	(¹)	1890
Average number of days worked.	G 37	846	do.....	195	211	(¹)	1890
Output (average tons):							
Per man per day ⁴	G 38	846	Net tons.....	2.87	2.83	(¹)	1890
Per man per year.....	G 39	846	do.....	560	597	(¹)	1890
Operations:							
Out by machines.....	G 40	846	do.....	557,590	611,734	(¹)	1911
Produced by stripping.....	G 41	846	do.....	10,376,808	11,833,934	(¹)	1915
Loaded mechanically underground.	G 42	846	do.....	11,853,088	12,335,650	(¹)	1927
COKE INDUSTRY							
Production, total coke*.....	G 43	852	Mil. net tons...	63.6	72.7	(¹)	1880
Byproduct:							
Quantity.....	G 44	852	do.....	60.2	66.9	(¹)	1893
Percent of total.....	G 45	852	Percent.....	94.6	92.0	(¹)	1893
Beehive coke.....	G 46	852	Mil. net tons...	3.4	5.8	(¹)	1880
Number of ovens:							
Byproduct:							
In existence.....	G 47	852	Number.....	15,104	14,982	(¹)	1893
Under construction at end of year.	G 48	852	do.....	562	706	(¹)	1894
Beehive, in existence.....	G 49	852	do.....	13,662	17,708	(¹)	1880
Coal charged.....	G 50	852	Mil. net tons...	91.4	104.0	(¹)	1880
Yield of coke from coal.....	G 51	852	Percent.....	69.6	69.9	(¹)	1880
Average dollar value of coke per ton at plant.	G 52	852	Dollars.....	13.24	13.45	(¹)	1880
Total value at plant:							
Total coke and byproducts..	G 53	852	Mil. dols.....	1,111	1,279	(¹)	1880
Coke:							
Beehive.....	G 54	852	do.....	44	77	(¹)	1880
Byproduct.....	G 55	852	do.....	799	900	(¹)	1907
All byproducts.....	G 56	852	do.....	268	302	(¹)	1907

¹ Not available. ² Average number of men working daily.

³ Includes some "bootleg" coal purchased by legitimate operators and prepared at their breakers.

⁴ Calculated on legitimate tonnages only; "bootleg" purchased excluded.

TABLE A.—HISTORICAL STATISTICS: 1949 TO 1951—Continued

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SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
FUELS—Continued							
PETROLEUM PRODUCTION							
Quantity (42-gal. bbls.).....	G 57	857	1,000 bbls.....	1,841,940	1,973,574	2,244,520	1859
Value.....	G 58	857	1,000 dols.....	4,674,770	4,963,380	(¹)	1859
NATURAL GAS AND NATURAL GASOLINE PRODUCTION							
Natural gas (produced and delivered to consumer):							
Total ²	G 59	854	Mil. cu. ft.....	5,419,736	6,282,060	(¹)	1906
Value at points of consumption:							
Total ³	G 60	854	1,000 dols.....	344,034	408,521	(¹)	1906
Average per M cu. ft.....	G 61	854	Cents.....	6.3	6.5	(¹)	1906
Natural gasoline and allied products:							
Total produced, excluding L. P. G.....	G 62	855	1,000 gals.....	4,167,107	4,109,679	(¹)	1911
Value at plant, total.....	G 63	855	1,000 dols.....	303,136	321,832	(¹)	1911
Average per gallon.....	G 64	855	Cents.....	7.3	7.0	(¹)	1911
L. P. G., produced ⁴	G 62a	855	1,000 gals.....	2,430,506	4,72,282	(¹)	-----
Value at plant, total.....	G 63a	855	1,000 dols.....	99,054	97,773	(¹)	-----
Average per gallon*.....	G 64a	855	Cents.....	4.1	3.2	(¹)	-----
NONMETALS							
BUILDING MATERIALS PRODUCTION							
Hydraulic cement:							
Shipments.....	G 65	865	1,000 bbls.....	209,314	231,975	(¹)	1880
Value.....	G 66	865	1,000 dols.....	481,183	545,951	(¹)	1880
Gypsum:							
Crude gypsum mined.....	G 67	864	1,000 short tons.....	6,008	8,193	(¹)	1880
Value, finished products sold ⁵	G 68	864	1,000 dols.....	158,746	206,177	(¹)	1880
Lime:							
Sold by producers.....	G 69	867	1,000 short tons.....	6,318	7,478	(¹)	1880
Value.....	G 70	867	1,000 dols.....	69,319	83,248	(¹)	1880
Sand and gravel:							
Sold or used.....	G 71	868	1,000 short tons.....	319,104	370,455	(¹)	1902
Value.....	G 72	868	1,000 dols.....	248,443	295,040	(¹)	1902
Slate:							
Products sold or used.....	G 73	836	1,000 short tons.....	740	930	(¹)	1912
Value.....	G 74	836	1,000 dols.....	12,164	15,047	(¹)	1880
Stone:							
Sold or used by producers (approximate).....	G 75	870	1,000 short tons.....	224,027	252,113	(¹)	1916
Value.....	G 76	870	1,000 dols.....	341,442	390,582	(¹)	1880
CHEMICAL AND FERTILIZER MATERIALS AND MAGNESITE PRODUCTION							
Chemical materials:							
Barite:							
Sold or used by producers.....	G 77	836	1,000 short tons.....	717	695	(¹)	1880
Value.....	G 78	836	1,000 dols.....	5,642	6,194	(¹)	1880
Feldspar:							
Sold or used by producers.....	G 79	836	1,000 long tons.....	369	408	(¹)	1880
Value*.....	G 80	836	1,000 dols.....	2,278	2,558	(¹)	1880
Salt:							
Sold or used by producers.....	G 81	869	1,000 short tons.....	15,572	16,630	(¹)	1880
Value*.....	G 82	869	1,000 dols.....	53,626	59,911	(¹)	1880
Sulfur:							
Quantity.....	G 83	871	Long tons.....	4,745,014	5,192,184	(¹)	1880
Value*.....	G 84	871	1,000 dols.....	85,410	98,080	(¹)	1880
Pyrites:							
Quantity.....	G 85	871	Long tons.....	888,388	931,163	(¹)	1880
Value.....	G 86	871	1,000 dols.....	3,904	4,059	(¹)	1880

¹ Not available.

² Includes gas stored and lost in transmission.

³ Value at wells.

⁴ Thousands of 42-gallon barrels.

⁵ Liquefied petroleum gases; manufactured at natural gasoline plants.

⁶ Value of products made from domestic, imported, and byproduct crude gypsum.

TABLE A.—HISTORICAL STATISTICS: 1949 TO 1951—Continued

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SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
NONMETALS—Continued							
CHEMICAL AND FERTILIZER MATERIALS AND MAGNESITE PRODUCTION—continued							
Fertilizer materials:							
Potash:							
Sold by producers.....	G 87	836	1,000 short tons.....	1,121	1,275	(1)	1915
Value.....	G 88	836	1,000 dols.....	35,106	39,695	(1)	1915
Phosphate rock:							
Sold or used by producers.....	G 89	836	1,000 tons.....	8,987	10,254	(1)	1880
Value.....	G 90	836	1,000 dols.....	51,415	59,028	(1)	1880
Magnesite:							
Crude, mined.....	G 91	836	1,000 short tons.....	287	420	(1)	1892
Value.....	G 92	836	1,000 dols.....	1,950	3,091	(1)	1891
METALS, FERROUS							
Iron ore (usable ore):							
Production.....	G 93	872	1,000 long tons.....	84,937	98,045	(1)	1875
Shipments:							
Quantity.....	G 94	872	do.....	84,687	97,764	(1)	1914
Value.....	G 95	872	1,000 dols.....	351,516	487,990	(1)	1914
Pig iron:							
Production.....	G 96	-----	1,000 short tons.....	53,323	64,500	(1)	1810
Shipments:							
Quantity.....	G 97	-----	do.....	52,919	64,626	(1)	1910
Value.....	G 98	-----	1,000 dols.....	2,225,294	2,769,401	(1)	1910
Ferro-alloys:							
Production.....	G 99	-----	Tons.....	1,544,442	1,871,000	(1)	1910
Shipments:							
Quantity.....	G 100	-----	do.....	1,424,862	1,982,216	(1)	1915
Value.....	G 101	-----	1,000 dols.....	220,504	337,131	(1)	1910
METALS, NONFERROUS							
Mercury:							
Production.....	G 102	-----	Flasks.....	9,930	4,535	(1)	1850
Value.....	G 103	-----	1,000 dols.....	789	369	(1)	1850
(Series G 104-111 follow G 117)							
Copper:							
Smelter production.....	G 112	881	Short tons.....	757,931	911,352	(1)	1845
Value.....	G 113	881	1,000 dols.....	298,625	379,122	(1)	1880
Lead:							
Smelter production ²	G 114	884	Short tons.....	475,862	505,050	(1)	1801
Value ³	G 115	-----	1,000 dols.....	150,372	136,364	(1)	1880
Zinc: ⁴							
Smelter production.....	G 116	886	Short tons.....	814,782	843,467	(1)	1880
Value.....	G 117	886	1,000 dols.....	202,392	240,051	(1)	1880
METALS, FERRO-ALLOYING							
Manganese ore: ⁵							
Shipments.....	G 104	836	Net tons.....	126,135	134,451	(1)	1880
Value.....	G 105	836	1,000 dols.....	5,179	6,230	(1)	1906
Chromite:							
Shipments*.....	G 106	874	Long tons.....	387	361	(1)	1880
Value.....	G 107	874	1,000 dols.....	12	(*)	(1)	1880
Tungsten:							
Shipments*.....	G 108	876	Short tons.....	2,765	4,820	(1)	1900
Value*.....	G 109	876	1,000 dols.....	4,377	8,171	(1)	1900
Molybdenum:							
Shipments ⁷	G 110	836	1,000 lbs.....	23,280	44,544	(1)	1914
Value*.....	G 111	836	1,000 dols.....	19,332	37,729	(1)	1914

¹ Not available.

² Excludes refined lead produced from scrap and foreign base bullion.

³ Excludes payments of Office of Metal Reserve.

⁴ Primary slab zinc; excludes redistilled secondary zinc produced from domestic and foreign ores.

⁵ Containing 35 percent or more Mn.

⁶ Figures not available or Bureau of Mines not at liberty to publish.

⁷ Includes exports.

TABLE A.—HISTORICAL STATISTICS: 1949 to 1951—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see: App. I, table B; 1951 and 1950 *Abstracts*, App. I, table B; and 1949 *Abstract*, table 1102. Figures for 1951 are generally preliminary; 1949 and 1950 figures are subject to revision. Also, see headnote, p. 940]

SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
METALS, PRECIOUS							
Gold production: ¹							
Quantity-----	G 118	879	Fine oz.-----	1,991,783	2,394,231	(2)	1792
Value-----	G 119	879	Dollars-----	69,712,405	83,798,085	(2)	1845
Silver production: ¹							
Quantity*-----	G 120	879	Fine oz.-----	34,674,952	42,459,014	(2)	1834
Value*-----	G 121	879	Dollars-----	31,382,582	38,425,408	(2)	1845
Platinum group, production:							
Total-----	G 122	-----	Troy oz.-----	24,807	37,855	(2)	1921
Domestic placer and lode-----	G 123	-----	do-----	17,169	(3)	(2)	1880
Gold and copper refining-----	G 124	-----	do-----	7,638	15,509	(2)	1921
METALS, LIGHT							
Primary aluminum production:							
Quantity-----	G 125	889	1,000 lbs-----	1,206,924	1,437,244	(2)	1885
Value-----	G 126	889	1,000 dols-----	190,303	235,977	(2)	1885
Bauxite:							
Shipments ⁴ -----	G 127	888	Long tons-----	1,413,912	1,524,101	(2)	1889
Value-----	G 128	888	Dollars-----	7,036,387	7,372,603	(2)	1889
Primary magnesium:							
Sales-----	G 129	-----	1,000 lbs-----	25,954	40,740	(2)	1915
Value*-----	G 130	-----	1,000 dols-----	5,321	8,963	(2)	1915
EMPLOYMENT AND INJURIES							
ALL MINES, EXCEPT COAL MINES							
Men employed:							
Actual number*-----	G 131	845	Number-----	83,741	81,800	(2)	1911
Average days active*-----	G 132	845	do-----	256	274	(2)	1911
Killed:							
Total number*-----	G 133	845	do-----	79	107	(2)	1911
Per thousand 300-day workers*-----	G 134	845	do-----	1.11	1.43	(2)	1911
Injured:							
Total number*-----	G 135	845	do-----	8,065	7,950	(2)	1911
Per thousand 300-day workers*-----	G 136	845	do-----	113.01	106.41	(2)	1911
QUARRIES AND RELATED INDUSTRIES							
Men employed:							
Total number-----	G 137	845	do-----	82,209	83,000	(2)	1911
Average days of employment per man-----	G 138	845	do-----	275	273	(2)	1911
Man hours of employment*-----	G 139	845	do-----	182,258,333	183,660,000	(2)	1911
Killed:							
Total number-----	G 140	845	do-----	66	42	(2)	1911
Per million man-hours*-----	G 141	845	do-----	.36	.23	(2)	1911
Injured:							
Total number-----	G 142	845	do-----	4,826	4,660	(2)	1911
Per million man hours-----	G 143	845	do-----	26.48	25.37	(2)	1911
BITUMINOUS AND ANTHRACITE⁵							
Total number killed*-----	G 144	849	do-----	585	642	(2)	1911
Bituminous and anthracite:							
Per million tons mined*-----	G 145	849	do-----	1.22	1.15	(2)	1870
Per million man-hours*-----	G 146	849	do-----	0.91	0.90	(2)	1911
Per thousand 300-day workers*-----	G 147	849	do-----	2.13	2.09	(2)	1890
In bituminous mines:							
Per million tons mined*-----	G 148	849	do-----	1.13	1.07	(2)	1874
Per thousand employed*-----	G 149	849	do-----	1.21	1.37	(2)	1874
Per thousand 300-day workers*-----	G 150	849	do-----	2.19	2.19	(2)	1890
In anthracite mines:							
Per million tons mined*-----	G 151	849	do-----	2.11	2.09	(2)	1870
Per thousand employed*-----	G 152	849	do-----	1.20	1.23	(2)	1870
Per thousand 300-day workers*-----	G 153	849	do-----	1.83	1.63	(2)	1881

¹ Mine production; includes Alaska and excludes Puerto Rico.

² Not available.

³ Bureau of Mines not at liberty to publish.

⁴ Represent shipments of crude ore from mines.

⁵ Includes some "bootleg" coal purchased by legitimate operators and prepared at their breakers.

TABLE A.—HISTORICAL STATISTICS: 1949 to 1951—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see: App. I, table B; 1951 and 1950 Abstracts, App. I, table B; and 1949 Abstract, table 1102. Figures for 1951 are generally preliminary; 1949 and 1950 figures are subject to revision. Also, see headnote, p. 940]

SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
EMPLOYMENT AND INJURIES—Continued							
BITUMINOUS AND ANTHRACITE 1—continued							
Production:							
Quantity*.....	G 154	849	1,000 tons.....	478,920	560,388	(2)	1911
Tons per man-hour*.....	G 155	849	Tons.....	0.75	0.78	(2)	1911
Employment:							
Number of employees*.....	G 156	849	Number.....	485,306	476,800	(2)	1911
Active days*.....	G 157	849	do.....	170	193	(2)	1911
Man-hours 3*.....	G 158	849	Thousands.....	642,476	716,880	(2)	1911
POWER—ANNUAL SUPPLY							
Grand total energy (with water power at prevailing central station equivalent).4	G 160a	571	Tril. b. t. u.	31,503	35,413	(2)	-----
Water power (at prevailing central station equivalent).5	G 162	571	do.....	1,539	1,573	(2)	1899
Mineral fuels, total 4.....	G 163a	571	do.....	29,964	33,840	(2)	-----
Coal, total 4.....	G 164a	571	do.....	12,557	14,647	(2)	-----
Bituminous.....	G 165	571	do.....	11,472	13,527	(2)	1829
Pennsylvania anthracite.4	G 166a	571	do.....	1,085	1,120	(2)	-----
Petroleum and natural gas, total.4	G 167a	571	do.....	17,407	19,193	(2)	-----
Petroleum (total crude, including that refined):							
Domestic production 4.....	G 168a	571	do.....	10,683	11,438	(2)	-----
Imports 4.....	G 169a	571	do.....	897	1,002	(2)	-----
Natural gas (total production).	G 170	571	do.....	5,827	6,753	(2)	1879
POWER—ELECTRIC ENERGY							
PRODUCTION BY TYPE OF PRIME MOVER							
Total utility and industrial:							
Total*.....	G 171	573	Mil. kwh.....	345,066	388,674	(2)	1902
Hydro*.....	G 172	573	do.....	94,773	100,885	(2)	1912
Steam*.....	G 173	573	do.....	250,293	287,790	(2)	1912
Internal combustion*.....	G 174	583	do.....				
Electric utilities:							
Total.....	G 175	573	do.....	291,099	329,141	(2)	1902
Hydro.....	G 176	573	do.....	89,748	95,938	(2)	1912
Steam.....	G 177	573	do.....	197,878	229,543	(2)	1912
Internal combustion.....	G 178	573	do.....	3,473	3,660	(2)	1912
Industrial establishments:							
Total*.....	G 179	573	do.....	53,967	59,533	(2)	1902
Hydro*.....	G 180	573	do.....	5,025	4,946	(2)	1912
Steam*.....	G 181	573	do.....	48,942	54,587	(2)	1912
Internal combustion*.....	G 182	573	do.....				
PRODUCTION BY CLASS OF OWNERSHIP							
Total utility and industrial*.....	G 183	573	do.....	345,066	388,674	(2)	1902
Electric utilities:							
Total utilities.....	G 184	573	do.....	291,099	329,141	(2)	1902
Privately owned.....	G 185	573	do.....	233,112	266,860	(2)	1902
Publicly owned.....	G 186	573	do.....	57,987	62,281	(2)	1902
Municipal.....	G 187	573	do.....	13,410	15,244	(2)	1902
Federal.....	G 188	573	do.....	38,102	40,388	(2)	1920
Other.....	G 189	573	do.....	6,475	6,650	(2)	1920
Industrial establishments*.....	G 190	573	do.....	53,967	59,533	(2)	1902

1 Includes some "bootleg" coal purchased by legitimate operators and prepared at their breakers.

2 Not available. 3 Data on portal-to-portal basis.

4 Series G 160a, G 163a, G 164a, G 166a-169a are new series, substituted for series G 160, G 163, G 164, G 166-169, which have been discontinued. Unit heat values employed are: Anthracite, 12,700 B. t. u. per pound; bituminous coal and lignite, 13,100 B. t. u. per pound; natural gas, 1,075 B. t. u. per cubic foot; and petroleum, 5,800,000 B. t. u. per barrel.

5 Assuming average central station practice for each year.

TABLE A.—HISTORICAL STATISTICS: 1949 TO 1951—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see: App. I, table B; 1951 and 1950 *Abstracts*, App. I, table B; and 1949 *Abstract*, table 1102. Figures for 1951 are generally preliminary; 1949 and 1950 figures are subject to revision. Also, see headnote, p. 940]

SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
POWER—ELECTRIC ENERGY—Continued							
INDUSTRIAL USE							
Total*-----	G 191	-----	Mil. kwh-----	¹ 165,660	(²)	(²)	1902
Manufacturing*-----	G 192	-----	do-----	¹ 152,910	(²)	(²)	1902
Extracting*-----	G 193	-----	do-----	¹ 12,750	(²)	(²)	1902
CONSUMPTION OF FUELS BY ELECTRIC UTILITIES							
Net generation by fuel ³ -----	G 194	580	do-----	200,965	232,813	270,089	1920
Fuel consumed:							
Total coal and equivalent:							
Quantity-----	G 195	580	1,000 short tons.	124,574	138,421	154,423	1920
Pounds per kwh-----	G 196	580	Pounds-----	1.24	1.19	1.14	1920
Coal-----	G 197	580	1,000 short tons.	83,963	91,871	105,682	1920
Fuel oil-----	G 198	580	1,000 42-gal. bbls.	66,301	75,420	63,549	1920
Gas-----	G 199	580	Mil. cu. ft.-----	550,121	628,919	763,108	1920
POWER—GENERATING PLANTS							
Number of electric utility generating plants: ⁴							
Total-----	G 200	573	Number-----	3,888	3,867	(²)	1902
Hydro-----	G 201	573	do-----	1,465	1,458	(²)	1920
Steam-----	G 202	573	do-----	1,054	1,051	(²)	1920
Internal combustion-----	G 203	573	do-----	1,369	1,358	(²)	1920
POWER—INSTALLED GENERATING CAPACITY							
Production per kilowatt of installed electric utility generating capacity: ⁵	G 204	573	Kwh-----	4,613	4,776	(²)	1902
BY TYPE OF PRIME MOVER							
Total utility and industrial:							
Total*-----	G 205	573	1,000 kw-----	76,570	82,850	(²)	1902
Hydro*-----	G 206	573	do-----	17,662	18,675	(²)	1902
Steam*-----	G 207	573	do-----	56,472	61,494	(²)	1902
Internal combustion*-----	G 208	573	do-----	2,436	2,681	(²)	1902
Electric utilities:							
Total-----	G 209	573	do-----	63,100	68,919	(²)	1902
Hydro-----	G 210	573	do-----	16,654	17,675	(²)	1902
Steam-----	G 211	573	do-----	44,640	49,333	(²)	1902
Internal combustion-----	G 212	573	do-----	1,806	1,911	(²)	1902
Industrial establishments:							
Total*-----	G 213	573	do-----	13,470	13,931	(²)	1902
Hydro*-----	G 214	573	do-----	1,008	1,000	(²)	1902
Steam*-----	G 215	573	do-----	11,832	12,162	(²)	1902
Internal combustion*-----	G 216	573	do-----	630	770	(²)	1902
BY CLASS OF OWNERSHIP							
Total utility and industrial *-----	G 217	573	do-----	76,570	82,850	(²)	1902
Electric utilities:							
Total utilities-----	G 218	573	do-----	63,100	68,919	(²)	1902
Privately owned-----	G 219	573	do-----	50,484	55,176	(²)	1902
Publicly owned-----	G 220	573	do-----	12,616	13,743	(²)	1902
Municipal-----	G 221	573	do-----	4,727	4,970	(²)	1902
Federal-----	G 222	573	do-----	6,210	6,921	(²)	1920
Other-----	G 223	573	do-----	1,679	1,852	(²)	1920
Industrial establishments *-----	G 224	573	do-----	13,470	13,931	(²)	1902

¹ Preliminary. Based on industrial generation and utility sales data by class of service.

