

Chapter F. Land, Forestry, and Fisheries (Series F 1-219)

Public Lands of the United States: Series F 1-24

ACQUISITION (F 1-7)

F 1-7. Acquisition and extent of territory and public domain, 1781-1945. SOURCE: See detailed listing below.

F 1-3. Acquisition of the territory of the United States, 1783-1945. SOURCE: *Areas of Acquisitions to the Territory of the United States . . .*, Department of Interior, Office of the Secretary, Washington, Government Printing Office, 1922. All areas are given as computed in 1912 by a Federal Government committee representing the General Land Office and the Geological Survey (Department of the Interior) and the Bureau of Statistics and the Bureau of the Census (then in the Department of Commerce and Labor). Figures shown here have not been adjusted for the new area measurements for the United States which were made for the 1940 Decennial Census. For the revised figures in square miles, see series B 26-28. The new measurements resulted in a decrease of 4,402 square miles in the gross area (land and water combined), and in an increase of 3,352 square miles in the land area. (See Bureau of the Census, Sixteenth Census Reports, *Areas of the United States, 1940, 1942, p. 3.*)

Recognition of its sovereignty over its present continental land-area of 2,977,128 square miles, or about 1,905 million acres (as recomputed for the 1940 Decennial Census), 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 United States. Title to the remaining 1,442 million acres passed to the United States Government during the period from 1781 to 1853.

F 4-6. Acquisition of the original public domain, 1781-1945. SOURCE: Same as series F 1-3, above. For area by States, see Department of the Interior, "Statistical Appendix" (p. 4) of the *Annual Report of the Commissioner of the General Land Office, 1946.*

By acts of cession during the period from 1781 to 1802 seven of the Original Thirteen States relinquished to the United States Government for the common good their claims to the "western lands," roughly the area north of the Ohio River and east of the Mississippi River and the area embraced by the present States of Alabama and Mississippi. The State of Maryland ceded the present area of the District of Columbia in 1788. In 1850 the State of Texas sold its lands outside its present boundaries to the United States. Title to the remaining area west of the Mississippi River (except the State of Texas) and to Florida passed to the United States Government as sovereign at the time of their addition to the Nation during the period from 1803 to 1853. For detailed information, see Douglas, E. M., *Boundaries, Areas, Geographic Centers and Altitudes of the United States and the Several States . . .* Department of the Interior, Geological Survey Bulletin 817, 1939 edition, and Hibbard, B. H., *A History of the Public Land Policies*, MacMillan Co., N. Y. 1924.

With the exception of lands in the District of Columbia, the total of 1,442 million acres of land area (see series F 5), title to which became vested in the Government, 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*.

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 as sites for public buildings, defense installations, and natural-resource conservation activities. 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.

F 7. Estimated area of the public domain, 1802-1946. SOURCE: Bureau of Land Management, Department of the Interior. Data are estimates based on imperfect data for the years indicated. For definition of public domain, see text for series F 4-6.

PUBLIC LANDS AND THE NATIONAL PARK SYSTEM (F 8-24)

F 8-16, F 19-24. General note. These series on disposal of public lands, 1800-1945, were provided by the Bureau of Land Management, Department of the Interior, except as otherwise noted. For definition of public-domain lands and acquired lands, see text for series F 4-6. The laws which govern the management, use, and sale or other disposal of public-domain lands are known as the *public-land laws*. The earlier concept with respect to the public domain was to pass the public lands into private ownership as rapidly as possible. Initially to raise revenue and later to hasten the settlement and development of the country, the Congress passed thousands of laws providing for the disposal of the original public domain to States and their subdivisions and to private owners. Under these laws, approximately 285 million acres have been patented to homesteaders, 225 million acres have been granted to States for various public purposes and 90 million acres to railroad corporations to aid in financing the construction of railroads, and about 430 million acres have been sold or otherwise disposed of. Disposals have reduced the original public domain to its present area of about 413 million acres (see series F 7). Special laws provide for the disposal of surplus *acquired lands*, as, for example, the Surplus Property Act of 1944.

F 8. Vacant public lands, 1904-1945. SOURCE: *Annual Report of the Commissioner of the General Land Office, 1904-1945.* The data were compiled by the Bureau of Land Management, Department of the Interior, and are to be considered as estimates. These data do not include public lands in Alaska.

The vacant public lands of the United States are public-domain lands (see text for series F 4-6) which are not reserved for any purpose other than for reclassification and which are not covered by any non-Federal right or claim other than permits, leases, rights-of-way, or unreported mining claims. They are subject to acquisition by applicants under appropriate laws, such as the laws governing homesteads or grants to States. It is upon these laws for the most part that entries and selections (see text for series F 11-13) are made. The Bureau of Land Management, Department of the Interior, administers the public-land laws relating to such entries and selections, a function transferred to it from the General Land Office as a part of Reorganization Plan No. 3 of 1946.

F 9. Cash receipts of the General Land Office from the disposal of public and ceded Indian lands and resources, 1881-1945. SOURCE: *Annual Report of the Commissioner of the General Land Office, 1946, "Statistical Appendix,"* pp. 120-121. Figures are for fiscal years. These data represent the total receipts of the General Land Office covered into the Treasury during the period from 1881 through 1945 and include the relatively small receipts from land and resources in Alaska. They do not include the receipts which other Government agencies realized from their operations on Federal lands, although they do include some receipts from lands under the administration of such agencies. For example, mineral leases

for public-domain lands within national forests were issued by the General Land Office, which also collected the mineral rentals, royalties, and bonuses from such lands. Also, during the fiscal years 1935 through part of 1940 the General Land Office collected grazing fees for lands within grazing districts and during the fiscal years of 1908 through the first half of 1913 collected water-right charges in connection with the Bureau of Reclamation irrigation projects. Other examples of multiple jurisdiction exist.

For receipts from sales of public lands as reported by the Treasury Department, see chapter P, series P 94. The data representing receipts from sales of public lands which are included within series F 9, however, are not identical to those shown for series P 94, since the General Land Office reports of receipts from sales did not cover the same period as the Treasury reports.

F 10. Area of land granted by the United States to the several States for public purposes, 1802-1938. SOURCE: *Annual Report of the Commissioner of the General Land Office*, 1946, "Statistical Appendix," pp. 108-119; see also *General Land Office Information Bulletin No. 1, 1939 series*. The data on land grants to the States for various public purposes are presented according to the calendar year in which the granting legislation was passed by the Congress. Some variation in the series is possible since the language of some of the statutes, including that of amendatory legislation, offers alternatives in the selection of the year to which individual grants could be assigned. As with the land grants for the construction of canals and other transportation improvements (series F 20-24), many of these grants were satisfied through delivery of evidence of legal title over the years. On June 30, 1946, this process of adjudication had not yet been completed for all of the grants and small changes in the data shown will occur. The data are estimated in part and apparently include a small amount of duplication of information given in series F 20.

F 11-13. Area of original entries and selections, final entries, and patents and certifications, 1869-1945. SOURCE: For 1920-1945, see Department of the Interior, *Annual Report of the Commissioner of the General Land Office*; for 1869-1919, see annual volumes, *Statistical Abstract of the United States*, 1879-1919. Figures for 1903 to 1908 are revised as shown in the *Statistical Abstract*, 1909.

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-domain lands to non-Federal owners. In general terms, *original entries and selections* are applications to secure title to public-domain lands which have been accepted as properly filed. Some types of applications, however, are not reported until the final certificate is issued (see below) and are, therefore, not included in series F 11.

Applications become *final 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. With respect to certain State selections (see below), no final certificate is issued. Such selections are, therefore, not included in series F 12 (final entries). *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.

The data do not include the area of certain lands which have been granted to the States to aid in the support of common schools. Title to such lands usually passes to the States upon survey of the lands by the Federal Government. Owing to legal complexities, detailed statistical records were not kept of these lands. The statistics herein published have been subjected to minor adjustments to improve comparability. They have not been checked, however, for internal accuracy or for strict comparability which would re-

quire analysis of supporting records. Data include disposals of lands in Alaska.

F 14-16. Homestead entries, except on ceded Indian lands, 1863-1945. SOURCE: Series F 14: For 1884-1945, see Department of the Interior, *Annual Report of the Commissioner of the General Land Office*, 1884-1946; for 1863-1883, see Donaldson, Thomas, *The Public Domain*, Government Printing Office, Washington, D. C., 1884, pp. 351-355. Series F 15: Annual volumes, *Statistical Abstract of the United States*, 1889-1946. Series F 16: For 1868-1928, see *Statistical Abstract*, 1929, p. 130; for 1929-1945, see *Statistical Abstract*, 1946, p. 162. For definitions of the terms *original entries* and *final entries*, see text for series F 11-13.

The data on the number of original homestead entries do not include the number of applications which were accepted for lands that had been ceded by the Indians to the United States with the provision that proceeds from their disposal would be covered into the Treasury to the credit of the Indians. Detailed statistics on such homestead entries were not published in the reports of the Commissioner of the General Land Office prior to 1924. Such reports contain general information as to the disposal of ceded Indian lands. The records upon which the reports were based are for the most part on file in the National Archives.

The data on acreage of final entries (series F 16) do not include commuted homesteads. A *commuted homestead entry* is a homestead entry not exceeding 160 acres in connection with which the entryman pays the minimum statutory price for the land in consideration for reduction in residence and other requirements. Only certain classes of homestead entries can be commuted.

F 17-18. National Park System, 1916-1945. SOURCE: See detailed listing below.

F 17. Area of Federally owned lands administered by National Park Service, 1916-1945. SOURCE: Department of the Interior, *Annual Report of the Director of the National Park Service*, 1916-1946. These data include public-domain and acquired lands (see text for series F 4-6). In 1946, the area included 25 national parks, 4 national historical parks, 82 national monuments, 11 national military parks, 1 national battlefield park, 7 national battlefield sites, 10 national historic sites, 9 national memorials, 10 national cemeteries, 3 national parkways, 1 national historical park project, 1 national battlefield park project, 4 recreational areas, and the National Capital Parks. These data do not include national parks and monuments in Alaska and Hawaii which, in 1916, comprised 75,000 acres; in 1946, 7,108,000 acres.

F 18. Visitors to National Park System per travel year, 1916-1945. SOURCE: Records of National Park Service. Figures on number of visitors are estimated in part and do not include visitors to national parks and monuments in Alaska and Hawaii which, in 1921, comprised 16,000 and in 1946, 433,000 persons. *Travel year* refers to period, October 1 to September 30.

F 19. Public land sales, 1800-1860. SOURCE: Smith, Walter Buckingham, and Cole, Arthur Harrison, *Fluctuations in American Business, 1790-1860*, Harvard University Press, Cambridge, 1935. Data were derived from Hibbard, *A History of the Public Land Policies* (1924), pp. 100, 103, 106, and from *Annual Reports of the Commissioner of the General Land Office*. The data differ from those presented by Hibbard (p. 106) for the years after 1850. After 1850, Hibbard's data shift from calendar years to fiscal years ending June 30.

F 20-24. Area of lands granted by the United States to aid in the construction of railroads, wagon roads, canals, and river improvements, 1823-1871. SOURCE: Department of the Interior, *Annual Report of the Commissioner of the General Land Office*, 1946, "Statistical Appendix," pp. 100-107, and *Statement Showing Land Grants Made by Congress*, 1915.

The data on land grants which were made to aid in the construction of canals, railroads, river improvements, and wagon roads include only the area of lands for which title passed to the grantee States and corporations. The exact extent of practically all

of these grants was, owing to their terms, indeterminate at the time the granting acts were passed by the Congress. The procedures for the satisfaction of the grants generally required the grantees to submit lists of lands, evidence of legal title to which they requested on the basis of the provisions of the authorizing legislation. This process of issuance of instruments of title has not yet been fully completed by the Department of the Interior but a relatively small area remains to be adjudicated.

For the series presented, the areas shown in the instruments of title which were issued for each grant over the years were totaled and shown as of the fiscal year in which the grant was *originally enacted* even though in certain instances grants were revived at a later date after the expiration of statutory time limits, while others were enlarged by subsequent legislation. Because the tabulation is based on instruments of title, the data do not reflect the area of those portions of grants which could not be satisfied under the law for various reasons or of those grants or portions of grants which were forfeited.

Land Utilization: Series F 25-68

F 25-36. Land and water area, by type, 1850-1945. SOURCES: Figures for total area and total farm land are based on figures in square miles from the Bureau of the Census. For total figures (gross, land, and water) in square miles, 1790-1945, see series B 26-28. Data on utilization of farm land, 1850-1925, are mostly Bureau of Agricultural Economics estimates based on the Census of Agriculture conducted by the Bureau of the Census. Those for 1930-1945 are from the Census of Agriculture. All data for total nonfarm land are from the Census Bureau. Figures for utilization of nonfarm land are estimated by Bureau of Agricultural Economics from records and reports of State and Federal agencies concerned with management of public land, conservation of land, public services, and assessment of land for taxation.

Collection of land utilization statistics began with the Census of 1850, when farm land was enumerated as "improved land" or "unimproved land." In 1890 and in later census years these inquiries were expanded and revised. After the turn of the century collection of various land utilization statistics was begun by branches of the Department of Agriculture, while other contributions to the literature on this subject were made by numerous agencies, State universities, and individuals.

Major emphasis has been upon the collection of statistics concerning crops—acreage and kind. The Census of Agriculture has been the primary source of data concerning land in farms in census years. Statistics concerning land not in farms have been less complete, with the exception of forest land, and have included studies of individual items by interested agencies, such as forest land acreage by the Forest Service, public-domain lands by the Department of the Interior, etc., and studies of local areas by Federal, State, and private agencies and individuals. During the 1930's studies by the National Resources Planning Board and assisting agencies contributed greatly to the available statistics on total land utilization. Since 1920 the Bureau of Agricultural Economics has prepared periodic inventories of land use.

Data for 1940 and 1945 are the results of the remeasurement of the United States made for the 1940 Decennial Census. The last previous measurement was that for the Census of 1880. Differences are due primarily to the more accurate determination of the outer limits of the United States, the improvement in mapping, and omission of certain bodies of water included in the previous measurements. See *Areas of the United States, 1940*, Sixteenth Census of the United States, 1940, Department of Commerce, Bureau of the Census, 1942, pp. 1-5. For a summary of the development of the science of measuring geographic area, giving particular emphasis to work done in the United States, see Proudfoot, Malcolm J., *Measurement of Geographic Area*, U. S. Bureau of the Census, Washington, D. C., 1946.

Changes in total farm land in the period of record in part represent increased agricultural activity and in part more complete census enumeration and changes in census definition of *land in farms*. Uses not reported by the Census Bureau and additions to census data for the years following 1925 are based largely on agricultural statistics assembled by the Department of Agriculture. Forest land inventories and grazing land studies during this period are believed to have improved the reliability of the estimates of these items for this period as contrasted with earlier years. Estimates for 1924 and prior census years for land not in farms are based on more limited evidence, such as available charts, maps, records, and reports on land areas and uses.

F 25-27. Total area, 1850-1945. SOURCE: See text for series F 25-36, above. Definitions: *Total land area*, as defined by the Census for the 1940 remeasurement includes "dry land and land temporarily or partially covered by water, such as marshland, swamps and river flood plains . . ." (except tidal flats) ". . . streams, sloughs, estuaries, and canals less than $\frac{1}{2}$ of a statute mile in width; and lakes, reservoirs, and ponds having less than 40 acres of area." *Inland water areas*, as defined by the Census for the 1940 remeasurement, includes the "permanent inland water surface, such as lakes, reservoirs, and ponds having 40 acres or more of area; streams, sloughs, estuaries, and canals $\frac{1}{2}$ of a statute mile or more in width; deeply indented embayments and sounds and other coastal water 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."

F 28-32. Farm land, 1850-1945. SOURCE: See text for series F 25-36, above. Definitions: *Cropland* includes cropland harvested, crop failure, and cropland idle or fallow. *Farm pasture* includes nonforested pasture and grazing land, whether plowable or not plowable. *Farm woodland* as defined by the Census, includes grazed or ungrazed "farm wood lots or timber tracts, natural or planted, and cut-over land with young growth, which has or will have value as wood or timber. Chaparral and woody shrubs were to be omitted." *Other land in farms* includes farmsteads, roads, lanes, wasteland, etc.

