

Forestry and Fisheries

FORESTS AND FOREST PRODUCTS (Series L 1-109)

L 1-109. General note.

Statistics on the forest resource as a whole, such as the total area and ownership of forest land, total volume of timber, and growth and cut, are not presented here. Since 1900, several reports containing these basic forest statistics have been published and the five most noteworthy for inclusion of new data are listed below.

Forest Service, *Timber Depletion, Lumber Prices, Lumber Exports, and Concentration of Timber Ownership*, Report on Res. 311, 66th Congress, 2d session (The Capper Report), 1920.

Forest Service, *A National Plan for American Forestry*, Senate Document 12, 73d Congress, 1st session, 2 vols. (The Copeland Report), 1933.

U.S. Congress Joint Committee on Forestry, *Forest Lands in the United States*, Senate Document 32, 77th Congress, 1st session (The J. C. C. Report), 1938.

Forest Service, *Forests and National Prosperity*, Agriculture Miscellaneous Publication No. 668 (The Reappraisal Report), 1948.

Forest Service, *Timber Resources for America's Future*, 1959.

L 1-2. Gross area of national forest and other lands, 1905-1957.

Source: Forest Service, *National Forest Areas*, annual publications.

Data are prepared from individual land transactions of the Forest Service, such as transfers from other agencies, land exchanges, purchases, and other adjustments.

Gross area within unit boundaries (series L 1) prior to 1936 included the total land area within the authorized boundaries of the units formally designated or proclaimed as national forests. Since 1936, other lands administered by the Forest Service, including national forest purchase units, experimental areas, land utilization projects, and other land units have also been included.

The Federal Government seldom has complete ownership of all the land within the national forests and other units under administration of the Forest Service. Parts of such units are under private, State, county, and municipal ownership, or under the jurisdiction of a Federal agency other than the Forest Service. Gross area under Forest Service administration (series L 2) is thus the net area in these aforementioned units owned by the United States and administered by the Forest Service. National forests comprise the largest part of this net area, accounting for 90 percent of the total in 1956. Land utilization project lands, administered under title 3 of the Bankhead-Jones Farm Tenant Act, account for most of the remainder.

The source also includes statistics for States on the gross and net area of each national forest, purchase unit, experimental area, and land utilization area under the jurisdiction of the Forest Service.

L 3-5. Gross area approved for national forest purchase, 1912-1957.

Source: See source for series L 1-2.

The figures for gross area approved for purchase include the total area as of June 30 within purchase units that the Secre-

tary of Agriculture has been authorized to purchase for national forest purposes by the National Forest Reservation Commission.

Statistics which show, by States and by national forests or purchase units, the area authorized by the Commission for purchase, the area purchased for national forests during each fiscal year, and the cost are presented in the annual reports of the National Forest Reservation Commission.

L 6-14. Volume and value of timber cut from national forest areas, 1905-1957.

Source: Forest Service, records.

Commercial sales (series L 8-10) include all sales from the national forests for which a charge is made. Nearly all commercial sales are made on a competitive bid basis with the sale going to the highest bidder. Most sales are timber sales (series L 8-9) but some material not measurable in board feet is also sold from the national forests (series L 10). Some timber from the national forest is exchanged for land (series L 11-12) and some is disposed of under free- and administrative-use permits to settlers, miners, residents, and other similar users (series L 13-14).

Information on individual transactions involving national-forest timber is available from the Forest Service. Unpublished records of national-forest stumpage sales are also available for all sales in the form of quarterly compilations classified according to Forest Service regions, major species and product, e.g., pulpwood, saw logs, etc.

L 15-18. Receipts from national forests, 1905-1957.

Source: Forest Service, records.

Receipts from the national forests are derived from timber and other forest product sales, settlement, and trespass; grazing and grazing trespass; and land uses such as power lines, resort and summer homesites, and ski lifts.

L 19-22. Payments to States and Territories, 1906-1957.

Source: Forest Service, records.

The "25-percent fund" (series L 20) consists of payments from gross receipts of the previous fiscal year from each national forest to the State or Territory in which the forest is situated for the benefit of public roads and schools under an Act of May 23, 1908 (35 Stat. 260) as amended. Payments are also made from timber receipts from the Tongass National Forest to Alaska for public schools and public roads, under an Act approved July 24, 1956 (70 Stat. 605).

The "Arizona and New Mexico school fund" (series L 21) consists of payments made to the States of Arizona and New Mexico under an Act of June 20, 1910. From the gross receipts of the national forests in the two States, payments are made in the proportion that the area of land granted the States for school purposes within these national forests bears to the total area of all national forests within the two respective States.

"Payments to State of Minnesota" (series L 22) consist of payments made under an Act of June 22, 1948 (62 Stat. 568).

Payments represent three-fourths of one percent of the fair appraised value of certain national forest lands in Cook, Lake, and St. Louis Counties in Minnesota.

Detailed statistics of receipts and payments by State and region and related data on Forest Service expenditures and investments are also available in records of the Forest Service.

L 23-25. Lumber production, 1799-1956.

Source: 1799-1945, Forest Service, Miscellaneous Publication No. 669, *Lumber Production in the United States, 1799-1946*; 1946-1956, Bureau of the Census, *Facts for Industry*, annual releases, "Lumber Production"; *Census of Manufactures*, 1947 and 1954; and records.

Data on lumber were first collected by the Bureau of the Census in the Census of 1810 (for the year 1809). Subsequently this agency collected and published statistics on lumber production for 1819 and decennially for 1839-1899, and annually from 1904 through 1954 excepting in 1905, 1906, 1913, 1915-1918, 1920, and 1948. The Bureau of Crop Estimates collected and published data for 1913, and the Forest Service for all other years. Federal, State, and private agencies such as the Tennessee Valley Authority, New York State, and various lumber manufacturers associations have cooperated with the Bureau of the Census and Forest Service in the collection of data on lumber production.

For 1809-1859, only the value of lumber produced was included in the decennial reports of the Bureau of the Census, although some reference to number of mills or number of saws was often made. For 1869, 1879, and 1889, the total quantity of lumber produced was reported by States. Since 1899, lumber production has been reported in quantity terms by States and species, although in recent years such reporting, based on sampling of the industry, has been restricted to major species and principal producing States.

Prior to 1912, except for decennial censuses (when there was some field followup of nonreporting mills by field agents), lumber production figures were based upon a mail canvass of producers for the entire Nation. Since 1912, except for 1948, the census in the Western United States has been conducted by mail supplemented by a field canvass to obtain reports from nonrespondents. In the Eastern States, statistics were obtained by mail canvass for 1912-1941. Since 1941, except for 1948, statistics for the East have been based either upon a complete field canvass (1942 and 1947) or upon a mail canvass supplemented by area sampling. For 1948, lumber production figures for the West were obtained by the Forest Service in cooperation with the West Coast Lumbermen's Association and the Western Pine Association through a mail canvass, with field followup of nonrespondents. For the East, 1948 figures are Forest Service estimates based upon data published by the National Lumber Manufacturers Association and other associations.

Eastern field canvasses in the early 1940's disclosed thousands of small sawmills and many larger mills not previously included in the annual surveys. These mills collectively produced a substantial volume of lumber. Accordingly, the Forest Service prepared revised estimates of lumber production for 1904-1908, 1910-1918, and 1920-1941 designed to include the production of nonreporting mills as well as of reporting mills. The revised estimates and a description of the methodology employed in revising reported lumber production estimates also appear in the source cited above for 1799-1945. In addition, this source presents lumber production figures prior to 1946, by species and States, and data on average value per thousand board feet for years prior to 1944. Data on lumber production by species and States are also available for 1946, 1947, and 1949-1956 in the Bureau of the Census publications cited above.

Production figures for 1869-1919 as reported in the decennial censuses of 1870-1920 were accepted as substantially correct. The figures for 1809, 1819, and 1839-1859 are estimates by the Forest Service based on value data from the decennial reports of the Bureau of the Census (see above). The figures for 1799 and 1829 are also Forest Service estimates.

L 26-33. Lumber imports and exports, 1899-1956.

Source: 1899-1946, Bureau of the Census, *Foreign Commerce and Navigation of the United States*, annual issues; 1947-1956, series L 26-29, *United States Imports of Merchandise for Consumption*, annual issues, and series L 30-33, *United States Exports of Domestic and Foreign Merchandise*, annual issues.

Figures are the summation of import entries and warehouse withdrawals prepared by importers or their brokers, and of export declarations prepared by shippers or their authorized agents or brokers. Series L 26-29 include lumber imports from all U.S. Territories and possessions; series L 30-33 include exports to all U.S. possessions, except Alaska and Hawaii.

Lumber imports and exports include sawn timbers, boards, planks, scantlings, joists, box shooks, and sawn railroad ties where quantities are given in board feet. The geographic area covered is the United States customs area and includes Alaska, Hawaii, and Puerto Rico, in addition to continental United States.

Supplementary statistics on the value of lumber imports and exports as well as value and volume of imports and exports of forest products, such as logs and bolts, poles, piling, Christmas trees, woodpulp, paper and paperboard, and other forest products by country of origin and destination also appear in the sources cited above.

L 34. Lumber, new supply, 1899-1956.

Source: See sources for series L 23-25, L 26-33.

Figures represent production plus imports minus exports for years prior to 1935. For 1935-1956, changes in lumber stocks are also included. The data on lumber stocks are partly Bureau of the Census and partly Forest Service estimates.

L 35. Lumber, per capita use, 1899-1956.

Source: Forest Service, records.

These figures were derived by dividing the "new supply" figures (series L 34) by total population (including Armed Forces overseas) as of July 1 of each year.

L 36-44. Lumber production, by region, 1869-1954.

Source: See source for series L 23-25.

The States included in each region are as follows:

New England:	South Atlantic:
Connecticut	North Carolina
Maine	South Carolina
Massachusetts	Virginia
New Hampshire	South:
Rhode Island	Alabama
Vermont	Arkansas
Middle Atlantic:	Florida
Delaware	Georgia
Maryland	Louisiana
New Jersey	Mississippi
New York	Oklahoma
Pennsylvania	Texas
Lake:	Rocky Mountain:
Michigan	Idaho
Minnesota	Montana
Wisconsin	Arizona
Central:	Colorado
Illinois	New Mexico
Indiana	South Dakota
Kentucky	Utah
Missouri	Wyoming
Ohio	West Coast:
Tennessee	California
West Virginia	Oregon
Nebraska	Washington
Iowa	Nevada
Kansas	

North Dakota is not included in any region since its production is negligible.

Production data for 1904-1908 and 1910-1914 are not adjusted for underreporting and therefore do not agree with the totals shown for series L 23.

L 45-60. Lumber production, by principal species, 1869-1956.

Source: See source for series L 23-25.

Production by species for the years 1904-1908, 1910-1918, and 1920-1941 are not adjusted for underreporting and do not agree with the totals shown for series L 23-25.

L 61, L 64, and L 67. Domestic production of pulpwood, woodpulp, and paper and paperboard, 1809-1956.

Source: 1809-1904, 1914, 1929, 1931, 1933, 1935, 1937-1956, Bureau of the Census, *Census of Manufactures*, various reports; and various *Facts for Industry* and other reports issued annually; 1905, 1916-1918, and 1920, Forest Service, records; all other years, joint reports of the Bureau of the Census and the Forest Service. The separate and joint annual releases of the Bureau of the Census and the Forest Service were issued under the general title, "Pulp, Paper, and Board."

For nearly all years, statistics have been based upon a mail canvass of woodpulp and paper producers.

Pulpwood production figures (series L 61) were reported by the Bureau of the Census for 1869-1899 in the decennial census reports for 1870-1900. In most years since 1904, data have been published showing domestic receipts (production), imports, species, and average cost delivered at manufacturing plants. In recent years, the Bureau of the Census in its monthly *Facts for Industry* release, "Pulp, Paper, and Board," has reported data on domestic pulpwood receipts, imports, consumption, and inventories by hardwoods and softwoods and by region. The annual summary of the monthly report shows this information by States. Domestic pulpwood receipts and domestic production are considered to be synonymous.

For 1946-1956, the Forest Service has published annual statistics in "Pulpwood Production in the South," which shows pulpwood production by county and by softwoods and hardwoods in Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, and Virginia. It has also published similar data showing pulpwood production by species in Michigan, Minnesota, and Wisconsin for the same period.

Woodpulp production figures (series L 64) were reported decennially for 1869-1889. In 1899, 1904, 1909, 1914, and annually since 1916, woodpulp production has been reported by major grades, i.e., mechanical, sulfite, soda, sulfate, and more recently semichemical, defibrated and exploded, and special alpha and dissolving grades. In recent years, the Bureau of the Census in its monthly *Facts for Industry* release, "Pulp, Paper, and Board," has reported data on woodpulp production, inventories, and consumption, by grade.