² Not available.

³ Excludes generation by wood and waste fuels.

⁴ Each prime mover type in combination plants counted separately.

⁵ Based on capacity in service at end of year.

TABLE A.—HISTORICAL STATISTICS: 1949 to 1951—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see: App. I, table B; 1951 and 1950 *Abstracts*, App. I, table B; and 1949 *Abstract*, table 1102. Figures for 1951 are generally preliminary; 1949 and 1950 figures are subject to revision. Also, see headnote, p. 940]

SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
POWER—ELECTRIC UTILITIES							
SALES TO ULTIMATE CONSUMERS							
Ultimate consumers:							
Number, December 31.....	G 225	577	Thousands.....	42,851	44,986	46,822	1902
Kilowatt-hours.....	G 226	577	Millions.....	248,542	280,539	318,168	1902
Revenues.....	G 227	577	1,000 dols.....	4,614,069	5,086,465	5,647,672	1902
Residential consumers:							
Number, December 31.....	G 228	577	Thousands.....	35,375	37,533	39,225	1912
Kilowatt-hours.....	G 229	577	Millions.....	58,139	67,030	77,024	1912
Revenues.....	G 230	577	1,000 dols.....	1,716,533	1,931,696	2,165,010	1912
Commercial and industrial consumers:							
Number, December 31.....	G 231	577	Thousands.....	5,523	5,701	5,775	1912
Kilowatt-hours.....	G 232	577	Millions.....	167,028	189,511	215,105	1912
Revenues.....	G 233	577	1,000 dols.....	2,491,424	2,738,735	3,034,194	1912
CONSTRUCTION EXPENDITURES							
ESTIMATES							
Total construction*.....	H 1	891	Mil. dols.....	30,889	36,618	38,893	1915
Total new construction*.....	H 2	891	do.....	22,584	27,902	29,863	1915
Total new private*.....	H 3	891	do.....	16,181	20,789	20,823	1915
Residential (excluding farm)*.....	H 4	891	do.....	8,267	12,600	10,915	1915
Nonresidential*.....	H 5	891	do.....	3,228	3,777	4,907	1915
Industrial*.....	H 6	891	do.....	972	1,062	1,975	1915
Warehouses, office buildings, etc. ¹ *.....	H 7	891	do.....	1,027	1,288	1,312	1920
Other*.....	H 8	891	do.....	1,229	1,427	1,620	1920
Farm construction*.....	H 9	891	do.....	1,292	1,170	1,250	1915
Railroads ² *.....	H 10	891	do.....	352	315	375	1915
Electric light and power, gas, and oil pipelines. ³ *.....	H 11	891	do.....	2,431	2,375	2,850	1915
Telephone and telegraph*.....	H 12	891	do.....	533	440	460	1915
All other private construction*.....	H 12a	891	do.....	78	112	66	-----
Total new public*.....	H 13	891	do.....	6,403	7,113	9,040	1915
Residential*.....	H 14	891	do.....	359	345	600	1918
Nonresidential*.....	H 15	891	do.....	2,068	2,402	3,318	1915
Industrial*.....	H 16	891	do.....	177	224	880	1933
Educational*.....	H 17	891	do.....	934	1,163	1,486	1920
Other*.....	H 18	891	do.....	957	1,015	952	1920
Military and naval*.....	H 19	891	do.....	137	177	1,045	1915
Highways, roads, and streets*.....	H 20	891	do.....	2,129	2,350	2,225	1915
Sewage disposal and water supply systems*.....	H 21	891	do.....	619	671	703	1915
Conservation and development*.....	H 22	891	do.....	793	886	860	1915
Other public*.....	H 23	891	do.....	298	282	289	1915
Maintenance and repairs*.....	H 25	891	do.....	8,305	8,716	9,000	1915
Total new construction, 1939 prices*.....	H 26	891	do.....	10,744	12,698	12,608	1915

¹ Commercial. Also, includes loft buildings, stores, restaurants, and garages. Excludes construction by privately owned public utilities.

² Excludes local transit.

³ Other public utilities. Includes local transit and construction with Rural Electrification Administration funds.

TABLE A.—HISTORICAL STATISTICS: 1949 TO 1951—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see: App. I, table B; 1951 and 1950 *Abstracts*, App. I, table B; and 1949 *Abstract*, table 1102. Figures for 1951 are generally preliminary; 1949 and 1950 figures are subject to revision. Also, see headnote, p. 940]

SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
CONSTRUCTION							
DWELLING UNITS ¹ STARTED IN NONFARM AREAS							
New dwelling units started ² *	H 40a	893	1,000 units	1,025	1,396	1,091	-----
By location: ²							
Urban*	H 41a	893	do	589	828	595	-----
Rural nonfarm*	H 42a	893	do	436	568	496	-----
By type: ²							
1-family*	H 43a	893	do	794	1,154	900	-----
2-family*	H 44a	893	do	37	45	40	-----
Multi-family	H 45a	893	do	194	197	151	-----
Construction cost of new units started ³	H 46a	-----	Mil. dols.	7,703.0	11,788.6	9,800.5	-----
CONTRACTS AWARDED (DODGE)							
Value of construction	H 51	896	1,000 dols.	10,359,250	14,501,055	15,751,131	1925
Residential building	H 52	896	do	4,239,386	6,741,028	6,205,388	1925
Nonresidential building	H 53	896	do	3,643,909	5,181,595	6,822,513	1925
Public works and utilities	H 54	896	do	2,475,955	2,578,432	2,723,230	1925
Floor space of buildings ⁴	H 55	896	1,000 sq. ft.	869,366	1,313,879	1,188,347	1925
Residential	H 56	896	do	520,477	828,140	684,512	1925
Nonresidential	H 57	896	do	343,661	483,336	470,118	1925
COST INDEXES							
Engineering News-Record, construction	H 64	902	1913=100	477	509	542	1913
Turner building, Eastern cities*	H 65	902	do	414	427	478	1913
Boeckh, residential construction (20-city average)	H 66	-----	1926-29=100	215	227	244	1910
I. C. C., railroad construction, total road	H 67	-----	1910-14=100	270	276	(⁵)	1910
Handy public utility construction: ⁶							
Gas plants	H 68	-----	1911=100	430	446	(⁵)	1911
Electric light and power plants*	H 69	-----	do	385	405	(⁵)	1911
Highway construction (composite mile)*	H 70	-----	1925-29=100	153	146	163	1922
Farm construction:							
Dwellings*	H 71	-----	1910-14=100	364	376	413	1910
Service buildings*	H 72	-----	do	332	342	379	1910
American Appraisal Company, buildings*	H 73	902	1913=100	490	500	532	1913
EMPLOYMENT							
Annual average number of persons employed by construction contractors ⁷ *	H 80a	-----	Thousands	2,156	2,318	(⁵)	1920

¹ Comprises substitute series for series H 40-46 for period beginning 1941 as shown in *Historical Statistics*. Whereas H 40a-46a exclude public temporary structures, series H 40-46 included such structures beginning 1941.

² Includes both private and public permanent units. Also includes prefabricated units. Excludes units in public temporary structures; also excludes conversions, dormitory accommodations, trailers, and military barracks. Estimates are based on building-permit records, which, beginning with 1945, have been adjusted for lapsed permits and for lag between permit issuance and start of construction. They are based also on reports of Federal construction contract awards and, beginning in 1946, on field surveys in nonpermit-issuing places.

³ Private construction costs are based on building permit valuation, adjusted for understatement of costs shown in permit applications. Public construction costs are based on contract values or estimated construction costs for individual projects.

⁴ Includes small amount of floor space reported for public works and utilities, not shown separately.

⁵ Not available.

⁶ Total construction and equipment. Average for 5 geographic divisions.

⁷ For payroll period ending nearest 15th of month and cover wage and salaried employees of private firms whose major activity is construction, but exclude self-employed construction workers, working proprietors, and force-account employees of nonconstruction firms and public agencies engaged in construction activities.

TABLE A.—HISTORICAL STATISTICS: 1949 TO 1951—Continued

Asterisk (*) denotes series revised for earlier years; for revisions, see: App. I, table B; 1951 and 1950 *Abstracts*, App. I, table B; and 1949 *Abstract*, table 1102. Figures for 1951 are generally preliminary; 1949 and 1950 figures are subject to revision. Also, see headnote, p. 940]

SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
HOUSING ¹							
OCCUPIED DWELLING UNITS OR HOUSEHOLDS, ² AND TENURE OR HOMES							
Total:							
Occupied dwelling units.....	H 89	910	Number	42, 107, 000	42, 520, 000	(*)	1890
Population: ⁴							
Number of persons.....	H 90	11	do	148, 639, 000	150, 697, 361	(*)	1890
Per occupied dwelling unit.....	H 91		do	3.53	3.54	(*)	1890
Tenure of homes:							
Occupied units reporting tenure.....	H 92	910	do		42, 520, 000		1890
Owner occupied.....	H 93	910	do		23, 383, 000		1890
Percent.....	H 94	910	Percent		55.0		1890
Tenant occupied.....	H 95	910	Number		19, 136, 000		1890
Percent.....	H 96	910	Percent		45.0		1890
Nonfarm:							
Occupied dwelling units.....	H 97	910	Number	35, 049, 000	36, 026, 000	(*)	1890
Population: ⁴							
Number of persons.....	H 98		do		127, 120, 000		1910
Per occupied dwelling unit.....	H 99		do		3.47		1910
Tenure of homes:							
Occupied units reporting tenure.....	H 100	910	do		36, 626, 000		1890
Owner occupied.....	H 101	910	do		19, 528, 000		1890
Percent.....	H 102	910	Percent		53.3		1890
Tenant occupied.....	H 103	910	Number		17, 098, 000		1890
Percent.....	H 104	910	Percent		46.7		1890
Farm: ⁵							
Occupied dwelling units.....	H 105	910	Number	7, 058, 000	5, 894, 000	(*)	1890
Population: ⁴							
Number of persons.....	H 106	18	do		23, 577, 000		1910
Per occupied dwelling unit.....	H 107		do		4.00		1910
Tenure of homes:							
Occupied units reporting tenure.....	H 108	910	do		5, 894, 000		1890
Owner occupied.....	H 109	910	do		3, 855, 000		1890
Percent.....	H 110	910	Percent		65.4		1890
Tenant occupied.....	H 111	910	Number		2, 039, 000		1890
Percent.....	H 112	910	Percent		34.6		1890
NONFARM HOUSING CREDIT							
MORTGAGE LOANS MADE ON 1-TO-4-FAMILY NONFARM HOMES							
Total*.....	H 113		Mil. dols.	11, 069	16, 008	(*)	1925
Savings and loan associations.....	H 114	473	do	3, 636	5, 237	5, 250	1925
Life Insurance companies.....	H 115		do	1, 093	1, 742	(*)	1925
Mutual savings banks*.....	H 116		do	990	1, 400	(*)	1925

¹ Data for 1949 are based on sample survey in April, conducted by Bureau of Census in connection with monthly Current Population Survey. Estimates are subject to a sampling variation that is large in relation to year-to-year changes presented, so that changes between successive years are not accurately reflected. Data for 1950 are based on preliminary sample from 1950 Census. Figures for nonfarm and farm units in 1950 not strictly comparable with figures for earlier years because of changes in procedure for determining farm residence. See text, p. 722.

² A "household," according to present usage of the Census Bureau, comprises all persons who occupy a dwelling unit, that is a house, an apartment or other group of rooms, or a room that constitutes "separate living quarters." Number of "occupied dwelling units" thus defined, is same as number of "private households" or "families" as the latter 2 terms were used in 1940 Census reports and in *Historical Statistics*.

³ Not available.

⁴ 1949 includes armed forces overseas; 1950 excludes armed forces overseas. 1950 total represents enumerated population as of Apr. 1; nonfarm and farm population figures based on a preliminary sample from 1950 Census of Population.

⁵ Nonfarm figures include, and farm figures exclude, small numbers of urban-farm dwelling units or households.

TABLE A.—HISTORICAL STATISTICS: 1949 TO 1951—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see: App. I, table B; 1951 and 1950 *Abstracts*, App. I, table B; and 1949 *Abstract*, table 1102. Figures for 1951 are generally preliminary; 1949 and 1950 figures are subject to revision. Also, see headnote, p. 940]

SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
NONFARM HOUSING CREDIT—Continued							
MORTGAGE LOANS MADE ON ONE-TO-FOUR-FAMILY NON-FARM HOMES—continued							
Total—Continued							
Commercial banks ¹ -----	H 117		Mill. dols.-----	2,236	3,429	(²)	1925
HOLC-----	H 118		do.-----	2	0	(²)	1933
Individuals and others ³ -----	H 119		do.-----	3,112	4,200	(²)	1925
MORTGAGE LOANS OUTSTANDING ON ONE-TO-FOUR-FAMILY NONFARM HOMES							
Total*-----	H 120	479	do.-----	39,108	46,930	(²)	1925
Savings and loan associations.	H 121	479	do.-----	11,616	13,714	(²)	1925
Life insurance companies-----	H 122	479	do.-----	5,970	8,392	(²)	1925
Mutual savings banks*-----	H 123	479	do.-----	3,190	3,850	(²)	1925
Commercial banks ¹ *-----	H 124	479	do.-----	7,941	9,464	(²)	1925
HOLC-----	H 125	479	do.-----	231	10	(²)	1933
Individuals and others ³ *-----	H 126	479	do.-----	10,160	11,500	(²)	1925
FORECLOSURES							
Number*-----	H 127		Number-----	17,635	21,537	18,141	1926
SAVINGS AND LOAN ASSOCIATIONS							
Number of associations*-----	H 128	473	do.-----	5,983	5,992	5,980	1920
Selected financial items:							
Total assets*-----	H 129	473	Mill. dols.-----	14,622	16,846	19,150	1920
Gross first mortgage loans*-----	H 130	473	do.-----	11,714	13,714	15,596	1922
First mortgage pledged shares.*-----	H 131	473	do.-----	98	92	81	1922
Private share capital*-----	H 132	473	do.-----	12,471	13,978	16,079	1920
Failures, building and loan associations:							
Number failed-----	H 133	476	Number-----	0	1	(²)	1920
Liabilities-----	H 134	476	1,000 dols.-----	0	50	(²)	1930
Estimated loss-----	H 135	476	do.-----	0	0	(²)	1920
MANUFACTURES—GENERAL STATISTICS							
Number of establishments*-----	J 1	914	Number-----	(²)	247,307	(²)	1849
Salaried officers and employees.*-----	J 3		do.-----	2,550,546	2,603,691	(²)	1899
Wage earners (average for year)*-----	J 4	914	do.-----	11,016,301	11,766,056	(²)	1849
Salaries and wages, total*-----	J 5	914	1,000 dols.-----	41,480,916	46,599,011	(²)	1899
Salaries*-----	J 6		do.-----	11,226,945	12,033,313	(²)	1899
Wages*-----	J 7	914	do.-----	30,253,971	34,565,698	(²)	1849
Value added by manufacture*-----	J 10	914	do.-----	75,366,527	89,675,779	(²)	1849
MANUFACTURING PRODUCTION INDEXES, FEDERAL RESERVE							
Total, manufactures*-----	J 30	916	1935-39 avg.=100-----	183	209	229	1919
Durable manufactures-----	J 31	916	do.-----	202	237	273	1919
Iron and steel-----	J 32	916	do.-----	188	229	259	1919
Machinery-----	J 33	916	do.-----	234	270	336	1923
Transportation equipment-----	J 34	916	do.-----	235	261	307	1923
Nonferrous metal and products-----	J 35	916	do.-----	160	206	207	1923
Lumber and products-----	J 36	916	do.-----	130	160	157	1923
Stone, clay, and glass products-----	J 37	916	do.-----	188	209	231	1919

¹ Excludes loans made by trust departments of commercial banks. ² Not available.

³ Includes fiduciaries, trust departments of commercial banks, real estate and bond companies, philanthropic and educational institutions, fraternal organizations, construction companies, Federal National Mortgage Association, Reconstruction Finance Corporation Mortgage Co., and others.

TABLE A.—HISTORICAL STATISTICS: 1949 TO 1951—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see: App. I, table B; 1951 and 1950 *Abstracts*, App. I, table B; and 1949 *Abstract*, table 1102. Figures for 1951 are generally preliminary; 1949 and 1950 figures are subject to revision. Also, see headnote, p. 940]

SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
MANUFACTURING PRODUCTION INDEXES, FEDERAL RESERVE—Continued							
Total, manufactures—Con. Nondurable manufactures.....	J 38	916	1935-39 avg.=100	168	187	194	1919
Textiles and products.....	J 39	916	do.....	147	182	174	1919
Leather and products.....	J 40	916	do.....	106	111	101	1919
Manufactured food products.....	J 41	916	do.....	163	164	165	1919
Alcoholic beverages.....	J 42	916	do.....	172	188	186	1934
Tobacco products.....	J 43	916	do.....	165	168	175	1919
Paper and products.....	J 44	916	do.....	166	187	201	1923
Printing and publishing.....	J 45	916	do.....	155	170	175	1923
Petroleum and coal products.....	J 46	916	do.....	209	229	267	1923
Chemical products.....	J 47	916	do.....	241	264	299	1923
Rubber products.....	J 48	916	do.....	183	223	243	1923
PHYSICAL OUTPUT—SELECTED MANUFACTURED COMMODITIES							
Steel ingots and castings.....	J 165	973	Long tons.....	69,623,371	86,460,781	(?)	1867
Bessemer.....	J 166	973	do.....	3,523,800	4,048,713	(?)	1867
Open hearth.....	J 167	973	do.....	62,722,146	77,020,097	(?)	1869
Crucible.....	J 168	973	do.....	3,377,426	5,391,971	(?)	1872
Electric and all other.....	J 169	973	do.....				1867
Rolled iron and steel.....	J 170	975	1,000 long tons.....	54,359	66,806	(?)	1885
Leaf tobacco consumed in manufacturing.*	J 171	942	Mil. lbs.....	1,382	1,393	(?)	1880
Fermented malt liquor.*	J 172	939	1,000 bbls.....	89,736	88,807	88,976	1870
Distilled spirits.*	J 173	-----	1,000 tax gals.....	617,558	521,770	846,388	-----
Cigarette production.*	J 174	941	Millions.....	388,046	392,025	(?)	1880
Cottonseed oil production. ⁵	J 175	755	1,000 lbs.....	1,703,762	1,847,205	1,196,893	1919
Wool consumed in manufacturing, scoured basis. ⁶	J 176	794	Mil. lbs.....	500.4	634.8	478.6	1922
Men's leather shoes.*	J 177	-----	1,000 pairs.....	97,427	102,526	104,461	1899
Women's leather shoes.*	J 178	-----	do.....	177,962	195,136	169,120	1899
Cotton consumed in manufacturing, including linters.	J 179	945	1,000 bales. ⁷	9,201	10,467	12,050	1840
Active cotton spindles consuming cotton. ⁸ *	J 180	945	Thousands.....	20,134	21,790	22,140	1840
RAILROADS							
MILEAGE, AND EQUIPMENT, (OPERATING STEAM RAILWAYS)							
Number of operating railways. ⁹ Mileage:	K 28	606	Number.....	481	471	(?)	1890
Road owned. ¹⁰	K 29	606	Miles.....	224,511	223,779	(?)	1890
Track operated.....	K 30	606	do.....	397,232	396,380	(?)	1890
Miles of road.....	K 31	605	do.....	237,564	236,857	(?)	1890
Other main tracks.....	K 32	605	do.....	40,639	40,456	(?)	1890
Yard track and sidings.....	K 33	605	do.....	110,029	119,067	(?)	1890

¹ Not available.

² Barrels of 31 wine gallons. For years ending June 30. Includes data for Alaska and Hawaii.

³ For year ending June 30. Includes ethyl alcohol. Includes Hawaii and alcohol in Puerto Rico.

⁴ Comprises large and small cigarettes and small cigars.

⁵ Totals for years ending July 31.

⁶ Includes raw wool consumed on woolen and worsted systems only.

⁷ Running bales.

⁸ Data are for all cotton-system spindles active last working day of July period, including those consuming 100 percent synthetic fibers and other fibers and blends.

⁹ Includes circular and unofficial.

¹⁰ Includes lessors, proprietary, circular and unofficial.