F 33-36. Nonfarm land, 1850-1945. SOURCE: See text for series F 25-36, above. Definitions: *Nonfarm grazing land* includes nonfarm pasture and rangeland, arid woodland and other noncommercial forest land. *Nonfarm forest land* includes nonfarm timber land capable of producing timber of commercial quantity and quality. *Other nonfarm land* includes urban areas, highways and roads, railroad rights-of-way, parks, game refuges, airports, and other similar "service areas." Also included are lands having slight use value, such as desert, rock, sand dunes, etc.

F 37-51. Public and private land ownership by major uses, 1920-1945. SOURCES: Compiled by the Bureau of Agricultural Economics from a number of Federal and State reports and records. Varying degrees of reliability attach to these figures. The figures used here are applicable for different dates, and all of them have been assembled for some other purpose than that for which they are used here. The areas of all unsurveyed lands are estimated, and the areas of many based on surveys are subject to correction. Some of the data are not complete and are used merely for comparison. Therefore, the figures given here, while the best now available, are not strictly accurate, often not complete, and are not comparable among themselves. Nevertheless, they give some notion of the major features of land use and control for the country as a whole.

See text for series F 25-36 for definitions and for longer series on total land area. *Public land* as used here is land owned or administered by Federal, State, county, municipal, or other governments for common or public purposes. Public land usually includes Indian lands held in trust and administered for the benefit of groups or tribes of the Indian people. Public land frequently is used by private parties under a system of permits or leases. Sometimes the public land, where it is used by individual users, is in-

cluded in reporting statistics on acreages in farms. More often, the public land is reported as not in farms, where it is used in common by several persons. *Private land* is land held or owned by private individuals, groups, and corporations, and is generally used for private purposes.

F 52-61. Drainage and irrigation, 1890-1940. SOURCES: Bureau of the Census, *Drainage of Agricultural Lands*, 1940, table 1, p. 1; *Irrigation of Agricultural Lands*, 1940, tables 2 and 3, pp. 2-3; *Census of Agriculture*, 1935 and 1940. Statistics relating to irrigation were first collected by the Bureau of the Census in 16 Western States in 1890 and published in a report, *Agriculture by Irrigation in the Western Part of the United States*. Information on irrigation was obtained by the Census in 1900 for the same 16 States and was included in the State reports of the Census of Agriculture. A special census of irrigation was taken in 1902 and the statistics were published in *Bulletin 16* of the Census Bureau in 1904. An irrigation census was taken in the years of 1910, 1920, 1930, and 1940, and the data were published for each irrigation census as a separate report. The acreage of irrigated cropland harvested was obtained in the Census of Agriculture in 1935 and published in the agriculture reports for that year.

The first drainage census in the United States was taken in 1920, the second in 1930, and the latest in 1940, together with the Census of Agriculture. The 1940 census of drainage covered 38 States, including all States where organized public drainage enterprises were major factors in drainage. Data were collected on areas of land and its use, the type of drainage, the total public investment, and the character of enterprise. The date of each drainage census was January 1 of the census year. The data on condition and use of the land was for the year preceding the date of the census.

Although both types of reclamation have been and are important, drainage development overshadows irrigation in acreage of land already converted to farming and in land that still may be developed. Drainage developments are concentrated mostly in the humid zones of the Eastern and Central States, whereas irrigation developments are located predominantly in the arid and semiarid zones of the West. However, in irrigated areas, drainage also must be provided to carry away any water not required by the crops.

The States included for series F 56-59 are: Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, Wyoming, Kansas, Nebraska, North Dakota, South Dakota, Oklahoma, Texas, Arkansas, and Louisiana. For series F 60-61, the States included are: Alabama, Florida, Georgia, Mississippi, South Carolina, Kentucky, Tennessee, North Carolina, Virginia, Ohio, Indiana, Illinois, Iowa, Michigan, Missouri, Minnesota, Wisconsin, Maine, New Hampshire, Vermont, Massachusetts, Connecticut, Rhode Island, New York, Pennsylvania, New Jersey, Delaware, Maryland, and West Virginia.

F 62-68. Agricultural land utilization program, Soil Conservation Service and antecedent agencies, 1935-1945. SOURCES: Department of Agriculture, *Agricultural Statistics*, 1939 to 1946, and *Report of the Chief of the Soil Conservation Service*, 1943 to 1946.

F 62. Total area managed, 1935-1945. SOURCE: See text for series F 62-68, above. Includes lands under the direct control of the Soil Conservation Service and that managed through local agencies, such as soil conservation districts, grazing districts, and grazing associations. Certain areas wherein Soil Conservation Service retains only custodial responsibility for managements and protection are not included but are reported separately. For the years 1935-38, "total area managed" represents lands acquired less land transferred.

F 68. Areas transferred to State agencies with Soil Conservation Service maintaining custodial responsibility, 1935-1945. SOURCE: See text for series F 62-68, above. Includes lands transferred to State agencies by agreement whereby the United States retains title to the land and the SCS acts as custodian. Other areas have been transferred to State agencies with custodial responsibility

resting in other Federal agencies, such as the United States Forest Service and the Fish and Wildlife Service.

The agricultural land-utilization program was initiated in 1934 under the Land Policy Section of AAA and was continued under the Resettlement Administration and the Farm Security Administration. Acquisition, development, and management functions provided for by Title III of the Bankhead-Jones Farm Tenant Act (Pub. No. 210, 75th Congress, 1st session, Ch. 517) were transferred to the Soil Conservation Service in 1938.

Acquisition of land totaled about 179,000 acres under the AAA; about 8½ million acres under the RA and FSA; and 2½ million acres more or less under the Soil Conservation Service—a total of about 11½ million acres, of which more than 4 million acres have been transferred to other Federal and State agencies for administration. The lands transferred include: Forest lands transferred as additions to the national forests; wildlife refuges; State parks; military areas; and other public-use areas.

Forestry: Series F 69-154

F 69-73. National forest areas and purchases, 1905-1945. SOURCE: Department of Agriculture, Forest Service annual reports on national forest areas and annual reports of the National Forest Reservation Commission. *National forest areas* include areas within national forests and areas within purchase units, experimental forests, land utilization projects, and small administrative sites outside of national forests. *National forest purchases* show the acreage authorized for purchase by the United States for national forest purposes. *Gross area within established boundaries* refers to the total acreage within the established boundaries of the national forests and other units mentioned above. *Part of gross area under Forest Service Administration* refers to the part of the total area within the national forest and other unit boundaries that is owned by the United States or being acquired by it and actually under the administration of the Forest Service; the difference between these data and the gross area data is the part in private, State, or other ownership.

F 74-87. National forest grazing, roads and trails, and visitors; forest trees planted on farm lands, 1905-1945. SOURCE: Department of Agriculture, Forest Service records and annual reports, and *Agricultural Statistics*.

F 88-102. National forest timber cut and receipts, 1905-1945. SOURCE: Department of Agriculture, Forest Service records and annual reports, and *Agricultural Statistics*.

F 103-108. Payments to States and Territories, and allotments to Forest Service, 1906-1945. SOURCE: Forest Service records and annual reports. Payments to States and Territories are from receipts of the previous year. Allotments to Forest Service are for expenditure in States and Territories for acquisition of land and for road and trail work, and are based on receipts from timber, grazing, and other uses.

The *25-percent fund* (series F 104) refers to the appropriation of 25 percent of the net revenues during any fiscal year from each national forest to be paid at the end of such year to the State or Territory in which the forest is situated, for the benefit of the public schools and public roads of such county or counties. This fund represents a permanent appropriation established by the Act of May 23, 1908.

The *Arizona and New Mexico school fund* (series F 105) refers to the Act of June 20, 1910, which appropriates, out of any money not otherwise appropriated, an amount equal to such proportion of the gross proceeds (during each fiscal year) of all the national forests within the States of Arizona and New Mexico, as the area of land granted to the States for school purposes within these forest reserves bears to the total area of all national forests within the two respective States.

Allotments for roads and trails (series F 107) are based on the Act of March 4, 1913, which appropriates 10 percent of all moneys received from the national forests during each fiscal year for the

construction and maintenance of roads and trails within the national forests in the States from which such proceeds are derived.

Allotments for the acquisition of lands (series F 108) refer to special acts applicable to national forests in Utah, Nevada, and California. Such allotments are for the acquisition of land to facilitate the control of soil erosion and flood damage originating within the exterior boundaries of those forests, in accordance with the provisions of the special acts authorizing annual appropriations of forest receipts for such purposes.

F 109-111. Lumber production, decennially 1799-1899, annually 1904-1945. SOURCE: For 1799-1928, see Reynolds, R. V., and A. H. Pierson, *Lumber Production, 1869-1934*; for 1929-1945, data are from Department of Agriculture, Forest Service records. Primary sources of data for 1869-1899, 1909, 1919, 1942-1945 are Bureau of Census reports of Biennial Census of Manufactures and annual reports on forest products; for other years, Forest Service estimates based on reported production.

F 112-122. Stumpage, log, and lumber prices, 1900-1945. SOURCE: Department of Agriculture, Forest Service, *Stumpage Prices of Privately Owned Timber in the United States*, Technical Bulletin No. 626; also Bureau of the Census records; for 1928-1943, see Forest Service, *Stumpage and Log Prices*, annual bulletins.

F 123-131. Wood products treated with preservatives, 1909-1945. SOURCE: Department of Agriculture, Forest Service, in cooperation with the American Wood-Preservers' Association, annual report, *Quantity of Wood Treated and Preservatives Used in the United States*.

F 132-136. Consumption and production of pulpwood, wood pulp, paper and paperboard, 1898-1945. SOURCE: Compiled by the Department of Agriculture, Forest Service, from Bureau of the Census reports of Biennial Census of Manufactures and annual reports; *Forest Service Bulletins* of the War Production Board; U. S. Pulp Producers Association, *Wood Pulp Statistics*, July 1946; American Paper and Pulp Association, *The Statistics of Paper*, March 1947.

F 137-142. Gum and wood naval stores production, 1898-1945. SOURCE: For 1898-1932, see *Gamble's International Naval Stores Year Book*, 1932-33 and 1939-1940; for 1932-1945, see same, and Department of Agriculture, Bureau of Agricultural and Industrial Chemistry, *Annual Reports*.

F 143-150. Number of forest fires and area burned over, 1906-1945. SOURCE: Department of Agriculture, Forest Service records. Data for current years will be found in annual report, *Forest Fire Statistics*.

F 151-154. Expenditures for forest fire control on State and private lands, 1912-1945. SOURCE: Department of Agriculture, Forest Service records.

Fisheries: Series F 155-219

F 155-219. General note. These series were obtained from the Department of the Interior, Fish and Wildlife Service. The statistics are published in greater detail in publications of the Fish and Wildlife Service and its predecessor agency, the Bureau of Fisheries, which 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. See also *Fishery Resources of the United States*, Senate Document No. 51, 79th Congress, 1st Session, 1945.

FISHERIES YIELD AND DISPOSITION (F 155-159)

F 155-159. Yield and disposition of catch, United States and Alaska, 1929-1945. SOURCE: Department of Interior, Fish and Wildlife Service. These data are partly estimated.

FISHERIES CATCH (F 160-192)

F 160-165. Catch, United States and Atlantic coast, 1804-1945. SOURCE: Department of Interior, Fish and Wildlife Service.

F 160. Haddock catch, 1880-1945. SOURCE: Department of Interior, Fish and Wildlife Service. Data are partly estimated. Haddock is the mainstay of the United States otter trawl fishery and is the most valuable of all the North Atlantic coast fisheries. The haddock of the Northwest Atlantic make up a complex of populations of which at least three main groups are recognized, inhabiting, respectively, the New England Banks, the Nova Scotian Banks, and the Newfoundland Banks.

F 161. Shad catch, 1892-1944. SOURCE: Department of Interior, Fish and Wildlife Service. Data were obtained by actual canvass for most of the years shown. The other years were obtained by interpolation. The shad catch ranks thirtieth among the fisheries of the United States (see *Fishery Resources of the United States*, cited above for series F 155-219). The shad is a native species of the Atlantic Coast, and was once among the most abundant fish along the Pacific Coast, having been brought there from the Atlantic.

F 162. Menhaden received, 1873-1898, 1912, 1921-1945. SOURCE: Data for 1873-1898 are from *Aquatic Products in Arts and Industries* by Charles H. Stevenson, Report of the Commissioner of Fisheries, 1902; for 1912, 1921-1945 from Fish and Wildlife Service reports. The menhaden is used almost exclusively in the manufacture of meal and oil, only small quantities are canned. The menhaden fishery started in New England, but is now centered in the Middle Atlantic States.

Menhaden are usually sold by number rather than by weight. The number of fish is obtained by measurement. The fish are measured in a "quarter box," each segment of which holds a volume of 22,000 cubic inches which constitutes an arbitrary measure of 1,000 fish. This is based on one standard menhaden occupying a volume of 22 cubic inches. The actual number of fish required per unit of measure of course shows considerable variation. The weight of 22,000 cubic inches of menhaden is about 666 pounds. The number of fish shown can be converted to pounds by multiplying by 0.67.

F 163. Whales killed, 1909-1945. SOURCE: Department of Interior, Fish and Wildlife Service.

F 164. Atlantic Coast mackerel catch, 1804-1944. SOURCE: Department of Interior, Fish and Wildlife Service. Data are partly estimated. Atlantic Coast mackerel spawn from Cape Hatteras to the southern part of the Gulf of St. Lawrence, the principal spawning areas being located between Chesapeake Bay and Cape Cod Bay.

F 165. Atlantic Coast, cod catch, 1880-1944. SOURCE: Department of Interior, Fish and Wildlife Service. Data are partly estimated. The cod resource is perhaps the largest of the North American Banks and yields a billion pounds of fish a year to fishermen of the United States, Canada, and Newfoundland. The heaviest concentrations of cod on the New England Coast are found on eastern Georges Bank, in the same localities as haddock, but somewhat earlier in the season. The biggest part of the United States catch of cod is taken with otter trawls; the balance with lines, sink gill nets, floating traps, and pound nets.

F 166-172. Catch, New England States, 1887-1945. SOURCE: Department of the Interior, Fish and Wildlife Service. The North Atlantic region equivalent to the New England States is characterized by a wide continental shelf, which in some places extends out from the coast for hundreds of miles. Large areas of the shelf rise to form submerged plateaus, called banks, on which lives a vast population of bottom-living fishes. Most important among them are the haddock, rosefish, cod, flounders, and pollock.

F 173-177. Catch, Middle Atlantic and Chesapeake Bay States, 1880-1945. SOURCE: Department of the Interior, Fish and Wildlife Service. The Middle Atlantic States and Chesapeake Bay States are the most important producing centers for oysters, blue

crabs, menhaden and shad, alewives, and striped bass. Large quantities of flounders, butterfish, croaker, scup, "sea trout," and whiting are taken close inshore in summer with pound nets, offshore in winter with trawls. The most important shore fishery industries in this area are the packing of shucked oysters and fresh-cooked crab meat and the manufacture of fish meal and oil.

F 178-179. Catch, South Atlantic and Gulf States, 1880-1945. SOURCE: Department of the Interior, Fish and Wildlife Service. The South Atlantic and Gulf States are the seat of the largest shrimp fishery in the world. This crustacean lives on the floor of the continental shelf, is taken almost entirely with otter trawls operated from motored craft. Other important fishes are mullet taken largely on the west coast of Florida; menhaden, used in manufacture of meal and oil; alewives, sea trout, red snapper, and Spanish mackerel.

F 180-185. Catch, Pacific Coast States, 1888-1945. SOURCE: Department of the Interior, Fish and Wildlife Service. The North Pacific States' most important fisheries are for salmon, halibut, sharks, albacore, crabs, and oysters. In recent years an otter trawl fishery for flounders, rockfishes, and lingcod has been developing rapidly. Shore industries are based on canning, curing, packaging of fresh and frozen fish and shellfish, and the manufacture of fish-liver vitamin oils.

The South Pacific Coast receives the greatest volume of fish landed anywhere in America. Foremost fishery is for the sardine, the largest fishery resource in the Western hemisphere, which supplies raw material for cheap canned foods, fish meal, and oil.

F 186. Catch, Great Lakes and the international lakes of northern Minnesota, 1885-1945. SOURCE: Department of the Interior, Fish and Wildlife Service. The Great Lakes and their connecting waters form the largest single fresh-water area in the world. They have a surface area of about 60.9 million acres.