In most years since 1899 for which data are available, woodpulp production has been reported by States. In recent years, Bureau of the Census reports show woodpulp production by grade, region, and States.

Paper and paperboard production figures (series L 67) for 1809, 1819, 1839, 1849, and 1869 are based on value data of paper production collected in the decennial censuses. Since 1870, for all years during which data were published, paper production was reported in quantity terms classified by newsprint, book paper, coarse paper, fine paper, container board, and other major grades. In the last several years, the Bureau of the Census in its monthly *Facts for Industry* release, "Pulp, Paper, and Board," has reported production for nearly 40 grades of

paper and paperboard. The annual summary of this report has shown production of the major grades of paper by States and total production for nearly 200 different separate grades of paper and paperboard.

L 62, L 65, and L 68. Net imports of pulpwood, woodpulp, and paper and paperboard, 1899-1956.

Source: See source for series L 26-33.

Net imports represent gross imports minus gross exports.

L 63, L 66, and L 69. New supply of pulpwood, woodpulp, and paper and paperboard, 1899-1956.

Source: See sources for series L 61, L 64, and L 67, and also series L 26-33.

L 70-71. Domestic production of turpentine and rosin, 1900-1956.

Source: Agricultural Marketing Service, *Naval Stores Statistics, 1900-1954*, and Commodity Stabilization Service, *World Trends in Supply, Distribution and Prices of Naval Stores*. (1900-1931 figures derived from trade estimates published in *Gamble's International Naval Stores Yearbook*; for 1932-1946, figures were collected and published by Bureau of Agricultural and Industrial Chemistry; for 1947-1956, issued by Agricultural Marketing Service.)

Supplementary data showing naval stores consumption and stocks, production by type of extraction process, consumption of turpentine and rosin by type of industrial user (1922-1954), and average price and value of gum naval stores are also presented in *Naval Stores Statistics, 1900-1954*, cited above.

Beginning with the 1948 crop year, the current AMS report, *Naval Stores*, presents monthly production, stock, and export data for all naval stores except rosin oil. Information on consumption, prices, and stocks at consumption points which is not covered in the monthly report is included in the annual issue of this report.

L 72-84. General note.

Industrial timber products include all products, except fuelwood, commonly cut from round sections of trees. Items such as Christmas trees, Christmas greens, naval stores, and other nontimber forest products are not included.

The production, imports, and exports of timber products as reported by the Bureau of the Census, the Forest Service, trade associations, and other sources are customarily shown in a wide variety of units, such as board feet, cubic feet, cords, pieces, linear feet, and variations of these units. Appropriate factors have been used to convert the different measures of the various products to standard units of measure (cubic-foot roundwood) so that one product can be properly compared with another or that all can be combined and treated as a group. Cubic-foot roundwood is a measure of the roundwood volume of a log or bolt (excluding bark) from which the various products such as lumber and veneer are cut.

L 72-74. Domestic production, net imports, and new supply of industrial timber products, from roundwood, 1900-1956.

Source: Data are the sums of the series for different product groups; for production (L 75, L 78, L 81), net imports (L 76, L 79, L 82), and new supply (L 77, L 80, L 83, L 84).

L 75-77. Domestic production, net imports, and new supply of saw logs, 1900-1956.

Source: See source and text for series L 23-25, and L 26-33.

Estimates have been converted to cubic-foot roundwood on the basis of 156 cubic feet per 1,000 board-feet softwoods and 153 cubic feet per 1,000 board-feet hardwoods lumber tally.

L 78-80. Domestic production, net imports, and new supply of veneer logs, 1900-1956.

Source: Bureau of the Census, *Census of Manufactures*, various reports, and special reports under various titles; and Forest Service, records.

Data on the volume of logs consumed in the manufacture of veneers were first reported by the Bureau of the Census in 1905. Subsequently, it published data showing either log consumption or with sufficient information on veneer or plywood production to permit the derivation of estimates of log consumption for 1905-1911, biennially for 1919-1939, 1942-1945, 1947, and annually 1951-1956. Data for all other years represent estimates derived by the Forest Service.

In recent years, the Bureau of the Census *Facts for Industry* report, "Softwood Plywood and Veneer," presents figures for log consumption by species and State; log consumption in softwood plywood and veneer plants; softwood plywood production by species, type, and States; softwood veneer production in other than plywood plants, by States; and other related data. Another *Facts for Industry* report, "Hardwood Plywood, Market Shipments, and Inventories," presents current figures for market shipments and inventories of hardwood plywood by region, type of plywood, type of face ply, species of face ply, and other related data.

Logs consumed in the manufacture of veneer have been assumed to equal domestic production although small quantities of logs, mostly hardwoods, are imported each year by the veneer industry. Veneer logs commonly reported in board feet, log scale, have been converted to cubic-feet roundwood on the basis of 170 cubic feet per 1,000 board feet.

Net imports of veneer logs and bolts (series L 79) represent the equivalent net imports of veneer and plywood converted to board feet, log scale, and then to cubic-feet roundwood. The small volume of veneer logs and bolts imported are included under production (series L 78).

L 81-83. Domestic production, net imports, and new supply of pulpwood, 1900-1956.

Source: See source and text for series L 61, L 64, and L 67.

Domestic pulpwood production, net pulpwood imports, and the pulpwood equivalent of the net woodpulp and paper and paperboard imports have been converted to cubic-feet roundwood on the basis of 77 cubic feet per cord.

L 84. New supply of other products, 1900-1956.

Source: See source for series L 78-80.

"Other products" includes cooperage logs, poles and piling, fence posts, hewn ties, round mine timbers, box bolts, excelsior bolts, turnery bolts, shingle bolts, and a miscellaneous assortment of similar items. Fairly complete data are available for some of these items. For example, the Forest Service and the Bureau of the Census, either separately or jointly, published data which could be used to estimate the annual production of cooperage logs for 1905-1911, 1918-1919; biennially for 1919-1939; 1947 and 1952. Similar information covering about the same years was published by these two agencies for hewn ties and poles. For some products, particularly poles, data reported by the Forest Service in cooperation with the American Wood Preservers Association in *Food Preservation Statistics* were used as an indicator of production. Production estimates for mine timbers and other miscellaneous items have been based on periodic surveys made by the Forest Service or the Bureau of the Census. Imports of these products are small.

L 85-88. Stumpage prices for selected species, 1910-1956.

Source: Forest Service, records.

See also text for series L 6-14. All national-forest prices referred to are bid prices for timber sold on a Scribner Decimal-C log scale basis.

Stumpage prices of private timber sales and log prices were compiled by major species and principal producing regions during the period 1900-1934 and published by the Department of Agriculture in Technical Bulletin No. 626, *Stumpage Prices of Privately Owned Timber in the United States*. Comparable data for 1935-1943 and 1945 were published by the same agency in Statistical Bulletin Nos. 57, 62, 66, 71, 75, 76, 78, 79, 80, and 82. Prices shown in these publications were obtained through a mail canvass of timber sellers and buyers, such as independent loggers, sawmill operators, and other wood-using industries. The unit prices reported are of variable accuracy since exact information was lacking on timber volume, quality, accessibility, and other factors that determine stumpage and log prices. These data, however, constitute a comprehensive price series on private stumpage and log prices during earlier years and are considered useful in charting general trends and timber values.

Data on lumber values per thousand board feet, f.o.b. mill, are available for specified years in the Department of Agriculture Miscellaneous Publication No. 669, *Lumber Production in the United States, 1799-1946* (see text for series L 23-25). Data on lumber prices and price indexes have also been published by the Bureau of Labor Statistics since 1890. The publications of the Bureau of Labor Statistics vary in detail from year to year but in general give the average price, f.o.b. mill, or at some stated delivery point, for various species of lumber, by grade for major species. (For further detail on Bureau of Labor Statistics data, see text for series L 92-96.)

Douglas-fir figures (series L 85) for 1910-1931 represent national-forest timber sales of all species in Washington and Oregon; for 1932-1941, all species in western Washington and western Oregon; and for 1944-1956, national forest and Bureau of Land Management sales, Douglas-fir only, in western Washington and western Oregon.

Southern pine figures (series L 86) for 1910-1934 are stumpage prices of privately owned second growth southern pine timber as reported in Department of Agriculture Technical Bulletin No. 626, *Stumpage Prices of Privately Owned Timber in the United States*; for 1935-1949, national-forest timber sales for all southern species (most of which, however, were southern pine); and for 1950-1956, national-forest timber sales for southern pine only.

Sugar and ponderosa pine figures (series L 87 and L 88) represent national-forest timber sales for these species in California.

L 89-90. Douglas-fir log prices, 1910-1956.

Source: Forest Service, records.

For 1910-1932, data were derived from trade estimates as published in the magazine, *The Timberman*; for 1933-1956, data were derived from a compilation of average annual regional log values based on transactions shown in the Pacific Northwest Loggers Association report, *Composite Sale Analyses*.

L 91. Douglas-fir lumber prices (wholesale), 1910-1956.

Source: Forest Service, records.

Data for 1910-1929 were derived from Bureau of the Census or Forest Service reports (or both) on lumber; see text for series L 23-25. Data for 1930-1956, were derived from

publications of the West Coast Lumbermen's Association, which show average realization on lumber shipments, f.o.b. mill.

L 92. Wholesale price index for lumber, 1900-1957.

Source: 1900-1925, Forest Service, records; 1926-1957, Bureau of Labor Statistics, records.

Figures for 1900-1912, converted to a 1947-49 base by the Forest Service from an index (1935-39=100) of wholesale lumber prices published in Bureau of the Census, *Raw Materials in United States Economy, 1900-1952*. Figures for 1913-1925 were similarly converted from an index (1926=100) published in the Bureau of Labor Statistics, *Wholesale Price Indexes*.

The Bureau of Labor Statistics began publishing price data on lumber in 1890 with a series that showed wholesale prices per thousand board feet (with price indexes) for several important lumber species at designated points. In 1913, coverage was expanded and an index for all lumber was added.

L 93. Wholesale price index for plywood, 1936-1957.

Source: Forest Service, *Price Trends and Relationships for Forest Products*, 1957, p. 55.

The figures shown in the source for 1936-1946, are Forest Service estimates based on unpublished Bureau of Labor Statistics data; for 1947-1957, the figures were originally published by Bureau of Labor Statistics in *Wholesale Price Indexes*.

L 94. Wholesale price index for woodpulp, 1926-1957.

Source: 1926-1946, Forest Service, records (estimates based on unpublished Bureau of Labor Statistics data); 1947-1957, Bureau of Labor Statistics, *Wholesale Price Indexes*, various issues.

Woodpulp (sulfite domestic unbleached) figures were first published by the Bureau of Labor Statistics in 1913. In 1926, a more comprehensive series covering selected grades of woodpulp and an average wholesale price index was instituted. Between 1926 and 1957 a number of changes were made in coverage. In 1957, the Bureau of Labor Statistics coverage included wholesale prices and price indexes for five grades of woodpulp.

L 95. Wholesale price index for paper, 1926-1957.

Source: See source for series L 94.

Wholesale prices and price indexes for newsprint and manila wrapping paper were first collected and published by the Bureau of Labor Statistics in 1890. In 1926, a more compre-

hensive series along with an average wholesale price index covering selected grades of paper was instituted. Between 1926 and 1957 a number of minor changes were made in coverage. In 1957, the Bureau of Labor Statistics coverage included an all paper-price index, a price index for 10 grades of paper, and the average price for most of these grades.

L 96. Wholesale price index for paperboard, 1926-1957.

Source: See source for series L 94.

L 97. Lumber wholesale price index, 1798-1932.

Source: Cornell University Agricultural Experiment Station, *Wholesale Prices for 213 Years, 1720 to 1932, Memoir 142*, 1932, pt. I, pp. 107-119.

Prior to 1915, various lumber species at different delivery points were used in constructing this index. See source for further detail. For 1915-1932, the index numbers are based on the lumber index published by the Bureau of Labor Statistics.

L 98-105. Forest fires and area burned over, 1926-1956.

Source: Forest Service, *Forest Fire Statistics*, various annual issues.

Data are based upon reports submitted by the offices of the State Foresters, by the Regional Foresters of the Forest Service, the Department of Interior, and the Tennessee Valley Authority.

Protected area (series L 100-103) includes all forest lands that receive some organized fire protection. Unprotected area (series L 104-105) includes all forest lands not covered by organized fire protection.