TABLE A.—HISTORICAL STATISTICS: 1949 TO 1951—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see: App. I, table B; 1951 and 1950 *Abstracts*, App. I, table B; and 1949 *Abstract*, table 1102. Figures for 1951 are generally preliminary; 1949 and 1950 figures are subject to revision. Also, see headnote, p. 940]

SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
RAILROADS—Continued							
MILEAGE AND EQUIPMENT (OPERATING STEAM RAILWAYS)—Continued							
Equipment:¹							
Locomotives:							
Number in service.....	K 34	606	Number.....	43, 272	42, 951	(?)	1890
Average tractive effort.....	K 35	606	Pounds.....	56, 333	57, 075	(?)	1903
Cars in service:							
Passenger-train cars.....	K 36	606	Number.....	38, 006	37, 359	(?)	1890
Freight-carrying cars ²	K 37	606	do.....	1, 778, 811	1, 745, 778	(?)	1890
Average capacity of freight cars ³	K 38	606	Tons.....	52. 4	52. 6	(?)	1903
PASSENGER SERVICE (OPERATING STEAM RAILWAYS)							
Passenger service:							
Passenger revenue.....	K 39	606	1,000 dols.....	862, 139	814, 741	(?)	1890
Passengers carried.....	K 40	621	1,000 persons.....	558, 741	488, 019	(?)	1890
Passenger miles.....	K 41	606	1,000 miles.....	35, 133, 300	31, 790, 470	(?)	1890
Revenue per passenger-mile.....	K 42	606	Cents.....	2. 454	2. 563	(?)	1890
FREIGHT SERVICE STATISTICS (OPERATING STEAM RAILWAYS)							
Class I, II, and III railways:							
Freight revenue (rail line).....	K 43	606	1,000 dols.....	7, 151, 237	7, 933, 764	(?)	1890
Revenue originated.....	K 44	606	Mil. tons.....	1, 284	1, 421	(?)	1899
Tons carried 1 mile.....	K 45	606	do.....	529, 111	591, 550	(?)	1890
Revenue ton-miles per mile of road.....	K 46	606	Ton-miles.....	2, 229, 430	2, 406, 927	(?)	1890
Revenue per ton-mile.....	K 47	606	Cents.....	1. 352	1. 341	(?)	1890
Revenue ton-miles per train-mile.....	K 48	620	Ton-miles.....	1, 044. 83	1, 131. 47	(?)	1890
Revenue ton-miles per loaded car-mile.....	K 49	620	do.....	29. 48	29. 97	(?)	1901
Haul per ton ⁴	K 50	606	Miles.....	412. 02	416. 32	(?)	1899
Revenue per ton ⁵	K 51	620	Dollars.....	5. 57	5. 58	(?)	1899
REVENUE FREIGHT ORIGINATED (CLASS I RAILWAYS)							
Total, all tonnage.....	K 52	623	1,000 tons.....	1, 226, 503	1, 354, 196	(?)	1911
Carload tonnage.....	K 53	623	do.....	1, 213, 911	1, 343, 309	(?)	1911
Products of agriculture.....	K 54	623	do.....	140, 383	129, 175	(?)	1911
Animals and products.....	K 55	623	do.....	15, 284	14, 321	(?)	1911
Products of mines.....	K 56	623	do.....	653, 759	746, 808	(?)	1911
Products of forests.....	K 57	623	do.....	69, 257	78, 860	(?)	1911
Manufactures and misc.....	K 58	623	do.....	335, 228	374, 145	(?)	1911
L. C. L. tonnage ⁶	K 59	623	do.....	12, 592	10, 887	(?)	1911
CAPITAL AND PROPERTY INVESTMENTS (CLASS I, II, AND III RAILWAYS AND THEIR LESSORS)							
Road and equipment:							
Investment, book value.....	K 60	606	1,000 dols.....	29, 519, 832	30, 174, 312	(?)	1890
Depreciation reserve ⁷	K 61	606	do.....	6, 438, 177	6, 607, 231	(?)	1911
Railway capital outstanding.....	K 62	606	Mil. dols.....	20, 427	20, 399	(?)	1890
Common stock.....	K 63	614	do.....	7, 519	7, 492	(?)	1890
Preferred stock.....	K 64	614	do.....	2, 012	2, 002	(?)	1890
Funded debt unmatured.....	K 65	614	do.....	10, 896	10, 905	(?)	1890
Net capitalization.....	K 66	606	do.....	15, 609	15, 618	(?)	1890
Stock paying dividends.....	K 67	606	1,000 dols.....	5, 924, 295	6, 768, 658	(?)	1890

¹ Includes switching and terminal companies.² Not available.³ Represents freight-train cars excluding cabooses. Erroneously designated as "freight-train cars" in *Historical Statistics*.⁴ Class I only.⁵ United States as a system.⁶ L. C. L. means less than carload lots.⁷ Includes amortization of defense projects.

TABLE A.—HISTORICAL STATISTICS: 1949 TO 1951—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see: App. I, table B; 1951 and 1950 *Abstracts*, App. I, table B; and 1949 *Abstract*, table 1102. Figures for 1951 are generally preliminary; 1949 and 1950 figures are subject to revision. Also, see headnote, p. 940]

SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
RAILROADS—Continued							
CAPITAL EXPENDITURES FOR ADDITIONS AND BETTERMENTS (CLASS I RAILWAYS)							
Total.....	K 68	---	1,000 dols.....	1,312,200	1,065,842	(1)	1921
Equipment.....	K 69	614	do.....	981,320	779,399	(1)	1921
Roadway and structures.....	K 70	614	do.....	330,880	286,443	(1)	1921
INCOME AND EXPENSES							
Operating revenue.....	K 71	606	do.....	8,680,791	9,587,000	(1)	1890
Operating expenses.....	K 72	606	do.....	6,968,296	7,135,055	(1)	1890
Maintenance of way and structure.....	K 73	---	do.....	1,309,857	1,311,775	(1)	1890
Maintenance of equipment.....	K 74	---	do.....	1,617,800	1,718,660	(1)	1890
Operating income.....	K 75	606	do.....	867,406	1,239,861	(1)	1908
Tax accruals.....	K 76	606	do.....	845,089	1,212,084	(1)	1890
Net railway operating income.....	K 77	615	do.....	693,957	1,055,309	(1)	1890
Net income ²	K 78	606	do.....	496,103	854,951	(2)	1890
Ratio of operating expenses to operating revenues.....	K 79	616	Percent.....	80.27	74.42	(1)	1890
INTEREST AND DIVIDENDS							
Dividends declared ²	K 80	606	1,000 dols.....	306,995	343,811	(1)	1890
Interest accrued on funded debt ²	K 81	606	do.....	365,393	367,218	(1)	1890
EMPLOYMENT AND WAGES							
Number of employees.....	K 82	606	1,000 persons....	1,209	1,237	(1)	1890
Compensation of railroad employees.....	K 83	606	1,000 dols.....	4,468,545	4,644,590	(1)	1895
RAILWAY ACCIDENTS AND FATALITIES							
Total:							
Killed.....	K 84	627	Number.....	3,426	3,486	(1)	1891
Injured.....	K 85	627	do.....	32,123	33,267	(1)	1891
Passengers: ³							
Killed.....	K 86	627	do.....	37	180	(1)	1891
Injured.....	K 87	627	do.....	2,545	3,419	(1)	1891
Employees:							
Killed.....	K 88	627	do.....	450	392	(1)	1891
Injured.....	K 89	627	do.....	22,993	22,586	(1)	1891
Other persons: ⁴							
Killed.....	K 90	627	do.....	1,614	1,669	(1)	1891
Injured.....	K 91	627	do.....	5,506	6,129	(1)	1891
Trespassers: ⁴							
Killed.....	K 92	627	do.....	1,325	1,245	(1)	1922
Injured.....	K 93	627	do.....	1,079	1,133	(1)	1922
DOCUMENTED MERCHANT VESSELS							
COMPOSITION OF THE MERCHANT MARINE ⁵							
Total, documented vessels:							
Number.....	K 94	669	do.....	35,264	36,083	36,745	1868
Gross tons.....	K 95	669	Gross tons....	32,181,863	31,215,143	30,340,701	1789
By major class:							
Steam and motor.....	K 96	669	do.....	29,323,455	28,327,166	27,423,515	1807
Sailing.....	K 97	669	do.....	87,343	82,078	71,306	1789
Canal boats and barges.....	K 98	669	do.....	2,771,065	2,805,599	2,845,170	1868
By material of which built:							
Metal ⁶	K 99	---	do.....	30,212,443	29,263,481	28,316,599	1884
Wood.....	K 100	---	do.....	1,969,420	1,951,662	1,923,928	1884

¹ Not available.² Includes lessors.³ Data cover passengers on trains and travelers not on trains.⁴ Casualties sustained in nontrain accidents included with "other persons."⁵ As of Jan. 1.⁶ Includes iron, steel, bronze, aluminum, concrete and composite of metal and concrete or other substances.

TABLE A.—HISTORICAL STATISTICS: 1949 TO 1951—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see: App. I, table B; 1951 and 1950 *Abstracts*, App. I, table B; and 1949 *Abstract*, table 1102. Figures for 1951 are generally preliminary; 1949 and 1950 figures are subject to revision. Also, see headnote, p. 940]

SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
DOCUMENTED MERCHANT VESSELS—Con.							
COMPOSITION OF THE MERCHANT MARINE ¹ —continued							
By type of trade in which engaged:							
Foreign trade*-----	K 101	-----	Gross tons-----	20, 653, 926	19, 153, 883	18, 876, 365	1789
Coastwise and internal*-----	K 102	-----	do-----	11, 524, 605	12, 047, 585	11, 464, 336	1789
Whale fisheries*-----	K 103	-----	do-----	802	² 11, 250	802	1794
Cod and mackerel fisheries ³ -----	K 104	-----	do-----	2, 530	2, 425	1, 738	1789
CHANGES IN THE MERCHANT MARINE ⁴							
Net increase or decrease*-----	K 105	-----	do-----	-966, 720	-874, 442	(⁵)	1813
Vessels built*-----	K 107	-----	do-----	195, 190	194, 370	(⁵)	1813
Total decrease ⁵ *-----	K 113	-----	do-----	1, 380, 297	1, 238, 301	(⁵)	1813
Lost and abandoned*-----	K 114	-----	do-----	449, 458	163, 362	(⁵)	1813
Sold to aliens*-----	K 115	-----	do-----	330, 292	487, 667	(⁵)	1813
Sold to United States*-----	K 116	-----	do-----	404, 085	147, 371	(⁵)	1823
All other*-----	K 118	-----	do-----	196, 462	439, 901	(⁵)	1813
(Series K 119-123 follow K 126)							
COMPOSITION OF MERCHANT FLEET BY REGION ¹							
Seaboard-----	K 124	-----	do-----	29, 406, 620	28, 865, 926	28, 039, 745	1816
New England coast-----	K 124a	-----	do-----	1, 678, 898	1, 504, 926	1, 558, 856	1816
Mid-Atlantic and Gulf coasts-----	K 124b	-----	do-----	18, 639, 141	18, 914, 987	18, 408, 777	1816
Pacific coast-----	K 124c	-----	do-----	9, 088, 581	8, 446, 013	8, 072, 112	1849
Northern lakes-----	K 125	-----	do-----	2, 076, 267	1, 628, 267	1, 565, 096	1816
Western rivers-----	K 126	-----	do-----	698, 976	720, 950	735, 860	1816
SHIPBUILDING							
MERCHANT VESSELS BUILT IN UNITED STATES AND DOCUMENTED ⁴							
All vessels:							
Number of vessels*-----	K 119	-----	Number-----	978	861	(⁵)	1798
Gross tons*-----	K 120	-----	Gross tons-----	195, 190	194, 370	(⁵)	1797
Steam and motor*-----	K 121	-----	do-----	85, 288	103, 358	(⁵)	1807
Sailing*-----	K 122	-----	do-----	39	7	(⁵)	1797
Canal boats and barges*-----	K 123	-----	do-----	109, 863	91, 005	(⁵)	1868
WATERBORNE COMMERCE OF THE UNITED STATES							
SUMMARY OF CARGO TONNAGE							
Foreign and domestic commerce:							
Net total-----	K 132	647	1,000 short tons-----	740, 721	820, 584	(⁵)	1924
Foreign commerce:							
Total*-----	K 134	647	do-----	165, 358	⁶ 169, 225	(⁵)	1924
Through seaports:							
Imports*-----	K 135	647	do-----	77, 153	96, 299	(⁵)	1924
Exports-----	K 136	647	do-----	65, 740	43, 640	(⁵)	1924
Great Lakes ports:							
Imports*-----	K 137	647	do-----	4, 839	5, 683	(⁵)	1924
Exports*-----	K 138	647	do-----	17, 626	23, 603	(⁵)	1924

¹ As of Jan. 1.

² Increased by 1 large vessel (10,448 tons) on Atlantic coast, documented in 1950, but subsequently removed from documentation.

³ Figures shown here, and 1937-45 (shown in *Historical Statistics*) exclude mackerel.

⁴ For calendar year indicated; compiled as of Jan. 1 of following year.

⁵ Not available.

⁶ Represents tonnage of vessels removed from documentation.

TABLE A.—HISTORICAL STATISTICS: 1949 TO 1951—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see: App. I, table B; 1951 and 1950 *Abstracts*, App. I, table B; and 1949 *Abstract*, table 1102. Figures for 1951 are generally preliminary; 1949 and 1950 figures are subject to revision. Also, see headnote, p. 940]

SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
WATERBORNE COMMERCE OF THE UNITED STATES—Continued							
SUMMARY OF CARGO TONNAGE—continued							
Domestic commerce:							
Approximate net total*	K 139	647	1,000 short tons.	575,363	651,359	(1)	1924
Between ports:							
Coastwise*	K 141	647	do.	161,431	182,544	(1)	1924
Great Lakes*	K 142	647	do.	145,592	169,881	(1)	1924
Local traffic of seaports and Great Lakes ports.2*	K 143	647	do.	102,637	106,906	(1)	1924
Between seaports and river ports.3*	K 144	647	do.	165,703	190,789	(1)	1924
Intraterritory.	K 145a	647	do.	(4)	1,239	(1)	-----
CARRIAGE OF FOREIGN TRADE							
Vessels entered:							
All ports*	K 146	663	1,000 net tons.	85,700	86,629	108,086	1789
American vessels*	K 147	663	do.	41,251	35,376	44,571	1789
Foreign vessels*	K 148	663	do.	44,451	51,251	63,515	1789
Seaports*	K 149	663	do.	74,701	73,451	93,674	1840
American vessels*	K 150	663	do.	37,626	31,757	40,482	1856
Foreign vessels*	K 151	663	do.	37,076	41,693	53,192	1856
Vessels cleared:							
All ports*	K 152	664	do.	84,286	87,829	(1)	1821
American vessels*	K 153	664	do.	39,681	36,043	(1)	1821
Foreign vessels*	K 154	664	do.	44,604	51,778	(1)	1821
Seaports*	K 155	664	do.	73,063	74,785	(1)	1840
American vessels*	K 156	664	do.	36,136	32,510	(1)	1857
Foreign vessels*	K 157	664	do.	36,927	42,269	(1)	1857
TONNAGE MOVED ON NEW YORK STATE CANALS							
All canals.	K 170	660	Short tons.	3,949,739	4,615,613	5,211,472	1837
Erie division, freight originating.	K 171		do.	2,685,635	3,620,346	3,673,104	1837
PUBLIC ROADS							
EXISTENT MILEAGE							
All existent rural roads 1	K 177		1,000 miles.	3,038	3,026	(1)	1921
State-administered highways:							
Primary	K 178	589	do.	358	363	(1)	1921
Secondary 2	K 179	589	do.	206	210	(1)	1931
Urban extensions.	K 180		do.	35	36	(1)	1934
County and other local roads 7	K 181	589	do.	2,439	2,417	(1)	1921
Surface rural roads 3	K 182		do.	1,651	1,714	(1)	1921
Under State control.	K 183		do.	527	545	(1)	1921
MILEAGE BUILT BY STATE HIGHWAY DEPARTMENT 4							
Total mileage built.	K 184	590	Miles.	45,176	55,487	(1)	1923
Roads under State control.	K 185		do.	35,241	44,265	(1)	1923
Earth roads.	K 186		do.	1,517	1,784	(1)	1923
High-type surface.	K 187		do.	7,487	13,379	(1)	1923
Low-type surface.	K 188		do.	26,237	29,102	(1)	1923

1 Not available.

2 Represents traffic local to seaports, Great Lakes ports, and communities on inland waterways.

3 Represents traffic among ports and communities utilizing inland waterways exclusively. Internal waterborne commerce.

4 Included in other types of domestic traffic.

5 Includes urban extensions of State highway systems and connecting streets.

6 Includes county roads under State control.

7 Includes State and Federal park, forest, reservation roads, etc., not overlapping the State highway systems.

8 Includes State highway extensions within cities and connecting streets.

TABLE A.—HISTORICAL STATISTICS: 1949 TO 1951—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see: App. I, table B; 1951 and 1950 *Abstracts*, App. I, table B; and 1949 *Abstract*, table 1102. Figures for 1951 are generally preliminary; 1949 and 1950 figures are subject to revision. Also, see headnote, p. 940]

SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
PUBLIC ROADS—Con.							
FEDERAL-AID HIGHWAY IMPROVEMENTS							
Miles of highway:							
Total existing ¹	K 189		Miles.....	233, 285	234, 486	234, 837	1923
Completed during year ² *	K 190		do.....	19, 876	19, 904	17, 059	1917
Cost ³	K 191		Dollars.....	829, 299, 532	752, 841, 934	754, 374, 773	1917
Federal funds*	K 191a		do.....	425, 466, 029	385, 871, 069	376, 147, 000	1917
State funds*	K 191b		do.....	403, 833, 503	366, 970, 865	378, 227, 773	1917
STATE HIGHWAY FINANCES							
State property taxes and other revenues used for highway purposes. ⁴	K 193		1,000 dols.....	179, 683	190, 604	(*)	1921
Federal funds received by States for highways. ⁵	K 194	593	do.....	429, 198	425, 587	(*)	1918
Allocation of net receipts from State imposts on highway users:							
Total, net funds distributed.	K 195		do.....	2, 241, 512	2, 487, 094	(*)	1925
For State highway purposes.	K 196		do.....	1, 449, 285	1, 597, 704	(*)	1925
For local roads and streets.	K 197		do.....	626, 116	672, 352	(*)	1925
For non-highway purposes.	K 198		do.....	166, 111	217, 038	(*)	1925
Disbursements for State highway purposes.	K 199		do.....	2, 072, 674	2, 283, 513	(*)	1914
State-administered highways:							
Construction	K 200	593	do.....	1, 354, 518	1, 533, 859	(*)	1914
Maintenance	K 201	593	do.....	479, 544	501, 487	(*)	1914
Administrative, highway patrol, and miscellaneous expenses.	K 202		do.....	185, 328	187, 453	(*)	1914
Interest on obligations for State highways.	K 203		do.....	53, 284	60, 714	(*)	1921
State highway debt outstanding.*	K 204		do.....	1, 890, 311	2, 141, 058	(*)	1890
COUNTY AND LOCAL RURAL ROADS, FUNDS CONTRIBUTED AND DISBURSED⁶							
Approximate funds contributed.*	K 205	595	Mil. dols.....	1, 027	1, 067	(*)	1921
County and local rural revenue sources.*	K 206	595	do.....	361	396	(*)	1921
Borrowings ⁷ *	K 207	595	do.....	104	104	(*)	1921
State revenues*	K 208	595	do.....	514	528	(*)	1921
Federal funds*	K 209	595	do.....	48	39	(*)	1933
Disbursements*	K 210	595	do.....	1, 043	1, 113	(*)	1921
Capital outlay*	K 211	595	do.....	369	393	(*)	1921
Maintenance and administration.*	K 212	595	do.....	566	607	(*)	1921
Debt retirement ⁸ *	K 213	595	do.....	80	85	(*)	1921
Interest*	K 214	595	do.....	28	28	(*)	1921

¹ Total existing mileage of Federal-aid primary system. Data are for fiscal year.

² Includes all highway construction and reconstruction financed partially or entirely with Federal funds. Data are for calendar year.

³ Includes Federal-aid secondary highways.

⁴ Not available.

⁵ Includes amounts expended on local roads and streets.

⁶ Preliminary estimates.

⁷ Excludes refunding issues.

⁸ Excludes retirement by refunding.

TABLE A.—HISTORICAL STATISTICS: 1949 TO 1951—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see: App. I, table B; 1951 and 1950 *Abstracts*, App. I, table B; and 1949 *Abstract*, table 1102. Figures for 1951 are generally preliminary; 1949 and 1950 figures are subject to revision. Also, see headnote, p. 940]

SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
PUBLIC ROADS—Con.							
CITY AND VILLAGE STREETS, FUNDS CONTRIBUTED AND DISBURSED ¹							
Approximate funds contributed, ² *	K 215	595	Mil. dols.	910	979	(?)	1921
Revenue of—							
County and local rural agencies, *	K 216	595	do.	29	26	(?)	1935
Urban places, *	K 217	595	do.	569	598	(?)	1921
Borrowings, ³ *	K 218	595	do.	178	200	(?)	1924
State highway-user imposts, *	K 219	595	do.	131	154	(?)	1925
Federal funds, *	K 220a	595	do.	3	1	(?)	1925
Disbursements, *	K 221	595	do.	874	980	(?)	1921
Capital outlay, *	K 222	595	do.	337	309	(?)	1921
Maintenance and administration, *	K 223	595	do.	410	447	(?)	1921
Interest, *	K 224	595	do.	43	44	(?)	1921
Debt retirement, ⁴ *	K 224a	595	do.	84	90	(?)	1921
MOTOR VEHICLES							
PRODUCTION							
Passenger cars:							
Number,	K 225	597	Number,	5, 119, 466	6, 665, 628	(?)	1900
Value ⁵ *,	K 226	597	1,000 dols.	6, 768, 418	8, 633, 272	(?)	1900
Motor trucks: ⁷							
Number,	K 227	597	Number,	1, 134, 136	1, 337, 154	(?)	1904
Value ⁶ *,	K 228	597	1,000 dols.	1, 407, 435	1, 747, 480	(?)	1904
REGISTRATION							
Total*,	K 229	597	Number,	44, 139, 951	48, 566, 984	(?)	1900
Automobiles*,	K 230	597	do.	36, 312, 380	40, 185, 146	(?)	1900
Busses*,	K 231	597	do.	135, 002	143, 206	(?)	1925
Trucks*,	K 232	597	do.	7, 692, 569	8, 238, 632	(?)	1904
MOTOR FUEL USAGE							
Total,	K 233	598	1,000 gals.	36, 440, 037	39, 830, 606	(?)	1919
Highway,	K 234	598	do.	32, 431, 016	35, 652, 940	(?)	1919
Nonhighway,	K 235	598	do.	4, 009, 021	4, 177, 666	(?)	1919
AIR TRANSPORT							
PRODUCTION							
Number of aircraft produced,	K 239	-----	Number,	(?)	(?)	(?)	1913
For U. S. military,	K 240	-----	do.	(?)	(?)	(?)	1913
Others,	K 241	-----	do.	3, 545	3, 520	2, 477	1913
SCHEDULED DOMESTIC AIR TRANSPORTATION							
Number of operators,	K 246	642	do.	37	38	39	1926
Aircraft in service,	K 247	642	do.	913	960	981	1928
Route mileage ⁸ ,	K 248	642	Miles,	72, 667	77, 440	79, 057	1930
Average passenger revenue per passenger-mile,	K 249	642	Cents, .....	.0576	.0555	(?)	1926
Number persons employed,	K 250	642	Number,	59, 886	61, 903	(?)	1928
Revenue-miles flown,	K 251	642	do.	351, 645, 414	364, 256, 468	406, 105, 269	1926
Revenue passengers carried, unduplicated,	K 253	642	do.	15, 080, 704	17, 346, 943	22, 635, 838	1942
Revenue passenger-miles flown, Ton-miles flown:	K 254	642	1,000 miles,	6, 752, 622	8, 002, 825	10, 566, 139	1930
Express and freight,	K 255	642	Number,	123, 001, 652	151, 351, 080	143, 624, 865	1926
Mail ⁹ ,	K 256	642	do.	41, 418, 293	47, 008, 947	63, 848, 335	1931

¹ Preliminary estimates.

² Not available.