The Great Lakes provide a great diversity of habitat and different areas vary widely as to kinds and abundance of their fish populations. In general, the shallower waters contain the largest variety of species and yield the largest catches. Thus Lake Erie, the shallowest of the lakes, is the most productive.

The lake trout is the most valuable Great Lakes fishery resource yielding around 10 million pounds annually. Other important types of fish are the pikeperches, lake herring, chubs, and yellow perch.

F 187-188. Catch, Mississippi River and tributaries, 1894-1931. SOURCE: Department of Commerce, Bureau of Fisheries.

F 189-192. Catch, Alaska, 1927-1945. SOURCE: Department of the Interior, Fish and Wildlife Service. Alaska is the chief production center of salmon, most valuable fishery resource of the United States. It is also an important source of herring, halibut, sablefish and clams.

LANDINGS (F 193-198)

F 193-198. Landings at certain New England ports, 1893-1944. SOURCE: United States Department of the Interior, Fish and Wildlife Service.

FISHERY PRODUCTS (F 199-215)

F 199. Production of frozen fish, United States, 1920-1945. SOURCE: Department of the Interior, Fish and Wildlife Service.

F 200-211. Production of canned fishery products, 1921-1945. SOURCE: Department of the Interior, Fish and Wildlife Service. According to *Fishery Resources of the United States*, cited above (see text for series F 155-219), "in 1941, 400 canneries produced over 900 million pounds of canned fish and shellfish. The Pacific Coast States and Alaska produced 82 percent of the pack, the Atlantic Coast and Lake States 16 percent, and the Gulf States 2 percent." The standard case, used here as the unit of measure, varies in weight according to type of fish, as follows: Salmon, 45 pounds; sardines, 20.3 pounds; solid pack tuna, 21 pounds; and grated tuna, 18 pounds. Standard cases of shellfish generally consist of 48 10-ounce cans of varying net weights depending on the contents.

F 212-215. Production of fish scrap and meal, and fish and marine oils, 1921-1945. SOURCE: Department of the Interior, Fish and Wildlife Service. Fish scrap and meal are used as constituents of animal feeds. Fish and fish liver oils are the most valuable of fishery by-products and are used for medicinal purposes, for fortifying animal feeds, and in a variety of industrial processes.

SPONGES AND SEALS (F 216-219)

F 216-217. Sales of sponges at the Tarpon Springs Sponge Exchange, 1913-1945. SOURCE: Department of the Interior, Fish and Wildlife Service, *Sp. 1556-B. B. Sponge Transactions at Tarpon Springs*. The sponge fishery of the United States is carried on only in a limited area in Florida.

F 218-219. Pribilof Islands seal herd, 1910-1945. SOURCE: Department of the Interior, Fish and Wildlife Service. The main breeding colonies of fur seals are on St. Paul and St. George Islands, the largest of the Pribilof group which lie off the coast of Alaska. The fur seal herd which comprises 80 percent of all the fur seals in the world is national property, exploited under the direction of and for the profit of the Federal Government. For early figures on the Pribilof Islands seal herd, see U. S. Bureau of the Census, "Report on the Population, Industries, and Resources of Alaska," pp. 61-67, and "Report on the Seal Islands of Alaska," in vol. VIII, Tenth Census Reports (1880); and Eleventh Census Reports (1890), *Report on Population and Resources of Alaska*, pp. 215-216.

Series F 1-7.—LAND—ACQUISITION AND EXTENT OF TERRITORY AND PUBLIC DOMAIN, CONTINENTAL UNITED STATES: 1781 TO 1945

[Areas are as computed in 1912, hence do not agree with total figures (in square miles) shown in series B 25, or with figures (in acres) shown for 1940 and 1945 in series F 25-27 and F 37]

YEAR AND HOW ACQUIRED	ACQUISITION OF THE TERRITORY OF THE UNITED STATES			ACQUISITION OF THE ORIGINAL PUBLIC DOMAIN			Estimated area of the public domain ¹ (selected years)
	Total area	Land area	Water area	Total area	Land area	Water area	
	1	2	3	4	5	6	
Aggregate, 1945	1,937,144,960	1,903,289,600	33,855,360	1,462,466,560	1,442,200,320	20,266,240	413,000,000
1912, estimate of public domain							600,000,070
1830, estimate of public domain							900,000,000
1853, Gadsden Purchase	18,988,800	18,961,920	26,880	18,988,800	18,961,920	26,880	1,200,000,000
1850, estimate of public domain							
1850, Purchase from Texas				78,926,720	78,842,880	83,840	
1848, Mexican Cession ²	338,680,960	334,479,360	4,201,600	338,680,960	334,479,360	4,201,600	
1846, Oregon Compromise	183,386,240	180,644,480	2,741,760	183,386,240	180,644,480	2,741,760	
1845, Annexation of Texas ³	249,066,240	246,777,600	2,288,640				
1819, Cession from Spain	46,144,640	43,342,720	2,801,920	46,144,640	43,342,720	2,801,920	
Red River Basin ⁴	29,601,920	29,066,880	535,040	29,601,920	29,066,880	535,040	
1803, Louisiana Purchase ⁵	529,911,680	523,446,400	6,465,280	529,911,680	523,446,400	6,465,280	
1802, estimate of public domain							200,000,000
1783, Treaty with Great Britain	541,364,480	526,570,240	14,794,240				
1781-1802 (State Cessions)				236,825,600	233,415,680	3,409,920	

¹ Estimated from imperfect data available for indicated years.
² Estimated area of public domain in 1946.
³ Data for Louisiana Purchase exclude areas eliminated by the Treaty of 1819 with Spain. Such areas are included in figures for annexation of Texas and the Mexican Cession.
⁴ Includes 33,920 acres subsequently recognized as part of the State of Texas which is not a public domain State.
⁵ Represents drainage basin of the Red River of the North, south of the 49th parallel. Authorities differ as to the method and exact date of its acquisition. Some hold it as a part of the Louisiana Purchase, others maintain it was acquired from Great Britain.

Series F 8-18.—PUBLIC LANDS—VACANT LANDS, DISPOSAL OF PUBLIC LANDS, AND NATIONAL PARK SYSTEM: 1802 TO 1945

[For Treasury receipts from sale of public land, see series P 94]

YEAR	Vacant public lands, June 30	Cash receipts of Gen'l Land Office ¹	Land granted to States, as of June 30, 1946 ²	ALL ENTRIES, SELECTIONS, PATENTS, ETC. ³			HOMESTEAD ENTRIES, EXCEPT ON CEDED INDIAN LANDS			NATIONAL PARK SYSTEM	
				All original entries and selections ⁴	All final entries	Patents and certifications	Original entries		Final entries ⁵	Area administered by Nat'l Park Service ⁶	Visitors per travel year ⁷
							Number	Acreage			
	8	9	10	11	12	13	14	15	16	17	18
	Million acres	1,000 dollars	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Number	1,000 acres	1,000 acres	1,000 acres	1,000 visitors
1945	170	13,382		40	61	217	182	22	35	15,094	10,137
1944	168	14,355		91	85	402	157	20	51	15,032	7,740
1943	169	9,758		63	168	637	211	29	102	15,029	6,491
1942	174	9,014		135	252	1,055	283	37	188	14,578	10,447
1941	172	7,732		76	491	1,039	400	51	390	14,502	20,715
1940	(8)	7,058		54	756	1,904	349	46	652	14,443	16,461
1939	(8)	7,756		302	1,198	1,982	378	66	1,089	13,706	15,257
1938	(8)	8,447	2	131	1,478	1,944	447	78	1,362	13,210	16,129
1937	(8)	7,400	1	125	2,026	2,184	561	111	1,915	11,091	14,924
1936	(8)	5,194	200	426	1,938	1,359	1,209	357	1,765	9,538	11,796
1935	(8)	4,800	(9)	1,759	1,772	1,610	3,297	1,166	1,640	9,291	7,461
1934	166	4,035	3	3,585	1,225	1,362	7,507	2,787	1,124	6,747	6,091
1933	172	3,859	193	3,118	950	1,866	7,527	2,642	907	6,642	3,242
1932	173	4,129	77	4,552	1,333	2,013	10,639	3,914	1,210	6,634	3,608
1931	177	4,836	2	5,219	1,537	2,126	12,640	4,757	1,353	6,407	3,411
1930	179	6,801	1	5,435	1,577	2,253	12,708	4,723	1,371	6,237	3,153
1929	190	6,194	100	4,613	2,030	2,648	11,598	4,178	1,701	6,038	3,134
1928	194	6,710	252	3,726	2,168	2,519	10,429	3,367	1,816	5,862	2,942
1927	194	9,202	55	3,595	3,011	4,586	10,500	3,237	2,584	5,814	2,757
1926	196	11,414		3,243	3,962	4,600	10,354	2,875	3,451	5,785	2,277
1925	185	10,766	1	3,641	4,489	5,627	11,010	3,041	4,049	5,569	1,991
1924	187	16,373	(9)	4,564	5,229	9,082	13,886	3,873	4,791	5,567	1,619
1923	186	10,700		6,415	6,201	10,352	18,942	5,524	5,594	5,541	1,453
1922	183	11,785		10,367	8,074	13,761	29,263	8,980	7,307	5,540	1,189
1921	190	14,508	(9)	15,632	8,772	10,930	43,813	13,662	7,727	5,540	1,156
1920	200	6,132		16,437	9,778	13,327	48,532	13,511	8,373	5,540	1,058
1919	213	4,304		11,871			39,341	10,204	6,525	5,537	312
1918	222	5,432		10,147			35,875	7,420	8,236	4,924	452
1917	231	6,150	(9)	16,202			58,896	12,021	8,497	4,863	491
1916	255	5,445	4	18,708			65,232	13,628	7,278	4,746	358
1915	280	5,395	2	16,861			62,360	12,440	7,181		
1914	291	6,148		16,523			62,229	12,117	9,291		
1913	298	6,956		15,867			57,800	11,222	10,009		
1912	315	9,973	(11)	14,575			52,991	13,624	4,306		
1911	327	11,090		19,211			70,720	17,639	4,620		
1910	344	11,464	17,150	26,391			98,598	18,329	3,796		
1909	363	12,216	(9)	19,893			75,445	12,302	3,699		
1908	387	12,716	16	19,030			37,057	13,586	4,243		
1907	406	11,553	(9)	20,998			93,957	14,755	3,741		
1906	424	7,586	3,114	19,431			89,600	13,975	3,527		
1905	449	7,018	(9)	17,057			70,344	12,896	3,419		
1904	474	9,283	20	16,332			69,175	10,171	3,233		
1903		11,025		22,824			80,188	11,193	3,577		
1902		6,262	(9)	19,372			98,829	14,033	4,343		
1901		4,972		15,453			68,648	9,497	5,241		

See footnotes on next page.

Series F 8-18.—PUBLIC LANDS—VACANT LANDS, DISPOSAL OF PUBLIC LANDS, AND NATIONAL PARK SYSTEM: 1802 TO 1945—Con.

[For Treasury receipts from sale of public lands, see series P 94]

YEAR	Cash receipts of Gen'l Land Office ¹	Land granted to States, as of June 30, 1946 ²	All original entries and selections ⁴	HOMESTEAD ENTRIES, EXCEPT ON CEDED INDIAN LANDS			YEAR	Land granted to States, as of June 30, 1946 ²	Homesteads, original entries ¹¹
				Original entries		Final entries ⁵			
				Number	Acreage				
				14	15	16			
	1,000 dollars	1,000 acres	1,000 acres	Number	1,000 acres	1,000 acres	1,000 acres	Number	
1900	4,380	8	13,391	61,270	8,478	3,478	1867	16,957	
1899	3,070	50	9,091	45,776	6,178	3,194	1866	15,355	
1898	2,278	5,700	8,422	44,980	6,207	3,095			
1897	2,088	(⁹)	7,754	33,250	4,452	2,778	1865	8,924	
1896	2,106		13,174	36,548	4,831	2,790	1864	9,405	
							1863	8,223	
1895	2,033	69	8,364	37,336	5,009	2,981	1862	9,420	
1894	2,768	8,477	10,377	56,632	8,047	2,930	1861	3,052	
1893	4,480		11,802	48,436	6,809	3,477			
1892	4,860	8	13,567	55,113	7,716	3,260	1859	8,498	
1891	5,429	(⁹)	10,357	37,602	5,040	3,955	1857	2,974	
							1855	46	
1890	7,781	7,678	12,666	40,244	5,532	4,061	1853	5,587	
1889	9,686	15,367	17,026	42,133	6,029	3,682	1850	55,399	
1888	13,547	(⁹)	24,161	46,236	6,677	3,175	1849	9,491	
1887	12,239		25,111	52,028	7,594	2,749	1846	1,081	
1886	9,031		20,992	61,638	9,145	2,664			
							1845	2,076	
1885	8,628		20,114	60,877	7,416	3,033	1841	9,500	
1884	12,789	46	26,834	54,982	7,832	2,946	1836	2,146	
1883	11,714		19,031	56,565	8,172	2,504	1832	24	
1882	8,395		13,999	45,331	6,348	2,219	1831	6	
1881	5,409	276	10,763	36,999	5,028	1,928			
							1827	46	
1880		(⁹)	9,152	47,293	6,046	1,938	1826	25	
1879			8,724	41,005		2,071	1823	92	
1878			7,210	35,630		2,663	1820	1,317	
1877			3,495	18,675		2,408			
1876			4,292	25,104		2,591	1819	986	
							1818	1,186	
1875		3,842	3,792	20,668		2,069	1817	824	
1874			4,784	29,126		1,586	1816	740	
1873			6,386	31,501		1,225			
1872			7,248	38,742		707	1812	807	
1871			7,119	39,768		629	1803	793	
							1802	24	
1870			6,663	33,972		520			
1869			6,678	25,628		504			
1868				23,746		355			

¹ Includes receipts from such sources as the 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.

² Includes grants for such public purposes as the following: Educational, penal, and other public institutions and buildings; bridges, reservoirs, and other internal improvements; reclamation of swamp and arid lands; experiment stations; recreational areas; wildlife and forestry areas; military camps; and payment of bonds issued by local governments. Does not include grants tabulated in series F 20-24. Does not include acreage of swamplands lost to the States, for which the States received indemnity in cash.

³ Includes homesteads.

⁴ Previous to 1911 the data included, in addition to original entries and selections, some classes of final entries and patents.

⁵ Exclusive of commuted homesteads.

⁶ Does not include recreational demonstration areas.

⁷ The travel year is October 1-September 30. Data are estimated in part.

⁸ Not reported.

⁹ Less than 1,000 acres.

¹⁰ The increase in area over 1925 was reported as the result of a "special check" of field office records which was "used as a basis for a complete revision of the vacant land statistics."

¹¹ Grants of unsurveyed lands to Wisconsin for forestry purposes; area not determined.

¹² Except on ceded Indian lands.