The source publication also presents information by regions and States on areas needing protection, areas protected and unprotected, and areas burned on both protected and unprotected forest land by type of ownership, and size of fires on protected areas. No field organizations are available to report fires on unprotected areas and the statistics for these areas are generally less reliable than those for protected areas. No estimates are available for State and private lands in Arizona, Kansas, Nebraska, and Wyoming.

L 106-109. Expenditures for control of forest fires on Federal, State, and private lands, 1912-1956.

Source: See source for series L 98-105.

State and private expenditures (series L 108 and L 109) consist of expenditures for control under the Clarke-McNary section 2 program.

Series L 1-5. National Forest Areas and Purchases: 1905 to 1957

[Forest area data as of June 30; includes Alaska and Puerto Rico. Forest purchases for years ending June 30; includes Puerto Rico]

Year	Gross area of national forest and other lands ¹		Gross area approved for national forest purchase			Year	Gross area of national forest and other lands ¹		Gross area approved for national forest purchase		
	Within unit boundaries	Under Forest Service administration	Total area	Total price	Average price per acre		Within unit boundaries	Under Forest Service administration	Total area	Total price	Average price per acre
	1	2	3	4	5		1	2	3	4	5
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Acres</i>	<i>\$1,000</i>	<i>Dollars</i>		<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Acres</i>	<i>\$1,000</i>	<i>Dollars</i>
1957	231,293	188,013	17,519	416	23.74	1957	188,976	160,091	538,048	1,468	2.73
1956	232,118	188,117	21,376	372	17.42	1929	184,565	159,751	464,177	1,787	3.85
1955	235,728	188,120	18,665	192	10.30	1928	184,404	169,481	261,107	1,996	7.65
1954	235,694	188,138	7,761	109	14.02	1927	188,938	158,800	185,088	726	5.37
1953	229,112	181,568	7,969	99	12.46	1926	184,124	156,759	191,727	737	3.85
1952	229,165	181,293	10,181	106	10.42	1925	184,126	158,395	247,067	1,187	4.80
1951	229,258	181,255	25,317	265	10.46	1924	182,817	157,503	130,290	425	3.26
1950	229,341	181,205	61,078	532	8.71	1923	182,100	157,237	79,923	348	4.35
1949	229,175	180,895	60,719	464	7.65	1922	181,800	156,837	242,169	802	3.31
1948	228,936	180,528	103,490	739	7.15	1921	181,820	156,666	112,897	499	4.44
1947	228,810	180,264	380,471	2,190	5.76	1920	180,300	156,082	101,428	451	4.44
1946	228,760	179,726				1919	174,261	153,933	103,355	657	6.35
1945	228,703	179,381	5	1	194.00	1918	175,951	155,375	185,199	959	5.18
1944	228,643	179,101	9	1	66.02	1917	176,340	155,220	175,463	853	4.86
1943	228,633	178,508	8,759	38	4.31	1916	176,089	155,400	54,897	316	5.76
1942	228,725	178,340	243,522	1,103	4.53	1915	184,506	162,773	282,900	1,618	5.72
1941	228,309	177,653	195,318	805	4.11	1914	185,321	163,849	391,114	1,940	4.96
1940	228,174	176,779	553,077	2,203	3.98	1913	186,617	165,517	425,717	2,005	4.71
1939	228,784	176,494	534,138	2,275	4.26	1912	187,406	165,027	287,698	1,627	5.65
1938	227,280	175,238	800,113	2,713	3.39	1911	190,608	168,165			
1937	226,621	174,405	425,637	2,124	4.99	1910	192,931	168,029			
1936	197,435	165,979	2,891,040	11,592	4.01	1909	194,505	172,230			
1935	188,292	163,310	3,661,848	14,991	4.09	1908	167,977	147,820			
1934	188,037	162,591	4,206,317	10,018	2.38	1907	150,832	132,732			
1933	186,837	162,009	667,314	1,221	1.83	1906	106,994	94,159			
1932	186,215	161,361	83,086	206	2.48	1905	85,693	75,352			
1931	185,252	160,788	547,945	1,944	3.55						

¹ On January 2, 1954, some 6,910,000 acres of land utilization project lands were transferred to the Forest Service for administration.

Series L 6-14. Volume and Value of Timber Cut From National Forest Areas: 1905 to 1957

[Volume in millions of board feet; value in thousands of dollars. For years ending June 30 except as noted]

Year	Total		Commercial sales			Land exchange		Free use ²	
	Volume	Value ¹	Timber ³		Miscellaneous forest products, value ¹	Volume	Value	Volume	Value ⁴
			Volume	Value					
	6	7	8	9	10	11	12	13	14
1957	7,086	116,098	6,910	115,093	312	68	474	108	219
1956	7,011	98,107	6,813	96,865	268	94	755	104	219
1955	6,434	71,231	6,225	70,105	266	103	656	106	204
1954	5,474	65,887	5,180	64,149	255	185	1,259	109	224
1953	5,261	71,039	4,982	69,727	226	179	889	101	196
1952	4,516	59,759	4,232	58,275	193	186	1,066	98	225
1951	4,794	48,227	4,422	46,533	178	266	1,284	106	233
1950	3,623	31,140	3,195	29,084	211	307	1,630	121	215
1949	3,854	29,163	3,380	26,928	224	360	1,821	114	190
1948	3,875	21,389	3,451	19,842	145	307	1,212	116	189
1947	3,962	16,780	3,472	14,955	183	363	1,445	128	197
1946	2,868	11,811	2,470	10,494	150	260	997	138	170
1945	3,299	13,291	2,732	11,682	104	413	1,334	154	171
1944	3,514	14,517	2,840	12,416	150	493	1,739	181	213
1943	2,529	8,907	1,864	6,835	60	495	1,837	169	175
1942	2,424	6,429	1,560	4,523	79	645	1,586	219	241
1941	2,352	6,084	1,552	4,529	62	515	1,233	284	260
1940	2,066	5,168	1,371	3,825	57	369	982	326	304
1939	1,558	3,687	1,017	2,665	52	273	691	268	260
1938	1,589	3,539	1,075	2,662	52	213	547	301	279
1937	1,608	3,505	1,097	2,740	39	194	449	318	277
1936	1,314	2,892	815	2,119	30	206	471	293	272
1935	1,069	2,260	668	1,719	41	84	219	317	231
1934	923	1,845	599	1,397	26	76	213	248	210
1933	740	1,333	389	838	19	84	239	266	237
1932	882	1,767	545	1,326	21	67	193	270	227
1931	1,390	3,527	1,048	2,888	17	174	460	168	162
1930	1,769	4,930	1,488	4,340	23	165	449	116	117
1929	1,583	4,456	1,353	3,892	31	144	437	87	98
1928	1,354	3,610	1,168	3,209	12	104	299	82	90
1927	1,442	3,944	1,161	3,306	7	199	540	81	91
1926	1,281	3,477	1,193	3,371	10			88	97
1925	1,100	2,895	1,022	2,808	5			78	82
1924	1,233	3,203	1,144	3,095	14			89	94
1923	1,092	2,680	995	2,570	11			97	98
1922	812	1,859	723	1,752	8			90	99
1921	981	2,081	800	1,896	8			180	177
1920	898	1,887	805	1,764	10			88	113
1919	796	1,635	705	1,515	8			91	113

See footnotes at end of table.

FORESTS AND FOREST PRODUCTS

L 6-22

Series L 6-14. Volume and Value of Timber Cut in National Forest Areas: 1905 to 1957—Con.

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

Year	Total		Commercial sales, timber ²		Free use ³		Year	Total		Commercial sales, timber ²		Free use ³	
	Volume	Value ¹	Volume	Value	Volume	Value		Volume	Value ¹	Volume	Value	Volume	Value
	6	7	8	9	13	14		6	7	8	9	13	14
1918.....	827	1,655	730	1,527	97	123	1911.....	498	1,040	375	843	123	197
1917.....	850	1,633	786	1,533	113	150	1910.....	484	1,082	380	906	105	176
1916.....	714	1,439	595	1,255	119	185	1909.....	458	847	352	678	105	169
1915.....	689	1,386	566	1,179	123	207	1908.....	525	964	338	794	132	169
1914.....	747	1,454	626	1,271	121	183	1907.....	195	338	195	338	-----	-----
1913.....	617	1,267	496	1,075	122	192	1906.....	139	203	139	203	-----	-----
1912.....	555	1,139	431	943	123	197	1905.....	68	86	68	86	-----	-----

¹ Includes materials not measurable in board feet, such as Christmas trees, tanbark, turpentine, seedlings, Spanish moss, etc.

² Includes all timber sales for which a charge is made.

³ Calendar-year data, 1922 to 1932. Figures for 1921 are for July 1, 1920, to Dec. 31, 1921. Figures for both 1932 and 1933 include data for July 1 to Dec. 1, 1932.

⁴ For specified years which follow for 1934-1957, includes value of quantities not

reducible to board feet; value in dollars as follows: 1934, \$146; 1935, \$870; 1937, \$1,969; 1938, \$3,643; 1940, \$3,774; 1944, \$7,304; 1945, \$8,291; 1946, \$8,394; 1947, \$14,895; 1948, \$20,968; 1949, \$21,270; 1950, \$20,468; 1951, \$20,081; 1952, \$15,477; 1953, \$13,228; 1954, \$23,281; 1955, \$16,202; 1956, \$15,501; 1957, not available.

⁵ Includes land-exchange figures from beginning of exchange cuttings.

⁶ Estimated.

Series L 15-22. Receipts From National Forests, and Payments to States and Territories: 1905 to 1957

[In thousands of dollars. For years ending June 30]

Year	Receipts from national forests				Payments to States and Territories ²			
	Total receipts	Timber use ¹	Grazing use	Other use	Total	25-percent fund	Arizona and New Mexico school fund	State of Minnesota
	15	16	17	18	19	20	21	22
1957.....	111,589	106,873	2,682	2,034	27,123	26,975	105	48
1956.....	114,793	110,127	2,906	1,760	23,665	23,490	129	46
1955.....	79,521	75,044	2,958	1,524	19,573	19,413	114	46
1954.....	67,220	62,802	3,107	1,311	16,543	16,394	103	46
1953.....	75,369	69,889	4,416	1,064	18,965	18,697	123	45
1952.....	71,404	65,406	5,023	975	17,536	17,359	132	45
1951.....	57,560	52,511	4,166	883	14,126	13,974	107	45
1950.....	34,485	30,269	3,385	831	3,479	3,363	72	44
1949.....	32,038	27,889	3,276	873	7,853	7,753	61	44
1948.....	24,999	21,243	2,898	853	6,069	6,012	57	-----
1947.....	18,697	15,745	2,294	658	4,536	4,547	49	-----
1946.....	14,123	10,802	2,060	1,261	3,463	3,424	39	-----
1945.....	16,274	11,813	2,159	2,302	4,039	4,003	36	-----
1944.....	15,866	12,872	2,459	535	4,177	4,139	38	-----
1943.....	10,080	7,634	1,973	473	2,503	2,476	27	-----
1942.....	7,170	5,100	1,595	475	1,633	1,670	23	-----
1941.....	6,630	4,737	1,429	464	1,556	1,533	23	-----
1940.....	5,859	3,943	1,463	453	1,455	1,432	23	-----
1939.....	4,903	2,857	1,574	472	1,215	1,192	23	-----
1938.....	4,671	2,518	1,696	457	1,167	1,136	31	-----
1937.....	4,936	2,925	1,530	431	1,242	1,214	28	-----
1936.....	4,063	2,203	1,442	413	1,023	996	32	-----
1935.....	3,289	1,729	1,151	409	337	316	21	-----
1934.....	3,315	1,522	1,359	434	344	321	23	-----
1933.....	2,626	783	1,493	345	630	651	29	-----
1932.....	2,294	1,049	830	415	539	568	21	-----
1931.....	4,993	2,607	1,961	425	1,272	1,241	31	-----
1930.....	6,752	4,390	1,943	419	1,719	1,678	41	-----
1929.....	6,300	4,109	1,740	451	1,606	1,565	41	-----
1928.....	5,442	3,325	1,714	403	1,357	1,351	36	-----
1927.....	5,167	3,253	1,531	333	1,311	1,235	26	-----
1926.....	5,156	3,367	1,422	367	1,300	1,236	14	-----
1925.....	5,000	2,941	1,725	334	1,271	1,243	28	-----
1924.....	5,252	3,036	1,916	300	1,347	1,302	45	-----
1923.....	5,336	2,722	2,342	272	1,371	1,321	50	-----
1922.....	3,422	1,813	1,316	293	832	846	36	-----
1921.....	4,152	1,770	2,132	250	1,033	1,023	60	-----
1920.....	4,794	2,045	2,436	263	1,253	1,190	73	-----
1919.....	4,358	1,535	2,609	214	1,149	1,070	79	-----
1918.....	3,575	1,630	1,723	219	946	876	70	-----
1917.....	3,457	1,640	1,550	267	911	849	62	-----
1916.....	2,824	1,422	1,210	192	737	696	41	-----
1915.....	2,481	1,133	1,130	163	649	611	33	-----
1914.....	2,438	1,312	1,002	124	640	599	41	-----
1913.....	2,392	1,271	999	122	633	587	46	-----
1912.....	2,109	1,023	961	120	554	518	36	-----
1911.....	1,969	952	923	89	515	485	30	-----
1910.....	2,041	1,011	970	60	511	510	1	-----
1909.....	1,766	701	1,023	42	442	442	-----	-----
1908.....	1,738	811	947	30	447	447	-----	-----
1907.....	1,530	654	857	19	153	153	-----	-----
1906.....	758	238	513	7	76	76	-----	-----
1905.....	73	73	-----	-----	-----	-----	-----	-----

¹ Includes receipts from national-forest reworked Oregon and California Railroad Grant Lands beginning 1941 and Tongass (Alaska) Suspense Account beginning 1943.