³ 1949 includes \$3,000,000 Federal funds; 1950, \$1,000,000.

⁴ Excludes refunding issues.

⁵ Excludes retirement by refunding.

⁶ Excludes Federal excise tax; includes standard equipment.

⁷ A substantial portion consists of chassis only.

⁸ Based on revised CAB procedure.

⁹ Excludes regular mail carried under special contract, and foreign mails.

TABLE A.—HISTORICAL STATISTICS: 1949 to 1951—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see: App. I, table B; 1951 and 1950 Abstracts, App. I, table B; and 1949 Abstract, table 1102. Figures for 1951 are generally preliminary; 1949 and 1950 figures are subject to revision. Also, see headnote, p. 940]

SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
AIR TRANSPORT—Con.							
AIRPORTS, AIRCRAFT, PILOTS, AND MILES FLOWN							
Airports and landing fields ¹	K 257	640	Number.....	6,484	6,403	6,237	1927
Lighted ¹	K 258	.....	do.....	1,480	1,670	(2)	1930
Total U. S. civil aircraft ²	K 259	640	do.....	492,622	492,809	488,545	1927
Certified airplane pilots ³	K 260	640	do.....	525,174	(2)	(2)	1927
Airline transport.....	K 261	.....	do.....	9,025	(2)	(2)	1932
Commercial.....	K 262	.....	do.....	187,769	(2)	(2)	1929
Private.....	K 263	.....	do.....	328,380	(2)	(2)	1929
Miles flown in civil flying other than scheduled air carrier ¹	K 264	640	do.....	1,128,992,000	(2)	(2)	1926
ACCIDENTS							
Domestic scheduled air carriers:							
Total accidents*.....	K 265	642	do.....	635	637	645	1927
Number of fatal accidents.....	K 266	.....	do.....	8	4	11	1927
Total passenger fatalities*.....	K 267	.....	do.....	96	96	142	1927
Plane-miles flown per fatal accident*.....	K 268	.....	do.....	44,622,003	96,185,508	(2)	1930
Passenger fatalities per 100-million passenger-miles flown ⁷	K 269	.....	do.....	1.3	1.1	(2)	1930
Non-air-carrier flying operations:							
Total accidents.....	K 270	.....	do.....	5,459	4,505	(2)	1927
Fatal accidents.....	K 271	.....	do.....	562	499	(2)	1927
Fatalities.....	K 272	.....	do.....	896	871	(2)	1927
WHOLESALE PRICE INDEXES, BLS							
All commodities.....	L 15	325	1926=100.....	155.0	161.5	180.4	1801
10 major product groups:							
Farm products.....	L 16	325	do.....	165.5	170.4	196.1	1890
Foods.....	L 17	325	do.....	161.4	166.2	186.9	1890
Hides and leathers.....	L 18	325	do.....	180.4	191.9	221.4	1890
Textile products.....	L 19	325	do.....	140.4	148.0	172.2	1890
Fuel and lighting.....	L 20	325	do.....	131.7	138.2	158.2	1890
Metals and metal prod.....	L 21	325	do.....	170.2	178.6	189.2	1890
Building materials.....	L 22	325	do.....	193.4	206.0	225.5	1890
Chemicals and allied prod.....	L 23	325	do.....	118.6	122.7	143.3	1890
Housefurnishing goods.....	L 24	325	do.....	145.3	153.2	176.0	1890
Miscellaneous.....	L 25	325	do.....	112.3	120.9	141.0	1890
CONSUMERS' PRICE INDEXES, BLS							
OLD SERIES							
All items*.....	L 41	331	1935-39=100.....	170.2	171.2	185.9	1913
Food.....	L 42	331	do.....	201.9	204.1	227.2	1913
Apparel.....	L 43	331	do.....	190.1	188.0	206.2	1913
Rent*.....	L 44	331	do.....	126.4	124.1	128.8	1913
Fuel, electricity, and refrigeration*.....	L 45	331	do.....	137.5	141.1	146.0	1913
Housefurnishings.....	L 46	331	do.....	189.0	190.8	212.8	1913
Miscellaneous.....	L 47	331	do.....	154.6	157.1	166.8	1913
NEW SERIES⁸							
All items.....	L 41a	331	do.....	(2)	171.9	185.6	-----
Food.....	L 42a	331	do.....	(2)	204.5	227.4	-----
Apparel.....	L 43a	331	do.....	(2)	187.7	204.5	-----
Rent.....	L 44a	331	do.....	(2)	131.0	136.2	-----
Fuel, electricity, and refrigeration.....	L 45a	331	do.....	(2)	140.6	144.1	-----
House furnishings.....	L 46a	331	do.....	(2)	190.2	210.9	-----
Miscellaneous.....	L 47a	331	do.....	(2)	165.4	166.4	-----

¹ Calendar-year data.

² Not available.

³ As of Dec. 31.

⁴ Includes gliders.

⁵ Estimated.

⁶ Includes scheduled cargo carriers.

⁷ Rate computed on basis of total passenger fatalities and passenger-miles flown (revenue and nonrevenue).

⁸ Weights adjusted to current spending patterns.

TABLE A.—HISTORICAL STATISTICS: 1949 to 1951—Continued

Asterisk (*) denotes series revised for earlier years; for revisions, see: App. I, table B; 1951 and 1950 *Abstracts*, App. I, table B; and 1949 *Abstract*, table 1102. Figures for 1951 are generally preliminary; 1949 and 1950 figures are subject to revision. Also, see headline, p. 940]

SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
RETAIL PRICE INDEXES, BLS							
Coal:							
Bituminous*-----	L 50	338	Oct. 1922–Sept. 1925=100.	157.9	164.1	168.0	1913
Anthracite, chestnut.....	L 51	338	do-----	145.7	152.6	167.7	1913
BALANCE OF PAYMENTS							
INTERNATIONAL INVESTMENT							
* POSITION OF THE U. S.							
Net position; creditor (+), debtor (–).*	M 1	997	Bil. dols.-----	+14.9	+14.5	(?)	1843
Long term*	M 2	997	do-----	+22.5	+22.9	(?)	1869
Short term*	M 3	997	do-----	–7.5	–8.3	(?)	1869
U. S. investments abroad ² *	M 4	997	do-----	32.5	34.7	(?)	1869
Long term*	M 5	997	do-----	30.8	32.7	(?)	1869
Direct ³ *	M 6	997	do-----	12.4	13.5	(?)	1897
Portfolio	M 7	997	do-----	5.2	5.8	(?)	1897
U. S. Government ⁴ *	M 7a	997	do-----	13.2	13.4	(?)	1897
Short term*	M 8	997	do-----	1.7	2.0	(?)	1919
Foreign investment in U. S. ⁵ *	M 9	997	do-----	17.6	20.2	(?)	1843
Long term*	M 10	997	do-----	8.3	9.9	(?)	1869
Direct*	M 11	997	do-----	3.1	3.3	(?)	1914
Portfolio	M 12	997	do-----	5.2	6.6	(?)	1914
Short term*	M 13	997	do-----	9.3	10.3	(?)	1869
INTERNATIONAL TRANSACTIONS OF THE UNITED STATES							
Receipts*	M 14	996	Mil. dols.-----	17,568	17,048	21,747	1850
Goods and services*	M 15	996	do-----	15,974	14,425	20,140	1850
Goods*	M 16	996	do-----	12,337	10,658	15,424	1850
Income on investments*	M 17	996	do-----	1,405	1,743	1,905	1896
Other services*	M 18	996	do-----	2,232	2,024	2,811	1850
Unilateral transfers*	M 19	996	do-----	506	205	173	1850
Long-term capital*	M 20	996	do-----	1,288	2,418	1,454	1850
U. S., invested abroad*	M 21	996	do-----	975	1,303	1,129	1919
Foreign, invested in U. S.*	M 22	996	do-----	313	1,115	305	1850
Payments*	M 23	996	do-----	18,166	19,673	23,092	1850
Goods and services*	M 24	996	do-----	9,603	12,128	15,111	1850
Goods*	M 25	996	do-----	7,066	9,315	11,663	1850
Income on investments*	M 26	996	do-----	7,353	437	400	1850
Other services*	M 27	996	do-----	2,184	2,376	3,048	1850
Unilateral transfers*	M 28	996	do-----	6,149	4,806	5,112	1874
Long-term capital*	M 29	996	do-----	2,414	2,739	2,869	1896
U. S., invested abroad*	M 30	996	do-----	2,245	2,568	2,050	1896
Foreign, invested in U. S.*	M 31	996	do-----	169	141	819	1914
Excess of receipts (+) or payments (–).*	M 32	996	do-----	–598	–2,625	–1,345	1850
Net goods and services and unilateral transfers.*	M 33	996	do-----	+528	–2,304	+90	1850
Goods and services*	M 34	996	do-----	+6,371	+2,297	+5,029	1850
Unilateral transfers*	M 35	996	do-----	–5,843	–4,601	–4,939	1850
Long-term capital*	M 36	996	do-----	–1,126	–321	–1,435	1850
Net inflow (+) or outflow (–) of funds on gold and short-term capital account.*	M 37	996	do-----	–187	+2,469	+834	1850
Gold stock net increase (–) or decrease (+). ⁶ *	M 38	996	do-----	–164	+1,743	–53	1850
Net movement of—							
U. S. short-term capital abroad.*	M 39	996	do-----	+14	–186	–132	1914
Foreign short-term capital in U. S.*	M 40	996	do-----	–37	+912	+1,019	1923
Errors and omissions*	M 41	996	do-----	+785	+156	+511	1850

¹ Not available.

² Although the entire U. S. investment in international institutions, including the subscription of \$687,500,000 in gold to the International Monetary Fund, is included in U. S. investments abroad, the gold held by international institutions or others in the United States is not included as a foreign investment in the United States.

³ No allowance has been made for write-offs and war damage to American properties in foreign countries.

⁴ Amounts include U. S. Government credits as shown in table 998 less net disbursements by agent banks on Export-Import Bank loans plus paid-in U. S. subscription of \$635 million to International Bank for Reconstruction and Development and of \$2,750 million to International Monetary Fund, plus various minor investments not considered Government aid. Loans by agent banks of Export-Import Bank are here included under private long-term portfolio investments abroad (M 7).

⁵ Erroneously shown as "gold stock net increase (+) or decrease (–)" in *Historical Statistics*.

TABLE A.—HISTORICAL STATISTICS: 1949 TO 1951—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see: App. I, table B; 1951 and 1950 Abstracts, App. I, table B; and 1949 Abstract, table 1102. Figures for 1951 are generally preliminary; 1949 and 1950 figures are subject to revision. Also, see headnote, p. 940]

SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
FOREIGN TRADE							
VALUE OF EXPORTS¹ AND IMPORTS							
Total, merchandise, gold, and silver:							
Exports*	M 42	1007	1,000 do.	12,159,325	10,815,340	15,659,380	1821
Imports*	M 43	1007	do.	7,467,316	9,124,945	11,146,277	1821
Excess of exports (+)*	M 44	1007	do.	+4,692,009	+1,690,395	+4,513,103	1821
Gold:							
Exports	M 45	1007	do.	84,936	534,036	630,382	1825
Imports	M 46	1007	do.	771,390	162,749	81,259	1825
Excess of imports (-)	M 47	1007	do.	-686,455	+371,287	+549,123	1825
Silver:							
Exports	M 48	1007	do.	23,281	6,202	8,590	1821
Imports	M 49	1007	do.	73,536	110,035	103,469	1821
Excess of imports (-)	M 50	1007	do.	-50,255	-103,833	-94,878	1821
Merchandise:							
Exports and reexports*	M 51	1007	do.	12,051,108	10,275,102	15,020,409	1790
Exports of U. S. merchandise*	M 52	1007	do.	11,936,125	10,142,482	14,867,559	1791
Reexports*	M 53	1007	do.	114,984	132,620	152,849	1791
General imports*	M 54	1007	do.	6,622,390	8,852,161	10,961,550	1790
Excess of exports (+)*	M 55	1007	do.	+5,428,718	+1,422,941	+4,058,858	1790
VALUE OF MERCHANDISE EXPORTS¹ AND IMPORTS, BY ECONOMIC CLASSES							
Exports of U. S. merchandise*	M 56	1016	do.	11,936,125	10,142,482	14,867,559	1821
Crude materials*	M 57	1016	do.	1,779,777	1,886,042	2,471,164	1821
Crude foodstuffs*	M 58	1016	do.	1,341,795	759,753	1,401,216	1821
Manufactured foodstuffs ² *	M 59	1016	do.	885,682	602,412	840,355	1821
Semimanufactures*	M 60	1016	do.	1,355,835	1,121,037	1,663,170	1821
Finished manufactures*	M 61	1016	do.	6,573,036	5,773,238	8,491,655	1821
Imports*	M 62	1016	do.	6,591,640	8,743,082	10,812,961	1821
Crude materials*	M 63	1016	do.	1,853,712	2,465,489	3,364,211	1821
Crude foodstuffs*	M 64	1016	do.	1,332,880	1,749,556	2,063,048	1821
Manufactured foodstuffs ² *	M 65	1016	do.	740,770	898,423	1,021,184	1821
Semimanufactures*	M 66	1016	do.	1,418,388	2,125,910	2,455,248	1821
Finished manufactures*	M 67	1016	do.	1,245,890	1,503,704	1,909,270	1821
VALUE OF MERCHANDISE IMPORTS							
Value, total*	M 68	1029	do.	6,591,640	8,743,082	10,812,961	1821
Free*	M 69	1029	do.	3,883,186	4,766,778	5,992,946	1821
Dutiable*	M 70	1029	do.	2,708,454	3,976,304	4,820,015	1821
VALUE OF MERCHANDISE IMPORTS, FREE AND DUTIABLE, BY ECONOMIC CLASSES							
Total:							
Free*	M 75	1031	do.	3,883,186	4,766,778	5,992,946	1821
Dutiable*	M 76	1031	do.	2,708,454	3,976,304	4,820,015	1821
Crude materials:							
Free*	M 77	1031	do.	1,126,860	1,481,571	2,066,698	1821
Dutiable*	M 78	1031	do.	726,851	983,918	1,297,513	1821
Crude foodstuffs and food animals:							
Free*	M 79	1031	do.	1,096,520	1,492,335	1,759,965	1840
Dutiable*	M 80	1031	do.	236,360	257,221	303,083	1821
Manufactured foodstuffs ² :							
Free*	M 81	1031	do.	98,291	112,584	136,546	1840
Dutiable*	M 82	1031	do.	642,479	785,839	884,638	1821
Semimanufactures:							
Free*	M 83	1031	do.	868,923	932,193	1,174,620	1821
Dutiable*	M 84	1031	do.	549,465	1,193,717	1,280,627	1821
Finished manufactures:							
Free*	M 85	1031	do.	692,591	748,095	855,117	1821
Dutiable*	M 86	1031	do.	553,299	755,609	1,054,153	1821

¹ Includes shipments under Army Civilian Supply Program. ² Includes beverages.

TABLE A.—HISTORICAL STATISTICS: 1949 to 1951—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see: App. I, table B; 1951 and 1950 *Abstracts*, App. I, table B; and 1949 *Abstract*, table 1102. Figures for 1951 are generally preliminary; 1949 and 1950 figures are subject to revision. Also, see headnote, p. 940]

SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
FOREIGN TRADE—Con.							
VALUE OF MERCHANDISE EXPORTS ¹ AND IMPORTS, BY DESTINATION AND ORIGIN							
Exports (including reexports)*	M 87	1024	1,000 dols.-----	12,051,108	² 10,275,102	² 15,020,409	1821
To North America:							
Northern ³ *	M 88	1024	-----do-----	1,959,180	1,995,732	2,588,477	1821
Southern *	M 89	1024	-----do-----	1,339,502	1,418,042	1,702,160	1821
To South America*	M 90	1024	-----do-----	1,561,882	1,347,060	2,070,899	1821
To Europe ³ *	M 91	1024	-----do-----	4,118,159	2,893,324	4,042,865	1821
To Asia*	M 92	1024	-----do-----	2,255,766	1,504,990	2,240,351	1821
To Oceania*	M 93	1024	-----do-----	194,864	133,229	242,615	1821
To Africa*	M 94	1024	-----do-----	621,755	349,354	580,900	1821
General imports*	M 95	1024	-----do-----	6,622,390	8,852,161	10,961,550	1821
From North America:							
Northern ³ *	M 96	1024	-----do-----	1,552,351	1,061,593	2,276,974	1821
Southern *	M 97	1024	-----do-----	941,348	1,138,987	1,221,076	1821
From South America*	M 98	1024	-----do-----	1,501,273	1,962,879	2,326,133	1821
From Europe ³ *	M 99	1024	-----do-----	925,052	1,387,445	2,040,386	1821
From Asia*	M 100	1024	-----do-----	1,239,488	1,699,457	2,057,887	1821
From Oceania*	M 101	1024	-----do-----	125,364	208,140	450,328	1821
From Africa*	M 102	1024	-----do-----	337,616	493,661	588,766	1821
VALUE OF MERCHANDISE EXPORTS ¹ AND IMPORTS, BY GROUPS OF CUSTOMS DIST.							
Atlantic Coast:							
Exports*	M 103	-----	-----do-----	(4)	(4)	⁵ 6,103,201	1860
Imports*	M 104	-----	-----do-----	(4)	(4)	(4)	1860
Gulf Coast:							
Exports*	M 105	-----	-----do-----	(4)	(4)	⁵ 2,797,723	1860
Imports*	M 106	-----	-----do-----	(4)	(4)	(4)	1860
Mexican border:							
Exports*	M 107	-----	-----do-----	359,637	⁵ 355,925	⁵ 542,032	1860
Imports*	M 108	-----	-----do-----	(4)	(4)	(4)	1860
Pacific Coast:							
Exports*	M 109	-----	-----do-----	(4)	(4)	⁵ 1,270,637	1860
Imports*	M 110	-----	-----do-----	(4)	(4)	(4)	1860
Northern border: ⁶							
Exports*	M 111	-----	-----do-----	1,779,062	⁵ 1,844,314	⁵ 2,396,539	1860
Imports*	M 112	-----	-----do-----	(4)	(4)	(4)	1860
ASSETS AND LIABILITIES							
ALL BANKS ⁷							
Number of banks	N 19	-----	Number-----	14,697	14,689	14,655	1834
Total assets or liabilities (or total resources)	N 20	-----	1,000 dols.-----	171,670,655	180,036,910	189,252,641	1834
Selected assets:							
Loans and discounts including overdrafts	N 21	-----	-----do-----	47,366,715	52,310,789	64,218,091	1834
U. S. Government and other securities	N 22	-----	-----do-----	87,173,088	91,315,286	84,211,759	1834
Cash and balances with other banks. ⁸	N 23	-----	-----do-----	35,120,645	34,254,197	38,408,575	1834
Selected liabilities:							
Capital, surplus, and net undivided profits. ⁹	N 24	-----	-----do-----	12,021,703	13,653,266	14,317,502	1834
Total deposits ⁸	N 26	-----	-----do-----	157,239,224	164,554,941	172,679,420	1834

¹ Includes shipments under Army Civilian Supply Program.

² Includes \$632,171,000 for 1950 and \$1,552,141,000 for 1951 not shown by continents due to security regulations.

³ Series M 88 and M 96 exclude, and series M 91 and M 99 include, Iceland as in years prior to 1942.

⁴ Not available.

⁵ Exclude certain commodity shipments under security regulations.

⁶ Includes Omaha. Formerly Omaha was included in "Interior," not presented here.

⁷ Data as of June 30.

⁸ Excludes reciprocal interbank demand balances.

⁹ Includes capital reserve.

TABLE A.—HISTORICAL STATISTICS: 1949 TO 1951—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see: App. I, table B; 1951 and 1950 *Abstracts*, App. I, table B; and 1949 *Abstract*, table 1102. Figures for 1951 are generally preliminary; 1949 and 1950 figures are subject to revision. Also, see headnote, p. 940].

SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
ASSETS AND LIABILITIES —Continued							
NATIONAL BANKS ¹							
Number of banks.....	N 27	-----	Number.....	4,993	4,977	4,953	1863
Total assets or liabilities (or total resources). Selected assets:	N 28	-----	1,000 dols.....	85,099,450	89,936,612	94,658,761	1863
Loans and discounts including overdrafts.	N 29	-----	do.....	22,578,120	24,671,880	30,584,236	1863
U. S. Government and other securities.	N 30	-----	do.....	41,129,793	44,244,669	40,635,298	1863
Cash and balances with other banks ^{2,3}	N 31	-----	do.....	20,376,181	19,962,172	22,253,141	1863
Selected liabilities: Capital, surplus, and net undivided profits. ⁴	N 32	-----	do.....	5,827,903	6,195,067	6,520,026	1863
Total deposits ⁵	N 34	-----	do.....	78,451,468	82,659,791	86,836,814	1863
NONNATIONAL BANKS ¹							
Number of banks*.....	N 35	-----	Number.....	9,704	9,712	9,702	1860
Total assets or liabilities (or total resources). Selected assets:	N 36	-----	1,000 dols.....	86,571,205	90,100,298	94,593,880	1860
Loans and discounts including overdrafts.	N 37	-----	do.....	24,788,595	27,638,909	33,633,855	1860
U. S. Government and other securities.	N 38	-----	do.....	46,043,295	47,070,617	43,576,461	1860
Cash and balances with other banks. ²	N 39	-----	do.....	14,744,464	14,292,025	16,150,434	1860
Selected liabilities: Capital, surplus, and net undivided profits. ⁴	N 40	-----	do.....	7,093,800	7,458,199	7,797,476	1860
Total deposits ⁵	N 42	-----	do.....	78,787,756	81,895,150	85,842,606	1860
SAVINGS BANKS ⁵							
Number of banks*.....	N 43	445	Number.....	531	529	529	1875
Total assets or liabilities.....	N 44	445	1,000 dols.....	21,492,898	22,384,895	22,834,963	1875
STATE COMMERCIAL BANKS ⁵							
Number of banks*.....	N 45	445	Number.....	9,101	9,081	9,080	1875
Total assets or liabilities.....	N 46	445	1,000 dols.....	67,915,925	72,215,562	71,375,476	1875
PRIVATE BANKS ⁵							
Number of banks*.....	N 47	445	Number.....	92	91	93	1887
Total assets or liabilities.....	N 48	445	1,000 dols.....	395,111	400,123	383,441	1887
ALL MEMBER BANKS OF FEDERAL RESERVE SYSTEM ¹							
Number of banks.....	N 49	-----	Number.....	6,903	6,885	6,859	1915
Total assets or liabilities ⁶	N 50	-----	Mil. dols.....	127,259	133,742	141,612	1915
Selected assets:							
Loans.....	N 51	-----	do.....	34,456	37,658	46,866	1915
Investments.....	N 52	-----	do.....	60,859	65,087	59,698	1915
Cash and balances with other banks.*	N 53	-----	do.....	30,423	29,380		1915
Selected liabilities: Capital accounts.....	N 54	-----	do.....	9,022	9,523	33,244	1915
Deposits ⁶	N 55	-----	do.....	116,980	122,707	9,987	1915
NONMEMBER COMMERCIAL BANKS ¹							
Number of banks.....	N 56	-----	Number.....	7,250	7,262	7,251	1915
Loans.....	N 57	-----	Mil. dols.....	6,573	7,141	7,960	1915
Investments.....	N 58	-----	do.....	11,901	11,896	11,538	1915
Deposits.....	N 59	-----	do.....	20,556	21,137	21,737	1915

¹ Data as of June 30. ² Excludes reciprocal interbank demand balances.