Series F 19.—PUBLIC LAND SALES: 1800 TO 1860

[In thousands of acres]

CALENDAR YEAR	Acres	CALENDAR YEAR	Acres	CALENDAR YEAR	Acres	CALENDAR YEAR	Acres	CALENDAR YEAR	Acres
1860	2,543.4	1847	2,521.3	1835	12,564.5	1822	710.0	1810	285.8
1859	4,011.7	1846	2,263.7	1834	4,658.2	1821	782.5	1809	275.0
1858	3,663.6			1833	3,856.2			1808	209.2
1857	4,220.1	1845	1,843.5	1832	2,462.3	1820	814.0	1807	320.9
1856	5,247.0	1844	1,754.8	1831	2,777.9	1819	2,968.4	1806	506.0
		1843	1,605.3			1818	3,491.0		
1855	11,959.8	1842	1,129.2	1830	1,929.7	1817	1,886.2	1805	582.0
1854	12,823.0	1841	1,164.8	1829	1,244.9	1816	1,742.5	1804	398.2
1853	3,787.1			1828	965.6			1803	174.2
1852	894.8	1840	2,236.9	1827	926.7	1815	1,306.4	1802	271.1
1851	2,055.9	1839	4,976.4	1826	848.1	1814	1,176.1	1801	497.9
		1838	3,414.9			1813	505.6		
1850	1,405.8	1837	5,601.1	1825	999.0	1812	386.1	1800	67.8
1849	1,329.9	1836	20,074.9	1824	737.0	1811	575.1		
1848	1,887.6			1823	652.1				

Series F 20-24.—PUBLIC LANDS—GRANTS BY UNITED STATES TO AID IN CONSTRUCTION OF RAILROADS, WAGON ROADS, CANALS, ETC.: 1823 TO 1871

[In thousands of acres]

YEAR	Total grants	PURPOSE				YEAR	Total grants	PURPOSE			
		Railroads	Wagon roads	Canals	River improvements			Railroads	Wagon roads	Canals	River improvements
		20	21	22	23			24	20	21	22
1871	3,253	3,253				1853	3,379	2,629		750	
1870	129	129				1852	1,773				
1869	105		105			1851	3,752	3,752			
1867	25,173	23,535	1,538	100		1847	1,845	840			1,005
1866	200			200		1838	139			139	
1865	42,794	41,452	941	401		1828	1,338			938	400
1864	2,349	2,349				1827	2,273		202	2,071	
1863	31,401	30,877	524			1823	49		49		
1857	6,689	6,689									
1856	14,085	14,085									

Series F 25-36.—LAND UTILIZATION—LAND AND WATER AREA, BY TYPE: 1850 TO 1945

[In millions of acres. Total farm land and total nonfarm land acreages are for the calendar year indicated; cropland and pasture land acreages usually relate to the preceding year]

YEAR	TOTAL AREA ¹			FARM LAND					NONFARM LAND			
	Grand total	Land	Inland water	Total	Cropland	Farm pasture	Farming woodland	Other land in farms	Total	Grazing land ²	Forest land ²	Other non-farm land
	25	26	27	28	29	30	31	32	33	34	35	36
1945	1,934	1,905	29	1,142	403	529	166	44	763	292	322	149
1940	1,934	1,905	29	1,061	399	461	157	44	844	332	325	137
1935	1,937	1,903	34	1,055	416	410	185	44	848	411	306	131
1930	1,937	1,903	34	987	413	379	150	45	916	437	349	130
1925	1,937	1,903	34	924	391	331	144	58	979	495	354	130
1920	1,937	1,903	34	956	402	328	163	58	947	502	319	126
1910	1,937	1,903	34	879	347	234	191	57	1,064	600	301	123
1900	1,937	1,903	34	839	319	276	191	53	1,064	625	318	121
1890	1,937	1,903	34	623	248	144	190	41	1,280	818	344	118
1880	1,937	1,903	34	536	183	122	190	36	1,367	883	368	116
1870	1,937	1,903	34	408	* 189		* 219		1,495	(³)	(³)	(³)
1860	1,937	1,903	34	407	* 163		* 244		1,496	(³)	(³)	(³)
1850	1,918	1,884	34	294	* 113		* 181		1,590	(³)	(³)	(³)

¹ 1920 data used also for 1925; 1930 data for 1935; and 1940 data for 1945. Land and water areas were completely remeasured in 1940. The difference between the new measurements and those reported in earlier years is due primarily to the redetermination of the outer limits of the United States, the improvement in mapping, and the fact that certain bodies of water included in previous measurements were omitted under the definitions adopted in 1940.

² More than half of the forest and woodland in the United States is grazed by livestock. Nonfarm grazing land includes arid woodland and other noncommercial forest land.

³ Improved farm land.

⁴ Unimproved farm land.

⁵ Not available.

Series F 37-51.—LAND UTILIZATION—LAND OWNERSHIP, PUBLIC AND PRIVATE: 1920 TO 1945

[In millions of acres. Data represent approximations only, rather than the results of a detailed enumeration]

YEAR	TOTAL LAND AREA ¹					PUBLIC LAND					PRIVATE LAND				
	All land	Crop-land	Pasture and grazing land	Forest and woodland ²	Other land ³	Total	Crop-land ⁴	Pasture and grazing land	Forest and woodland	Other land	Total	Crop-land	Pasture and grazing land	Forest and woodland	Other land
	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
1945	1,905	403	321	488	193	* 560	5	273	179	103	1,345	398	548	309	90
1940	1,905	399	343	482	181	* 552	3	282	174	93	1,353	396	561	308	88
1930	1,903	413	316	499	175	546	4	237	163	92	1,357	409	529	336	83
1920	1,903	402	330	487	184	566	4	325	145	92	1,337	398	505	342	92

¹ The land area was remeasured in 1940 and revised from 1,903 to 1,905 million acres, see series F 25-36.

² Excludes considerable acreages of arid woodland, other woodland in pasture and grazing, and several million acres of valuable forests in parks, wildlife refuges, and military areas included in other lands. In 1945, these additional areas totaled 136 million acres.

³ Includes urban areas, farmsteads, parks, railroads, roads, military lands, and nonagricultural lands such as sand dunes, open swamp, rock, and desert land.

⁴ Comprised largely of Indian land and State school and other land leased out to farmers for farming purposes.

⁵ Preliminary.

Series F 52-61.—LAND UTILIZATION—DRAINAGE AND IRRIGATION: 1890 TO 1940

[In thousands of acres, except number of farms. See text for list of States allocated to groups described here

YEAR	DRAINAGE, UNITED STATES				IRRIGATION, 17 WESTERN STATES AND ARKANSAS AND LOUISIANA				IRRIGATION, 29 HUMID STATES ⁴	
	Acreage in drainage enterprises			Cropland planted (acreage)	Acreage irrigated ¹	Acreage in irrigation enterprises ²	Farms with irrigated land		Acreage irrigated	Number of farms with irrigated land
	Total	Improved land	Unimproved land				Number of farms ³	Acreage		
	52	53	54	55	56	57	58	59	60	61
1940	86,967	67,389	19,578	49,614	21,004	31,306	291,655	112,601		
1939									166	7,949
1934									96	6,410
1930	84,408	63,514	20,894	54,428	19,548	30,599	265,147	78,339		
1920	65,495	44,288	21,207	(⁵)	19,192	35,891	222,739	(⁵)		
1910					14,433	32,245	162,723	(⁵)		
1902									56	1,875
1900					7,744	(⁵)	⁶ 113,849	(⁵)		
1899									44	1,426
1890					3,716	(⁵)	54,136	(⁵)		

¹ All land irrigated or for which water was received, including crop and pasture land irrigated, land in young crops not harvested, crop failure, and land being fallowed and prepared for cultivation as reported by the Censuses of Irrigation.

² Area reported irrigable in 1940 and 1930 Censuses of Irrigation and total area in enterprises for 1920 and 1910 censuses.

³ Relates to farms reporting irrigated cropland harvested and/or irrigated pasture, 1940 Census of Agriculture; and farms reporting irrigated crops 1930, 1920, and 1910 censuses.

⁴ Excludes Arkansas and Louisiana.

⁵ Not available.

⁶ Revised.

Series F 62-68.—LAND UTILIZATION—AGRICULTURAL LAND UTILIZATION PROGRAM, SOIL CONSERVATION SERVICE AND ANTECEDENT AGENCIES: 1935 TO 1945

[In acres

CALENDAR YEAR	Total area managed ¹	USE OF LAND MANAGED				Unclassified	Areas transferred to State agencies with SCS maintaining custodial responsibility
		Grazing	Annual crops	Hay	Forest		
		62	63	64	65		
1945	7,151,810	6,237,413	18,488	31,900	404,362	459,647	342,000
1944	7,141,027	6,131,710	13,079	23,649	402,660	569,929	333,469
1943	7,143,474	5,889,056	16,603	21,954	354,544	861,317	333,469
1942	7,184,018	6,000,191	15,619	20,325	378,357	769,526	364,800
1941 (as of June 30)	7,173,294						372,049
1940 (as of June 30)	7,089,872						360,500
1939 (as of Dec. 31)	7,215,033						349,005
1938 (fiscal year) ²	5,186,853						(³)
1937 (fiscal year) ²	4,562,435						(³)
1936 (fiscal year) ²	1,984,239						(³)
1935 (fiscal year) ²	359,039						(³)

¹ Exclusive of custodial areas shown in series F 68.

² Lands acquired less lands transferred.

³ Data not available.

Series F 69-73.—NATIONAL FOREST AREAS AND PURCHASES—GROSS AREA: 1905 TO 1945

[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]

YEAR	NATIONAL FOREST AREAS		NATIONAL FOREST PURCHASES (Gross area approved for purchase ¹)			YEAR	NATIONAL FOREST AREAS		NATIONAL FOREST PURCHASES (Gross area approved for purchase ¹)		
	Gross area within established boundaries	Part of gross area under Forest Service Admin.	Acres	Average price per acre	Total price		Gross area within established boundaries	Part of gross area under Forest Service Admin.	Acres	Average price per acre	Total price
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Number</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Number</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1945	228,703	179,381	5	194.00	1	1925	184,126	158,395	247,067	4.80	1,186
1944	228,643	179,101	9	66.02	1	1924	182,817	157,503	180,290	3.26	425
1943	228,633	178,508	8,759	4.31	38	1923	182,100	157,237	79,923	4.35	343
1942	228,725	178,340	243,522	4.53	1,103	1922	181,800	156,837	242,169	3.41	826
1941	228,309	177,653	195,818	4.11	805	1921	181,820	156,666	112,397	4.44	499
1940	228,174	176,779	553,077	3.98	2,201	1920	180,300	156,032	101,428	4.44	450
1939	228,784	176,494	534,138	4.26	2,275	1919	174,261	153,933	103,355	6.35	656
1938	227,280	175,238	800,113	3.99	3,192	1918	175,432	154,658	185,199	5.12	943
1937	226,621	174,405	425,637	4.99	2,124	1917	176,252	155,167	175,463	4.86	853
1936	197,435	165,979	2,891,040	3.99	11,535	1916	176,089	155,400	54,898	5.76	316
1935	188,292	163,310	3,661,848	4.09	14,977	1915	185,791	164,058	282,900	5.72	1,618
1934	188,037	162,591	4,206,817	2.38	10,012	1914	186,406	164,934	391,114	4.96	1,940
1933	186,837	162,009	667,314	1.83	1,221	1913	187,334	166,234	425,717	4.71	2,005
1932	186,215	161,361	83,086	2.48	206	1912	187,406	165,027	287,698	5.65	1,625
1931	185,252	160,788	547,945	3.55	1,945	1911	190,608	168,165			
1930	183,976	160,091	538,048	2.73	1,469	1910	192,931	168,029			
1929	184,565	159,751	464,177	3.85	1,787	1909	194,505	172,230			
1928	184,404	159,481	261,107	7.65	1,997	1908	167,977	147,820			
1927	183,938	158,800	135,088	5.37	725	1907	150,832	132,732			
1926	184,124	158,759	191,725	3.85	738	1906	106,994	94,159			
						1905	85,693	75,352			

¹ Under Act of March 1, 1911, as amended by Act of June 7, 1924, and other related acts.

Series F 74-87.—NATIONAL FOREST GRAZING, ROADS AND TRAILS, AND VISITORS; FOREST TREES PLANTED ON FARM LANDS: 1905 TO 1945

[For fiscal year ending June 30, unless otherwise specified]

FISCAL YEAR	NATIONAL FORESTS										FOREST TREES PLANTED ON FARM LANDS			
	Number of livestock permitted to graze under pay permits ¹		Roads and trails				Visits for utilization of recreation resources ²				Total trees planted	Costs		
	Cattle, horses, and swine	Sheep and goats	Roads		Trails, construction	Expenditures, total	Total users, recreation resources	Utilization of—		Visits by highways, roads, and water routes		Total costs	Federal contribution ³	State expenditure
			Construction	Betterment				Improved public recreation areas	Other public recreation resources					
74	75	76	77	78	79	80	81	82	83	84	85	86	87	
	<i>Thous.</i>	<i>Thous.</i>	<i>Miles</i>	<i>Miles</i>	<i>Miles</i>	<i>1,000 dollars</i>	<i>1,000 visits</i>	<i>1,000 visits</i>	<i>1,000 visits</i>	<i>1,000 visits</i>	<i>1,000 trees</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1945	1,206	3,889	258	138	77	8,407	10,074	5,072	5,002	14,530	37,743	572	114	458
1944	1,226	4,280	327	306	98	9,349	7,152	3,585	3,567	10,967	37,980	463	119	344
1943	1,212	4,539	243	360	183	7,493	6,274	3,412	2,862	10,916	46,351	448	115	333
1942	1,191	4,758	590	678	432	12,527	10,407	6,066	4,341	16,852	74,219	527	115	412
1941	1,176	4,787	1,279	1,466	712	18,952	18,005	10,688	7,317	28,079	97,650	526	113	413
1940	1,177	4,949	1,709	1,945	2,221	23,511	16,163	13,053	3,110	22,270	87,468	524	140	384
1939	1,209	5,132	2,442	2,170	3,185	26,237	14,332	11,466	2,866	20,471	64,213	398	97	301
1938	1,250	5,307	2,379	2,427	2,378	28,973	14,496	10,810	3,686	18,260	55,360	365	70	296
1937	1,284	5,485	3,748	2,661	2,288	35,603	11,386	8,337	3,023	18,970	41,698	321	71	251
1936	1,311	5,645	5,912		1,965	54,222	10,781	8,233	2,648	11,166	35,648	251	55	196
1935	1,345	5,691	8,740		3,261	53,868	9,719	7,722	1,996	7,105	26,150	206	55	151
1934	1,419	6,161	12,530		2,525	50,066	8,581	6,953	1,628	4,646	20,208	199	53	146
1933	1,399	6,162	4,455		5,514	17,009	8,166	6,576	1,590	5,198	21,970	273	77	196
1932	1,397	6,321	3,174		6,895	18,950	7,896	6,227	1,669	6,383	23,497	298	94	204
1931	1,376	6,608	4,238		8,612	19,230	8,074	5,959	2,115	5,250	25,510	339	91	248
1930	1,358	6,714	1,726		6,176	10,356	6,911	5,253	1,658	4,540	25,836	403	81	322
1929	1,399	6,964	2,013		7,453	11,185	7,132	4,959	2,173	5,380	25,243	370	75	295
1928	1,415	6,784	1,533		6,462	9,976	6,550	4,783	1,767	4,590	28,757	371	69	302
1927	1,486	6,704	1,370		4,987	10,892	6,136	4,469	1,667	4,690	27,866	313	71	242
1926	1,559	6,503	1,931		4,694	11,862	6,044	4,460	1,584	4,200	22,610	268	45	223
1925	1,621	6,432	1,800		4,086	12,835	5,623	4,217	1,406	4,200				
1924	1,753	6,597	8,223		17,411	44,057	4,660	3,460	1,200	4,150				

Series F 75-75.—NUMBER OF LIVESTOCK PERMITTED TO GRAZE, ETC.—CON.

FISCAL YEAR	Cattle, horses, and swine		Sheep and goats	
	74		75	
	<i>Thous.</i>		<i>Thous.</i>	
1920	96	557		
1920	2,121	7,325		
1919	2,234	7,996		
1918	2,243	8,512		
1917	2,054	7,636		
1916	1,861	7,866		
1915	1,727	7,284	1,503	7,552
1914	1,620	7,619	1,448	7,449
1913	1,557	7,868	1,498	7,649
			1,586	7,820
				1,382
				1,200
				1,015
				692
				7,087
				6,657
				5,762
				1,710

¹ Figures for 1921-1945 are for calendar years.

² Figures for 1924-1932 and 1939-1945 are for calendar years.

³ Provided by the Clarke-McNary law, Act of June 7, 1924, and the Norris-Doxy law, Act of May 18, 1937.

⁴ Adjusted from figures which included sightseers and transients.

⁵ Comprises total for all years prior to 1925.

⁶ Last 6 months of calendar year.