² Payments made during years following collection of receipts.

Series L 23-35. Lumber Production, Imports, Exports, and New Supply: 1799 to 1956

[In millions of board feet, except per capita in board feet]

Year	Production			Imports				Exports				New supply	Per capita use	
	Total	Soft-woods	Hard-woods	Total	Soft-woods	Hard-woods	Mixed	Total	Soft-woods	Hard-woods	Mixed			
	23	24	25	26	27	28	29	30	31	32	33			
1956	37,698	29,890	7,808	3,441	3,165	273	3	762	545	140	77	39,474	234	
1955	37,380	29,815	7,565	3,599	3,327	266	6	844	652	189	3	40,217	244	
1954	36,856	29,282	7,074	3,066	2,855	208	3	723	585	133	5	39,065	241	
1953	36,742	29,582	7,180	2,771	2,527	233	11	644	513	130	1	38,060	239	
1952	37,482	30,234	7,228	2,487	2,267	215	5	735	566	162	7	39,618	252	
1951	37,204	29,498	7,711	2,517	2,260	248	9	998	876	122		37,952	245	
1950	38,007	30,633	7,374	3,432	3,140	283	9	517	407	110		40,722	263	
1949	32,176	26,472	5,704	1,574	1,425	137	12	667	534	133		34,402	231	
1948	37,000	29,600	7,400	1,880	1,652	217	11	647	462	88	97	36,331	243	
1947	35,404	27,937	7,467	1,811	1,092	214	5	1,352	972	186	194	33,863	235	
1946	34,112	26,856	8,256	1,239	1,020	206	13	649	518	98	38	33,498	237	
1945	28,122	21,140	6,982	1,063	882	164	17	435	239	117	29	30,595	219	
1944	32,953	25,190	7,778	1,000	819	159	22	360	235	96	29	34,630	250	
1943	34,233	26,917	7,327	856	704	135	17	310	201	77	32	33,735	234	
1942	36,332	29,510	6,822	1,540	1,396	114	30	463	235	96	32	43,373	325	
1941	36,538	29,667	6,871	1,361	1,183	167	11	693	509	146	38	36,223	271	
1940	31,159	25,622	5,537	718	607	117	16	972	748	168	56	34,307	260	
1939	28,753	23,291	5,464	740	605	102	11	1,104	828	254	22	28,409	217	
1938	24,825	19,955	4,870	530	459	70	1	977	709	266	2	23,643	182	
1937	29,004	23,148	5,856	638	573	114	1	1,443	1,056	354	8	25,844	201	
1936	27,626	22,025	5,601	662	570	92		1,284	947	335	2	25,699	201	
1935	22,944	18,196	4,748	438	380	58		1,313	1,003	307	3	23,349	163	
1934	18,326	14,613	4,208	297	244	27	23	1,349	1,063	254	2	17,764	141	
1933	17,151	13,786	3,365	359	309	27	23	1,281	956	294	1	16,229	130	
1932	13,524	10,802	2,722	351	352	15	14	1,156	911	241	4	12,749	102	
1931	19,997	15,886	4,111	749	702	25	22	1,701	1,353	334	14	19,045	153	
1930	29,358	23,223	6,130	1,219	1,148	40	81	2,352	1,912	417	23	28,225	229	
1929	38,745	30,536	8,209	1,543	1,412	124		3,197	2,638	450	19	37,091	305	
1928	36,750	29,852	6,898	1,468	1,372	96		3,244	2,739	494	21	34,974	290	
1927	37,250	29,975	7,275	1,745	1,634	111		3,063	2,609	418	36	35,932	302	
1926	39,750	32,073	7,677	1,899	1,776	123		2,526	2,424	361	41	38,823	330	
1925	41,000	33,234	7,716	1,846	1,735	111		2,612	2,194	373	45	40,234	347	
1924	39,500	31,549	7,951	1,743	1,657	86		2,743	2,320	346	32	38,495	337	
1923	41,000	33,220	7,780	1,971	1,863	103		2,466	2,051	316	69	40,505	333	
1922	35,250	28,922	6,328	1,564	530	24	1,010	1,953	1,632	250	71	34,861	317	
1921	29,000	23,444	5,556	839		9	830	1,333	1,192	146		28,501	233	
1920	35,000	27,610	7,390	1,351		12	1,339	1,712	1,496	216		34,639	323	
1919	34,552	27,407	7,145	1,149		5	1,144	1,486	1,112	374		34,215	325	
1918	31,330	25,667	6,223	1,209		3	1,206	1,093	903	190		32,006	306	
1917	35,331	29,174	6,657	1,204				1,169	969	137	63	35,866	347	
1916	39,307	31,332	8,475	1,227				1,235	1,095	94	96	39,749	330	
1915	37,012	29,485	7,527	1,060				1,300	1,056	159	85	36,772	336	
1914	40,500	31,431	9,019	919				2,095	1,707	237	151	39,324	337	
1913	44,000	34,065	9,935	970				3,031	2,441	334	206	41,939	431	
1912	45,000	34,635	10,305	1,026				2,913	2,239	355	319	43,113	453	
1911	43,000	33,020	9,980	840				2,703	999	154	1,550	41,137	433	
1910	44,500	34,029	10,471	950				2,342				43,108	463	
1909	44,510	33,897	10,613	931				1,970				43,531	431	
1908	42,000	31,945	10,055	769				1,309				40,960	462	
1907	46,000	34,846	11,054	907				2,270				44,637	513	
1906	46,000	34,900	11,100	1,009				2,037				44,922	523	
1905	43,500	32,960	10,540	801				1,732				42,519	507	
1904	43,000	32,533	10,462	631				1,953				41,673	507	
1903				649				1,393						
1902				737				1,441						
1901				537				1,543						
1900				525				1,662						
1899	35,073	26,372	8,706	674				1,439				34,263	453	
1898	27,039	20,025	7,014											
1897	18,125	13,334	4,791											
1896	12,756	9,253	3,503											
1895	8,029	5,802	2,227											
1894	5,392	4,075	1,317											
1893	1,604	1,275	329											
1892	850	702	143											
1891	550	469	81											
1890	400	344	56											
1799	300	263	37											

FORESTS AND FOREST PRODUCTS

L 36-44

Series L 36-44. Lumber Production, by Region: 1869 to 1954

[In millions of board feet]

Year	Total	New England	Middle Atlantic	Lake	Central	South Atlantic	South	Rocky Mountain	West Coast
	36	37	38	39	40	41	42	43	44
1954	36,856	991	1,154	865	2,277	3,775	7,814	2,960	17,020
1953	36,742	2,334		1,115	2,111	3,858	7,416	2,624	17,284
1952	37,462	2,244		1,279	2,033	3,886	8,800	2,498	17,222
1951	37,204	2,368		963	2,190	4,363	8,429	2,265	16,626
1950	38,007	1,073	1,080	1,065	2,396	4,502	9,383	2,449	16,108
1949	32,176	949	951	864	2,009	3,568	7,858	2,038	14,439
1948	37,000	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1947	35,404	1,141	1,183	1,310	2,460	3,577	9,397	2,120	14,216
1946	34,112	1,147	1,016	1,117	2,567	3,832	10,033	1,969	12,432
1945	28,122	967	917	923	2,321	2,986	7,940	1,596	10,522
1944	32,938	1,087	986	1,228	2,875	3,560	8,207	1,854	13,141
1943	34,289	939	902	1,994	2,851	3,679	9,396	1,733	13,244
1942	36,332	1,085	860	1,247	2,690	3,989	10,886	1,841	13,786
1941	36,538	1,087	934	1,226	2,935	4,113	10,566	1,754	13,918
1940	31,159	930	798	1,015	2,507	3,285	9,393	1,533	11,693
1939	28,755	1,064	811	954	2,460	3,006	8,339	1,378	10,693
1938	24,825	805	715	880	1,910	3,040	7,645	1,229	8,601
1937	29,004	873	795	1,150	2,190	2,980	8,555	1,621	10,840
1936	27,626	848	750	1,110	2,155	2,760	8,265	1,441	10,297
1935	22,944	772	647	970	1,870	2,460	7,085	1,186	7,953
1934	18,826	721	740	740	1,710	2,150	5,540	916	6,459
1933	17,151	526	489	500	1,290	2,110	5,395	704	6,147
1932	13,524	499	473	430	1,120	1,760	4,125	572	4,565
1931	19,997	609	605	910	1,510	2,110	5,860	900	7,494
1930	29,358	836	720	1,500	2,030	2,800	9,290	1,522	10,670
1929	38,745	887	850	1,900	2,720	3,360	12,975	1,904	14,149
1928	36,750	765	497	1,859	2,454	3,166	12,448	1,844	13,717
1927	37,250	722	585	1,862	2,678	3,251	12,376	1,795	13,482
1926	39,750	834	675	2,127	2,835	3,476	13,739	1,725	14,289
1925	41,000	907	717	2,524	2,777	3,523	15,212	1,971	13,368
1924	39,500	1,050	773	2,447	3,066	3,635	14,748	1,758	12,024
1923	41,000	1,090	854	2,507	3,095	3,992	14,767	1,868	12,825
1922	35,250	959	836	2,052	2,729	3,417	13,169	1,474	10,613
1921	29,000	1,133	864	1,839	2,172	2,784	12,015	979	7,215
1920	35,000	1,206	1,105	2,414	3,044	3,213	11,914	1,744	10,355
1919	34,552	1,418	1,166	2,692	3,038	3,374	12,704	1,342	8,813
1918	31,890	1,412	962	3,220	2,513	2,640	11,135	1,419	8,590
1917	35,831	1,462	1,026	3,525	2,633	3,265	13,900	1,400	8,571
1916	39,307	1,823	1,292	4,050	3,336	4,292	15,325	1,553	8,136
1915	37,012	2,115	1,660	3,410	3,705	4,390	13,590	1,372	6,770
1914	37,346	1,966	1,537	3,918	3,634	4,417	13,334	1,359	7,082
1913	38,337	1,672	1,425	3,866	3,953	3,983	14,329	1,266	7,892
1912	39,158	1,981	1,732	4,424	4,337	4,580	13,538	1,277	7,239
1911	37,008	1,863	1,771	4,714	4,298	3,743	12,232	1,304	7,087
1910	40,018	1,989	1,935	5,030	4,752	4,134	13,249	1,402	7,443
1909	44,510	2,668	2,529	5,476	5,625	5,177	14,796	1,323	6,916
1908	38,224	2,393	2,229	4,378	4,093	2,396	10,711	1,130	5,390
1907	40,256	2,769	2,838	5,492	5,073	3,634	12,341	1,244	6,764
1906	37,551	2,453	2,732	6,220	3,972	2,353	10,996	1,062	7,259
1905	30,503	1,690	2,341	6,189	2,974	2,262	8,233	567	6,241
1904	34,127	2,040	2,562	6,572	4,254	2,373	10,499	761	4,562
1899	35,073	2,204	3,506	3,750	6,011	2,712	8,404	533	2,901
1889	27,039	1,717	3,679	9,970	4,130	1,207	3,375	310	2,151
1879	18,125	1,431	3,139	6,234	3,323	746	1,755	133	664
1859	12,756	1,401	3,157	3,592	2,693	364	923	63	553

¹ Not available.