³ Includes lawful reserve. ⁴ Includes capital reserve.

⁵ Data as of Dec. 31. ⁶ Excludes reciprocal bank balances.

TABLE A.—HISTORICAL STATISTICS: 1949 TO 1951—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see: App. I, table B; 1951 and 1950 *Abstracts*, App. I, table B; and 1949 *Abstract*, table 1102. Figures for 1951 are generally preliminary; 1949 and 1950 figures are subject to revision. Also, see headnote, p. 940]

SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
EARNINGS AND EXPENSES							
NATIONAL BANKS ¹							
Number of banks.....	N 60	457	Number.....	4,981	4,965	(?)	1869
Gross earnings*.....	N 61	457	1,000 dols.....	2,004,806	2,192,713	(?)	1888
Expenses*.....	N 62	457	do.....	1,442,806	1,592,558	(?)	1888
Net current earnings*.....	N 63	457	do.....	562,500	600,155	(?)	1888
Net losses including depreciation (-) or net recoveries (+)*.....	N 64	457	do.....	-87,619	-62,645	(?)	1888
Net profits.....	N 65	457	do.....	474,881	537,610	(?)	1869
Cash dividend declared*.....	N 66	457	do.....	204,744	229,504	(?)	1869
Ratio of net profits to total capital accounts.*.....	N 67	457	Percent.....	8.2	8.7	(?)	1869
MEMBER BANKS OF FEDERAL RESERVE SYSTEM ¹							
Number of banks.....	N 68	449	Number.....	6,892	6,873	6,840	1919
Earnings.....	N 69	449	1,000 dols.....	2,985,639	3,264,686	3,696,000	1919
Expenses ²	N 70	449	do.....	2,163,981	2,388,806	2,749,000	1919
Net current earnings ³	N 71	449	do.....	821,658	875,881	947,000	1919
Net losses (-) or net recoveries (+).....	N 72	449	do.....	-135,399	-95,091	-187,000	1919
Net profits.....	N 73	449	do.....	686,259	780,790	760,000	1919
Cash dividend declared ⁴	N 74	449	do.....	312,666	345,522	372,000	1919
Ratio of net profits to total capital accounts.....	N 75	449	Percent.....	7.6	8.3	7.6	1919
BANK DEBITS AND DEPOSIT TURNOVER							
BANK DEBITS TO DEPOSIT ACCOUNTS ⁵							
All reporting centers*.....	N 76	440	Mil. dols.....	1,231,053	1,403,752	1,577,856	1919
New York City.....	N 77	440	do.....	452,897	513,970	551,889	1919
140 other centers.....	N 78	440	do.....	648,976	742,458	854,050	1919
Other reporting centers ⁶ *.....	N 79	440	do.....	129,179	147,324	171,916	1919
ALL COMMERCIAL BANKS ⁷							
Total demand and time deposits:							
Debits.....	N 80	440	do.....	1,694,000	(?)	(?)	1919
Deposits.....	N 81	440	do.....	123,130	(?)	(?)	1919
Annual turnover rate.....	N 82	440	Rate.....	13.8	15.1	(?)	1919
Demand deposits:							
Debits.....	N 83	440	Mil. dols.....	1,658,000	1,892,000	(?)	1919
Deposits.....	N 84	440	do.....	87,040	91,010	(?)	1919
Annual turnover rate.....	N 85	440	Rate.....	19.0	20.8	(?)	1919
BANK CLEARINGS							
New York City.....	N 87	441	Mil. dols.....	358,845	399,309	431,775	1854
36 cities outside N. Y. C.....	N 89	441	do.....	356,111	403,905	455,776	1920
BRANCH BANKING ⁸							
Number of commercial banks operating branches.*.....	N 90	440	Number.....	1,220	1,285	1,355	1900
National.....	N 91	440	do.....	328	367	406	1900
State ⁹ *.....	N 92	440	do.....	892	918	949	1900
Number of branches ¹⁰ *.....	N 93	440	do.....	4,572	4,836	5,142	1900
National.....	N 94	440	do.....	2,085	2,230	2,368	1900
State ⁹ *.....	N 95	440	do.....	2,487	2,606	2,774	1900

¹ Calendar-year data. ² Not available.

³ Income taxes have been treated as an expense.

⁴ Includes interest on capital notes and debentures.

⁵ Except interbank accounts, reporting member and nonmember banks.

⁶ Comprises 192 reporting centers through 1950; thereafter, 201 centers.

⁷ Excludes interbank deposits and collection items. ⁸ As of Dec. 31.

⁹ Mutual savings banks and private banks and their branches excluded.

¹⁰ Includes "banking facilities" provided through arrangements made by Treasury Department with banks designated as depositories and financial agents of the Government.

TABLE A.—HISTORICAL STATISTICS: 1949 TO 1951—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see: App. I, table B; 1951 and 1950 *Abstracts*, App. I, table B; and 1949 *Abstract*, table 1102. Figures for 1951 are generally preliminary; 1949 and 1950 figures are subject to revision. Also, see headnote, p. 940]

SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
POSTAL SAVINGS SYSTEM							
Offices in operation.....	N 109	461	Number.....	7, 213	7, 215	7, 208	1911
Number of depositors.....	N 110	461	.....do.....	3,964,509	3,779,784	3,529,527	1911
Deposits.....	N 111	461	1,000 dols.....	1,947,293	1,827,913	1,603,327	1911
Withdrawals.....	N 112	461	.....do.....	2,048,965	2,007,999	1,912,444	1911
Balance to credit of depositors. ¹	N 113	461	.....do.....	3,277,402	3,097,316	2,788,199	1911
FEDERAL RESERVE BANKS							
PRINCIPAL ASSETS AND LIABILITIES²							
Reserves, total ³	N 114	451	.....do.....	23,176,223	21,457,632	21,468,067	1914
Reserve bank credit outstanding:							
Total loans and securities ⁴	N 115	451	.....do.....	18,964,512	20,847,518	23,825,342	1914
Discounts and advances ⁵	N 116	451	.....do.....	77,845	67,395	19,347	1914
U. S. Government securities.....	N 118	451	.....do.....	18,884,597	20,777,567	23,801,358	1914
Total assets or liabilities and capital accounts.....	N 119	451	.....do.....	45,643,097	47,172,314	49,899,836	1914
Deposits.....	N 120	452	.....do.....	18,906,232	19,809,553	21,191,576	1914
Member bank reserve account.....	N 121	452	.....do.....	16,568,088	17,680,744	20,055,716	1914
Federal Reserve notes.....	N 122	452	.....do.....	23,482,646	23,587,018	25,064,109	1914
Capital accounts.....	N 123	-----	.....do.....	832,125	868,544	908,852	1914
EARNINGS AND EXPENSES⁶							
Current earnings.....	N 124	-----	Dollars.....	316,536,930	275,838,994	394,656,074	1915
Current expenses.....	N 125	-----	.....do.....	77,477,676	80,571,771	95,469,088	1915
Net earnings ⁷	N 126	-----	.....do.....	226,936,980	231,561,340	297,059,097	1915
Disposition of net earnings:							
Dividends paid.....	N 127	-----	.....do.....	12,329,373	13,082,992	13,864,750	1915
Franchise tax paid ⁸	N 128	-----	.....do.....	193,145,837	196,628,858	254,873,588	1917
Transferred to surplus.....	N 130	-----	.....do.....	21,461,770	21,849,490	28,320,759	1917
MEMBER BANK RESERVE REQUIREMENTS							
Net demand deposits: ⁹							
Central reserve city banks.....	N 131	455	Percent of deposits.....	(⁹)	(⁹)	(⁹)	1917
Reserve city banks.....	N 132	455	.....do.....	(⁹)	(⁹)	(⁹)	1917
Country banks.....	N 133	455	.....do.....	(⁹)	(⁹)	(⁹)	1917
Time deposits (all member banks).....	N 134	455	.....do.....	(⁹)	(⁹)	(⁹)	1917
BANK SUSPENSIONS							
Number, total.....	N 135	465	Number.....	4	1	3	1864
State.....	N 137	-----	.....do.....	1	-----	1	1864
Private.....	N 138	-----	.....do.....	3	1	2	1892
Nonmember*.....	N 140	465	.....do.....	4	1	3	1921
Deposits, total*.....	N 141	465	1,000 dollars.....	2,443	42	2,189	1921
State.....	N 143	-----	.....do.....	1,007	-----	237	1921
Private.....	N 144	-----	.....do.....	1,436	42	1,952	1921
Nonmember*.....	N 146	465	.....do.....	2,443	42	2,189	1921
CURRENCY AND GOLD							
MONEY STOCK AND MONEY IN CIRCULATION¹⁰							
Total money in U. S.	N 148	438	.....do.....	53,103,980	52,440,353	50,985,939	1800
Money held in Treasury.....	N 149	438	.....do.....	26,861,355	26,646,409	24,175,565	1800
Money outside Treasury:							
In Federal Reserve Banks.....	N 150	438	.....do.....	3,874,816	3,819,755	4,197,063	1915
In circulation.....	N 151	438	.....do.....	27,492,910	27,156,290	27,809,230	1800

¹ Includes accounts shown on balance sheet as unclaimed.

² Data as of Dec. 31.

³ Includes industrial loans not shown separately.

⁴ Calendar-year data.

⁵ Current earnings less current expenses, plus other additions and less other deductions; before payments to U. S. Treasury.

⁶ Payments to U. S. Treasury (interest on Federal Reserve notes).

⁷ Demand deposits subject to reserve requirements.

⁸ See table 455, p. 401.

⁹ Data as of June 30.

TABLE A.—HISTORICAL STATISTICS: 1949 TO 1951—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see: App. I, table B; 1951 and 1950 Abstracts, App. I, table B; and 1949 Abstract, table 1102. Figures for 1951 are generally preliminary; 1949 and 1950 figures are subject to revision. Also, see headnote, p. 940]

SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
CURRENCY AND GOLD—							
Continued							
MONEY IN CIRCULATION BY KIND¹							
Gold certificates.....	N 153	439	1,000 dollars.....	42,665	40,772	39,070	1866
Silver dollars.....	N 154	439	do.....	163,894	170,185	180,013	1878
Silver certificates.....	N 155	439	do.....	2,060,852	2,177,251	2,092,174	1878
Treasury notes of 1890.....	N 156	439	do.....	1,145	1,145	1,145	1891
Subsidiary silver.....	N 158	439	do.....	939,568	964,709	1,019,824	1860
Minor coin.....	N 159	439	do.....	355,316	380,886	378,350	1900
Federal reserve notes.....	N 160	439	do.....	23,209,437	22,760,285	23,456,018	1915
Federal reserve bank notes.....	N 162	439	do.....	308,821	273,788	243,261	1916
U. S. notes.....	N 164	439	do.....	318,688	320,781	318,173	1862
National bank notes.....	N 165	439	do.....	92,524	86,488	81,202	1864
CHANGES IN GOLD STOCK OF THE UNITED STATES							
Gold stock (end of period).....	N 166	442	Mil. dols.....	24,427	22,706	22,695	1914
Increase in gold stock.....	N 167	442	do.....	183.2	-1,720.9	-10.9	1914
Domestic gold production ²	N 168	442	do.....	67.3	80.1	69.9	1914
Net gold import (+).....	N 169	442	do.....	+686.5	-371.3	-549.0	1914
Earmarked gold; decrease (+) or increase (-).....	N 170	442	do.....	-495.7	-1,352.4	617.6	1916
Gold under earmark (end of period).....	N 171	442	do.....	4,273.3	5,625.7	5,008.2	1916
ADJUSTED DEPOSITS OF BANKS AND CURRENCY OUTSIDE BANKS¹							
Total deposits adjusted and currency outside banks.....	N 172	437	do.....	167,930	173,765	181,016	1892
Demand deposits adjusted and currency outside banks.....	N 173	437	do.....	107,143	110,225	114,736	1892
Total deposits adjusted.....	N 174	437	do.....	142,664	148,580	155,240	1892
Demand deposits adjusted ³	N 175	437	do.....	81,877	85,040	88,960	1892
U. S. Government deposits ⁴	N 176	437	do.....	2,304	3,801	6,332	1892
Time deposits ⁵	N 177	437	do.....	58,483	59,739	59,948	1892
Currency outside banks.....	N 178	437	do.....	25,206	25,185	25,776	1892
COINAGE							
Total.....	N 179	443	Dollars.....	23,346,081	41,891,118	74,736,480	1793
Silver.....	N 181	443	do.....	18,650,806	34,005,833	61,434,220	1794
Minor coin.....	N 182	443	do.....	9,695,275	7,885,285	13,302,260	1793
SILVER PRICES							
Bullion value, silver dollar ^{6*}	N 183	444	do.....	0.55689	0.57423	(7)	1837
Average commercial ratio of silver to gold.*.....	N 184	444	Ratio.....	48.61	47.14	(7)	1789
SHORT-TERM INTEREST RATES							
OPEN-MARKET RATES, N. Y. C.							
Stock exchange time loans, 90 days. ⁸	N 185	492	Percent per annum.....	1.63	1.63	2.30	1890
Prime commercial paper, 4 to 6 months. ⁹	N 186	492	do.....	1.48	1.45	2.17	1890
Stock exchange renewal call loans. ⁹	N 187	492	do.....	1.63	1.63	2.17	1890

¹ Data as of June 30.

² Estimates of United States Mint for 1949 and 1950; figure for 1951 is estimate of American Bureau of Metal Statistics.

³ Includes demand deposits, other than interbank and U. S. Government, less cash items in process of collection.

⁴ Includes U. S. Treasurer's time deposits, open account.

⁵ Includes amounts held by commercial banks, mutual savings banks, and the Postal Savings System. Excludes interbank time deposits, U. S. Treasurer's time deposits, open account; and deposits of Postal Savings System in banks.

⁶ Value of silver dollar at annual average price of silver for each calendar year.

⁷ Not available.

⁸ Averages of weekly prevailing rates.

⁹ Averages of daily quotations.

TABLE A.—HISTORICAL STATISTICS: 1949 TO 1951—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see: App. I, table B; 1951 and 1950 Abstracts, App. I, table B; and 1949 Abstract, table 1102. Figures for 1951 are generally preliminary; 1949 and 1950 figures are subject to revision. Also, see headnote, p. 940]

SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
SHORT-TERM INTEREST RATES—Continued							
COMMERCIAL LOAN RATES (NEW SERIES) ¹							
Total, 19 cities*-----	N 188a	493	Percent per annum.	2.7	2.7	3.1	-----
New York City*-----	N 189a	493	do-----	2.4	2.4	2.8	-----
7 Northern and Eastern cities.*	N 190a	493	do-----	2.7	2.7	3.1	-----
11 Southern and Western cities.*	N 191a	493	do-----	3.1	3.2	3.5	-----
BOND AND STOCK YIELDS							
BASIC YIELDS OF CORPORATE BONDS							
Years of maturity: ²							
5 years*-----	N 197	497	Percent per annum.	1.92	\$ 1.90	\$ 2.22	1900
10 years*-----	N 198	497	do-----	2.32	2.30	2.39	1900
20 years*-----	N 199	497	do-----	2.62	2.48	2.59	1900
40 years*-----	N 200	497	do-----	2.80	\$ 2.63	2.72	1900
BY KIND							
Bonds:							
U. S. Government ⁴ -----	N 203a	497	do-----	2.31	2.32	2.57	-----
Municipal high grade-----	N 204	497	do-----	2.21	1.98	2.00	1919
Preferred stocks ⁵ -----	N 205	497	Percent-----	3.97	3.85	4.11	1919
BOND AND STOCK PRICES							
Bonds:							
U. S. Government ⁴ *-----	N 212	495	Per \$100 bond-----	\$102.7	\$102.5	\$98.9	1919
Municipal high grade ⁶ -----	N 213	495	do-----	128.9	133.4	133.0	1919
Corporate high grade ⁶ *-----	N 214	495	do-----	121.0	121.9	117.7	1919
CAPITAL ISSUES							
NEW CAPITAL AND REFUNDING							
Total issues-----	N 221	506	Mil. dols-----	9,832.8	11,067.3	12,371.8	1919
New capital-----	N 222	506	do-----	8,240.0	8,346.7	10,115.7	1919
Refunding-----	N 223	506	do-----	1,592.8	2,720.6	2,256.0	1919
CORPORATE ISSUES BY CLASS OF SECURITY							
Total-----	N 224	506	do-----	5,601.4	5,886.9	6,659.9	1910
Long-term bonds and notes-----	N 225	506	do-----	4,567.8	4,417.9	4,866.3	1910
Short-term bonds and notes-----	N 226	506	do-----	7.9	177.4	6.0	1910
Stocks-----	N 227	506	do-----	1,025.6	1,291.6	1,787.6	1910
VOLUME OF SALES ON N.Y. STOCK EXCHANGE							
Stocks-----	N 228	500	Mil. shares-----	271	525	444	1900
Bonds, par value:							
Total-----	N 229	500	Mil. dols-----	816	1,112	824	1910
Corporate-----	N 230	500	do-----	723	1,008	730	1910
U. S. Government-----	N 231	500	do-----	(⁷)	2	2	1910
State, municipal, foreign-----	N 232	500	do-----	93	103	92	1910

¹ Series N 188a-191a are new series, substituted for series N 188-191 which have been discontinued.

² 1948 data not previously shown are as follows: N 197, 2.03; N 198, 2.53; N 199, 2.73; and N 200, 2.85.

³ More than usually liable to error.

⁴ Average of taxable bonds due or callable in 15 years and over.

⁵ Based on 11 stocks.

⁶ Prices derived from average yields in a list of 15 issues for municipal and 17 issues for corporate, on basis of a 4 percent 20-year bond.

⁷ Less than \$500,000.

TABLE A.—HISTORICAL STATISTICS: 1949 to 1951—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see: App. I, table B; 1951 and 1950 *Abstracts*, App. I, table B; and 1949 *Abstract*, table 1102. Figures for 1951 are generally preliminary; 1949 and 1950 figures are subject to revision. Also, see headnote, p. 940]

SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
ELECTIONS AND POLITICS							
Presidential vote ¹	P 27-31						1789
Congressional bills vetoed ²	P 32-39	355		(2)	(3)	(3)	1789
Congressional bills, acts, and resolutions, ³	P 40-49	354		(3)	(3)	(3)	1789
Political party affiliations in Congress and the Presidency, ⁴	P 50-56	353		(4)	(4)	(4)	1789
Apportionment of representatives (83d Congress):							
Population base.....	P 57		Number.....		149,895,183		1790
Act of Nov. 15, 1941:							
States.....	P 58		do.....		48		1790
Representatives.....	P 59	345	do.....		435		1790
Population per representative.....	P 61		do.....		344,587		1790
GOVERNMENT EMPLOYMENT							
FEDERAL GOVERNMENT EMPLOYMENT							
Paid employees in executive branch, Fed. govt., total.....	P 62	397	Number.....	2,109,642	1,966,448	2,486,491	1816
Washington, D. C., metropolitan area.*.....	P 63	395	do.....	217,237	213,776	256,096	1905
All other areas*.....	P 64		do.....	1,892,405	1,752,672	2,230,395	1905
CIVIL SERVICE CLASSIFIED COMPETITIVE POSITIONS							
Number of positions.....	P 65	397	do.....	1,802,708	1,687,594	2,175,668	1884
Persons examined.....	P 66	397	do.....	1,947,147	1,682,830	1,870,728	1884
Persons passed.....	P 67	397	do.....	1,122,023	935,813	1,069,442	1884
Persons appointed ⁵	P 68	397	do.....	504,660	336,600	578,539	1884
EMPLOYMENT AND PAY ROLLS⁶							
Number of public employees:							
Total ⁷	P 70		Thousands.....	6,212	6,338	6,754	1940
Federal ⁸	P 71a	394	do.....	2,101	2,081	2,466	
State and local:							
Total.....	P 74		do.....	4,111	4,257	4,288	1940
School.....	P 75		do.....	1,647	1,701	1,755	1929
Nonschool:							
Total.....	P 77		do.....	2,464	2,556	2,533	1940
State.....	P 78		do.....	703	736	736	1929
Local.....	P 80		do.....	1,762	1,820	1,797	1940

¹ Presidential election, 1948: Harry S. Truman; Democratic, Liberal; electoral 303; popular 24,105,695. Thomas E. Dewey; Republican; electoral 139; popular 21,969,170. J. Strom Thurmond; States' Rights Democrat; electoral 39; popular 1,169,021. Henry A. Wallace; Progressive, American Labor; popular 1,156,103. Norman Thomas; Socialist; popular 139,009. Claude A. Watson; Prohibition; popular 103,216. Edward A. Teichert; Socialist-Labor; Industrial Government; popular 29,061. Farrel Dobbs; Socialist Workers, Militant Workers; popular 13,613. See tables 344 and 346.

² For 1945-1951 (through 82d Cong.). President Truman. Total 241; regular 175; pocket 66. Vetoes sustained 230. Bills passed over veto 11. Major appropriation bills vetoed, purpose and fiscal year: Supplemental Federal Security Agency bill, 1949. Subsequent action on bill: Veto overridden.

³ 1949-50; 81st Cong. Measures introduced: Total 14,988; bills 14,219; joint resolutions 769. Measures enacted (shown as "measures passed" in *Historical Statistics*): Total 2,024; public, total 921, acts 921; private, total 1,103, acts 1,103. 1950-1951; 82d Cong., 1st session. Measures introduced: Total 8,679; bills 8,215; joint resolutions 464. Measures enacted: Total 666; public, total 255, acts 255; private, total 411, acts 411.