Series F 88-102.—NATIONAL FORESTS—TIMBER CUT AND RECEIPTS: 1905 TO 1945

[Volume in millions of board feet; value in thousands of dollars]

FISCAL YEAR	TIMBER CUT—VOLUME AND VALUE										RECEIPTS FROM NATIONAL FORESTS				
	Total		Commercial sales		Cost sales		Land exchanges		Misc. forest products, value ¹	Free use ²		Total receipts	Timber use	Grazing use	Other use
	Volume	Value ¹	Volume	Value	Volume	Value	Volume	Value		Volume	Value				
	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102
1945	3,299	13,291	2,712	11,668	20	19	413	1,334	104	154	\$ 171	16,048	11,587	2,159	2,302
1944	3,514	14,517	2,821	12,399	19	17	493	1,739	149	181	\$ 213	15,617	12,623	2,459	535
1943	2,529	8,907	1,848	6,819	17	16	495	1,837	60	169	175	10,056	7,610	1,973	473
1942	2,424	6,429	1,540	4,505	20	18	645	1,586	79	219	241	7,165	5,094	1,595	476
1941	2,352	6,084	1,530	4,509	22	20	515	1,233	62	235	260	6,682	4,789	1,429	464
1940	2,066	5,168	1,347	3,803	24	21	369	982	58	326	\$ 304	5,859	3,943	1,463	453
1939	1,558	3,687	999	2,668	18	17	273	690	52	268	\$ 260	4,903	2,857	1,574	472
1938	1,589	3,539	1,055	2,644	20	18	213	546	52	301	\$ 279	4,671	2,518	1,696	457
1937	1,608	3,505	1,078	2,723	19	17	193	449	39	318	\$ 277	4,936	2,925	1,580	431
1936	1,314	2,892	795	2,100	20	19	206	471	30	293	272	4,063	2,203	1,442	418
1935	1,069	2,260	649	1,701	19	18	84	219	41	317	\$ 281	3,289	1,729	1,151	409
1934	1,233	1,845	580	1,380	19	17	76	212	26	248	\$ 210	3,315	1,522	1,359	434
1933	740	1,333	372	823	18	15	84	239	19	266	237	2,626	788	1,498	345
1932	882	1,767	526	1,309	19	17	67	198	21	270	227	2,294	1,049	830	415
1931	1,390	3,527	1,030	2,871	18	17	174	460	17	168	162	4,993	2,607	1,961	425
1930	1,769	4,930	1,470	4,324	18	17	165	449	23	116	117	6,752	4,390	1,943	419
1929	1,583	4,456	1,335	3,876	17	15	144	437	30	87	98	6,300	4,109	1,740	451
1928	1,354	3,610	1,151	3,194	17	15	104	299	12	82	90	5,442	3,325	1,714	403
1927	1,442	3,944	1,146	3,293	15	14	419	540	6	82	91	5,167	3,253	1,531	383
1926	1,281	3,477	1,177	3,356	16	14			10	88	97	5,156	3,367	1,422	367
1925	1,100	2,895	1,005	2,793	17	15			5	78	82	5,000	2,941	1,725	334
1924	1,233	3,203	1,128	3,080	16	15			14	89	94	5,252	3,036	1,916	300
1923	1,092	2,680	975	2,553	20	18			11	97	98	5,336	2,722	2,342	272
1922	812	1,859	702	1,736	21	16			8	89	99	3,422	1,813	1,316	293
1921	981	2,081	776	1,878	25	18			8	180	177	4,152	1,770	2,132	250
1920	893	1,887	783	1,748	22	16			10	88	113	4,793	2,044	2,486	263
1919	796	1,635	686	1,500	19	14			8	91	113	4,358	1,535	2,609	214
1918	827	1,655	709	1,511	21	16				97	123	3,575	1,630	1,726	219
1917	850	1,683	716	1,518	21	15				113	150	3,457	1,640	1,550	267
1916	714	1,439	575	1,240	20	14				119	185	2,824	1,422	1,210	192
1915	689	1,386	547	1,165	19	14				123	207	2,481	1,183	1,130	168
1914	747	1,454	617	1,264	10	7				120	183	2,438	1,312	1,002	124
1913	617	1,267	495	1,074	1	1				121	192	2,392	1,271	999	122
1912	555	1,189	432	943						123	196	2,109	1,023	961	120
1911	498	1,040	375	843						123	197	1,969	952	928	89
1910	484	1,082	379	906						105	176	2,041	1,011	970	60
1909	458	847	353	678						105	169	1,766	701	1,023	42
1908	525	964	393	794						132	170	1,788	811	947	30
1907	195	338	195	338								1,530	654	857	19
1906	139	203	139	203								758	238	513	7
1905	68	86	68	86								73	73		

¹ Includes materials not measurable in board feet, such as Christmas trees, tan-bark, turpentine, seedlings, Spanish moss, etc.
² Fiscal year data, 1905 to 1920, and 1933 to 1946. Calendar year data, 1922 to 1932. Figures for 1921 are for 13-month period, July 1, 1920, to Dec. 31, 1921. Figures for both 1932 (calendar year) and 1933 (fiscal year) include data for 6-month period, July 1 to Dec. 1, 1932.

³ Includes free use not reducible to board feet. Value in dollars as follows: 1934, \$146; 1935, \$370; 1937, \$1,969; 1938, \$3,643; 1940, \$3,774; 1944, \$7,304; and 1945, \$8,291.

⁴ Includes land-exchanges figures from beginning of exchange cuttings.
⁵ Estimated.

Series F 103-108.—NATIONAL FORESTS—PAYMENTS TO STATES AND TERRITORIES, AND ALLOTMENTS TO FOREST SERVICE: 1906 TO 1945

[In thousands of dollars]

FISCAL YEAR	PAYMENTS TO STATES AND TERRITORIES			ALLOTMENTS TO FOREST SERVICE			FISCAL YEAR	PAYMENTS TO STATES AND TERRITORIES			Allotments, roads and trails ³
	Total	25 percent fund ¹	Arizona and New Mexico school fund ²	Total	Roads and trails ⁵	Acquisition of lands ⁴		Total	25 percent fund ¹	Arizona and New Mexico school fund ²	
	103	104	105	106	107	108		103	104	105	
1945	4,039	4,003	36	1,601	1,601		1925	1,271	1,243	28	497
1944-45	244	244		873	98	976	1924	1,347	1,302	45	521
1944	3,933	3,895	38	1,558	1,558		1923	1,371	1,321	50	529
1943	2,503	2,476	27	1,117	990	127	1922	882	846	36	389
1942	1,693	1,670	23	1,130	668	462	1921	1,033	1,023	60	409
1941	1,569	1,546	23	1,093	618	475	1920		1,180	73	472
1940	1,456	1,439	23	678	573	105	1919	1,149	1,070	79	423
1939	1,216	1,192	24	587	477	110	1918	1,110	876	70	351
1938	1,167	1,136	31	516	454	62	1917	911	849	62	340
1937	1,243	1,215	28	536	486	50	1916	737	696	41	278
1936	1,028	996	32	446	398	48	1915	649	611	38	244
1935	538	517	21	327	327		1914	640	599	41	240
1934	844	821	23	329	329		1913	633	587	46	235
1933	679	651	28	260	260		1912	594	518	36	207
1932	589	563	26	227	227		1911	515	485	30	
1931	1,272	1,241	31	496	496		1910	511	510	1	
1930	1,719	1,673	46	671	671		1906-1909	1,117	1,117		
1929	1,606	1,565	41	626	626						
1928	1,387	1,351	36	540	540						
1927	1,311	1,285	26	514	514						
1926	1,299	1,285	14	514	514						

¹ Under Act of May 23, 1908.
² Under Act of June 20, 1910.
³ Roads and trails on National Forest lands in States and Territories from which moneys were received, under Act of March 4, 1913.

⁴ Acquisition of lands (under various acts) in States and Territories from which moneys were received.
⁵ Supplemental distribution previously withheld because of acquisition laws.

Series F 109-122.—LUMBER PRODUCTION AND PRICES: 1799 TO 1945

YEAR	LUMBER PRODUCTION (1,000 FEET, BOARD MEASURE)			PRICE PER 1,000 FEET, BOARD MEASURE										
	Total	Soft-woods	Hard-woods	Stumpage ¹				Log ²				Lumber ³		
				All species	Soft-woods	Hard-woods	Mixed	All species	Soft-woods	Hard-woods	Mixed	All species	Soft-woods	Hard-woods
	109	110	111	112	113	114	115	116	117	118	119	120	121	122
1945	28,122,344	21,139,872	6,982,472	\$3.33	\$3.02	\$9.97	\$8.61	\$32.29	\$22.90	\$47.51	\$28.86	(4)	(4)	(4)
1944	32,937,549	25,159,695	7,777,854	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
1943	34,288,757	26,917,342	7,371,415	4.34	3.64	8.82	7.49	33.06	23.51	44.51	26.24	\$36.86	\$35.57	\$41.57
1942	36,332,248	29,510,184	6,822,064	3.79	3.29	7.06	6.89	23.94	21.92	28.57	18.96	31.50	30.73	34.87
1941	36,537,629	29,866,602	6,671,027	3.12	2.77	6.71	5.50	19.41	15.35	23.70	15.57	28.09	27.26	32.34
1940	31,159,126	25,622,110	5,537,016	2.61	2.35	5.90	4.98	16.11	13.50	20.32	14.23	23.32	22.48	28.47
1939	28,754,615	23,290,698	5,463,917	2.68	2.47	5.36	4.66	16.48	13.23	20.49	14.49	21.97	20.97	27.66
1938	24,825,497	19,785,881	4,870,616	2.91	2.77	5.77	4.31	15.56	13.01	19.13	14.28	21.45	20.42	27.09
1937	29,003,953	23,148,214	5,855,739	2.84	2.63	6.35	5.03	17.46	13.20	21.63	13.80	24.25	22.97	30.49
1936	27,626,440	22,182,168	5,444,272	3.01	2.78	5.48	4.02	15.92	12.66	19.96	14.67	22.20	21.03	27.92
1935	22,943,833	18,195,665	4,748,168	2.76	2.42	6.19	4.43	15.24	11.78	18.24	14.70	20.43	19.08	27.09
1934	18,826,306	14,617,862	4,208,444	2.87	2.66	5.06	3.95	15.12	12.39	18.24	13.38	21.47	20.05	28.01
1933	17,150,575	13,785,975	3,364,600	2.57	2.33	5.13	3.68	13.26	10.80	15.64	11.60	18.55	16.94	27.81
1932	18,523,742	10,801,823	7,721,919	2.88	2.70	4.60	3.01	13.26	10.08	16.82	14.50	15.12	13.94	22.45
1931	19,997,432	15,826,696	4,170,736	3.18	2.84	4.63	4.68	17.31	13.57	20.47	14.98	18.56	16.74	28.00
1930	29,358,021	23,228,096	6,129,925	3.27	2.93	5.84	5.28	20.78	15.01	25.16	18.75	22.81	20.88	31.49
1929	38,745,275	30,836,328	7,908,947	3.64	3.19	7.20	6.47	25.12	17.01	30.81	20.34	26.94	24.31	38.04
1928	36,750,123	29,852,517	6,897,606	3.69	3.18	7.58	5.84	20.91	16.76	26.77	15.36	25.61	23.41	36.35
1927	37,250,420	29,975,687	7,274,733	4.70	4.31	6.75	5.23	23.20	16.35	28.41	18.78	25.80	23.47	36.71
1926	39,749,930	32,078,306	7,671,624	4.13	3.65	5.96	5.39	24.19	19.23	30.05	21.05	27.34	25.22	37.34
1925	40,999,641	33,283,465	7,716,176	3.79	3.51	6.30	5.96	26.25	24.14	28.52	25.20	28.02	25.89	38.21
1924	39,499,986	31,549,270	7,950,716	3.56	3.32	5.83	5.79	20.67	16.72	26.82	18.40	28.57	26.52	37.84
1923	40,999,505	33,219,928	7,779,577	4.08	3.68	6.21	5.95	17.85	15.52	23.51	17.75	31.78	30.13	39.82
1922	35,249,888	28,921,627	6,328,261	3.11	2.85	7.04	5.89	17.55	14.23	22.84	12.46	26.15	24.79	33.50
1921	28,999,864	23,443,921	5,555,943	3.22	2.82	6.36	4.72	18.01	15.41	22.99	22.43	23.47	21.85	30.92
1920	34,999,800	27,610,276	7,389,524	3.18	2.89	5.59	5.47	23.88	19.59	31.00	25.08	33.42	36.43	46.26
1919	34,552,076	27,407,130	7,144,946	3.70	3.18	6.38	4.94	20.01	17.00	26.54	19.44	30.21	28.39	37.32
1918	31,890,494	25,667,581	6,222,913	3.03	2.90	3.13	4.31	17.46	15.12	22.72	15.50	24.79	23.66	30.02
1917	35,831,239	29,174,122	6,657,117	2.93	2.67	3.66	4.17	15.46	12.42	19.45	13.54	20.32	19.45	24.20
1916	39,807,251	31,331,900	8,475,351	2.78	2.59	3.39	3.56	13.09	11.80	18.29	12.35	15.32	14.42	19.16
1915	37,011,656	29,484,763	7,526,893	2.26	2.07	3.57	2.91	12.90	10.87	17.93	13.62	14.04	13.25	17.48
1914	40,500,000	31,481,000	9,019,000	3.91	4.00	4.28	3.04	12.35	11.25	16.73	11.56	(4)	(4)	(4)
1913	44,000,000	34,065,000	9,935,000	2.94	2.85	3.15	3.50	13.07	11.93	16.63	11.72	(4)	(4)	(4)
1912	45,000,000	34,695,000	10,305,000	2.93	2.95	3.89	2.69	11.68	10.85	14.35	12.00	(4)	(4)	(4)
1911	43,000,000	33,020,000	9,980,000	3.57	3.55	4.72	3.64	11.62	10.17	15.87	10.50	15.05	14.17	18.19
1910	44,500,000	34,029,000	10,471,000	3.17	3.13	3.11	3.55	10.44	10.16	12.32	11.00	15.30	14.41	18.45
1909	44,509,761	33,896,959	10,612,802	2.11	2.12	1.94	1.98	11.01	8.76	13.08	9.00	15.38	14.08	19.52
1908	42,000,000	31,945,000	10,055,000	2.30	2.31	3.25	1.89	10.38	7.71	11.68	8.00	15.37	14.06	19.49
1907	46,000,000	34,946,000	11,054,000	2.32	2.33	2.65	1.93	8.43	7.02	11.17	(4)	16.56	15.53	19.90
1906	46,000,000	34,900,000	11,100,000	2.43	2.50	2.68	1.61	7.90	6.50	10.69	10.00	16.54	15.75	19.84
1905	43,500,000	32,960,000	10,540,000	1.88	1.87	1.26	2.25	6.68	6.03	(4)	8.00	(4)	(4)	(4)
1904	43,000,000	32,538,000	10,462,000	0.85	0.79	(4)	1.95	5.77	5.64	9.25	(4)	12.76	11.69	17.09
1903	(4)	(4)	(4)	0.98	0.98	1.46	0.92	6.45	6.32	9.60	(4)	(4)	(4)	(4)
1902	(4)	(4)	(4)	(4)	(4)	1.50	1.05	6.64	6.48	9.46	(4)	(4)	(4)	(4)
1901	(4)	(4)	(4)	0.86	0.85	(4)	0.85	5.59	5.11	9.62	(4)	(4)	(4)	(4)
1900	(4)	(4)	(4)	0.79	0.78	(4)	1.00	5.72	5.09	10.14	(4)	(4)	(4)	(4)
1899	35,077,595	26,371,336	8,706,259									11.13	10.27	13.53
1889	27,038,734	20,024,734	7,014,000											
1879	18,125,432	13,334,432	4,791,000											
1869	12,755,543	9,252,543	3,503,000											
1859	8,029,000	5,802,000	2,227,000											
1849	5,392,000	4,075,000	1,317,000											
1839	1,604,000	1,275,000	329,000											
1829	850,000	702,000	148,000											
1819	550,000	469,000	81,000											
1809	400,000	344,000	56,000											
1799	300,000	263,000	37,000											

¹ U. S. average of all sales, standing timber.

² Average of Eastern (east of the Great Plains only) species; f.o.b. the mill.

³ U. S. average of all sales; f.o.b. the mill.

⁴ Data not available.

Series F 123-131.—FOREST PRODUCTS—WOOD PRODUCTS TREATED WITH PRESERVATIVES: 1909 TO 1945

[In cubic feet]

YEAR	Total	Crossties	Switch ties ¹	Piles	Poles ²	Wood blocks	Cross arms	Construction timbers	Miscellaneous material
	123	124	125	126	127	128	129	130	131
1945	279,449,934	140,205,531	9,899,799	20,524,583	74,391,434	3,293,955	1,469,390	9,802,809	19,863,433
1944	277,686,727	159,133,794	11,022,845	18,366,084	52,691,285	2,465,200	1,440,327	10,404,609	22,162,583
1943	261,138,980	144,687,201	11,583,243	20,688,032	35,696,742	7,984,287	868,691	13,478,044	26,152,740
1942	312,934,621	162,526,140	13,948,134	28,525,800	50,606,142	10,687,470	710,763	16,778,072	29,152,100
1941	319,164,422	142,992,057	11,856,495	21,573,674	90,028,576	7,473,624	1,159,365	15,838,092	28,242,539
1940	265,473,149	127,999,794	8,859,145	15,659,660	74,129,493	2,730,021	674,983	12,496,453	22,923,595
1939	245,219,878	107,246,535	8,519,314	14,645,775	81,572,357	1,757,235	418,635	12,835,444	18,224,583
1938	244,221,442	133,796,034	8,779,343	8,624,151	62,393,355	2,368,790	355,033	15,623,080	12,276,651
1937	265,794,186	134,409,717	9,614,801	11,969,103	74,230,130	2,903,145	751,595	18,746,745	13,168,950
1936	222,463,994	113,856,387	8,602,445	12,930,368	64,898,765	2,115,243	604,047	20,430,971	9,025,768

¹ Included in construction timbers prior to 1925.