Series L 45-60. Lumber Production, by Principal Species: 1869 to 1956

(In millions of board feet)

Year	Total production	Softwoods								Hardwoods						
		Total	Douglas fir	Southern pine	Western pine ¹	Hemlock	Redwood	Eastern white pine	Other softwoods	Total	Oak	Yellow poplar	Sweet-gum	Maple	Cottonwood and aspen	Other hardwoods
1956	37,698	29,890	10,195	7,399	4,279	1,322	1,125	848	4,722	7,808	3,837	743	484	593	220	1,931
1955	37,380	29,815	10,414	7,360	4,362	1,568	991	796	4,324	7,565	3,716	690	529	568	327	1,735
1954	36,356	29,232	10,328	7,332	4,544	1,337	958	1,086	3,746	7,074	3,451	592	522	575	280	1,653
1953	36,742	29,562	10,367	7,581	4,506	1,441	969	1,064	3,634	7,180	3,339	709	530	551	406	1,645
1952	37,462	30,234	10,569	8,572	4,142	1,525	900	976	3,550	7,228	3,353	671	567	566	404	1,667
1951	37,204	29,493	10,372	8,495	(²)	1,502	860	(²)	3,264	7,711	3,590	753	792	584	241	1,751
1950	38,007	30,633	9,984	9,939	4,632	1,508	875	950	2,745	7,374	3,347	833	758	546	225	1,665
1949	32,178	26,472	9,074	8,259	4,491	1,177	744	820	1,907	5,704	2,518	556	515	508	217	1,330
1948	37,000	29,600	9,794	(³)	4,926	(³)	793	(³)	(³)	7,400	(³)	(³)				
1947	35,404	27,937	9,043	9,473	4,534	1,244	530	1,119	1,995	7,467	3,193	636	803	630	381	1,824
1946	34,112	25,857	7,640	9,376	4,314	1,216	243	1,165	1,903	8,256	3,378	827	1,080	598	312	2,061
1945	28,122	21,140	6,237	7,210	3,596	1,039	444	1,023	1,589	6,982	2,859	578	971	522	209	1,759
1944	32,938	25,160	7,964	8,132	4,465	1,201	462	1,244	1,792	7,778	3,292	641	1,017	634	297	1,893
1943	34,289	26,917	7,951	9,962	4,568	1,213	461	1,045	1,718	7,371	3,088	589	1,044	581	244	1,875
1942	36,332	29,510	8,560	11,761	4,830	1,089	462	1,083	1,736	8,822	2,763	543	840	642	233	1,753
1941	33,613	25,032	8,532	10,339	5,196	1,005	456	916	1,589	5,581	2,208	433	589	619	231	1,501
1940	28,934	24,903	7,121	10,163	4,571	716	389	577	1,366	4,031	1,467	376	479	463	154	1,092
1939	25,148	21,408	6,494	7,749	4,214	665	345	454	1,261	3,741	1,432	276	333	445	130	1,067
1938	21,646	18,233	5,216	7,196	3,474	578	317	408	1,104	3,353	1,204	221	454	389	140	946
1937	25,997	21,589	6,555	7,691	4,264	862	436	449	1,331	4,408	1,582	299	578	525	146	1,273
1936	24,355	20,242	6,321	7,113	3,861	813	403	442	1,290	4,113	1,535	260	606	490	137	1,085
1935	19,539	16,243	4,772	5,960	3,209	578	329	333	1,016	3,291	1,195	182	482	404	98	931
1934	15,494	12,735	4,066	4,473	2,304	478	282	338	745	2,758	1,083	163	393	311	109	700
1933	13,961	11,899	3,969	4,446	2,082	416	164	236	586	2,062	698	111	386	221	108	539
1932	10,151	8,746	3,069	3,069	1,590	337	136	198	512	1,406	516	86	202	160	49	332
1931	16,523	13,852	4,643	4,430	2,364	960	211	305	933	2,671	954	172	343	328	77	796
1930	26,051	21,323	6,453	7,450	3,375	1,517	403	564	1,560	4,729	1,662	258	694	601	158	1,355
1929	36,386	29,813	8,689	11,630	4,207	2,099	486	866	1,994	7,073	2,574	436	1,104	824	165	1,970
1928	34,142	28,345	8,449	10,610	3,837	2,222	487	838	1,902	5,797	1,830	323	968	743	144	1,785
1927	34,532	28,443	8,443	10,891	3,614	2,071	570	824	2,029	6,090	2,013	335	1,101	774	104	1,764
1926	36,936	30,469	8,807	11,752	3,964	2,159	488	911	2,390	6,467	2,191	322	1,133	829	122	1,870
1925	38,339	31,710	8,154	13,236	3,949	2,140	511	1,031	2,690	6,628	2,129	376	1,101	922	142	1,959
1924	35,931	29,406	7,462	12,487	3,847	1,879	604	1,056	2,571	6,525	2,077	351	1,071	857	167	2,003
1923	37,166	30,904	8,223	12,949	3,511	1,873	592	1,109	2,647	6,262	2,023	353	1,016	842	158	1,864
1922	31,569	26,644	6,332	11,501	2,700	1,535	566	972	2,540	4,925	1,605	274	808	640	114	1,433
1921	26,961	22,186	4,642	10,960	1,853	1,201	468	998	2,064	4,775	1,592	235	633	610	122	1,532
1920	29,378	24,254	6,967	8,964	2,785	1,685	476	1,039	2,347	5,624	1,854	270	685	768	138	1,909
1919	34,552	27,407	5,902	13,063	2,203	1,755	410	1,425	2,648	7,145	2,708	329	851	857	144	2,255
1918	29,362	24,100	5,819	9,942	2,113	1,696	443	1,687	2,393	5,262	1,659	242	652	697	148	1,866
1917	33,193	27,130	5,351	12,433	2,267	1,968	487	1,794	2,779	6,063	1,968	326	731	802	179	2,053
1916	34,791	28,576	5,413	13,411	2,262	1,987	491	1,952	3,061	6,215	2,165	395	652	809	135	2,059
1915	31,242	25,441	4,122	12,177	1,810	2,026	419	1,372	3,015	5,801	2,070	377	478	771	138	1,966
1914	37,346	29,407	4,764	14,473	1,808	2,166	535	2,307	3,355	7,939	3,279	519	675	910	195	2,361
1913	33,387	30,303	5,556	14,339	1,768	2,320	510	2,229	3,080	8,034	3,212	620	773	901	209	2,370
1912	39,153	30,526	5,175	14,737	1,737	2,427	497	2,775	3,179	8,632	3,319	623	694	1,021	227	2,747
1911	37,003	28,902	5,064	12,897	1,808	2,555	490	2,904	3,194	8,101	3,098	659	533	952	199	2,610
1910	40,018	31,161	5,204	14,143	1,940	2,336	543	3,104	3,390	8,857	3,522	785	610	1,007	220	2,763
1909	44,510	33,897	4,856	16,277	1,626	3,051	522	3,695	3,669	10,613	4,414	858	707	1,107	266	3,261
1908	33,224	25,546	3,675	11,236	1,522	2,531	405	3,198	2,979	7,678	2,772	654	589	875	232	2,556
1907	40,256	31,001	4,749	13,215	1,747	3,373	569	4,088	3,260	9,255	3,719	863	689	939	293	2,752
1906	37,551	30,235	4,970	11,661	1,636	3,537	660	4,469	3,303	7,315	2,820	633	454	833	264	2,211
1905	30,503	24,915	4,319	8,772	1,227	2,804	412	4,368	2,512	5,538	1,834	583	317	609	236	2,010
1904	34,127	27,345	2,923	11,522	1,402	3,269	519	5,316	2,390	6,782	2,903	854	524	538	322	1,592
1899	35,078	28,179	1,739	9,670	1,011	3,421	360	7,747	2,231	8,398	4,553	1,118	299	662	417	1,850
1898	27,039	20,024	1,206	4,220	741	2,533	-----	9,409	1,915	7,015	3,304	733	69	636	-----	1,723
1879	18,125	13,334	239	2,379	366	1,200	-----	7,363	1,237	4,791	2,943	496	24	447	-----	831
1869	12,756	9,252	196	1,378	321	770	-----	5,770	817	3,504	2,014	320	4	410	-----	756

¹ Includes Idaho white pine, ponderosa pine, sugar pine, and lodgepole pine.² Lodgepole pine included in other softwoods.³ Separate data not available, included in other softwoods.⁴ Forest Service estimates.⁵ Not available.⁶ Includes some lumber not distributed by species.⁷ Data for eastern species represent Forest Service estimates; all other reported by Bureau of the Census.

FORESTS AND FOREST PRODUCTS

L 61-71

Series L 61-71. Pulpwood, Woodpulp, Paper and Paperboard, Turpentine and Rosin Production, Net Imports, and New Supply: 1809 to 1956

[In thousands]

Year	Pulpwood			Woodpulp			Paper and paperboard			Domestic production of turpentine and rosin ¹	
	Domestic production	Net imports	New supply ²	Domestic production	Net imports	New supply	Domestic production	Net imports	New supply	Turpentine	Rosin
	61	62	63	64	65	66	67	68	69	70	71
	<i>Cords</i>	<i>Cords</i>	<i>Cords</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>50-gal. bbl.</i>	<i>Drums, 520 lb. net</i>
1956	35,196	1,880	35,749	22,131	1,800	23,931	31,428	5,081	36,509	645	1,769
1955	30,948	1,869	33,356	20,740	1,579	22,319	30,154	4,629	34,788	658	1,822
1954	26,972	1,588	29,436	18,256	1,608	19,864	26,876	4,508	31,379	618	1,870
1953	26,819	1,587	28,140	17,537	1,996	19,533	26,667	4,756	31,323	588	1,745
1952	25,065	2,298	26,476	16,473	1,729	18,202	24,423	4,599	29,022	565	1,721
1951	25,128	2,687	26,522	16,524	2,159	18,683	26,048	4,517	30,565	684	2,049
1950	20,712	1,807	23,627	14,849	2,290	17,138	24,375	4,636	29,011	709	2,137
1949	17,619	1,639	19,945	12,207	1,641	13,848	20,315	4,379	24,694	673	2,024
1948	20,026	2,268	21,189	12,872	2,082	14,956	21,897	4,185	26,082	659	2,076
1947	18,542	1,998	19,714	11,946	2,192	14,138	21,114	3,847	24,761	641	1,991
1946	16,982	1,942	17,818	10,607	1,766	12,373	19,278	3,233	22,510	570	1,720
1945	15,253	1,688	16,913	10,167	1,619	11,786	17,371	2,295	19,665	488	1,452
1944	15,349	1,680	16,758	10,108	853	10,962	17,183	2,262	19,445	471	1,318
1943	18,580	1,676	16,645	9,680	1,005	10,685	17,086	2,401	19,437	508	1,463
1942	14,902	2,158	17,275	10,783	858	11,642	17,084	2,697	19,780	560	1,656
1941	14,176	2,208	16,579	10,375	829	11,205	17,762	2,659	19,421	549	1,708
1940	12,369	1,374	13,743	8,960	744	9,708	14,484	2,274	16,757	566	1,717
1939	9,735	1,081	10,816	6,993	1,887	8,881	13,510	2,439	15,949	605	1,814
1938	7,953	1,241	9,194	5,984	1,570	7,558	11,381	2,162	13,542	709	2,077
1937	8,895	1,499	10,394	6,573	2,072	8,645	12,837	3,191	16,028	700	2,081
1936	7,527	1,189	8,716	5,695	2,084	7,779	11,976	2,675	14,651	635	1,866
1935	6,591	1,037	7,628	4,926	1,761	6,687	10,479	2,279	12,758	603	1,821
1934	5,980	817	6,797	4,436	1,663	6,099	9,187	2,102	11,289	602	1,783
1933	5,964	618	6,582	4,276	1,862	6,139	9,190	1,726	10,916	622	1,838
1932	4,891	742	5,633	3,760	1,484	5,194	7,998	1,729	9,727	573	1,659
1931	5,985	738	6,723	4,409	1,543	5,952	9,382	1,965	11,347	564	1,613
1930	6,099	1,096	7,196	4,630	1,782	6,412	10,169	2,149	12,319	685	1,972
1929	6,412	1,233	7,645	4,863	1,827	6,690	11,140	2,271	13,411	724	2,070
1928	5,795	1,366	7,160	4,511	1,721	6,232	10,408	2,048	12,451	649	1,867
1927	5,527	1,224	6,751	4,313	1,644	5,957	10,002	1,923	11,925	737	2,093
1926	5,490	1,277	6,766	4,395	1,697	6,092	9,794	1,790	11,584	589	1,680
1925	5,005	1,088	6,094	3,962	1,626	5,588	9,002	1,415	10,417	545	1,516
1924	4,720	1,048	5,768	3,723	1,491	5,214	7,930	1,351	9,281	566	1,610
1923	4,637	1,236	5,873	3,789	1,360	5,149	7,871	1,323	9,194	616	1,695
1922	4,499	1,050	5,549	3,522	1,234	4,756	6,875	990	7,865	558	1,542
1921	3,740	817	4,557	2,876	669	3,544	5,333	694	6,027	500	1,366
1920	5,015	1,100	6,114	3,822	874	4,696	7,185	454	7,640	510	1,358
1919	4,446	1,082	5,478	3,513	596	4,114	5,966	287	6,253	393	1,088
1918	4,506	745	5,251	3,314	556	3,870	5,933	337	6,275	359	997
1917	4,706	774	5,480	3,510	639	4,149	5,804	250	6,054	502	1,378
1916	4,445	784	5,229	3,435	644	4,079				626	1,697
1915					548					537	1,443
1914	3,641	880	4,471	2,893	663	3,556	5,153	243	5,395	566	1,519
1913					522					695	1,902
1912					526					730	1,984
1911	3,390	938	4,328	2,686	553	3,239				664	1,777
1910	3,147	948	4,094	2,534	498	3,032				617	1,649
1909	3,208	794	4,002	2,496	361	2,857	4,121	*19	4,108	600	1,600
1908	2,652	695	3,347	2,119	239	2,358				750	2,000
1907	3,087	925	3,983	2,548	284	2,832				585	1,824
1906	2,922	739	3,661							588	1,566
1905	2,547	645	3,192							590	1,571
1904	2,477	574	3,051	1,922	169	2,091	3,107	*78	3,029	600	1,600
1903										545	1,452
1902										581	1,548
1901										600	1,600
1900										620	1,652
1899	1,617	369	1,986	1,180	37	1,216	2,168		2,168		
1898	583			306			935				
1879	41			23			452				
1869	2			1			*386				
1859							127				
1849							*78				
1839							*38				
1819							*12				
1809							*3				