⁴ 1947-1948; 80th Cong. House: Major party 245 R; principal minority party 188 D; other (except vacancies) 1. Senate: Major party 51 R; principal minority party 45 D. President (D) Truman. 1949-1950; 81st Cong. House: Major party 263 D; principal minority party 171 R; other (except vacancies) 1. Senate: Major party 54 D; principal minority party 42 R. President (D) Truman. 1951; 82d Cong. House: Major party 234 D; principal minority party 199 R; other (except vacancies) 2. Senate: Major party 48 D; principal minority party 47 R; other (except vacancies) 1. President (D) Truman.

⁵ Excludes temporary appointments pending establishment of registers.

⁶ All figures monthly averages.

⁷ Includes all officials and employees receiving any compensation except school board members.

⁸ Series P 71a is a new series and is a substitute for series P 71-72 which are no longer available separately.

TABLE A.—HISTORICAL STATISTICS: 1949 TO 1951—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see: App. I, table B; 1951 and 1950 *Abstracts*, App. I, table B; and 1949 *Abstract*, table 1102. Figures for 1951 are generally preliminary; 1949 and 1950 figures are subject to revision. Also, see headnote, p. 940]

SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
GOVT. EMPLOYMENT—Continued							
EMPLOYMENT AND PAY ROLLS—continued							
Monthly public pay rolls ¹	P 81		Mil. dols.	1,401.6	1,479.8	1,721.2	1929
Federal ² *	P 82a		do.	558.3	585.6	749.6	-----
State and local	P 84		do.	841.8	894.2	971.6	1929
School ³	P 85		do.	374.6	398.2	431.6	1929
Nonschool	P 86		do.	466.7	496.0	540.0	1929
State	P 87		do.	143.6	155.2	169.4	1929
Local	P 88		do.	323.1	340.9	370.6	1929
FEDERAL GOVERNMENT FINANCES							
TREASURY RECEIPTS⁴							
Net receipts ⁵ *	P 89a	356	1,000 dols.	38,245,668	37,044,734	48,142,605	-----
Total receipts ⁶ *	P 89	356	do.	42,773,506	41,310,628	53,368,672	1789
Customs	P 90	356	do.	384,485	422,650	624,008	1789
Internal revenue:							
Income and profits taxes	P 91	356	do.	29,482,284	28,262,671	37,752,554	1863
Other *	P 92	356	do.	10,825,001	11,185,936	13,353,541	1792
Other receipts *	P 93	356	do.	2,081,736	1,439,370	1,638,569	1789
Surplus postal receipts	P 95		do.	-----	-----	-----	1793
Miscellaneous receipts ⁷ *	P 96		do.	2,081,736	1,439,370	1,638,569	1789
Surplus (+) or deficit (-):							
Net(excl. debt retirements) *	P 98	356	do.	-1,811,440	-3,122,102	+3,509,783	1789
TREASURY EXPENDITURES⁴							
Total expenditures, excluding debt retirements, ⁷ *	P 99	357	do.	\$ 40,057,108	40,166,836	44,632,822	1789
Dept. of the Army (including rivers and harbors, and Panama Canal), ⁸	P 100	357	do.	9,552,858	9,310,100	14,958,778	1789
Dept. of the Navy *	P 101	357	do.	4,434,706	4,129,546	5,862,702	1789
Interest on public debt	P 102	357	do.	5,339,396	5,749,913	5,612,655	1789
Other expenditures ⁷ *	P 103	357	do.	20,730,148	20,977,277	18,198,687	1789
Postal deficiencies	P 106		do.	524,297	592,514	624,169	1841
Civil and miscellaneous ⁷ *	P 107		do.	20,205,851	20,384,763	17,574,517	1789
Statutory debt retirements (sinking fund, etc.).	P 108		do.	7,758	51,709	1,232	1918
INTERNAL REVENUE COLLECTIONS, BY SELECTED TAX SOURCES							
Total internal revenue collections ¹⁰ *	P 109	364	do.	40,463,119	38,957,126	50,445,686	1863
Total internal revenue collections ¹⁰ *	P 109a	365	do.	40,463,125	38,957,132	50,445,686	-----
Selected tax sources:							
Liquor taxes ⁹ *	P 110	365	do.	2,210,607	2,219,202	2,546,808	1863
Distilled spirits and wines, including special taxes *	P 111	365	do.	1,519,810	1,547,007	1,877,337	1863
Fermented malt liquors, including special taxes.	P 112	365	do.	690,797	672,195	669,471	1863

¹ All figures monthly averages.

² Series P 82a is a new series and is a substitute for series P 82-83 which are no longer available separately.

³ Average for school term.

⁴ Effective Jan. 3, 1949, amounts refunded by government, principally for overpayment of taxes, are being reported as deductions from total receipts rather than as expenditures. Also, effective July 1, 1948, payments to Treasury, principally by wholly owned Government corporations for retirement of capital stock and for disposition of earnings, have been excluded in reporting both budget receipts and expenditures.

⁵ Net receipts equal total receipts (series P 89) less appropriation to Federal old-age and survivors insurance trust fund and refunds of receipts.

⁶ Comprises railroad unemployment insurance contributions, proceeds of Government-owned securities, Panama Canal tolls, etc., proceeds from sales of surplus property, deposits resulting from renegotiation of war contracts, seigniorage, and other miscellaneous.

⁷ Include net expenditures of wholly owned Government corporations and agencies except, beginning with fiscal year 1951, their net investments in public debt securities.

⁸ For comparability with earlier years, all transactions relating to Foreign Economic Cooperation Trust Fund (amounting to \$3,000,000,000) have been consolidated with budget expenditures.

⁹ Title changed pursuant to act of July 26, 1947; subsequently includes expenditures of Department of Air Force. Expenditures for Office of Secretary of Defense included in series P 103 and P 107.

¹⁰ Figures for series P 109 exclude trust fund receipts; those for series P 109a through P 129 include trust fund receipts. Includes income tax on Alaska Railway.

TABLE A.—HISTORICAL STATISTICS: 1949 TO 1951—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see: App. I, table B; 1951 and 1950 *Abstracts*, App. I, table B; and 1949 *Abstract*, table 1102. Figures for 1951 are generally preliminary; 1949 and 1950 figures are subject to revision. Also, see headnote, p. 940]

SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
FEDERAL GOVERNMENT FINANCES—Continued							
INTERNAL REVENUE COLLECTIONS, BY SELECT TAX SOURCES—continued							
Selected tax sources—Con.							
Total stamp taxes (including playing cards).....	P 113	365	1,000 dols.....	72,828	84,648	98,107	1863
Tobacco manufactures, including special taxes in effect to June 30, 1926.....	P 114	365	do.....	1,321,875	1,328,464	1,380,396	1863
Manufacturers', etc., excise.....	P 115	365	do.....	1,771,533	1,836,053	2,383,677	1863
Oleomargarine, including special taxes.....	P 116	365	do.....	17,541	29,297	35	1887
Telegraph, telephone, cable and radio facilities, etc.....	P 117	365	do.....	535,910	559,620	644,980	1918
Transportation, including oil by pipeline.....	P 118	365	do.....	607,743	568,850	643,905	1918
Admissions.....	P 119	365	do.....	434,700	412,697	389,138	1918
INTERNAL REVENUE COLLECTIONS, INCOME, EXCESS PROFITS TAXES, ETC.							
Total income and profits taxes ²	P 120	365	do.....	29,605,491	28,007,659	37,384,879	1863
Corporation income taxes ²	P 121	365	do.....	11,553,669	10,354,331	14,387,569	1916
Normal and surtaxes.....	P 122	365	do.....	11,342,644	10,759,386	(³)	1916
Excess profits tax.....	P 123	365	do.....	211,025	94,765	(³)	1917
Individual income taxes.....	P 125	365	do.....	18,051,822	17,153,308	22,997,309	1916
Capital stock.....	P 126	365	do.....	6,138	266	(³)	1917
Estate.....	P 127	365	do.....	735,781	657,441	638,523	1917
Gift.....	P 128	365	do.....	60,757	48,785	61,207	1925
Employment.....	P 129	365	do.....	2,476,113	2,644,376	4,362,480	1936
PUBLIC DEBT							
Principal of public debt outstanding: ⁶							
Total gross debt.....	P 132	383	do.....	252,770,360	257,357,352	255,221,977	1791
Per capita*.....	P 133	383	Dollars.....	1,604.75	1,606.61	1,653.37	1851
Matured.....	P 134	383	1,000 dols.....	244,757	264,771	512,047	1853
Noninterest-bearing.....	P 135	383	do.....	1,763,966	1,883,228	1,858,165	1862
Interest-bearing*.....	P 136	383	do.....	250,761,637	255,209,353	252,851,765	1853
Computed annual interest charge,*.....	P 137	383	do.....	5,605,930	6,612,677	5,739,616	1855
Computed rate of interest.....	P 138	383	Percent.....	2.236	2.200	2.270	1916
Composition of interest-bearing debt:							
Bonds:							
U. S. Savings.....	P 139	383	Mil. dols.....	56,260	57,536	57,572	1935
Other bonds.....	P 140	383	do.....	112,306	104,490	93,881	1880
Treasury bills, etc.....	P 141	383	do.....	40,964	31,951	23,123	1880
Notes.....	P 142	383	do.....	8,456	28,876	43,624	1916
Special issues.....	P 143	383	do.....	32,776	32,356	34,653	1925
INCOME TAX RETURNS, INDIVIDUAL, ESTATE, AND TRUST							
For returns with net (adjusted gross) income:							
Number, total.....	P 144	370	Thousands.....	51,402	(⁵)	(⁵)	1913
Taxable.....	P 145	370	do.....	35,728	(⁵)	(⁵)	1916
Net (adjusted gross) income.....	P 146	370	Mil. dols.....	162,300	(⁵)	(⁵)	1913
Total tax less credits.....	P 147	370	do.....	14,682	(⁵)	(⁵)	1913

¹ Includes tax on transportation of persons and on transportation of property.

² Includes income tax on Alaska Railway.

³ Included in series P 121. Not reported separately.

⁴ Estimated. See table 364, note 1.

⁵ Not available.

⁶ Data as of June 30.

TABLE A.—HISTORICAL STATISTICS: 1949 TO 1951—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see App. I, table B; 1951 and 1950 *Abstracts*, App. I, table B; and 1949 *Abstract*, table 1102. Figures for 1951 are generally preliminary; 1949 and 1950 figures are subject to revision. Also, see headnote, p. 940]

SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
FEDERAL GOVERNMENT FINANCES—Continued							
INCOME TAX RETURNS, CORPORATION							
Total number of returns *	P 152	376	Number	649, 957	(1)	(1)	1909
For returns with net income:							
Number of returns *	P 153	376	do.	384, 772	(1)	(1)	1909
Gross income ² *	P 154	376	1,000 dols.	349, 979, 526	(1)	(1)	1916
Net income *	P 155	376	do.	30, 576, 517	(1)	(1)	1909
Total tax *	P 156	376	do.	9, 817, 308	(1)	(1)	1909
Income tax *	P 157	376	do.	9, 817, 308	(1)	(1)	1909
Dividends paid *	P 159	376	do.	10, 173, 408	(1)	(1)	1922
For returns with no net income:							
Number of returns	P 160	376	Number	230, 070	(1)	(1)	1909
Gross income ²	P 161	376	1,000 dols.	43, 278, 394	(1)	(1)	1916
Deficit	P 162	376	do.	2, 331, 680	(1)	(1)	1916
Dividends paid *	P 163	376	do.	185, 227	(1)	(1)	1922
Number of returns of inactive corporations.	P 164	376	Number	35, 115	(1)	(1)	1927
POSTAL RECEIPTS AND EXPENDITURES							
As reported by Post Office Department:							
Postal revenues ³	P 165	564	1,000 dols.	1, 571, 851	1, 677, 487	(1)	1789
Postal expenditures	P 166	564	do.	2, 149, 297	2, 222, 906	(1)	1789
Surplus (+) or deficit (-)	P 167	564	do.	-577, 471	-545, 462	(1)	1789
Treasury accounts:							
Surplus revenue paid into Treasury.	P 168	564	do.				1793
Grants from Treasury to cover postal deficiencies.	P 169	564	do.	524, 297	592, 514	624, 169	1841
COPYRIGHTS, PATENTS, AND TRADE-MARKS							
COPYRIGHT REGISTRATIONS ⁴							
Total registrations ⁵	P 170a	563	Number	201, 190	210, 564	200, 354	
Total registrations, except commercial prints and labels. ⁶	P 170	563	do.	187, 957	197, 244	192, 951	1898
Selected subjects:							
Books, pamphlets, and contributions.	P 171	563	do.	51, 562	54, 894	50, 533	1902
Books printed only in United States.	P 172	563	do.	10, 254	11, 323	11, 272	1927
Books and pamphlets printed abroad in a foreign language.	P 173	563	do.	2, 644	3, 710	3, 536	1910
Musical compositions.	P 174	563	do.	48, 210	52, 309	48, 319	1902
Commercial prints and labels: ⁷							
For calendar year.	P 175	563	do.	13, 596	12, 690	11, 724	
For fiscal year ending June 30. ⁸	P 175a	563	do.	13, 233	13, 320	11, 981	1874
PATENTS AND TRADE-MARKS							
Patents granted	P 176	540	do.	39, 809	48, 009	48, 719	1790
Inventions ⁹	P 177	540	do.	35, 240	43, 162	44, 421	1838
Design	P 178	540	do.	4, 451	4, 718	4, 164	1843
Reissue	P 179	540	do.	118	129	134	1838
To residents of foreign countries. ¹⁰	P 180	541	do.	3, 105	4, 408	4, 888	1836

¹ Not available.

² "Gross income" differs from "Total compiled receipts" in that the former excludes wholly tax-exempt interest. "Gross income" does not appear in *Statistics of Income* after 1945.

³ Includes adjusted losses, etc.

⁴ For fiscal year ending June 30.

⁵ Comparable statistics for 1941-46 are: 180,647; 182,232; 160,789; 169,269; 178,848; 202,144.

⁶ Includes renewals of commercial prints and labels.

⁷ Excludes renewals.

⁸ Comparable statistics for 1941-46 are: 7,152; 7,162; 5,385; 5,953; 7,403; 7,975.

⁹ Includes plant inventions. ¹⁰ Included in series P 176-178.

TABLE A.—HISTORICAL STATISTICS: 1949 TO 1951—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see: App. I, table B; 1951 and 1950 *Abstracts*, App. I, table B; and 1949 *Abstract*, table 1102. Figures for 1951 are generally preliminary; 1949 and 1950 figures are subject to revision. Also, see headnote, p. 940]

SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
COPYRIGHTS, PATENTS, AND TRADE-MARKS—Con.							
PATENTS AND TRADE-MARKS—continued							
Applications for patents filed.....	P 181	540	Number.....	74,810	74,295	64,949	1840
Inventions.....	P 182	-----	do.....	67,662	67,369	60,509	1867
Design.....	P 183	-----	do.....	6,998	6,739	4,279	1880
Reissue.....	P 184	-----	do.....	150	187	161	1877
Trade-mark registrations.....	P 185	540	do.....	¹ 19,769	¹ 20,393	¹ 20,730	1870
Registered.....	P 186	540	do.....	16,972	16,829	17,380	1925
Renewed.....	P 187	540	do.....	3,787	3,564	3,350	1925
STATE AND LOCAL GOVERNMENT							
GENERAL REVENUE AND EXPENDITURE, AND GROSS DEBT							
State and local governments:							
General revenue, total*.....	P 188A	410	Mil. dols.....	19,711	21,309	(2)	1890
Property*.....	P 189A	411	do.....	6,842	7,366	(2)	1890
Other taxes*.....	P 190A	411	do.....	8,924	9,575	(2)	1890
Aid received from other governments.*	P 191A	410	do.....	1,800	2,008	(2)	1902
Charges and misc.....	P 192A	410	do.....	2,144	2,270	(2)	1890
General expenditures, total*.....	P 193A	409	do.....	(3)	(3)	(3)	1942
Total excluding provision for debt retirement.*	P 194A	409	do.....	(3)	(3)	(3)	1890
Operation*.....	P 196A	409	do.....	(3)	(3)	(3)	1890
Interest*.....	P 199A	409	do.....	(3)	(3)	(3)	1890
Gross debt less sinking funds (general and enterprise).*	P 201A	-----	do.....	⁴ 18,252	⁴ 21,234	⁴ 24,025	1890
State governments:							
General revenue, total*.....	P 188B	421	do.....	10,986	11,863	(2)	1890
Property.....	P 189B	421	do.....	276	311	(2)	1890
Other taxes*.....	P 190B	421	do.....	8,073	8,629	(2)	1890
Aid received from other governments.....	P 191B	421	do.....	1,760	2,030	(2)	1902
Charges and misc*.....	P 192B	421	do.....	878	893	(2)	1890
General expenditure, total*.....	P 193B	421	do.....	11,782	13,183	(2)	1940
Provision for debt retirement.....	P 194B	421	do.....	226	275	(2)	1940
Total excluding provision for debt retirement.*	P 195B	421	do.....	11,557	12,907	(2)	1890
Operation*.....	P 196B	421	do.....	4,972	5,457	(2)	1890
Aid paid to local governments.*	P 197B	421	do.....	3,544	4,011	(2)	1902
Capital outlay.....	P 198B	421	do.....	1,827	2,112	(2)	1902
Interest.....	P 199B	421	do.....	76	88	(2)	1890
Contributions to trust funds and enterprises.....	P 200B	421	do.....	1,136	1,239	(2)	1915
Gross debt less sinking funds (general and enterprise).*	P 201B	-----	do.....	⁴ 3,286	⁴ 4,438	⁴ 5,366	1890
Local governments:							
General revenue, total*.....	P 188C	410	do.....	12,482	13,545	(2)	1890
Property*.....	P 189C	411	do.....	6,566	7,056	(2)	1890
Other taxes*.....	P 190C	411	do.....	851	946	(2)	1890
Aid received from other governments.*	P 191C	410	do.....	3,798	4,166	(2)	1902
Charges and misc*.....	P 192C	410	do.....	1,266	1,377	(2)	1890
Gross debt less sinking funds (general and enterprise).*	P 201C	-----	do.....	⁴ 14,966	⁴ 16,796	⁴ 18,669	1890

¹ Excludes 12,983 trade-mark republications (under Trade-Mark Act of 1946) of trade-marks registered under prior acts for 1949; 2,053 for 1950; and 1,297 for 1951.

² Not available. ³ See revision table B, p. 1006.

⁴ Data as of June 30.

TABLE A.—HISTORICAL STATISTICS: 1949 to 1951—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see: App. I, table B; 1951 and 1950 *Abstracts*, App. I, table B; and 1949 *Abstract*, table 1102. Figures for 1951 are generally preliminary; 1949 and 1950 figures are subject to revision. Also, see headnote, p. 940]

SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
STATE AND LOCAL GOVERNMENT—Con.							
GENERAL REVENUE AND EXPENDITURE, AND GROSS DEBT—continued							
Counties:							
General revenue, total*-----	P 188D	410	Mil. dols.-----	3,035	3,316	(1)	1890
Property*-----	P 189D	435	do-----	1,470	1,600	(1)	1902
Other taxes*-----	P 190D	435	do-----	73	79	(1)	1901
Aid received from other governments.*-----	P 191D	410	do-----	1,138	1,259	(1)	1902
Charges and misc.*-----	P 192D	410	do-----	354	379	(1)	1902
Gross debt less sinking funds (general and enterprise).*	P 201D	-----	do-----	² 1,479	² 1,589	² 1,787	1890
Local governments other than counties:							
General revenue, total*-----	P 188E	410	do-----	9,448	10,229	(1)	1890
Property*-----	P 189E	-----	do-----	5,097	5,456	(1)	1902
Other taxes*-----	P 190E	-----	do-----	778	867	(1)	1902
Aid received from other governments.*-----	P 191E	410	do-----	2,661	2,908	(1)	1902
Charges and misc.*-----	P 192E	410	do-----	912	998	(1)	1902
Gross debt less sinking funds (general and enterprise).*	P 201E	-----	do-----	³ 13,487	² 15,207	² 16,882	1890
City corporations:							
General revenue, total*-----	P 188F	410	do-----	5,019	5,376	(1)	1902
Property*-----	P 189F	-----	do-----	2,657	2,814	(1)	1902
Other taxes*-----	P 190F	-----	do-----	780	841	(1)	1902
Aid received from other governments.*-----	P 191F	410	do-----	983	1,036	(1)	1902
Charges and misc.*-----	P 192F	410	do-----	619	684	(1)	1902
Gross debt less sinking funds (general and enterprise).*	P 201F	-----	do-----	² 8,089	² 9,345	² 10,153	1902
Other local governments (townships, school districts, and special districts):							
General revenue, total*-----	P 188G	410	do-----	4,429	4,853	(1)	1902
Property*-----	P 189G	-----	do-----	2,440	2,642	(1)	1902
Other taxes*-----	P 190G	-----	do-----	18	26	(1)	1902
Aid received from other governments.*-----	P 191G	410	do-----	1,678	1,872	(1)	1902
Charges and misc.*-----	P 192G	410	do-----	293	314	(1)	1902
Gross debt less sinking funds (general and enterprise).*	P 201G	-----	do-----	² 5,398	² 5,862	² 6,729	1902
GENERAL EXPENDITURES FOR OPERATION							
State governments:							
Total*-----	P 202B	421	do-----	4,972	5,457	(1)	1890
General control*-----	P 203B	421	do-----	292	310	(1)	1890
Public safety*-----	P 204B	421	do-----	224	242	(1)	1890
Highways*-----	P 205B	421	do-----	547	567	(1)	1902
Sanitation and health*-----	P 206B	421	do-----	109	126	(1)	1902
Hospitals, public welfare, correction.*-----	P 207B	421	do-----	2,029	2,365	(1)	1890
Schools*-----	P 208B	421	do-----	754	829	(1)	1890
Libraries*-----	P 209B	-----	do-----	5	5	(1)	1913
Recreation*-----	P 210B	-----	do-----	24	29	(1)	1902
Other*-----	P 211B	-----	do-----	988	984	(1)	1890

¹ Not available.

² Data as of June 30.

³ Includes a small unsegregable amount of other taxes.