² Includes both full-length pressure-treated poles and nonpressure (butt-treated) poles.

Series F 123-131.—FOREST PRODUCTS—WOOD PRODUCTS TREATED WITH PRESERVATIVES: 1909 TO 1945—Con.

[In cubic feet]

YEAR	Total	Crossties	Switch ties ¹	Piles	Poles ²	Wood blocks	Cross arms	Construction timbers	Miscellaneous material
	123	124	125	126	127	128	129	130	131
1935	179,483,970	103,509,441	7,836,488	8,574,542	35,793,120	1,483,810	351,476	15,683,306	6,206,787
1934	155,105,723	85,378,761	6,778,494	8,638,674	32,070,440	1,042,902	518,988	15,285,484	5,391,980
1933	126,955,828	68,089,695	5,430,278	6,203,613	30,120,834	388,537	313,440	12,156,752	3,252,679
1932	157,418,589	105,136,449	8,603,872	6,815,532	21,947,200	490,184	370,904	10,120,582	3,983,866
1931	233,334,302	145,833,492	10,897,582	12,119,880	39,966,062	1,256,567	319,625	16,624,072	6,317,072
1930	332,318,577	189,801,321	14,622,713	17,027,153	75,258,146	5,012,445	1,299,246	19,013,369	10,284,184
1929	362,009,047	213,069,309	14,425,642	17,126,794	77,154,317	6,852,130	1,957,431	20,203,811	11,219,613
1928	335,920,379	210,343,215	14,533,450	13,665,394	64,325,976	4,932,307	1,207,512	20,157,747	8,010,773
1927	345,685,804	222,695,520	15,200,934	11,660,322	64,028,607	5,271,420	1,008,192	17,344,062	8,476,747
1926	289,322,079	187,963,614	13,177,386	12,420,977	49,511,088	3,689,424	1,344,406	17,969,901	3,245,283
1925	274,474,539	187,691,733	13,616,760	9,636,747	42,204,413	3,408,489	621,705	14,375,693	2,918,999
1924	268,583,235	187,898,130	-----	11,685,756	36,716,768	4,191,560	517,811	24,291,231	3,281,979
1923	224,375,468	160,830,525	-----	9,569,443	26,886,904	4,932,307	420,206	18,337,795	2,898,288
1922	166,620,347	123,949,422	-----	7,496,789	17,008,640	3,947,551	374,829	12,713,080	1,130,036
1921	201,643,228	166,150,545	-----	5,991,999	10,959,256	6,202,904	108,715	11,876,708	1,753,101
1920	173,309,505	134,962,596	-----	8,092,546	10,309,746	6,741,410	318,707	11,645,811	1,238,689
1919	146,060,994	112,703,781	-----	9,168,950	6,661,266	4,713,678	75,310	12,061,873	676,136
1918	122,612,890	91,827,627	-----	8,309,372	4,615,770	6,297,294	423,371	10,215,593	923,863
1917	137,338,586	100,378,410	-----	8,586,012	6,725,503	9,085,230	256,038	11,495,076	812,137
1916	150,522,982	112,408,104	-----	8,582,834	6,747,082	9,944,684	180,844	11,574,101	1,085,333
1915	140,858,963	111,256,755	-----	6,295,284	2,512,780	7,707,971	90,627	11,834,087	1,161,456
1914	159,582,639	131,540,961	-----	8,061,902	1,482,407	6,869,370	417,914	9,847,801	1,362,289
1913	153,613,088	120,781,248	-----	7,957,922	2,500,420	6,855,493	1,824,719	11,653,628	2,039,654
1912	125,931,056	97,183,009	-----	7,737,035	1,188,579	7,397,095	1,643,123	7,793,524	2,988,688
1911	111,524,563	85,182,420	-----	4,937,363	106,213	10,145,724	71,961	8,460,956	2,619,926
1910	100,074,144	78,467,031	-----	5,257,646	255,597	4,692,453	88,069	8,523,929	2,789,419
1909	75,946,419	62,079,036	-----	4,421,726	659,554	2,994,290	41,764	5,286,120	463,819

¹ Included in construction timbers prior to 1925.

² Includes both full-length pressure-treated poles and nonpressure (butt-treated) poles.

Series F 132-142.—FOREST PRODUCTS—PULPWOOD, WOOD PULP, PAPER AND PAPERBOARD, AND GUM AND WOOD NAVAL STORES: 1898 TO 1945

[Cords of 123 cu. ft.; short tons of 2,000 pounds. Naval store year ends March 31]

YEAR	Pulpwood consumption	Wood-pulp production	PAPER AND PAPERBOARD			GUM AND WOOD NAVAL STORES PRODUCTION					
			Production	Estimated total consumption or new supply ¹	Consumption per capita	Turpentine (50 gal. bbls.)			Rosin (drums 520 lbs. net)		
						Total	From gum	From wood	Total	From gum	From wood
132	133	134	135	136	137	138	139	140	141	142	
	<i>Cords</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Pounds</i>	<i>Barrels</i>	<i>Barrels</i>	<i>Barrels</i>	<i>Drums</i>	<i>Drums</i>	<i>Drums</i>
1945	16,911,861	10,167,200	17,370,965	19,665,487	281.6	471,243	245,194	226,049	1,317,912	692,212	625,700
1944	16,757,400	10,108,443	17,182,804	19,445,164	285.8	508,432	288,382	220,050	1,362,831	783,565	579,266
1943	15,644,500	9,680,462	17,035,688	19,436,384	284.8	560,351	321,930	238,421	1,655,803	868,698	787,105
1942	17,275,000	10,783,430	17,083,862	19,779,838	293.6	548,796	285,050	263,746	1,708,474	791,710	916,764
1941	16,580,000	10,375,422	17,762,365	20,421,466	306.6	566,341	343,938	222,403	1,717,492	938,911	778,581
1940	13,742,958	8,959,559	14,483,709	16,747,980	254.2	604,778	382,781	221,997	1,835,177	1,054,236	780,941
1939	10,816,466	6,993,334	13,509,642	15,948,557	243.6	709,218	534,291	174,927	2,089,913	1,466,344	623,569
1938	9,193,991	5,933,560	11,330,814	13,525,739	208.2	700,331	518,454	181,877	2,049,573	1,388,343	661,230
1937	10,393,800	6,572,918	12,837,003	16,027,993	248.8	634,520	482,787	151,733	1,865,570	1,286,347	579,223
1936	8,715,916	5,695,219	11,975,552	14,643,785	228.6	602,908	497,000	105,908	1,821,193	1,360,950	460,243
1935	7,628,274	4,925,669	10,479,095	12,650,357	198.8	603,093	510,000	93,093	1,783,298	1,387,200	396,098
1934	6,796,659	4,436,123	9,186,598	11,283,351	178.4	624,761	526,000	98,761	1,837,870	1,430,448	407,422
1933	6,581,674	4,276,204	9,190,017	10,901,526	173.6	575,181	501,000	74,181	1,658,664	1,362,720	295,944
1932	5,633,123	3,760,267	7,997,872	9,717,581	155.6	551,068	500,000	51,068	1,582,980	1,332,000	250,980
1931	6,722,766	4,409,344	9,381,840	11,340,686	182.8	676,366	600,000	76,366	1,951,133	1,600,000	351,133
1930	7,195,524	4,630,308	10,169,140	12,309,279	200.4	710,736	625,000	85,736	2,038,229	1,664,800	373,429
1929	7,645,011	4,862,885	11,140,235	13,414,033	220.2	637,896	560,000	77,896	1,837,323	1,492,000	345,323
1928	7,160,100	4,510,800	10,403,338	12,450,940	206.6	726,948	650,000	76,948	2,059,579	1,732,000	327,579
1927	6,750,935	4,313,403	10,002,070	11,923,145	200.2	580,298	510,000	70,298	1,652,334	1,360,000	292,334
1926	6,766,007	4,394,766	9,794,086	11,579,639	197.2	538,643	480,000	58,643	1,506,803	1,279,200	227,603
1925	6,093,821	3,962,217	9,001,742	10,413,218	179.6	587,025	530,000	57,025	1,618,024	1,412,000	206,024
1924	5,768,082	3,723,266	7,929,985	9,280,987	162.6	608,400	565,000	43,400	1,666,160	1,504,800	161,360
1923	5,872,870	3,788,672	7,870,756	9,190,759	164.0	553,473	520,000	33,473	1,517,716	1,384,800	132,916
1922	5,548,842	3,521,644	6,874,834	7,855,930	142.6	508,686	500,000	8,686	1,373,517	1,332,000	41,517
1921	4,575,179	2,875,601	5,333,397	6,038,242	111.2	540,961	525,000	15,961	1,469,867	1,398,400	71,467
1920	6,114,072	3,821,704	7,185,122	7,687,068	145.4	420,838	400,000	20,838	1,157,565	1,065,600	91,965
1919	5,477,832	3,517,952	5,966,076	6,275,337	120.0	359,353	340,000	19,353	993,745	905,600	88,145
1918	5,250,794	3,313,861	5,937,897	6,309,921	122.2	548,200	520,000	28,200	1,513,073	1,384,800	128,273
1917	5,480,075	3,509,939	5,803,808	6,089,369	117.8	625,627	610,000	15,627	1,697,011	1,625,600	71,411
1916	5,228,558	3,435,001	(2)	(2)	(2)	537,014	530,000	7,014	1,442,687	1,412,000	30,687
1915	-----	-----	-----	-----	-----	566,461	560,000	6,461	1,519,170	1,492,000	27,170
1914	4,470,763	2,893,150	5,152,705	5,385,769	108.6	694,532	675,000	19,532	1,901,734	1,798,400	103,334
1913	-----	-----	-----	-----	-----	729,800	715,000	14,800	1,983,520	1,904,800	78,720
1912	-----	-----	-----	-----	-----	663,500	660,000	3,500	1,776,960	1,758,400	18,560
1911	4,328,052	2,686,134	(2)	(2)	(2)	616,700	615,000	1,700	1,649,040	1,637,600	11,440
1910	4,094,306	2,533,976	(2)	(2)	(2)	600,000	600,000	-----	1,600,000	1,600,000	-----
1909	4,001,607	2,495,523	4,121,495	4,108,503	90.8	750,000	750,000	-----	1,998,400	1,998,400	-----
1908	3,346,953	2,118,947	(2)	(2)	(2)	585,000	585,000	-----	1,558,400	1,558,400	-----
1907	3,962,660	2,547,879	(2)	(2)	(2)	588,000	588,000	-----	1,566,400	1,566,400	-----
1906	3,661,176	2,327,844	(2)	(2)	(2)	590,000	590,000	-----	1,571,000	1,571,000	-----

¹ Production plus imports minus exports. Changes in inventories not taken into account.

² Data not available.

Series F 132-142.—FOREST PRODUCTS—PULPWOOD, WOOD PULP, PAPER AND PAPERBOARD, AND GUM AND WOOD NAVAL STORES: 1898 TO 1945—Con.

[Cords of 128 cu. ft.; short tons of 2,000 pounds. Naval store year ends March 31]

YEAR	Pulpwood consumption	Wood-pulp production	PAPER AND PAPERBOARD			GUM AND WOOD NAVAL STORES PRODUCTION					
			Production	Estimated total consumption or new supply ¹	Consumption per capita	Turpentine (50 gal. bbls.)			Rosin (drums 520 lbs. net)		
						134	135	136	Total	From gum	From wood
132	133	134	135	136	137	138	139	140	141	142	
1905	Cords 3,192,002	Short tons 2,084,482	Short tons ² 3,106,696	Short tons ² 3,059,849	Pounds ² 74.4	Barrels 600,000	Barrels 600,000	Barrels -----	Drums 1,600,000	Drums 1,600,000	Drums -----
1904	3,050,717	1,921,768	-----	-----	-----	545,000	545,000	-----	1,452,000	1,452,000	-----
1903	-----	-----	-----	-----	-----	581,000	581,000	-----	1,548,000	1,548,000	-----
1902	-----	-----	-----	-----	-----	600,000	600,000	-----	1,600,000	1,600,000	-----
1901	-----	-----	-----	-----	-----	620,000	620,000	-----	1,652,000	1,652,000	-----
1900	-----	-----	-----	-----	-----	535,000	535,000	-----	1,425,600	1,425,600	-----
1899	1,986,810	1,179,525	2,167,598	2,117,041	56.6	525,000	525,000	-----	1,398,400	1,398,400	-----
1898	-----	-----	-----	-----	-----	500,000	500,000	-----	1,332,000	1,332,000	-----

¹ Production plus imports minus exports. Changes in inventories not taken into account.

² Data not available.

Series F 143-150.—FOREST FIRES—NUMBER AND AREA BURNED OVER: 1906 TO 1945

[Figures for Federal lands are for continental United States only; those for State and private lands include Hawaii]

CALENDAR YEAR	PROTECTED AREA						UNPROTECTED AREA, ² State and private lands		CALENDAR YEAR	PROTECTED AREA, NATIONAL FOREST LANDS	
	National forest lands		Other Federal lands ¹		State and private lands		Fires	Area burned over		Fires	Area burned over
	Fires	Area burned over	Fires	Area burned over	Fires	Area burned over					
143	144	145	146	147	148	149	150	143	144		
Number	1,000 acres	Number	1,000 acres	Number	1,000 acres	Number	1,000 acres	Number	1,000 acres		
1945	6,590	176	8,539	445	48,176	2,456	68,013	14,780	5,603	251	
1944	6,951	209	8,985	375	56,148	2,301	66,096	13,873	5,375	602	
1943	7,233	234	9,892	702	78,815	3,860	121,619	27,772	3,233	264	
1942	7,381	349	9,946	576	75,843	3,863	122,429	27,415	4,141	373	
1941	7,357	204	10,013	438	80,983	3,137	108,706	22,830	3,452	376	
1940	11,180	228	14,085	486	73,518	2,930	107,824	22,432	3,968	342	
1939	10,134	291	12,376	523	85,657	3,266	114,638	26,660	4,117	2,007	
1938	8,442	175	9,876	316	76,323	2,623	146,030	30,876	3,616	695	
1937	7,598	72	9,468	90	54,292	1,254	121,449	20,637	4,589	963	
1936	9,568	281	11,147	425	73,706	3,792	141,432	38,990	3,417	300	
1935	6,859	168	7,974	218	54,580	2,311	77,743	27,797	3,641	279	
1934	6,799	555	8,072	659	61,246	3,514	93,345	37,648	4,098	385	
1933	3,899	132	4,533	381	48,754	3,842	87,435	40,167	3,062	334	
1932	4,250	373	4,937	418	55,563	3,234	105,899	38,410	1,589	189	
1931	5,391	533	5,726	552	56,448	5,854	125,040	45,200	2,257	470	
1930	5,435	138	(³)	(³)	70,832	5,809	120,148	46,457	3,438	4,134	
1929	4,844	799	(³)	(³)	44,076	4,876	90,819	41,354	2,310	299	
1928	4,394	399	(³)	(³)	39,260	4,111	136,674	39,481	-----	415	
1927	3,786	170	(³)	(³)	35,300	2,784	123,138	35,747	-----	213	
1926	4,606	777	(³)	(³)	33,867	4,755	57,926	19,561	-----	115	

¹ Includes National Forests, Interior, Soil Conservation Service, TVA, Public Domain, etc.

² Based on State estimates.

³ Included in State and private lands, protected area.

Series F 151-154.—FOREST FIRES—EXPENDITURES FOR CONTROL ON STATE AND PRIVATE LANDS: 1912 TO 1945

[In thousands of dollars. Includes Hawaii. Expenditures began under Weeks Law in 1912, and under Clarke-McNary Law, Section 2, in 1926.]