¹ Includes changes in stocks 1941-1956 partly estimated by the Bureau of the Census and partly by the Forest Service.
² Crop year beginning April 1.

³ Net exports.
⁴ Estimated from values reported by the Bureau of the Census.

Series L 72-84. Production, Net Imports, and New Supply of Industrial Timber Products, From Roundwood: 1900 to 1956

[In millions of cubic feet. Excludes fuelwood. Rounded to the nearest 5 million]

Year	Total			Saw logs			Veneer logs			Pulpwood			Other products, new supply
	Domestic production	Net imports	New supply	Domestic production	Net imports	New supply ¹	Domestic production	Net imports	New supply	Domestic production	Net imports	New supply ²	
	72	73	74	75	76	77	78	79	80	81	82	83	
1956	9,645	1,375	10,770	5,860	420	6,135	580	50	630	2,475	905	3,275	730
1955	9,355	1,295	10,705	5,810	430	6,250	575	45	625	2,190	820	3,050	780
1954	8,770	1,195	10,080	5,650	365	6,070	490	85	520	1,890	795	2,750	740
1953	8,825	1,225	9,945	5,710	330	5,915	475	20	500	1,885	870	2,780	750
1952	8,750	1,160	9,890	5,820	275	6,140	420	10	430	1,810	875	2,620	700
1951	8,745	1,205	9,780	5,780	235	5,895	395	10	405	1,845	955	2,705	730
1950	8,535	1,385	9,975	5,905	455	6,330	345	0	350	1,510	925	2,520	770
1949	7,355	935	8,550	5,000	140	5,345	320	(*)	820	1,290	790	2,135	745
1948	8,380	1,080	9,075	5,750	190	5,645	290	(*)	295	1,490	885	2,290	850
1947	8,100	815	8,615	5,500	*5	5,260	275	*5	265	1,385	825	2,145	940
1946	7,720	810	8,255	5,295	90	5,200	255	*5	250	1,275	720	1,910	890
1945	6,615	680	7,570	4,365	100	4,745	250	*10	240	1,150	590	1,740	845
1944	7,460	560	8,170	5,115	100	5,385	270	*10	260	1,170	470	1,620	905
1943	7,565	575	8,775	5,325	85	6,020	280	*15	265	1,035	505	1,570	920
1942	8,090	720	9,840	5,645	170	6,830	305	*5	300	1,140	555	1,715	1,000
1941	8,060	650	8,570	5,680	105	5,630	265	*5	260	1,085	550	1,655	1,030
1940	6,990	400	7,925	4,845	*35	5,340	235	*5	230	950	440	1,390	965
1939	6,935	535	6,930	4,470	*60	4,410	210	(*)	210	750	595	1,345	965
1938	5,585	475	5,950	3,860	*70	3,680	195	(*)	195	610	540	1,155	920
1937	6,410	610	6,645	4,505	*115	4,015	195	*5	195	685	780	1,415	1,020
1936	6,015	560	6,370	4,295	*95	3,995	165	*5	160	580	660	1,240	975
1935	5,115	425	5,740	3,565	*135	3,630	145	*5	140	505	565	1,070	895
1934	4,370	345	4,710	2,925	*165	2,760	130	*5	125	460	510	975	855
1933	4,080	345	4,425	2,665	*145	2,520	125	(*)	120	460	490	950	835
1932	3,425	315	3,740	2,100	*120	1,980	120	(*)	115	375	435	815	830
1931	4,665	325	4,990	3,105	*150	2,960	125	*5	120	460	475	985	970
1930	6,385	375	6,755	4,560	*175	4,385	155	*5	150	470	555	1,025	1,195
1929	8,090	325	8,415	6,020	*255	5,765	200	*5	195	495	585	1,080	1,380
1928	7,720	280	8,000	5,710	*275	5,435	175	*5	175	445	555	1,005	1,385
1927	7,525	315	8,140	5,790	*205	5,585	175	(*)	170	425	520	945	1,435
1926	8,235	370	8,610	6,180	*145	6,085	145	-----	145	425	515	940	1,490
1925	8,390	390	8,720	6,375	*120	6,255	135	-----	135	385	450	835	1,495
1924	8,270	270	8,545	6,140	*155	5,980	115	-----	115	365	425	790	1,655
1923	8,550	340	8,990	6,375	*75	6,295	115	-----	115	355	415	770	1,705
1922	7,610	295	7,900	5,480	*60	5,420	90	-----	90	345	355	700	1,695
1921	6,585	145	6,735	4,505	*80	4,430	75	-----	75	290	225	515	1,720
1920	7,800	195	7,995	5,440	*55	5,380	80	-----	80	385	250	640	1,890
1919	7,735	125	7,860	5,370	*55	5,315	105	-----	105	340	180	520	1,915
1918	7,320	180	7,500	4,955	20	4,975	95	-----	95	345	180	510	1,920
1917	7,955	170	8,125	5,570	5	5,575	90	-----	90	360	165	530	1,930
1916	8,545	165	8,710	6,185	*10	6,175	90	-----	90	340	175	515	1,930
1915	8,035	*130	8,165	5,750	*95	5,715	85	-----	85	315	170	480	1,885
1914	8,580	*15	8,565	6,290	*185	6,110	85	-----	85	280	170	450	1,925
1913	9,185	*165	9,020	6,835	*320	6,510	80	-----	80	275	155	430	1,995
1912	9,350	*145	9,205	6,990	*295	6,695	80	-----	80	270	150	415	2,015
1911	9,040	*150	8,890	6,680	*290	6,385	80	-----	80	260	140	400	2,020
1910	9,315	*80	9,235	6,910	*215	6,695	90	-----	90	240	135	375	2,075
1909	9,290	*50	9,240	6,910	*155	6,760	80	-----	80	245	105	350	2,050
1908	8,725	*80	8,645	6,520	*160	6,360	70	-----	70	205	80	285	1,930
1907	9,555	*115	9,440	7,145	*215	6,930	65	-----	65	235	100	335	2,110
1906	9,225	*95	9,130	7,145	*170	6,975	60	-----	60	225	75	300	1,800
1905	8,625	*90	8,535	6,755	*155	6,600	35	-----	35	195	65	260	1,640
1904	8,490	*150	8,340	6,675	*205	6,470	20	-----	20	190	60	250	1,600
1903	8,215	*140	8,075	6,445	*195	6,255	15	-----	15	175	55	230	1,675
1902	7,880	*60	7,820	6,180	*110	6,070	10	-----	10	160	50	210	1,625
1901	7,580	*110	7,470	5,930	*150	5,780	5	-----	5	150	40	190	1,490
1900	7,285	*140	7,140	5,680	*175	5,505	5	-----	5	135	35	170	1,460

¹ Includes changes in stocks beginning in 1935.² Includes changes in stocks beginning in 1941.

* Less than 2.5 million cubic feet.

* Net exports.

Series L 85-91. Stumpage, Log, and Lumber Prices for Selected Species: 1910 to 1956

[In dollars per thousand board feet]

Year	Stumpage prices				Douglas-fir log prices		Douglas-fir lumber prices (wholesale)	Year	Stumpage prices				Douglas-fir log prices		Douglas-fir lumber prices (wholesale)
	Douglas-fir	Southern pine	Sugar pine	Ponderosa pine	Saw logs	Peeler logs ¹			Douglas-fir	Southern pine	Sugar pine	Ponderosa pine	Saw logs	Peeler logs ¹	
	85	86	87	88	89	90			91	85	86	87	88	89	
1956	37.70	37.40	34.90	27.20	55.00	99.10	81.20	1945	5.00	9.30	7.30	5.60	-----	-----	39.00
1955	28.90	32.00	30.00	26.10	52.20	96.30	80.90	1944	5.20	10.90	5.20	4.00	-----	-----	38.30
1954	16.20	29.70	31.20	27.20	48.10	94.80	72.20	1943	-----	8.70	4.20	5.00	-----	-----	38.10
1953	20.20	34.20	30.20	25.90	48.00	96.30	73.10	1942	-----	8.90	4.80	2.70	-----	-----	35.30
1952	25.80	38.50	36.40	27.40	50.60	96.00	78.80	1941	3.60	10.80	3.40	2.60	17.00	32.00	29.40
1951	25.40	34.60	40.40	33.60	47.90	96.50	80.50	-----	-----	-----	-----	-----	-----	-----	-----
1950	16.40	26.70	25.00	18.30	44.70	89.40	73.30	1940	2.30	4.50	3.00	2.20	15.50	28.00	22.20
1949	11.10	19.70	18.90	17.60	39.00	74.90	61.20	1939	-----	5.80	3.10	2.40	14.50	27.50	20.00
1948	19.90	16.40	16.20	14.60	39.30	79.70	77.20	1938	2.50	7.30	3.50	2.50	14.50	29.00	19.10
1947	9.90	10.90	12.50	8.30	33.70	56.40	70.60	1937	1.60	5.30	2.80	2.20	15.50	27.50	22.20
1946	6.60	8.90	7.20	5.80	-----	-----	45.50	1936	2.10	-----	2.80	2.20	14.00	25.00	19.50

¹ Includes logs used in manufacture of veneer.

FORESTS AND FOREST PRODUCTS

L 85-97

Series L 85-91. Stumpage, Log, and Lumber Prices for Selected Species: 1910 to 1956—Con.