TABLE A.—HISTORICAL STATISTICS: 1949 TO 1951—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see: App. I, table B; 1951 and 1950 *Abstracts*, App. I, table B; and 1949 *Abstract*, table 1102. Figures for 1951 are generally preliminary; 1949 and 1950 figures are subject to revision. Also, see headnote, p. 940]

SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
STATE AND LOCAL GOVERNMENT—Con.							
TOWNSHIPS AND DISTRICTS							
General revenue, total*.....	P 212	-----	Mil. dols.-----	4,420	4,852	(1)	1932
School districts*.....	P 214	-----	do.-----	3,662	4,054	(1)	1932
Gross debt less sinking funds*..	P 212	-----	do.-----	5,398	5,862	6,720	1902
Townships*.....	P 213	-----	do.-----	294	328	400	1902
School districts*.....	P 214	-----	do.-----	2,024	2,579	3,076	1902
Special districts*.....	P 215	-----	do.-----	3,080	2,955	3,253	1902
GROSS AND NET GENERAL REVENUE							
State and local governments:							
Gross revenue*.....	P 216	-----	do.-----	23,469	25,408	(1)	1902
Less duplication*.....	P 217	-----	do.-----	3,759	4,099	(1)	1902
Net revenue*.....	P 218	-----	do.-----	19,710	21,309	(1)	1902
Aid from Federal Govt.*.....	P 219	-----	do.-----	1,800	2,098	(1)	1902
From State and local sources.*.....	P 220	-----	do.-----	17,910	19,211	(1)	1902
STATE GOVTS., GENERAL FUNCTIONAL EXPENDITURE							
Total operation, aid, and capital outlay:							
Total*.....	P 224A	-----	do.-----	10,344	11,580	(1)	1915
General control*.....	P 225A	-----	do.-----	314	338	(1)	1915
Public safety*.....	P 226A	-----	do.-----	285	325	(1)	1915
Highways*.....	P 227A	-----	do.-----	2,440	2,581	(1)	1915
Sanitation and health*.....	P 228A	-----	do.-----	150	178	(1)	1915
Hospitals and institutions for the handicapped.*.....	P 229A	-----	do.-----	732	901	(1)	1915
Public welfare*.....	P 230A	-----	do.-----	1,954	2,357	(1)	1915
Correction*.....	P 231A	-----	do.-----	168	195	(1)	1915
Schools*.....	P 232A	-----	do.-----	2,703	3,076	(1)	1915
Natural resources.....	P 233A	-----	do.-----	334	367	(1)	1915
Other*.....	P 234A	-----	do.-----	1,283	1,262	(1)	1915
Operation:							
Total*.....	P 224B	421	do.-----	4,972	5,457	(1)	1915
General control.....	P 225B	421	do.-----	292	310	(1)	1915
Public safety.....	P 226B	421	do.-----	224	242	(1)	1915
Highways.....	P 227B	421	do.-----	547	567	(1)	1915
Sanitation and health*.....	P 228B	421	do.-----	109	126	(1)	1915
Hospitals and institutions for the handicapped.*.....	P 229B	421	do.-----	581	640	(1)	1915
Public welfare.....	P 230B	421	do.-----	1,306	1,578	(1)	1915
Correction.....	P 231B	421	do.-----	142	148	(1)	1915
Schools.....	P 232B	421	do.-----	754	829	(1)	1915
Natural resources.....	P 233B	421	do.-----	280	315	(1)	1915
Other.....	P 234B	421	do.-----	726	708	(1)	1915
Aid paid to local governments:							
Total*.....	P 224C	421	do.-----	3,544	4,011	(1)	1915
Public safety*.....	P 226C	421	do.-----	47	63	(1)	1937
Highways*.....	P 227C	421	do.-----	563	576	(1)	1915
Sanitation and health*.....	P 228C	421	do.-----	35	48	(1)	1937
Hospitals and institutions for the handicapped.*.....	P 229C	421	do.-----	27	42	(1)	1938
Public welfare*.....	P 230C	421	do.-----	642	773	(1)	1937
Schools*.....	P 232C	421	do.-----	1,728	1,982	(1)	1915
Natural resources.....	P 233C	421	do.-----	(1)	(1)	(1)	1937
Other*.....	P 234C	421	do.-----	503	526	(1)	1919

1 Not available.

2 Data as of June 30.

3 Comprises duplication State and local intergovernmental aid.

4 Comprises money grants and shared revenue; grants in kind and loans are excluded.

5 Minor amounts for aid paid to local governments for this function not separately reported; such amounts are included in the category "Other."

6 Consists largely of State aid for unspecified purposes; such aid is locally expendable for any function. Includes also minor amounts for functions not shown separately.

TABLE A.—HISTORICAL STATISTICS: 1949 to 1951—Continued

Asterisk (*) denotes series revised for earlier years; for revisions, see: App. I, table B; 1951 and 1950 *Abstracts*, App. I, table B; and 1949 *Abstract*, table 1102. Figures for 1951 are generally preliminary; 1949 and 1950 figures are subject to revision. Also, see headnote, p. 940]

SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
STATE AND LOCAL GOVERNMENT—Con.							
STATE GOVERNMENTS, GENERAL FUNCTIONAL EXPENDITURE—continued							
Capital outlay:							
Total*.....	P 224D	421	Mil. dols.....	1,827	2,112	(1)	1915
General control.....	P 225D	-----	do.....	22	28	(1)	1915
Public safety.....	P 226D	-----	do.....	14	20	(1)	1915
Highways*.....	P 227D	421	do.....	1,330	1,438	(1)	1915
Sanitation and health.....	P 228D	-----	do.....	6	4	(1)	1915
Hospitals and institutions for the handicapped.....	P 229D	-----	do.....	124	219	(1)	1915
Public welfare.....	P 230D	-----	do.....	6	6	(1)	1915
Correction.....	P 231D	-----	do.....	26	47	(1)	1915
Schools*.....	P 232D	421	do.....	221	265	(1)	1915
Natural resources.....	P 233D	-----	do.....	43	52	(1)	1915
Other*.....	P 234D	-----	do.....	34	33	(1)	1915
STATE TAX COLLECTIONS							
Total:							
Including unemployment compensation.*.....	P 235	421	do.....	8,349	8,940	(2)	1936
Excluding unemployment compensation.*.....	P 236	421	do.....	7,376	7,912	8,932	1915
General sales, use, and gross receipts.....	P 237	421	do.....	1,609	1,670	2,001	1930
Motor vehicle fuel sales.....	P 238	421	do.....	1,361	1,544	1,710	1919
Tobacco products sales.....	P 239	421	do.....	388	414	430	1930
Alcoholic beverage sales and licenses.*.....	P 240	-----	do.....	502	496	546	1915
Motor vehicle and operators licenses.*.....	P 241	421	do.....	665	756	840	1915
Income tax, total*.....	P 242	421	do.....	1,234	1,310	1,492	1915
Individual.....	P 243	421	do.....	593	724	810	1931
Corporation.....	P 244	421	do.....	641	586	682	1931
Property.....	P 245	421	do.....	276	311	346	1915
Death and gift*.....	P 246	411	do.....	176	171	196	1915
Severance.....	P 247	-----	do.....	201	211	222	1931
Unemployment compensation ³	P 248	421	do.....	973	1,028	(2)	1936
Other*.....	P 249	-----	do.....	963	1,028	1,150	1915
MAJOR CITIES, FINANCIAL SUMMARY ⁴							
General revenue, total*.....	P 250A	-----	do.....	3,217	3,502	(1)	1902
Selected classes:							
Property taxes*.....	P 251A	-----	do.....	1,685	1,807	(1)	1902
Other taxes ⁵	P 252A	-----	do.....	549	604	(1)	1902
Aid received from other governments. ⁵	P 253A	-----	do.....	672	744	(1)	1902
General expenditure, total.....	P 254A	-----	do.....	3,595	3,918	(1)	1941
Provision for debt retirement.....	P 255A	-----	do.....	217	234	(1)	1941
Total excluding provision for debt retirement.....	P 256A	-----	do.....	3,377	3,684	(1)	1902
Selected classes:							
Interest.....	P 257A	-----	do.....	100	104	(1)	1902
Contributions to trust funds and enterprises.....	P 258A	-----	do.....	281	298	(1)	1912
Debt:							
Total (general and enterprise):.....							
Gross.....	P 259A	-----	do.....	6,780	7,387	(1)	1902
Gross less sinking funds.....	P 260A	-----	do.....	5,387	6,040	(1)	1902
Total general debt*.....	P 261A	-----	do.....	3,304	3,597	(1)	1902
Number of cities.....	P 263A	-----	Number.....	92	106	(1)	1902

¹ Not available.

² Beginning with 1951, unemployment compensation receipts classified as insurance trust revenue and not tax revenue.

³ Represents net collections deposited in State clearing account.

⁴ Comprises combined totals for all cities having 100,000 inhabitants or more in 1940 Census.

⁵ Local shares of State-administered taxes, except any amounts locally collected and retained, are classified as State aid and the cities' shares of such taxes are included in aid received.

TABLE A.—HISTORICAL STATISTICS: 1949 TO 1951—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see: App. I, table B; 1951 and 1950 *Abstracts*, App. I, table B; and 1949 *Abstract*, table 1102. Figures for 1951 are generally preliminary; 1949 and 1950 figures are subject to revision. Also, see headnote, p. 940]

SERIES TITLE	Series No.	Abstract table No.	Unit	1949	1950	1951	Earliest date
STATE AND LOCAL GOVERNMENT—Con.							
MAJOR CITIES, GENERAL FUNCTIONAL EXPENDITURE							
Operation:							
Total.....	P 265A	-----	Mil. dols.....	2,446	2,641	(1)	1902
General control.....	P 266A	-----	do.....	196	210	(1)	1902
Public safety.....	P 267A	-----	do.....	580	626	(1)	1902
Highways.....	P 268A	-----	do.....	156	163	(1)	1902
Sanitation.....	P 269A	-----	do.....	202	219	(1)	1902
Health.....	P 270A	-----	do.....	54	60	(1)	1902
Hospitals.....	P 271A	-----	do.....	193	209	(1)	1902
Public welfare.....	P 272A	-----	do.....	333	373	(1)	1902
Correction.....	P 273A	-----	do.....	30	31	(1)	1902
Schools.....	P 274A	-----	do.....	499	529	(1)	1902
Libraries.....	P 275A	-----	do.....	39	43	(1)	1902
Recreation.....	P 276A	-----	do.....	109	118	(1)	1902
Other.....	P 277A	-----	do.....	55	59	(1)	1902
Capital outlay:							
Total.....	P 265C	-----	do.....	525	621	(1)	1902
General control.....	P 266C	-----	do.....	(2)	(2)	(1)	1902
Public safety.....	P 267C	-----	do.....	(2)	(2)	(1)	1902
Highways.....	P 268C	-----	do.....	165	190	(1)	1902
Sanitation.....	P 269C	-----	do.....	(2)	(2)	(1)	1902
Schools.....	P 274C	-----	do.....	(2)	(2)	(2)	1902
Recreation.....	P 276C	-----	do.....	(2)	(2)	(1)	1902
Other.....	P 277C	-----	do.....	359	430	(1)	1912

¹ Not available.

² Segregation not available; included in "Other" capital outlay.

TABLE B.—REVISIONS IN HISTORICAL STATISTICS FOR 1948 AND EARLIER YEARS

[Series numbers are as shown in table A, this appendix, and in *Historical Statistics of the United States, 1789-1945*. Figures are as provided by source agencies. Revisions for 1948 and earlier years are probably incomplete. In some instances, figures are included to fill cells left blank in *Historical Statistics* because data were not available when that volume went to press. Revisions shown are in addition to those presented in table 1102, 1949 Abstract and App. I, table B, 1951 and 1950 Abstracts. To bring *Historical Statistics* to date, consult table below and table A of this appendix; appendix I, tables A and B, 1951 and 1950 Abstracts; and tables 1101 and 1102, 1949 Abstract. See also Errata Sheet No. 1 (dated Mar. 31, 1950), available on request]

SERIES NO.	Unit	Year	Revised figures	SERIES NO.	Unit	Year	Revised figures
A 75 ¹ -----	Mil. dols.	1938	309,430	A 141-----	Bil. dols.	1948	21.1
		1937	315,794	A 143-----	do	1948	177.9
A 76 ¹ -----	do	1938	304,286	A 144-----	do	1948	10.5
		1937	140,352	A 154-----	Mil. dols.	1939	² 53,200
		1937	140,141			1938	47,468
A 77 ¹ -----	do	1936	139,779			1937	54,741
		1938	25,675			1936	49,959
		1937	20,069			1935	44,034
		1936	25,705	A 155-----	do	1939	² 6,200
A 78 ¹ -----	do	1938	5,024			1938	6,117
A 79 ¹ -----	do	1938	1,596			1937	6,802
		1937	1,514			1936	6,455
A 80 ¹ -----	do	1938	11,250	A 156-----	do	1939	² 1,410
		1937	11,759			1938	1,248
A 81 ¹ -----	do	1938	28,538	A 158-----	do	1939	² 15,280
		1937	28,598			1938	11,883
A 82 ¹ -----	do	1938	2,479			1937	16,290
A 83 ¹ -----	do	1938	376	A 162-----	do	1939	² 7,075
		1937	385			1938	6,880
A 84 ¹ -----	do	1938	68				
		1937	69	A 195 ³ -----	Percent	1948	8.5
A 85 ¹ -----	do	1938	3,554			1947	8.6
A 86 ¹ -----	do	1938	335			1946	9.1
						1945	8.9
A 87 ¹ -----	do	1938	769			1944	8.7
		1937	778			1943	9.5
		1936	592			1942	10.2
A 88 ¹ -----	do	1938	2,379			1941	11.5
		1937	2,428			1940	12.0
A 89 ¹ -----	do	1938	1,973			1939	11.9
		1937	1,797	A 196 ³ -----	do	1948	9.4
A 90 ¹ -----	do	1938	719			1947	9.0
		1937	709			1946	9.3
A 91 ¹ -----	do	1938	12,597			1945	8.7
A 92 ¹ -----	do	1938	1,250			1944	8.1
		1937	1,567			1943	8.5
A 93 ¹ -----	do	1938	10,698			1942	9.0
		1937	12,558			1941	10.6
		1936	10,996			1940	11.0
A 94 ¹ -----	do	1938	319			1939	11.8
		1937	376	A 197 ³ -----	do	1948	82.2
		1936	307			1947	82.4
A 95 ¹ -----	do	1938	3,474			1946	81.6
		1937	4,059			1945	82.4
		1936	3,714			1944	83.2
A 96 ¹ -----	do	1938	4,411			1943	82.0
A 97 ¹ -----	do	1938	39,453			1942	80.8
A 98 ¹ -----	do	1938	5,555			1941	77.8
A 99 ¹ -----	do	1938	13,629			1940	77.0
						1939	76.3
A 101-----	Bil. dols.	1948	259.0	B 1-----	Number	1940	⁴ 150,622,754
A 102-----	do	1948	177.9	B 161-----	do	1920	3,030
A 105-----	do	1948	54.1			1910	2,717
		1943	34.5	B 162-----	do	1920	4,712,007
A 106-----	do	1948	42.7			1910	4,234,406
A 111-----	do	1948	5.0			1900	3,298,054
A 115-----	do	1948	6	B 163-----	do	1910	9,113
A 128-----	do	1948	31.7			1900	6,803
A 129-----	do	1948	33.8	B 164-----	do	1920	4,254,968
A 131-----	do	1948	20.7			1910	3,930,222
A 132-----	do	1948	2.1			1900	3,003,479
A 133-----	do	1948	4.3	B 167-----	(⁵)	(⁵)	(⁵)
A 135-----	do	1948	132.1	B 170-----	(⁵)	(⁵)	(⁵)
A 138-----	do	1948	7.3				
A 139-----	do	1948	8.8				

¹ 1938 not shown in *Historical Statistics*. Source: National Industrial Conference Board, *The Economic Almanac for 1949*, New York City, 1949 (Dec. 1948).

² Not shown in *Historical Statistics*.

³ Figures not shown in appendices of previous issues of the Abstract nor in *Historical Statistics*.

⁴ Revised to include Corn Islands.

⁵ Omit footnote 1, "Partly estimated" shown in *Historical Statistics* from figure for 1920 and apply to 1930.

TABLE B.—REVISIONS IN HISTORICAL STATISTICS FOR 1948 AND EARLIER YEARS—
Continued

[See headnote, p. 1000]

SERIES NO.	Unit	Year	Revised figures	SERIES NO.	Unit	Year	Revised figures
C 14.....	Years.....	1939-41	1 63.25	E 1—Con.....	Thousands.....	1944	5,870
C 15.....	do.....	1939-41	1 67.62			1943	5,930
C 16.....	do.....	1939-41	1 47.41			1942	6,040
C 17.....	do.....	1939-41	1 50.95			1941	6,080
C 18.....	do.....	1939-41	1 29.30			1939	6,230
C 19.....	do.....	1939-41	1 32.55			1938	6,330
C 20.....	do.....	1939-41	1 14.45			1934	6,810
C 21.....	do.....	1939-41	1 16.42			1933	6,790
C 24.....	Rate ²	1945	19.5	E 2 ³	Mil. dols.....	1932	6,540
		1942	20.8			1948	96,624
C 53.....	Rate ³	1941	18.8			1947	88,386
		1948	11.1			1946	77,853
		1946	11.6			1945	70,778
		1944	12.4			1944	64,145
		1943	12.9			1943	56,802
		1942	11.7			1942	48,908
		1941	11.6			1941	43,409
		1940	11.8			1940	41,893
C 86.....	Rate ⁴	1948	6.5			1939	42,237
		1947	8.6			1938	42,824
C 90.....	do.....	1948	19.0			1937	42,468
		1947	7.6			1936	41,487
		1944	14.3			1935	38,569
C 91.....	do.....	1942	3.1			1934	37,292
		1948	51.2			1933	36,188
		1947	109.2			1932	43,759
		1944	82.8				
		1940	139.4			1931	52,138
C 118.....	Dollars.....	1948	132,930,966			1930	57,863
		1947	104,164,051			1929	57,758
C 119.....	do.....	1946	142,359,523			1928	56,607
		1948	109,960,711			1927	56,261
		1947	106,431,591			1926	57,415
		1946	118,032,223			1925	57,382
						1924	58,495
C 132.....	Pounds.....	1948	42.6			1923	60,900
C 138.....	do.....	1948	17.3			1922	62,475
C 139.....	do.....	1948	4.2			1921	71,967
C 141.....	do.....	1948	37.0			1920	78,658
C 145.....	do.....	1948	751			1919	66,765
C 147.....	do.....	1948	20.1			1918	60,977
		1947	20.3			1917	54,587
C 148.....	do.....	1948	6.9			1916	50,511
C 152.....	do.....	1948	95.6			1915	47,635
		1947	91.1			1914	47,395
						1913	45,691
C 155.....	do.....	1948	18.3			1912	43,846
D 32.....	Number.....	1940	52,539,978			1911	42,752
D 33.....	do.....	1940	35,065,400			1910	41,097
D 34.....	do.....	1940	14,374,194	E 3.....	do.....	1948	74,970
D 35.....	do.....	1940	2,100,384			1947	69,859
D 37.....	do.....	1940	39,748,321			1946	61,841
D 38.....	do.....	1940	26,055,895			1945	7 54,939
D 39.....	do.....	1940	11,865,219			1944	48,688
D 40.....	do.....	1940	1,829,209			1943	41,869
D 42.....	do.....	1940	12,791,657			1942	37,449
D 43.....	do.....	1940	10,009,507	E 4 ⁵	Dollars.....	1941	34,508
D 44.....	do.....	1940	2,510,975			1948	65.10
D 45.....	do.....	1940	271,175			1947	60.84
D 151.....	Dollars.....	1939	0.704			1946	54.01
D 215.....	1939=100.....	1946	107.2			1945	7 48.12
E 1.....	Thousands.....	1948	5 5,900			1944	43,27
		1947	5 5,890			1943	37,74
		1946	5 5,890			1942	34,26
						1941	32.04

¹ For white population only. Not shown in *Historical Statistics*.

² Per 1,000 population including armed forces overseas.

³ Per 1,000 population excluding armed forces overseas.

⁴ Per 100,000 population excluding armed forces overseas.

⁵ Not shown in appendices of previous issues of the *Abstract*.

⁶ Excludes turkeys prior 1929.

⁷ Bureau of Agricultural Economics estimate interpolated from 1940 and 1950 Census data. Not a revision of Census figure shown in *Historical Statistics*.

⁸ Figures not shown in appendices of previous issues of the *Abstract* nor in *Historical Statistics*.

TABLE B.—REVISIONS IN HISTORICAL STATISTICS FOR 1948 AND EARLIER YEARS—
Continued

[See headnote, p. 1000]

SERIES NO.	Unit	Year	Revised figures	SERIES NO.	Unit	Year	Revised figures
E 41—Con.	Dollars-----	1939	32.02	E 74—Con.	1,000 acres-----	1942	351, 319
		1938	32.83			1941	347, 653
		1937	32.88			1940	347, 828
		1936	32.12			1939	342, 644
		1934	30.68			1938	354, 269
		1933	29.90	E 75-----	do-----	1937	363, 018
		1932	36.73			1948	347, 785
		1931	43.98			1947	346, 131
		1929	49.16			1946	342, 758
		1928	49.40			1945	345, 313
		1927	50.14			1944	352, 659
		1926	52.38			1943	347, 769
		1924	54.26			1942	350, 306
		1923	56.17			1941	355, 308
		1922	57.31			1940	351, 508
		1921	64.80			1938	358, 448
		1919	57.52			1937	358, 449
		1918	53.15	E 82-----	Number-----	1948	1, 806
		1917	48.81			1947	1, 803
		1916	45.66			1946	1, 839
		1915	43.16	E 83-----	1,000 dols-----	1948	20, 769, 410
		1914	43.52			1947	19, 263, 745
		1913	42.05			1946	16, 941, 434
		1912	41.72	E 84-----	Cents-----	1948	25.1
		1911	40.67			1947	24.6
E 69-----	Mil. dols-----	1948	3, 082	E 85-----	do-----	1946	24.6
		1947	2, 846	E 86-----	do-----	1948	18.4
		1946	2, 563			1948	8.7
		1945	2, 317			1947	8.5
		1944	2, 213			1946	8.8
		1943	2, 039	E 87-----	1,000 dols-----	1948	94, 359
		1942	1, 642			1947	85, 625
		1941	1, 254			1946	76, 194
		1940	1, 031	E 88-94-----	(2)-----	(2)	(2)
		1939	988	E 106-----	Thousands-----	1948	2, 980
		1938	977			1947	2, 735
		1937	988			1946	2, 560
		1936	864	E 107-----	Mil. dols-----	1948	1, 513.6
		1935	770	E 108-----	do-----	1947	2, 342
		1934	672			1946	1, 507
		1933	609	E 109-----	do-----	1948	1, 484
		1932	659			1947	1, 080
		1931	903			1946	642
		1930	1, 176	E 111-----	1,000 short tons.	1947	17, 397
		1929	1, 287	E 117-----	1,000 head-----	1948	77, 171
		1928	1, 276			1947	80, 554
		1927	1, 288			1946	82, 235
		1926	1, 318	E 118-----	Dollars per head	1948	117.00
		1925	1, 255			1947	97.50
		1924	1, 237				
		1923	1, 242	E 119-----	1,000 head-----	1948	54, 590
		1922	1, 121			1947	56, 810
		1921	1, 166			1946	61, 306
		1920	1, 786			1945	59, 373
		1918	1, 337	E 120-----	Dollars per head.	1948	42.90
		1915	815			1946	24.00
		1914	804	E 121-----	1,000 head-----	1948	29, 486
		1913	804			1947	31, 805
		1912	789			1946	35, 525
		1911	758	E 123-----	do-----	1948	6, 704
		1910	755			1947	7, 340
E 70-----	1935-39=100-----	1948	145			1946	8, 081
E 74-----	1,000 acres-----	1948	359, 222	E 124-----	Dollars per head	1948	55.70
		1947	355, 933			1947	59.30
		1946	352, 787			1946	57.50
		1945	356, 091				
		1944	365, 625				
		1943	361, 532				

¹ Figures not shown in appendices of previous issues of the *Abstract* nor in *Historical Statistics*.