FISCAL YEAR	Total	Federal participation	State expenditures	Private agencies	FISCAL YEAR	Total	Federal participation	State expenditures	Private agencies	FISCAL YEAR	Total	Federal participation	State expenditures
	151	152	153	154		151	152	153	154		151	152	153
1945	14,601	5,925	6,562	2,114	1938	4,594	1,452	3,142	-----	1922	2,270	373	1,897
1944	13,960	5,870	6,351	1,739	1932	5,943	1,573	4,370	-----	1921	1,174	108	1,066
1943	13,743	4,624	6,714	2,405	1931	6,548	1,537	5,011	-----	1920	945	85	860
1942	11,168	2,703	6,272	2,193	1930	5,270	1,262	4,118	-----	1919	718	93	625
1941	9,278	1,979	7,299	-----	1929	4,111	1,069	3,042	-----	1918	666	92	574
1940	9,188	1,938	7,200	-----	1928	3,941	863	3,073	-----	1917	521	86	435
1939	8,410	1,793	6,617	-----	1927	3,144	607	2,537	-----	1916	492	85	407
1938	6,911	1,463	5,448	-----	1926	2,460	585	1,875	-----	1915	886	68	818
1937	6,852	1,473	5,379	-----	1925	2,205	361	1,844	-----	1914	699	70	629
1936	5,222	1,427	3,795	-----	1924	1,837	364	1,473	-----	1913	660	57	603
1935	5,588	1,457	4,131	-----	1923	2,194	368	1,826	-----	1912	285	51	234
1934	5,263	1,468	3,795	-----									

¹ Calendar year data.

² Excludes administration and inspection costs.

Series F 155-159.—FISHERIES—YIELD AND DISPOSITION OF CATCH, UNITED STATES AND ALASKA: 1929 TO 1945

[In millions of pounds. Data are partly estimated]

YEAR	DISPOSITION					YEAR	Total catch	DISPOSITION					YEAR	Total catch	DISPOSITION					
	Fresh and frozen	Canned	Cured	By-products and bait	Fresh and frozen			Canned	Cured	By-products and bait	Fresh and frozen	Canned			Cured	By-products and bait	Fresh and frozen	Canned	Cured	By-products and bait
1945	4,570	1,841	1,230	110	1,389	1939	4,443	1,366	1,281	130	1,666	1933	2,933	1,012	991	135	795			
1944	4,504	1,589	1,225	110	1,580	1938	4,253	1,355	1,234	130	1,534	1932	2,614	1,032	787	140	655			
1943	4,202	1,435	1,165	114	1,428	1937	4,353	1,339	1,356	130	1,523	1931	2,657	1,121	962	130	444			
1942	3,877	1,407	1,230	115	1,125	1936	4,760	1,321	1,459	135	1,845									
1941	5,080	1,660	1,645	125	1,650	1935	4,066	1,250	1,220	130	1,466	1930	3,287	1,389	1,077	145	676			
1940	4,060	1,461	1,280	130	1,189	1934	4,058	1,087	1,293	130	1,548	1929	3,567	1,352	1,286	150	779			

Series F 160-165.—FISHERIES—CATCH, UNITED STATES AND ATLANTIC COAST: 1804 TO 1945

YEAR	UNITED STATES CATCH				ATLANTIC COAST CATCH		YEAR	UNITED STATES CATCH			ATLANTIC COAST CATCH	
	Haddock	Shad	Menhaden received	Whales killed	Mackerel	Cod		Haddock	Shad	Menhaden received	Mackerel	Cod
	160	161	162	163	164	165		160	161	162	164	165
1945 ¹	1,000 pounds 161,927	1,000 pounds 18,319	1,000 fish 1,132,946	Number 0	1,000 pounds 74,019	1,000 pounds 95,159	1908	1,000 pounds 60,900	1,000 pounds 27,636	1,000 fish 20,836	1,000 pounds 146,978	1,000 pounds 146,978
1944	140,538	18,319	1,023,851	5	59,046	70,066	1907	54,300	27,759	24,496	132,100	132,100
1943	125,693	14,168	918,738	29	51,074	69,576	1906	73,300	27,878	11,749	122,900	122,900
1942	145,687	15,086	708,688	26			1905	78,000	27,999		22,316	117,240
1941	162,700	10,440	1,156,846	24			1904	59,500	28,169		19,562	121,200
1940	186,800	12,608	947,148	29	40,631	85,928	1903	50,700	33,556		25,560	137,500
1939	156,600	12,450	857,948	1,008	32,594	113,265	1902	48,400	38,942		19,312	154,606
1938	154,200	11,517	772,438	1,338	43,239	129,233	1901	40,400	44,368		34,769	156,900
1937	155,700	10,861	789,853	2,650	26,601	141,021	1900	45,900	45,799		45,831	159,600
1936	162,700	9,028	770,305	3,659			1899	49,500	47,232		13,481	199,100
1935	177,200	10,650	648,337	1,989	65,036		1898	47,200	48,314	542,500	10,047	166,801
1934	144,500	11,073	772,244	583			1897	45,600	49,378	584,303	10,601	149,500
1933	145,970	11,206	533,919	669	41,537	107,100	1896	45,200	48,118	401,426	35,300	172,900
1932	146,065	11,161	560,417	382	60,854	93,800	1895	56,800	46,678	461,747	11,975	196,600
1931	171,420	13,841	352,884	319	47,392	103,300	1894	61,000	45,523	533,362	22,541	185,200
1930	237,508	13,417	611,213	536	62,546	112,400	1893	49,700	44,369	366,407	25,234	174,800
1929	257,727	17,235	660,363	655	66,909	95,900	1892	52,200	43,215	223,624	21,963	184,600
1928	217,400	18,457	540,617	1,107	44,904	107,800	1891	54,700		355,139	20,804	194,400
1927	174,200	18,725	586,214	1,011	60,339	116,300	1890	50,200		533,636	8,641	199,800
1926	126,500	15,351	571,315	1,360	68,299	143,600	1889	46,000		555,320	10,524	205,153
1925	119,100	15,536	794,206	988	49,207	126,600	1888	47,100		439,389	18,076	245,275
1924	107,900	14,830	513,857	989	26,430	116,814	1887	41,000		333,565	33,143	259,322
1923	98,200	14,224	1,110,291	1,102	33,900	117,100	1886	41,300		283,106	80,000	264,300
1922	87,600	14,431	1,212,451	1,363	12,750	106,100	1885	41,500		479,214	123,728	269,300
1921	81,000	14,429	1,031,541	1,356	10,035	102,100	1884	41,800		858,593	179,279	274,300
1920	88,500	15,732		129	19,264	103,900	1883	42,100		613,462	85,007	279,400
1919	89,700	15,707		1,624	14,480	111,345	1882	42,300		346,639	142,074	284,400
1918	74,300	16,225		1,436	20,167	119,400	1881	42,500		454,192	146,871	289,400
1917	61,900	18,065		1,137	36,919	105,200	1880	42,800		776,875	131,128	294,351
1916	68,700	19,905		673	29,657	91,900	1879			637,064	82,725	
1915	71,400	21,744		1,060	23,262	98,900	1878			767,779	73,675	
1914	71,000	22,378		1,164	20,983	104,000	1877			587,642	50,046	
1913	66,900	23,012		1,426	13,517	103,800	1876			512,450	99,233	
1912	76,300	23,647	1,061,844	755	10,161	124,200	1875			563,327	55,949	
1911	68,900	24,280		1,155	12,061	127,600	1874			492,878	120,381	
1910	62,500	24,916		1,451	5,665	146,200	1873			397,700	82,307	
1909	55,600	25,550		1,131	16,959	169,000						

YEAR	Mackerel										
	164		164		164		164		164		164
	1,000 pounds										
1872	80,612	1860	107,856	1848	137,347	1836	79,815	1825	116,414	1814	614
1871	121,340	1859	45,632	1847	115,275			1824	87,703	1813	1,719
		1858	60,225	1846	82,149	1835	89,146	1823	66,359	1812	2,692
1870	146,554	1857	77,205			1834	115,725	1822	73,354	1811	7,963
1869	106,252	1856	98,076	1845	92,580	1833	102,020	1821	50,802		
1868	81,716			1844	39,531	1832	101,800			1810	5,744
1867	95,697	1855	96,997	1843	29,495	1831	175,522	1820	52,920	1809	4,039
1866	108,204	1854	61,939	1842	34,571			1819	45,814	1808	3,491
		1853	61,020	1841	25,415	1830	141,161	1818	21,210	1807	4,253
1865	121,717	1852	90,664			1829	103,414	1817	17,098	1806	3,764
1864	126,961	1851	150,671	1840	23,107	1828	108,605	1816	14,173		
1863	140,466			1839	33,986	1827	87,088			1805	3,924
1862	119,380	1850	111,007	1838	50,678	1826	72,644	1815	7,349	1804	3,597
1861	88,910	1849	95,620	1837	63,224						

¹ Preliminary.

² Includes the catch made off Australia and in the Antarctic. The catch in these waters, which was made during the season from December to March, is included

in the year the season opened.

³ Includes 5,096,000 miscellaneous fish.

Series F 166-188.—FISHERIES—CATCH OF PRINCIPAL SPECIES BY REGIONS: 1880 TO 1945

[All figures, except value, in thousands of pounds]

YEAR	NEW ENGLAND STATES							MIDDLE ATLANTIC STATES		CHESAPEAKE BAY STATES		
	Total catch	Haddock	Rosefish	Herring, sea	Cod	Flounder	Lobster	Total catch	Oysters	Total catch	Oysters	Crabs
	166	167	168	169	170	171	172	173	174	175	176	177
1945			1 131,286							306,460	32,570	40,822
1944	713,692	133,065	120,216	83,460	93,756	58,311	17,208	422,980	13,125	267,391	29,847	44,618
1943	645,591	117,216	114,737	60,148	65,540	66,194	15,651	321,026	12,676	(?)	(?)	(?)
1942	705,085	137,409	128,090	99,676	65,092	75,313	11,792	319,193	12,106	202,240	28,722	35,733
1941										328,155	35,439	30,238
1940	626,054	141,193	85,142	44,053	82,239	57,572	11,165	355,553	13,984	320,736	37,457	41,816
1939	663,866	157,812	77,375	75,188	105,417	45,833	11,312	280,052	11,653	323,653	36,847	57,047
1938	631,520	157,935	65,005	21,047	118,385	46,836	11,408	216,858	16,144	294,594	33,412	55,071
1937	670,864	169,487	58,356	53,042	134,605	48,202	10,936	264,652	14,617	292,244	31,715	49,115
1936										314,095	30,313	43,671
1935	655,430	194,606	17,157	54,329	120,334	38,734	10,852	279,438	14,811	265,827	29,901	41,034
1934										289,011	35,786	39,797
1933	499,936	160,106	264	48,086	99,632	37,795	9,088	169,754	13,933	272,380	25,153	66,076
1932	480,521	150,468	125	38,074	86,276	37,439	10,279	141,221	15,026	359,007	27,890	61,512
1931	534,680	181,140	237	63,907	92,525	41,838	11,312	151,340	21,546	285,623	32,311	64,517
1930	695,304	264,549	118	82,901	101,632	49,165	12,357	170,058	21,516	308,158	36,724	68,760
1929	688,893	255,851	74	107,223	86,999	48,933	10,322	164,858	29,214	264,697	33,138	60,178
1928	598,841	237,708		70,555	90,336	50,274	11,604					
1926								153,427	24,926			
1925										321,324	48,383	29,601
1924	402,998	93,570		61,617	93,451	30,855	9,716					
1921								322,538	26,420			
1920										523,489	52,316	22,700
1919	460,292	89,853		97,963	89,076	15,541	10,677					
1918												
1917												
1916												
1915												
1914												
1913												
1912												
1911												
1910												
1909												
1908	512,406	59,544		121,700	95,284	9,753	14,734	204,921	23,192	411,145	63,983	45,456
1907	461,484	77,633		85,836	93,792	5,763	11,524					
1906												
1905												
1904												
1903												
1902	524,895	48,030		200,598	123,605	4,809	14,756	367,919	33,280	419,582	67,431	30,665
1901												
1900												
1899												
1898	394,090	46,767		66,126	125,441	4,109	14,662					
1897												
1896												
1895												
1894												
1893												
1892												
1891												
1890												
1889	653,607	45,792		43,113	164,123	2,951	30,450	293,508	29,102	324,824	111,305	9,469
1888	573,350	46,888		52,531	196,250	2,782	27,640	269,737	26,577	212,984	82,250	(?)
1887	520,674	40,806		42,817	207,458	2,480	28,628	259,038	30,428	202,832	74,700	(?)
1886												
1885												
1884												
1883												
1882												
1881												
1880								412,127	28,397	249,931	117,405	(?)

YEAR	SOUTH ATLANTIC AND GULF STATES		PACIFIC COAST STATES					Great Lakes and international lakes of northern Minnesota	MISSISSIPPI RIVER AND TRIBUTARIES		
	Total catch	Shrimp	Total catch		Pilchard or sardine	Mackerel	Salmon		Tuna and tunalike fishes	Total catch	Value (\$1,000)
			Quantity	Value (\$1,000)							
	178	179	180	181	182	183	184	185	186	187	188
1945	746,027	189,024	1,428,278	62,694	849,971	53,717	96,249	183,588	78,643		
1944	(?)	(?)	1,675,794	59,802	1,147,295	83,657	49,689	167,136	75,688		
1943	(?)	(?)	1,453,263	57,323	997,001	75,262	49,101	128,134	78,221		
1942	(?)	(?)	1,374,688	49,244	974,680	52,554	77,730	118,238	75,247		
1941	(?)	(?)	1,813,356	40,362	1,328,378	78,167	86,456	134,566	78,065		
1940	575,533	150,541	1,453,281	29,256	913,944	120,504	61,380	210,173	79,296		
1939	627,917	148,070	1,713,826	27,417	1,240,975	80,909	74,810	181,216	85,235		
1938	621,858	140,150	1,525,885	26,086	1,110,401	79,848	64,236	144,179	81,525		
1937	546,751	141,273	1,576,877	28,776	1,139,505	60,936	95,661	162,649	83,958		
1936	556,993	118,109	1,925,342	24,882	1,502,299	100,542	64,031	132,470	94,277		
1935			1,676,236	23,089	1,168,213	146,427	99,450	124,967	90,222		
1934	447,914	119,318	1,546,102	19,950	1,135,959	113,849	87,092	97,425	96,411		
1933			860,161	13,988	509,805	69,615	106,691	70,577	74,604		
1932	299,917	88,262	560,823	9,434	312,172	12,474	76,088	63,113	83,744		
1931	289,310	96,451	597,307	13,603	300,205	14,253	133,360	59,738	91,727	82,383	2,897
1930	417,759	88,118	833,389	23,064	449,451	16,531	99,615	104,511	94,948		
1929	514,598	108,551	1,034,434	25,038	651,802	57,975	141,892	75,112	85,389		
1928	430,834	115,479	705,112	20,513	420,270	35,262	80,892	64,138	63,368		
1927	437,987	98,868	662,513	22,307	342,275	4,741	131,793	70,935	81,327		
1926			537,624	18,915	286,741	3,623	84,563	45,896	75,300		
1925			627,025	24,581	315,295	3,522	139,849	54,778	69,132		
1924			487,688	20,052	242,686	3,241	101,960	29,365	78,281		
1923	372,209	70,822	415,741	19,042	169,197	3,592	106,088	39,893	79,109		
1922			287,206	12,984	93,400	2,496	62,684	36,890	79,434	105,734	4,504
1921			(?)	(?)	59,323	2,975	(?)	21,560	83,458		
1920			(?)	(?)	118,521	3,048	(?)	45,685	77,375		
1919			(?)	(?)	153,877	2,703	(?)	41,832	92,463		
1918	449,784	48,008	(?)	(?)	157,653	4,076	(?)	15,947	106,679		
1917									95,893		
1916									88,432		
1915			304,796	9,306	4,390	266	127,438	21,522	108,948		
1914									93,625		
1913									68,309		

1 Preliminary.

2 Data not available.

3 Exclusion of Virginia catch in James and Potomac Rivers.

Series F 166-188.—FISHERIES—CATCH OF PRINCIPAL SPECIES BY REGIONS: 1880 TO 1945—Con.