[In dollars per thousand board feet]

Year	Stumpage prices				Douglas-fir log prices, saw logs	Douglas-fir lumber prices (wholesale)	Year	Stumpage prices				Douglas-fir log prices, saw logs	Douglas-fir lumber prices (wholesale)
	Douglas-fir	Southern pine	Sugar pine	Ponderosa pine				Douglas-fir	Southern pine	Sugar pine	Ponderosa pine		
	85	86	87	88				85	86	87	88		
1935	1.70	4.50	3.10	2.40	11.50	17.30	1922	2.50	2.80	3.80	4.00	15.00	21.00
1934	1.60	2.90	3.50	2.50	11.00	17.20	1921	1.90	3.70	4.20	3.20	14.50	18.00
1933	1.20	2.70			9.50	14.60							
1932	1.70	2.80	3.70	2.60	9.50	11.50	1920	1.80	4.40	5.00	3.70	22.00	34.90
1931	2.90	3.40	4.60	4.20	11.00	18.60	1919	2.40	3.70	3.40	3.00	17.00	24.90
							1918	1.80	3.00	3.40	2.70	14.50	19.50
1930	3.30	3.20	6.30	3.60	15.50	17.80	1917	1.60	3.40	2.80	2.20	11.00	16.20
1929	2.70	3.50	4.60	3.60	16.00	20.60	1916	1.20	3.20	3.50	2.90	8.50	10.80
1928	2.90	3.60	3.20	2.50	15.50	19.40							
1927	2.50	3.50	4.00	3.40	15.00	19.80	1915	2.90	2.10	3.40	2.50	7.00	10.60
1926	2.20	3.60	4.50	3.70	16.00	20.40	1914	1.60	2.90	3.00	2.00	7.50	
							1913	1.70	1.70	3.80	2.20	8.50	
1925	2.10	3.20	4.40	3.60	15.00	21.10	1912	2.30	1.50	3.50	2.70	8.00	11.50
1924	2.20	3.50	4.20	3.50	16.00	22.40	1911	2.30	2.80	2.50	2.50	8.00	11.00
1923	2.50	3.00	4.40	3.90	18.50	27.30	1910	2.20	1.50	4.30	3.60	9.00	18.00

Series L 92-96. Wholesale Price Indexes of Selected Timber Products: 1900 to 1957

[1947-49 = 100]

Year	Lumber	Plywood ¹	Woodpulp	Paper	Paper-board	Year	Lumber	Woodpulp	Paper	Paper-board	Year	Lumber
	92	93	94	95	96		92	94	95	96		92
1957	119.7	88.7	118.8	141.9	186.8	1985	27.2	32.6	56.6	41.4	1917	24.7
1956	127.2	97.4	117.7	137.8	184.8	1984	28.1	35.3	56.4	47.4	1916	18.9
1955	124.4	106.1	112.9	129.8	127.1	1983	23.5	29.5	54.0	41.2		
1954	117.8	103.0	109.6	126.6	124.5	1982	19.4	28.9	55.6	31.4	1915	16.7
1953	119.3	107.1	109.0	125.6	124.3	1981	23.1	35.9	60.6	31.6	1914	17.1
1952	120.5	107.2	111.5	124.0	127.4						1913	18.5
1951	123.6	117.3	114.4	119.1	131.8	1980	28.5	38.9	62.6	37.3	1912	17.5
						1929	31.2	40.0	62.7	44.5	1911	16.3
1950	114.5	112.0	95.6	106.5	105.0	1928	30.1	40.1	63.9	48.4		
1949	98.2	97.2	97.0	103.8	98.8	1927	30.9	41.8	64.4	52.9	1910	16.6
1948	107.3	118.5	107.3	102.8	102.0	1926	33.2	45.2	70.4	50.2	1909	16.7
1947	94.5	89.3	95.6	93.4	99.2						1908	16.7
1946	59.3	64.2	70.2	78.6	71.2	1925	34.5				1907	18.0
						1924	34.0				1906	17.9
1945	51.5	43.7	63.5	71.9	64.6	1923	38.3					
1944	50.9	43.7	62.8	71.2	62.0	1922	33.9				1905	14.7
1943	47.0	42.8	53.2	69.8	60.6	1921	30.5				1904	13.8
1942	44.2	38.8	58.1	68.0	56.3						1903	14.7
1941	40.7	39.1	56.0	66.3	54.7	1920	56.6				1902	13.8
						1919	38.7				1901	13.1
1940	34.2	35.1	50.7	63.1	48.6	1918	28.6				1900	18.1
1939	31.0	33.7	33.3	60.2	42.5							
1938	29.0	32.9	38.7	61.8	41.4							
1937	33.1	33.5	52.8	60.6	43.9							
1936	28.9	33.6	34.0	57.0	41.5							

¹ Softwood plywood, interior grade A-D.

Series L 97. Lumber Wholesale Price Index: 1798 to 1932

[1910-14 = 100]

Year	Index												
	97		97		97		97		97		97		97
1932	115	1912	102	1893	60	1875	66	1855	51	1836	32	1816	35
1931	136	1911	98	1892	59	1874	72	1854	48	1835	31	1815	37
				1891	61	1873	75	1853	47	1834	31	1814	27
1930	167	1910	98	1890	62	1872	74	1852	46	1833	30	1813	25
1929	184	1909	98	1889	62	1871	72	1851	43	1832	29	1812	24
1928	177	1908	94	1888	62					1831	29	1811	25
1927	183	1907	98	1888	62	1870	71	1850	43				
1926	196	1906	92	1887	63	1869	75	1849	40	1830	27	1810	26
				1886	62	1868	80	1848	41	1829	28	1809	26
1925	197	1905	82			1867	83	1847	41	1828	29	1808	26
1924	194	1904	78	1885	61	1866	87	1846	42	1827	29	1807	27
1923	219	1903	76	1884	64					1826	28	1806	27
1922	193	1902	71	1883	64	1865	79	1845	43	1825	27	1805	27
1921	174	1901	66	1882	66	1864	74	1844	39	1824	26	1804	26
				1881	63	1863	58	1843	37	1823	26	1803	24
1920	323	1900	69	1880	59	1862	48	1842	40	1822	25	1802	24
1919	221	1899	64	1879	55	1861	45	1841	43	1821	26	1801	27
1918	163	1898	58	1878	55								
1917	141	1897	55	1877	54	1860	46	1840	42				
1916	108	1896	57	1876	59	1859	46	1839	45	1820	27	1800	24
					62	1858	48	1838	45	1819	28	1799	23
1915	95	1895	57			1857	53	1837	45	1818	28	1798	24
1914	98	1894	59			1856	52			1817	31		
1913	108												

Series L 98-105. Forest Fires and Area Burned Over: 1926 to 1956

Year	Total		Protected area				Unprotected area	
	Fires	Area burned over	Federal lands		State and private lands		Fires	Area burned over
			Fires	Area burned over	Fires	Area burned over		
	98	99	100	101	102	103	104	105
1,000 acres		1,000 acres		1,000 acres		1,000 acres		
1956	143,485	6,606	11,341	372	82,997	1,613	49,147	4,621
1955	145,180	8,069	6,830	364	80,774	2,448	57,576	4,976
1954	176,891	8,838	8,592	176	118,681	2,787	49,614	5,830
1953	154,160	9,976	10,149	818	94,446	2,534	49,565	7,124
1952	188,277	14,187	9,634	281	118,368	6,347	60,280	7,559
1951	164,090	10,781	8,638	471	97,230	3,055	58,222	7,255
1950	208,402	15,519	8,418	391	96,578	3,408	103,404	11,720
1949	193,774	15,397	9,592	317	78,649	2,320	105,538	12,760
1948	174,189	16,557	6,681	312	61,095	1,962	106,413	14,233
1947	200,799	23,226	8,928	318	71,442	2,314	120,429	20,094
1946	172,278	20,691	9,670	321	66,108	2,253	96,505	18,117
1945	124,728	17,681	8,539	445	48,176	2,456	68,013	14,780
1944	181,229	16,549	8,985	375	56,148	2,301	66,096	13,873
1943	210,326	32,333	9,892	702	78,815	3,860	121,619	27,771
1942	208,218	31,854	9,940	576	75,849	3,863	122,428	27,415
1941	199,702	26,405	10,002	437	80,994	3,138	108,706	22,830
1940	195,427	25,848	14,076	482	73,527	2,934	107,824	22,432
1939	212,671	30,449	12,356	523	85,677	3,266	114,638	26,660
1938	232,229	33,815	9,873	316	76,326	2,623	146,030	30,876
1937	185,209	21,981	9,468	90	54,292	1,254	121,449	20,637
1936	226,285	43,207	11,144	425	73,709	3,792	141,432	38,990
1935	140,297	30,835	7,962	228	54,592	2,311	77,743	27,796
1934	162,663	41,821	8,064	658	61,254	3,515	98,345	37,643
1933	140,722	43,890	4,517	330	43,770	3,343	87,435	40,187
1932	166,399	42,063	4,933	419	55,567	3,234	105,899	38,410
1931	187,214	51,607	5,715	551	56,459	5,856	125,040	45,200
1930	190,980	52,266	(*)	(*)	*70,882	*5,809	120,148	46,457
1929	134,895	46,230	(*)	(*)	*44,076	*4,376	90,819	41,354
1928	175,934	43,542	(*)	(*)	*39,280	*4,111	136,674	39,431
1927	153,438	33,531	(*)	(*)	*35,300	*2,784	123,138	35,747
1926	91,793	24,316	(*)	(*)	*33,867	*4,755	57,926	19,561

* Includes unprotected Federal land statistics:

Year	Fires	Acres burned	Year	Fires
1955	4	281,000	1950	2
1954	4	40,000	1942	1

* Federal lands included in State and private lands.

Series L 106-109. Expenditures for Control of Forest Fires on Federal, State, and Private Lands: 1912 to 1956

[In thousands of dollars. Fiscal-year data. Excludes emergency funds]

Year	Expenditures				Year	Expenditures			
	Total	Federal ¹	State	Private		Total	Federal ¹	State	Private
	196	107	108	109		106	107	108	109
1956	42,893	9,485	80,637	2,271	1933	4,594	1,452	2,493	649
1955	39,216	3,945	28,168	2,103	1932	5,943	1,573	3,276	1,094
1954	39,435	8,304	28,395	2,106	1931	6,548	1,537	3,910	1,101
1953	37,716	8,346	26,460	2,310	1930	5,370	1,252	2,886	1,232
1952	35,597	8,960	23,734	2,908	1929	4,111	1,069	2,119	923
1951	33,160	8,396	21,885	2,279	1928	3,941	868	2,075	998
1950	28,934	8,551	18,121	2,262	1927	3,144	607	1,853	634
1949	27,875	8,572	17,201	2,102	1926	2,460	585	1,611	264
1948	23,500	8,605	12,531	2,064	1925	2,205	361	1,844	-----
1947	19,603	7,590	9,477	2,236	1924	1,537	364	1,473	-----
1946	16,635	6,749	7,497	2,339	1923	2,194	363	1,326	-----
1945	13,673	4,998	6,562	2,113	1922	2,270	378	1,397	-----
1944	11,860	3,771	6,350	1,739	1921	1,174	108	1,066	-----
1943	8,985	2,268	5,407	1,310	1920	945	85	860	-----
1942	10,107	2,182	6,012	1,913	1919	718	93	625	-----
1941	9,278	1,979	5,037	2,212	1918	666	92	574	-----
1940	9,188	1,988	5,155	2,045	1917	531	86	455	-----
1939	8,410	1,793	4,725	1,892	1916	492	85	407	-----
1938	6,911	1,463	4,014	1,434	1915	984	*69	*915	-----
1937	6,852	1,472	4,152	1,223	1914	797	*82	*715	-----
1936	5,222	1,427	2,671	1,124	1913	692	*67	*625	-----
1935	5,588	1,457	2,336	1,195	1912	288	*51	*237	-----
1934	5,263	1,468	2,966	829					

¹ Excludes administration and inspection costs.

¹ Calendar-year data.

FISHERIES (Series L 110-206)

L 110-206. General note.

Fisheries data were largely compiled or derived from publications of the Fish and Wildlife Service. Additional detail can be found in these publications and in those of predecessor agencies (i.e., the Bureau of Fisheries, Department of Commerce, prior to July 1940, and the Commission of Fish and Fisheries prior to 1904). Statistical canvasses relating to the fishing industry carried out in 1880 and 1908 were made in conjunction with the Bureau of the Census (and predecessor agencies) and were published as Senate Document No. 124, 47th Congress, 1887, and as a Bureau of the Census Special Report, 1911, respectively. Since 1941, preliminary figures on many present and historical aspects of the fisheries have been published by the Fish and Wildlife Service in the form of leaflets entitled *Current Fishery Statistics*. Final and more detailed figures are published by the Fish and Wildlife Service as comprehensive annual Statistical Digests and in *Annual Reports of Alaska Fishery and Fur-Seal Industries*.

Complete statistical surveys of the fisheries and fishery industries of the United States, with the exception of those of the Mississippi River region, were made for the years 1880, 1908, 1929-1931, 1937-1940, 1950, 1954, and 1955. The fisheries of the Mississippi River and its tributaries (annual production of about 100 million pounds, or under 2 percent of the United States catch) were canvassed adequately in only 1894, 1899, 1908, 1922, 1931, 1950, 1954, and 1955. The years 1954 and 1955 are the only two consecutive years in which all sections of the United States, including the Mississippi River region, were canvassed to provide complete data on the wholesale and manufacturing industries as well as on the catch and operating units. General surveys of varying degrees of completeness for a number of States or limited areas of the United States were made for various years since 1880. Complete surveys of Alaska were made in 1892 (for that year and for the prior years 1889 to 1891), 1905-1908, 1910, 1925, and 1929-1957 (except for 1936).

While extended series for successive years are lacking for most regions of the United States, there are long continuous records available for landings at certain important ports or for certain species. The latter have been collected in connection with annual canned fish and byproducts surveys. Data on the production of canned fishery products and byproducts have been collected annually for all regions since 1921, while information was obtained on the production of packaged fish for 1926 and annually since 1928.