² See footnote 2, p. 954.

TABLE B.—REVISIONS IN HISTORICAL STATISTICS FOR 1948 AND EARLIER YEARS—
Continued

[See headnote, p. 1000]

SERIES NO.	Unit	Year	Revised figures	SERIES NO.	Unit	Year	Revised figures
E 125.....	1,000 head.....	1948	2,575	E 181.....	1,000 acres.....	1948	84,778
		1947	2,789			1947	82,888
		1946	3,027			1946	87,585
E 135.....	do.....	1948	8,800			1945	87,625
		1947	9,578	E 182.....	1,000 bu.....	1948	3,605,078
		1946	10,434			1947	2,354,739
E 152.....	do.....	1948	24,615			1946	3,217,076
		1947	25,842			1945	2,868,795
		1946	26,521			1944	3,037,982
E 154.....	Mil. lbs.....	1948	112,671	E 186.....	1,000 acres.....	1948	72,418
		1947	116,814			1947	74,519
		1946	117,697			1946	67,105
		1945	119,828			1945	65,167
		1944	117,023	E 187.....	1,000 bu.....	1948	1,294,911
		1943	117,017			1947	1,358,911
		1942	118,533			1946	1,162,118
		1941	115,088			1945	1,107,623
		1940	109,412	E 188.....	Dollars.....	1914	.975
E 155.....	do.....	1948	73,582	E 196.....	1,000 acres.....	1948	39,280
		1947	75,466			1947	37,855
		1946	74,971			1946	42,812
		1945	74,505			1945	41,739
		1944	69,430			1944	39,741
		1943	65,395	E 197.....	1,000 bu.....	1948	1,450,186
		1942	64,938			1947	1,176,142
		1941	58,010			1946	1,477,573
		1940	53,261			1945	1,523,851
E 158.....	1,000 lbs.....	1948	293,290			1944	1,149,240
		1947	311,050	E 200.....	1,000 acres.....	1948	11,905
		1946	330,650			1947	10,955
		1945	335,690			1946	10,380
		1944	329,848			1945	10,454
E 164.....	Mil. lbs.....	1948	¹ 51,730	E 201.....	1,000 bu.....	1948	315,537
			² 5,808			1947	281,868
		1947	² 6,154			1946	265,059
		1946	² 6,567			1945	266,994
		1945	¹ 54,871			1944	276,275
			² 6,714	E 204.....	1,000 acres.....	1948	4,973
		1944	¹ 54,749			1947	4,129
			² 6,621	E 205.....	1,000 bu.....	1948	54,803
		1943	¹ 56,748			1947	40,618
			² 6,860			1946	22,588
E 167.....	Cents.....	1948	66.7	E 208.....	1,000 acres.....	1948	10,682
E 168.....	do.....	1948	79.9			1947	11,411
E 169.....	Dollars.....	1948	4.88			1946	9,932
		1947	4.27			1945	10,740
		1946	3.99			1944	10,245
		1942	2.58	E 209.....	1,000 bu.....	1948	227,217
		1941	2.19			1947	186,451
						1946	203,395
E 170.....	Cents.....	1948	12.7			1945	193,167
E 171.....	Thousands.....	1948	449,644			1944	192,121
		1947	467,217	E 211.....	1,000 acres.....	1948	71,817
		1946	523,227			1947	74,666
E 177.....	do.....	1948	3,969			1946	73,741
		1947	5,879			1945	76,697
		1946	7,862			1944	77,639
		1945	7,082	E 213.....	1,000 tons.....	1948	96,172
E 178.....	Dollars per head.....	1948	6.97			1947	100,576
		1947	6.54			1946	99,518
		1945	5.79			1945	107,438
E 180.....	Cents per lb.....	1940	15.2			1944	102,889
		1939	15.7	E 215.....	Dollars per ton.....	1947	17.70
		1938	17.5			1948	22,911
		1937	18.1	E 217.....	1,000 acres.....	1947	21,330
		1936	15.6			1946	17,584
		1935	20.1			1945	17,029
		1934	15.1			1944	19,617
		1933	11.6	E 218.....	1,000 bales.....	1947	11,860
		1932	12.7	E 219.....	Cents per lb.....	1948	30.38
		1931	19.1				
		1929	24.3				

¹ Factory.

² Farm.

TABLE B.—REVISIONS IN HISTORICAL STATISTICS FOR 1948 AND EARLIER YEARS—
Continued

[See headnote, p. 1000]

SERIES NO.	Unit	Year	Revised figures	SERIES NO.	Unit	Year	Revised figures
E 225-----	1,000 acres-----	1948	1,981	H 113-----	Mil. dols.-----	1948	11,357
		1947	2,001			1947	11,207
		1946	2,527			1946	10,011
		1945	2,664			1945	4,867
		1944	2,780			1944	4,004
E 226-----	1,000 bu.-----	1948	449,895			1943	3,362
		1947	388,985			1942	3,310
		1946	1 487,315			1941	3,031
		1945	419,390			1940	3,510
		1944	383,926			1939	2,912
		1943	2 458,887			1938	2,437
		1939	2 342,372			1937	2,538
		1932	2 374,692			1936	2,302
		1931	2 384,317			1935	2,250
		1928	2 427,249			1934	3,170
E 228-----	1,000 acres-----	1948	455			1933	1,003
		1947	547			1932	1,408
		1946	637			1931	2,232
		1945	646			1930	3,180
E 229-----	1,000 bu.-----	1948	43,094			1929	4,442
		1947	49,642			1928	4,947
		1946	60,825			1927	4,857
		1945	61,250			1926	4,863
E 232-----	(3)	(3)	(3)			1925	4,240
E 240-----	(4)	(4)	(4)	H 117-----	-----do-----	1948	2,636
E 242-----	(4)	(4)	(4)			1947	2,986
E 256-----	Number-----	1948	167			1946	2,677
		1947	183			1945	923
		1946	260			1944	726
		1945	305			1943	654
		1944	512			1942	721
		1943	1,151			1941	847
		1942	2,048			1940	838
E 257-----	Percent-----	1946	2.6			1939	604
F 134-----	Short tons-----	1948	21,897,301			1938	470
F 135-----	do-----	1948	26,112,766			1937	513
F 136-----	Pounds-----	1948	356.4			1936	472
F 156-----	Mil. lbs-----	1948	1,663			1935	474
F 157-----	do-----	1948	1,488			1934	195
F 159-----	do-----	1948	1,324			1933	233
F 166-----	1,000 lb-----	1948	998,380			1932	257
F 186-----	do-----	1945	78,643			1931	368
F 212-----	Short tons-----	1948	199,544			1930	455
						1929	538
G 43-----	Mil. net tons-----	1947	73.4			1928	696
G 84-----	1,000 dols-----	1945	60,013			1927	585
		1940	43,659			1926	819
		1935	29,256			1925	650
		1930	46,036	H 120-----	-----do-----	1948	35,131
G 108-----	Short tons-----	1947	3,094			1947	29,880
G 109-----	1,000 dols-----	1947	4,350			1946	24,452
G 120-----	Fine oz-----	1941	67,048,134			1945	19,653
		1940	70,436,354			1944	19,186
G 121-----	Dollars-----	1941	47,678,673			1943	19,170
		1940	50,088,074			1942	19,606
G 160a-----	Tril. B. t. u-----	1948	36,636			1941	19,754
G 162-----	do-----	1947	1,426			1940	18,914
G 163a-----	do-----	1948	35,155			1939	17,948
G 167a-----	do-----	1948	17,997			1938	17,403
G 169a-----	do-----	1948	746			1937	17,131
H 1-----	Mil. dols-----	1948	20,818			1936	16,961
H 25-----	do-----	1948	8,246			1935	17,101
H 26-----	do-----	1948	10,069			1934	17,208
						1933	16,929

¹ Includes 1,504,000 bushels purchased by the Government under price support program and left in ground; included in computing price and value.

² Includes quantities unharvested or not marketed and excluded in computing price and value (1,000 bushels): 1928, 7,462; 1931, 66; 1932, 2,175; 1939, 1,240; and 1943, 440.

³ Footnote 1 in *Historical Statistics* should read "Estimates of the commercial crop refer to total production of apples in commercial apple areas of each State."

⁴ Footnote 3 should apply to production of both oranges and grapefruit in *Historical Statistics* and should read "Season begins with the bloom of the year shown and ends with the completion of harvest the following year. In California picking usually extends from about Oct. 1 to Dec. 31 of the following year. In other States, the season begins about Oct. 1 and ends in early summer."

TABLE B.—REVISIONS IN HISTORICAL STATISTICS FOR 1948 AND EARLIER YEARS—
Continued

[See headnote, p. 1000]

SERIES NO.	Unit	Year	Revised figures	SERIES NO.	Unit	Year	Revised figures
H 120—Con...	Mil. dols.-----	1932	18,105	K 151-----	1,000 net tons...	1947	31,844
		1931	19,286	K 190-----	Miles.....	1948	21,730
		1930	19,874	K 191-191b.....	(¹)	(¹)	
		1929	19,726	K 205-----	Mil. dols.....	1948	2,946
		1928	18,389			1947	853
		1927	16,591			1946	719
		1926	14,881			1945	550
		1925	12,964	K 206-----	do.....	1948	2,336
H 124-----	do-----	1948	7,380			1947	324
		1947	6,292	K 207 ³ -----	do-----	1946	290
		1946	4,573			1945	253
		1945	2,873	K 210-----	do-----	1948	2,940
		1944	2,711			1947	823
		1943	2,705			1946	676
		1942	2,750	K 211-----	do-----	1946	161
		1941	2,670			1945	82
		1940	2,444	K 212-----	do-----	1946	405
		1939	2,094			1945	330
		1938	1,910	K 213 ⁴ -----	do-----	1947	80
		1937	1,786			1946	78
		1936	1,634	K 214-----	do-----	1945	87
		1935	1,541			1944	2,30
		1934	1,450	K 215 ² -----	do-----	1945	35
		1933	1,707			1944	5,772
		1932	1,887			1947	6,651
		1931	2,085	K 216 ² -----	do-----	1946	445
		1930	2,199			1945	401
		1929	2,207			1948	17
		1928	2,145			1947	13
		1927	1,927			1945	9
		1926	1,796				
		1925	1,376	K 217 ² -----	do-----	1948	511
H 128-----	Number-----	1942	6,941			1947	421
		1941	7,211	K 218 ^{2,3} -----	do-----	1948	122
		1940	7,521			1947	122
		1939	8,006			1946	63
		1938	8,762	K 221 ² -----	do-----	1945	30
		1937	9,225			1948	745
H 129-----	Mil. dols-----	1936	10,042			1947	632
		1942	6,160			1946	489
		1941	6,049	K 222 ² -----	do-----	1945	408
		1940	5,733			1948	258
		1939	5,597	K 223 ² -----	do-----	1947	217
		1938	5,632			1946	370
		1937	5,682			1947	300
		1936	5,772	K 224 ² -----	do-----	1948	40
H 130-----	do-----	1942	4,810			1947	40
		1941	4,823	K 224a ^{2,4} -----	do-----	1948	77
		1940	4,415			1947	75
		1939	4,126			1946	79
		1938	3,967			1945	81
		1937	3,886	K 229 ¹ -----	Number-----	1948	40,556,469
		1936	3,810	K 230-----	do-----	1948	33,213,905
H 131-----	do-----	1941	245	K 231-----	do-----	1948	132,603
H 132-----	do-----	1942	4,941	K 232-----	do-----	1948	7,209,961
		1941	4,682	K 265-----	do-----	1948	56
		1940	4,322	K 267-----	do-----	1948	83
		1939	4,118			1947	199
		1938	4,077	K 268-----	do-----	1948	67,889,565
		1937	4,080				
		1936	4,194	L 41-----	1935-39=100....	1948	171.9
J 30-----	1935-39 avg=100.	1931	74			1947	159.6
J 171-----	Mil. lbs-----	1909	506			1946	139.5
J 172-----	1,000 bbls-----	1909	56,400			1945	128.6

¹ Note 3 in *Historical Statistics* should read "Beginning in 1933, includes money spent on public works and defense highways, and since 1938 includes Federal-aid secondary highways."

² Preliminary estimates.

³ Excludes refunding issues.

⁴ Excludes retirement by refunding.

⁵ Includes \$4,000,000 Federal funds.

⁶ Includes \$2,000,000 Federal funds.

⁷ Excludes publicly owned.

TABLE B.—REVISIONS IN HISTORICAL STATISTICS FOR 1948 AND EARLIER YEARS—
Continued

[See headnote, p. 1000]

SERIES NO.	Unit	Year	Revised figures	SERIES NO.	Unit	Year	Revised figures
L 41—Con	1935-39=100	1944	125.7	M 25	Mil. dols	1948	7,822
		1943	123.7			1947	6,129
		1942	116.6			1946	5,242
L 44	do	1948	121.2	M 27	do	1948	2,162
		1947	113.6	M 28	do	1948	5,091
		1946	110.1	M 29	do	1948	3,245
		1945	109.5	M 30	do	1948	2,973
		1944	109.1	M 32	do	1948	-27
		1943	108.7	M 33	do	1948	+1,864
		1942	108.8	M 34	do	1948	+6,699
		1941	106.4			1947	+11,478
						1946	+7,704
M 1	Bil. dols	1947	+12.3	M 35	do	1948	-4,835
M 3	do	1947	-7.0			1947	-2,583
M 4	do	1948	31.2			1946	-2,893
M 5	do	1948	29.3	M 36	do	1948	-1,891
M 7a	do	1948	12.7	M 37	do	1948	-1,010
M 9	do	1948	17.1	M 39	do	1948	-29
		1947	16.6	M 41	do	1948	+1,037
M 10	do	1948	7.7	M 103	1,000 dols	1947	7,873,912
M 11	do	1948	2.8	M 105	do	1947	2,235,422
M 13	do	1947	8.8	M 109	do	1947	1,071,282
M 14	Mil. dols	1948	18,577	P 133	Dollars	1948	1,720.71
		1947	21,257			1947	1,792.05
		1946	16,209			1946	1,905.42
						1945	1,848.60
M 15	do	1948	16,967			1944	1,452.44
M 16	do	1948	13,346			1943	999.83
M 18	do	1948	2,246			1942	537.13
M 19	do	1948	256			1941	367.09
		1947	387			1940	325.23
		1946	306	P 170	Number	1918	106,728
M 20	do	1948	1,354	P 193a	Mil. dols	1942	11,118
M 21	do	1948	1,252	P 195a	do	1942	10,032
M 23	do	1948	18,604	P 196a	do	1942	7,214
		1947	20,117	P 199a	do	1942	516
		1946	15,066				
M 24	do	1948	10,268				
		1947	8,318				
		1946	7,037				

APPENDIX II

Weights, measures, and foreign exchange

UNITED STATES UNITS WITH METRIC EQUIVALENTS

1 inch=2.540 centimeters.	1 liquid quart=0.9463 liter.
1 foot=0.3048 meter.	1 gallon=231 cubic inches=3.785 liters.
1 yard=0.9144 meter.	1 bushel (measured)=2,150.4 cubic inches=35.24 liters.
1 mile=1.609 kilometers.	1 avoirdupois ounce=28.35 grams.
1 square yard=0.8361 square meter.	1 troy ounce=31.10 grams.
1 acre=0.4047 hectare.	1 pound=0.4536 kilogram.
1 square mile=2,590 square kilometers.	1 long ton=2,240 pounds=1.0160 metric tons of 1,000 kilograms.
1 cubic inch=16.39 cubic centimeters.	1 short ton=2,000 pounds=0.9072 metric ton.
1 cubic foot=0.02832 cubic meter.	
1 cubic yard=0.7646 cubic meter.	

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

	Pounds	Kilograms
Wheat flour, barley flour, rye flour, and corn meal (net) ¹	166	88.90
Rosin, 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) ¹	376	170.56

¹ Except as noted in the tables.

OFFICIAL WEIGHTS OF THE UNITED STATES BUSHEL

	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	25.86
Rough rice.....	45	20.41
Malt.....	34	15.42
Oats.....	32	14.51
Peanuts, green, in shell.....	22	9.98
Castor beans.....	60	22.68

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:

	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

FOREIGN EXCHANGE RATES

[Averages of certified noon buying rates in New York for cable transfers. In cents per unit of foreign currency]

COUNTRY	MONETARY UNIT	1941	1945	1946	1947	1948	1949	1950	1951
Argentina:									
Basic	Peso	29.773	29.773	29.773	29.773	129.744	129.774	26.571	20.000
Preferential	do							113.333	13.333
Free	do							18.2888	7.067
Australia:									
Official	Pound	322.80	1322.80	321.34	321.00	321.22	293.80	223.15	223.07
Free	do	321.27	321.17						
Belgium									
Foreign "Bank Notes" account.	Franc		12.2860	2.2829	2.2817	2.2816	2.2000	1.9908	1.9859
	do						12.1407	1.9722	1.9622
Brazil:									
Official	Cruzeiro ¹	6.0575	6.0602	16.0602	5.4403	5.4406	5.4406	5.4406	5.4406
Free	do	5.0705	5.1802						
British Malaya ²	Dollar						142.973	32.788	32.849
Canada:									
Official	do	90.900	90.909	95.198	100.00	100.00	97.491	190.909	
Free	do	87.345	90.485	93.288	91.999	91.691	92.881	91.474	94.939
Ceylon	Rupee						127.839	20.850	20.849
Chile:									
Official	Peso	15.1664							
Export	do	14.0000							
China	Yuan Shanghai	15.3133							
Colombia	Peso	57.004	57.014	57.020	57.001	157.006			
Czechoslovakia	Koruna			12.0060	2.0060	2.0060	2.0060	2.0060	2.0060
Denmark	Krone			120.876	20.864	20.857	19.117	14.494	14.491
Finland	Markka	12.0101							14.491
France (Metropolitan):									
Official	Franc		1.9711	.8409	.8407	1.4929	1.4671	.2858	.2856
Free	do								
Germany	D. Mark	139.970				1.3240	.3017	123.838	23.838
Hong Kong	Dollar	124.592							
India ³	Rupee	30.137	30.122	30.155	30.164	30.169	27.706	20.870	20.869
Ireland	Pound								280.38
Italy	Lira	15.0708		1.4434					
Mexico	Peso	20.538	20.581	20.581	20.577	18.860	12.620	11.570	11.564
Netherlands	Guilder	137.933	37.813	37.760	37.668	34.528	26.252	26.264	26.264
New Zealand	Pound	322.54	323.46	322.63	322.29	350.48	365.07	277.28	277.19
Norway	Krone		120.176	20.160	20.159	18.481	14.015	14.015	14.015
Philippine Republic	Peso						149.728	49.621	49.639
Portugal	Escudo	14.0023		4.0501	4.0273	4.0183	3.8800	3.4704	3.4739
South Africa	Pound	398.00	399.05	400.50	400.74	400.75	366.62	278.38	278.33
Spain	Peseta	19.1300		9.1324	9.1324	9.1324			
Sweden	Krona	123.829		125.859	27.824	27.824	25.480	19.332	19.327
Switzerland	Franc	123.210		123.363	23.363	23.363	23.314	23.136	23.060
United Kingdom:									
Official	Pound	403.50	1403.50	403.28	402.86	403.13	368.72	280.07	279.96
Free	do	403.18	403.02						
Uruguay ⁴	Peso	65.830	65.830	65.830	65.830	165.830	165.830	65.833	65.833
	do	43.380	55.159	56.280	56.239	156.182	156.180	56.180	56.180
	do						142.553	42.553	42.553

¹ Average of daily rates for part of year during which quotations were certified (see previous Abstracts for exact periods).² Based on quotations through Sept. 19, 1951.³ Prior to Nov. 1, 1942, official designation for Brazilian cruzeiro was milreis.⁴ As of Aug. 27, 1951, quotations on Straits Settlements dollar discontinued and quotations on Malayan dollar substituted. The 2 rates had been identical for a considerable period.⁵ Based on quotations through Oct. 26, 1951.⁶ Based on quotations beginning Oct. 29, 1951.⁷ Excludes Pakistan, beginning April 1948.⁸ Beginning October 1948, application depends upon type of merchandise.Source: Board of Governors of the Federal Reserve System; annual and monthly figures published in *Federal Reserve Bulletin*.

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Much valuable information will also be found in State reports and in reports for particular commodities, industries, or similar segments of our economic and social structure. However, 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 current reports and a summary volume are both cited in the bibliography the section reference will often appear 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. However, it should not be assumed that all of the subjects from that source are summarized in the *Abstract*.

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The Motion Picture Trade.
The Optical Goods Trade.

Census monograph: The Manufacturers' Agent as a Marketing Institution.

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