[All figures, except value, in thousands of pounds]

YEAR	SOUTH ATLANTIC AND GULF STATES		PACIFIC COAST STATES					Great Lakes and international lakes of northern Minnesota	MISSISSIPPI RIVER AND TRIBUTARIES		
	Total catch	Shrimp	Total catch		Pilehard or sardine	Mackerel	Salmon		Tuna and tunalike fishes	Total catch	Value (\$1,000)
			Quantity	Value (\$1,000)							
	178	179	180	181	182	183	184	185	186	187	188
1908	252,163	18,562	193,056	6,839	4,638	197	85,513	341	106,631		
1904			190,615	6,681	1,086	135	107,469	437		93,374	1,841
1903									86,195		
1902	195,739	16,178									
1899			206,911	6,279	2,383	168	128,783	392	113,727	96,797	1,781
1897	135,059	7,419									
1895			135,894	4,473	732	95	78,245	632		44,545	1,385
1894									96,620		
1893											
1892			108,076	4,827	753	350	47,201	421			
1890	124,014	8,196							113,899		
1889	112,601	9,047									
1888			87,043	4,010	(?)	(?)	(?)	(?)			
1885									99,842		
1880	64,035	(?)									

¹ Data not available.

Series F 189-192.—FISHERIES—ALASKA CATCH OF FISHERY PRODUCTS AND SALMON: 1927 TO 1945

[Quantity in thousands of pounds; value in thousands of dollars]

YEAR	TOTAL CATCH ¹		SALMON		YEAR	TOTAL CATCH ¹		SALMON	
	Quantity	Value	Quantity	Value		Quantity	Value	Quantity	Value
1945	596,052	22,238	402,635	15,564	1935	648,710	9,098	434,004	6,970
1944	561,199	20,414	393,318	14,527	1934	819,269	11,958	624,652	9,881
1943	594,645	20,506	457,307	14,588	1933	630,773	9,158	467,349	7,498
1942	522,179	17,934	430,867	13,398	1932	606,520	7,062	452,536	5,766
1941	736,269	15,039	543,024	12,609	1931	598,125	10,043	467,664	7,758
1940	563,688	10,612	439,182	8,420	1930	620,702	12,756	426,442	8,041
1939	666,397	11,458	452,166	9,256	1929	651,423	17,084	442,602	10,844
1938	798,823	12,220	589,706	9,943	1928	699,006	17,797	517,070	12,790
1937	834,819	14,717	593,384	11,877	1927	470,022	14,435	300,565	8,702
1936	932,343	14,226	726,853	11,857					

¹ Includes salmon.

Series F 193-198.—FISHERIES—LANDINGS AT CERTAIN NEW ENGLAND PORTS: 1893 TO 1944

[In thousands of pounds]

YEAR	BOSTON		GLOUCESTER		PORTLAND		YEAR	BOSTON		GLOUCESTER		PORTLAND	
	Fresh	Salted	Fresh	Salted	Fresh	Salted		Fresh	Salted	Fresh	Salted	Fresh	Salted
1944	151,762	0	188,661	0	17,053	0	1918	109,227	249	62,002	12,173	21,795	55
1943	142,968	7	170,099	0	18,289	0	1917	98,155	495	40,062	18,073	18,566	79
1942	194,652	34	157,741	0	20,540	0	1916	98,255	76	46,515	20,165	20,551	262
1941	299,332	38	148,445	2,906	25,675	0							
1940	252,770	58	96,161	3,048	23,429	0	1915	97,397	502	49,678	24,019		
1939	295,346	7	75,661	3,522	17,702	0	1914	92,231	113	49,344	20,901		
1938	318,731	14	60,698	2,311	18,857	0	1913	92,202	149	41,768	28,098		
1937	324,593	7	44,700	1,539	17,121	0	1912	100,157	143	51,264	31,140		
1936	339,223	2	57,063	2,074	16,117	12	1911	93,629	131	51,235	40,157		
1935	307,367	5	46,932	4,333	14,478	4	1910	102,059	31	35,984	43,661		
1934	243,602	91	37,298	2,832	16,058	35	1909	92,085	491	32,546	47,980		
1933	232,507	76	18,309	3,428	12,709	128	1908	94,713	947	49,833	35,922		
1932	215,528	91	23,444	1,884	11,285	102	1907	87,717	394	64,058	39,403		
1931	219,929	16	21,263	3,587	18,832	58	1906	89,610	83	46,908	33,801		
1930	285,212	45	43,663	3,696	18,166	19	1905	101,085	222	68,450	35,130		
1929	255,623	99	49,135	4,745	17,445	49	1904	81,183	911	44,588	48,226		
1928	218,354	34	39,407	2,497	17,536	154	1903	78,383	1,883	33,059	44,167		
1927	194,877	64	46,056	6,497	16,225	130	1902	77,608	1,365	39,615	49,366		
1926	167,061	257	49,222	5,679	15,964	243	1901	56,855	2,137	39,584	52,589		
1925	148,723	315	42,161	7,311	18,133	226	1900	63,648	3,173	43,535	51,863		
1924	130,631	335	29,263	6,583	15,927	209	1899	63,450	1,274	63,824	48,226		
1923	123,932	253	29,012	6,018	15,222	475	1898	53,494	1,186	54,387	34,337		
1922	106,032	158	30,395	7,355	15,762	172	1897	62,704	199	32,960	31,002		
1921	104,277	91	26,747	6,269	13,235	246	1896	61,820	1,256	21,925	45,673		
1920	118,302	257	39,113	7,627	12,752	229	1895	73,612	195	26,065	50,567		
1919	103,209	183	61,621	9,749	21,713	6	1894	86,129	1,335	34,990	44,661		
							1893	66,518	1,077	29,478	45,323		

¹ Receipts of salt fish from the treaty coasts of Newfoundland, Magdalen Islands, and Labrador, which are received in this country as products of American fisheries, have been omitted from the landings for the years following 1941.

Series F 199.—FISHERIES—PRODUCTION OF FROZEN FISH, UNITED STATES: 1920 TO 1945

[In thousands of pounds. Data for 1926 and 1927 are not available]

YEAR	Quantity	YEAR	Quantity	YEAR	Quantity	YEAR	Quantity
	199		199		199		199
1945	286,001	1939	183,408	1933	95,874	1925	91,165
1944	266,537	1938	186,096	1932	92,472	1924	97,324
1943	246,053	1937	168,224	1931	112,257	1923	91,549
1942	247,165	1936	179,274			1922	75,154
1941	246,588			1930	139,297	1921	80,737
		1935	149,643	1929	121,543		
1940	196,155	1934	133,494	1928	113,638	1920	92,260

Series F 200-211.—FISHERIES—PRODUCTION OF CANNED FISHERY PRODUCTS: 1921 TO 1945

YEAR	TOTAL		SALMON		PILCHARD		SARDINES (SEA HERRING)		TUNA AND TUNALIKE FISHES		SHELLFISH	
	Standard cases	Value	Standard cases	Value	Standard cases	Value	Standard cases	Value	Standard cases	Value	Standard cases	Value
	200	201	202	203	204	205	206	207	208	209	210	211
1945	18,555,183	\$152,800,571	4,908,240	\$52,586,405	3,765,981	\$15,346,472	2,513,751	\$11,520,387	4,531,565	\$47,407,451	1,460,478	\$13,957,356
1944	18,520,653	152,914,237	5,138,647	56,383,276	3,650,919	15,225,919	3,035,825	14,223,706	3,560,020	40,836,117	1,348,588	13,642,807
1943	16,716,182	141,188,792	5,704,207	62,935,114	3,354,697	14,352,359	2,353,273	10,686,471	2,696,073	31,430,189	1,346,474	13,368,823
1942	18,077,312	144,996,947	5,835,006	61,974,177	3,744,624	15,509,964	2,720,126	11,691,981	2,484,749	30,742,493	1,873,131	16,739,658
1941	23,555,321	138,684,157	7,881,629	67,416,918	5,007,154	18,091,873	3,131,276	12,475,991	2,931,581	19,397,887	2,041,020	12,499,427
1940	18,909,348	94,181,941	5,605,006	38,049,668	2,945,882	8,975,257	1,117,748	3,736,394	4,188,460	23,727,560	2,237,425	11,330,833
1939	19,487,083	96,627,550	5,992,104	41,780,849	3,108,082	9,553,663	2,210,466	7,075,096	3,642,951	20,079,567	2,394,075	12,198,952
1938	17,004,379	83,445,889	7,279,719	42,365,789	2,261,678	7,102,358	671,635	2,367,045	2,754,143	15,183,636	2,012,525	10,459,986
1937	19,530,809	105,174,935	7,555,037	52,933,934	2,812,456	8,592,117	1,680,241	4,998,373	3,144,501	18,995,779	2,345,986	13,662,673
1936	20,097,976	94,564,254	8,965,177	50,061,071	2,616,530	7,302,273	1,845,860	5,740,454	2,680,734	14,715,391	1,909,891	10,282,012
1935	17,435,076	74,999,034	6,027,895	32,475,266	2,420,055	6,237,262	1,655,839	5,142,750	2,510,828	12,823,729	2,312,997	9,895,391
1934	17,378,902	80,021,842	8,383,036	45,817,897	1,970,047	5,481,391	1,142,730	3,315,190	1,966,943	10,009,542	2,147,134	9,460,702
1933	13,116,968	59,799,963	6,362,465	36,241,917	1,539,446	3,805,168	980,906	2,397,348	1,443,133	6,934,485	1,673,582	6,636,555
1932	10,494,606	43,749,182	5,908,969	26,460,080	953,981	2,358,399	545,697	1,370,050	1,206,177	6,183,019	1,533,305	5,567,513
1931	12,580,826	62,948,791	6,740,045	38,083,176	1,713,407	4,715,089	885,408	2,647,187	1,216,976	7,279,392	1,644,236	7,373,051
1930	14,767,186	82,858,261	6,086,479	42,835,953	2,979,333	8,741,928	1,399,212	4,459,071	2,010,640	13,055,876	1,796,388	9,745,923
1929	17,310,238	101,065,055	6,990,682	56,085,697	3,831,215	11,996,997	2,025,801	6,897,946	1,504,306	9,875,453	1,998,645	11,024,043
1928	15,629,980	95,871,855	6,926,806	54,638,143	2,771,527	9,658,822	2,055,763	8,076,546	1,216,222	8,374,030	1,898,013	10,739,246
1927	12,281,658	81,384,133	5,076,579	45,728,761	2,563,146	9,268,784	1,262,124	5,249,030	1,255,818	8,368,227	1,829,826	10,526,028
1926	(1)	86,193,240	7,488,620	56,219,306	2,093,278	7,807,404	1,717,537	6,727,388	851,199	5,282,283	(2)	(2)
1925	(1)	80,577,138	6,018,550	47,369,507	1,714,913	6,380,617	1,870,786	6,716,701	1,102,471	8,499,080	(2)	(2)
1924	(1)	72,164,589	6,253,577	42,401,602	1,367,139	5,445,573	1,899,925	7,191,026	653,416	5,756,586	(2)	(2)
1923	(1)	72,445,205	6,402,960	45,533,573	1,100,162	4,607,931	1,272,277	5,288,865	817,836	6,914,760	(2)	(2)
1922	(1)	60,464,947	5,234,898	38,420,717	715,364	3,361,480	1,869,719	5,750,109	672,321	4,511,873	(2)	(2)
1921	(1)	46,634,706	3,599,774	28,867,169	398,668	2,346,446	1,399,507	3,960,916	549,150	3,074,626	(2)	(2)

¹ Complete data not available.

² Not enumerated separately prior to 1927.

Series F 212-215.—FISHERIES—PRODUCTION OF FISH SCRAP AND MEAL, AND FISH AND MARINE OILS, UNITED STATES: 1921 TO 1945

[In tons of 2,000 pounds; in U. S. standard gallons]

YEAR	FISH SCRAP AND MEAL ¹		FISH AND MARINE OILS		YEAR	FISH SCRAP AND MEAL ¹		FISH AND MARINE OILS	
	Tons	Value	Gallons	Value		Tons	Value	Gallons	Value
	212	213	214	215		212	213	214	215
1945	199,118	\$14,343,138	24,501,852	\$27,235,722	1932	94,897	\$2,333,614	12,195,325	\$1,392,255
1944	210,225	15,131,918	23,322,975	31,008,781	1931	75,412	2,850,002	8,565,651	1,619,936
1943	188,848	13,570,331	23,116,216	29,812,854					
1942	168,486	11,545,239	20,579,104	22,579,602	1930	113,126	5,693,434	14,704,784	4,200,064
1941	225,815	12,852,781	29,283,627	29,594,214	1929	119,592	6,178,818	15,353,057	6,801,619
					1928	84,491	4,850,905	12,145,577	5,149,618
1940	177,724	7,612,288	24,815,538	12,025,178	1927	71,882	3,754,492	10,874,113	4,905,021
1939	210,249	8,827,747	35,752,113	14,697,069	1926	69,421	3,102,873	10,888,046	5,027,491
1938	183,402	6,999,227	35,140,135	13,526,015					
1937	188,057	6,943,411	35,634,669	16,355,752	1925	76,599	3,548,584	13,287,076	6,500,191
1936	220,296	7,336,783	39,901,818	15,328,466	1924	56,888	2,417,014	9,211,295	4,311,733
					1923	68,950	3,348,515	11,373,801	5,104,194
1935	182,513	5,186,347	31,925,660	13,149,118	1922	93,411	3,730,360	10,535,473	4,230,760
1934	175,373	5,705,652	29,965,452	6,385,309	1921	62,469	2,651,502	7,446,281	2,078,670
1933	120,510	3,704,016	17,742,222	2,624,519					

¹ Does not include the production of acid scrap.

Series F 216-217.—FISHERIES—SPONGES, SALES AT THE TARPON SPRINGS (FLORIDA) SPONGE EXCHANGE: 1913 TO 1945

YEAR	Pounds sold	Value	YEAR	Pounds sold	Value	YEAR	Pounds sold	Value	YEAR	Pounds sold	Value
	216	217		216	217		216	217		216	217
1945	203,447	\$2,716,374	1936	628,226	1,035,429	1928	451,034	\$729,918	1920	412,597	678,209
1944	186,027	2,551,863				1927	474,200	865,510	1919	456,558	707,964
1943	217,355	2,305,079	1935	388,888	620,156	1926	423,061	666,093	1918	355,695	592,778
1942	184,280	1,700,247	1934	499,635	670,533				1917	487,943	870,135
1941	201,126	1,364,870	1933	373,178	420,481	1925	494,188	715,097	1916	(1)	(1)
			1932	430,641	517,655	1924	508,954	714,761			
1940	232,164	847,210	1931	386,219	609,773	1923	519,582	734,391	1915	(1)	(1)
1939	423,682	1,035,554				1922	556,097	699,089	1914	468,457	565,773
1938	530,183	952,258	1930	475,294	802,938	1921	404,729	540,093	1913	513,434	684,919
1937	561,943	1,097,301	1929	413,763	706,645						

(1) Data not available.

Series F 218-219.—FISHERIES—SEALS, PRIBILOF ISLANDS SEAL HERD: 1910 TO 1945

YEAR	Animals in herd	Sealskins obtained	YEAR	Animals in herd	Sealskins obtained	YEAR	Animals in herd	Sealskins obtained	YEAR	Animals in herd	Sealskins obtained
	218	219		218	219		218	219		218	219
1945	3,155,268	76,964	1935	1,550,913	57,296	1925	723,050	19,860	1916	417,281	6,468
1944	2,945,663	47,652	1934	1,430,418	53,470	1924	697,158	17,219			
1943	2,720,780	117,164	1933	1,318,568	54,550	1923	653,008	15,920	1915	363,872	3,947
1942	2,585,397	150	1932	1,219,961	49,336	1922	604,962	31,156	1914	294,687	2,735
1941	2,338,312	95,013	1931	1,127,082	49,524	1921	581,443	23,681	1913	268,305	2,406
									1912	215,738	3,191
1940	2,185,136	65,263	1930	1,045,101	42,500	1920	552,713	26,648	1911	123,600	12,138
1939	2,020,774	60,473	1929	971,527	40,068	1919	524,235	27,821			
1938	1,872,438	53,364	1928	871,513	31,099	1918	496,432	34,890	1910	132,279	12,964
1937	1,839,119	55,180	1927	808,870	24,942	1917	468,692	8,170			
1936	1,689,743	52,446	1926	761,218	22,131						