The coastal statistical surveys include canvasses of the commercial fisheries of the contiguous and noncontiguous ocean waters and bays of the United States and Alaska and as far up the coastal rivers as commercial fishing is conducted. The Mississippi River region includes tributaries thereof. The Great Lakes region encompasses the bays thereof, the international lakes of northern Minnesota, and the rivers emptying into these waters.

Several methods for the collection of fishery statistics have been employed. Where data were not available from some central private or public source, canvassing both by interview and by correspondence has been used to secure the required information from fishing vessel owners and operators, wholesale dealers, and manufacturers of fishery products.

Since 1946, a growing number of State fishery agencies have developed independently, or in cooperation with the Fish and Wildlife Service, relatively complete systems chiefly with respect to fish catch statistics which greatly facilitate the surveys in those States. In such instances, the Fish and Wildlife Service conducts only supplementary surveys to make the catch statistics comparable with those of other States and to secure additional wholesale and manufacturing data. Except in Alaska, securing fishery statistical data by the Federal fishery agencies has been on a nonmandatory basis.

Until 1951, all statistics of the Alaska fisheries were collected by canvass of the industry chiefly through correspondence. Subsequently, catch statistics have been compiled from copies of dealer invoices for fish and shellfish purchased from individual fishermen that are required by law to be furnished to the Fish and Wildlife Service. This procedure, first instituted by California in 1917, is becoming more generally used in a number of coastal States, and is improving the source materials available for the compilation of national statistics by the Federal Government.

Statistics on commercial landed catches of fish are usually shown in the published reports as round salable weight, being converted to such a common basis by established conversion factors. In the Great Lakes States, catches are usually shown in weights as landed, which may be in the round or eviscerated condition. Oyster, clam, and clam-like shellfish data are usually expressed in amounts of recoverable meats. Crabs, shrimps, squid, and octopus landings are shown in round weights. Whaling production from land-based plants in the United States and Alaska is included in the total of fish production in series L 112 and L 114. These land-based plants have not produced more than 17 million pounds of whale products in any year of record in this report. These series do not include the high-seas production of whale products either in this or in the previous century. The yield is expressed in terms of the weight of products produced, not the live weight of the whales.

The values of the landed catches are gross dollar returns to catching vessels and fishermen. The value of processed or manufactured items is that by the manufacturer. Data are usually collected and published on a calendar-year basis, although compilations for some States are on a fiscal-year basis.

Statistics of landed catches do not include either the marine or freshwater catches made for personal use including those by Indian populations, or for sport, or landings by foreign fishing vessels in United States ports, or imports. They include catches by United States fishing vessels landed in foreign ports for transshipment in bond to the United States.

Since 1942, the commercial catches have been credited to the port at which they were landed. Prior to that time the entire annual catch of a vessel was credited to the port out of which the majority of its yearly operations were conducted, regardless of the actual point of landing. Due to the generally broad regional grouping of the data shown here, the effect of the change in method of crediting yields upon the trends of landings has, for the most part, been insignificant. While neither method provides completely satisfactory information as to the approximate location of the fishing grounds producing the

landed catches, the present practice permits closer estimates than the former.

All general references to fish include fish, shellfish, and other marine or freshwater products including those of the land-based segment of the United States whaling industry.

Fisheries outside the continental limits of United States and Alaska, some products of which enter the domestic market duty-free, are those of Hawaii, American Samoa, and the Commonwealth of Puerto Rico. Fisheries of these areas are not subject to Federal control and are not included in the series shown here unless otherwise indicated. Total commercial production in these fisheries is of relatively small magnitude. Canned tuna for continental United States market is the chief commercial item produced in Hawaii and American Samoa. Hawaiian fisheries statistics are presented annually since 1948 in *Fishery Statistics of the United States*, Statistical Digests.

L 110-115. Yield and value of United States and Alaska fisheries, 1880-1956.

Source: Series L 110-111, sum of figures for series L 112-115. Series L 112-113, 1880, Commission of Fish and Fisheries, *The Fisheries and Fishery Industries of the United States*, 1887; 1887-1928, H. F. Taylor, *Economics of the Fisheries of North Carolina*, part III, "Survey of Marine Fisheries of North Carolina," The University of North Carolina Press, Chapel Hill; 1929-1938, Bureau of Fisheries, *Fishery Industries of the United States*, annual issues; 1939-1956, Fish and Wildlife Service, *Fishery Statistics of the United States*, annual Statistical Digests. Series L 114-115, 1880 and 1889-1910, see source for series L 112 and L 113; 1917, J. N. Cobb, *Products of the Commercial Fisheries of the United States*, American Fisheries Society Transactions, XLVIII (1), 1918; 1922-1928, Fish and Wildlife Service, records; 1929-1956, see source for series L 112-113.

Source figures have been adjusted where necessary with revised data for the Alaska herring fishery (from O. E. Sette, *Historical Catch Statistics on Pacific Herring, Clupea Pallasii*, 1955, Fish and Wildlife Service Ocean Research Note 4 and amendments and 1957 addendum) and the conversions for cured fish discussed below.

Since 1928, complete or partial surveys have been made of the various regions of the United States, except for the Mississippi River, with sufficient frequency to produce satisfactory annual estimates of the yield and value of the United States and Alaska fisheries. Due to the relative stability and low magnitude of the Mississippi River production, the inclusion of interpolated estimates for that region do not significantly affect the national totals.

Prior to 1929, except for 1909-1914, Taylor provides a well validated and statistically satisfactory series of annual figures by summation of critically adjusted and interpolated data based upon various individual State and regional data published by the Bureau of Fisheries or its predecessor, the Commission of Fish and Fisheries. No statistically satisfactory national totals can be provided for 1909 to 1914 (Taylor). A satisfactory Alaska total is provided by Cobb, which, added to Taylor's 1917 United States total, provides a combined total for that year.

Prior to 1908, records of salt fish were not converted to equivalent fresh round weights except for 1880. It was estimated (Taylor) that such salt fish in 1887 represented at least 20 percent of the national total catch of food-fish species. By 1920, this proportion had declined to about 1 percent. Estimated corrections back to 1908 (derived from Taylor, figure 7,

p. 379) have been added to the estimates of national totals (Taylor, p. 480). Also, revisions of Alaska annual herring totals for 1927-1953 (see Sette, cited above) have been carried into the national and Alaska catch totals shown for series L 110 and L 114, respectively.

See also general note for series L 110-206.

L 116-123. Landed catches in the United States, by regions, 1880-1956.

Source: 1880-1903, Commission of Fish and Fisheries (in cooperation with the Bureau of the Census and its predecessor agencies), *Commissioner's Report and Appendices*, reports for 1880 and 1908; 1904-1939, Bureau of Fisheries, *Fishery Industries of the United States*, annual issues; 1940-1956, see publications by Fish and Wildlife Service and H. F. Taylor, cited for series L 112-113.

The regions presented comprise the following States or sections thereof:

New England States:	Gulf States:
Maine	West coast Florida
New Hampshire	Alabama
Massachusetts	Mississippi
Connecticut	Louisiana
Rhode Island	Texas
Middle Atlantic States:	Pacific Coast States:
New York	California
New Jersey	Oregon
Delaware	Washington
Chesapeake Bay States:	Lakes Region:
Maryland	Great Lakes
Virginia	International lakes of northern Minnesota
South Atlantic States:	Mississippi River:
North Carolina	Including tributaries
South Carolina	
Georgia	
East coast Florida	

Regional totals prior to 1909 include cured fish in terms of product weights and not round weights used for figures in series L 110 and L 112.

In spite of deficiencies arising from interpolating values over periods during which no canvasses were made in some regions, it is probable that these figures provide statistically satisfactory estimates of the trends of landed catches of all species combined in the several regions.

The annual and secular changes for the various regions have resulted from changes in composition of the catches from time to time. These changes may be deduced from the figures for series L 124-152.

Since only seven surveys were made of the Mississippi River fisheries during the period from 1899 to 1955, no extended production records are available for the principal species of the Mississippi River region. Buffalo fish, bullheads and catfish combined, and mussel shells for the button industry have provided over this period an average of 15 percent, 12 percent, and 42 percent, respectively, of the total recorded average annual production in this region. After reaching a high point of 82 million pounds in 1908, freshwater mussel-shell production has shown a sharply declining trend to the 1955-1956 level of about 30 million pounds.

See also general note for series L 110-206.

L 124-131. Landed catches of principal species in New England States, 1876-1956.

Source: 1876-1886 (except for 1880), Bureau of Fisheries, *Statistics of the Mackerel Fishery of the East Coast of North*

America, 1804 to 1930, Investigational Report No. 19, vol. 1, 1934; 1880, Commission of Fish and Fisheries, *The Fisheries and Fishery Industries of the United States*, 1887; 1887-1950, Fish and Wildlife Service, *Fishery Statistics of the United States, 1950*, Statistical Digest No. 27; 1951-1956, *Fishery Statistics of the United States*, annual Statistical Digests.

The species shown here have accounted for between 65 percent and 87 percent of the total New England fish production (series L 116). The accuracy of these data has been enhanced by the fact that a long, unbroken, annual detailed record of landings by individual vessels at the major New England ports has been available. The figures for 1908 and earlier years, not including 1880, have not been corrected for portions of the catches of some species that were recorded in those early years as product weights of cured fish.

See also general note for series L 110-206.

L 132-133. Landed catches of menhaden and oysters in Middle Atlantic States, 1880-1956.

Source: See source for series L 124-131.

See also general note for series L 110-206.

L 134-136. Landed catches of menhaden, oysters, and crabs in Chesapeake Bay States, 1880-1956.

Source: See source for series L 124-131.

See also general note for series L 110-206.

L 137-142. Landed catches of shrimp, menhaden, and mullet in South Atlantic States and Gulf States, 1880-1956.

Source: See source for series L 124-131.

Historically, these two regions were canvassed for statistics at infrequent intervals, and until recent years most State agencies in these regions maintained no statistical systems. The data on menhaden, however, are more complete because its use for reduction has resulted in the landings being recorded during the more frequent canvasses for manufactured fishery products by the Fish and Wildlife Service and its predecessor agencies.

See also general note for series L 110-206.

L 143-144. Landed catches of lake trout and whitefish in Lakes Region, 1885-1956.

Source: Except for 1885, see source for series L 124-131; 1885, *Fishery Statistics of the United States, 1950*, Statistical Digest No. 27.

See also general note for series L 110-206.

L 145-149. Landed catches of principal species in Pacific Coast States, 1892-1956.

Source: See source for series L 124-131 except for series L 148 for which—1911-1950, International Fisheries Commission Report 17, 1952; 1951-1956, International Pacific Halibut Commission, records.

State and Federal agencies in this region, due in part to the consistent support by the fishing industry, have maintained the most continuous and probably the most accurate series of fisheries statistics of any region in the United States.

The landed catches include both those from waters contiguous to the coasts of California, Oregon, and Washington, and waters off foreign shores; tuna from those off South and Central America; salmon and halibut from those off Canada. Also, a large proportion of the landed catch of the halibut comes from waters off Alaska.

See also general note for series L 110-206.

L 150-154. Landed catches of salmon, halibut, and herring in Alaska, 1882-1956.

Source: Series L 150, 1927-1956, Bureau of Fisheries, *Fishery Industries of the United States*, annual issues, and Fish and Wildlife Service, *Fishery Statistics of the United States*, annual Statistical Digests. Series L 151, 1911-1950, International Fisheries Commission Report 17, 1952; 1951-1956, International Pacific Halibut Commission, records. Series L 152, 1882-1956, O. E. Sette, *Historical Catch Statistics on Pacific Herring, *Clupea Pallasii**, 1955, Fish and Wildlife Service Ocean Research Note 4 (also amendments and O. E. Sette, 1957 addendum). Series L 153-154, 1884-1931, *Pacific Fisherman*, "Annual Statistical Number 30," Miller Freeman Publications, Seattle, January 1932; 1932-1956, *Pacific Fisherman*, "1957 Yearbook Number," January 1957.

The halibut figures (series L 151) include catches landed by United States vessels in the railhead port of Prince Rupert, Canada, for shipment in bond to the United States, as has also been the practice in the published compilations by Federal fishery agencies.

The major portion of the Alaska herring catch has been used for reduction to meal and oil except during the period 1912 to 1922 when salting and canning predominated. Such direct use as a food fish has since declined and practically disappeared after 1948. The variety and changing emphasis in the products reported produced each year and the problem of converting such diverse products to a common raw fish value reduced the usefulness of the originally published total catch statistics. These have been revised from time to time (see Sette who appraised the revisions of such workers as Rounsefell up to 1928 and Skud more recently).

See also general note for series L 110-206.

L 155-163. Disposition of landed catches, by major product groups, and edible imports, 1921-1956.

Source: Series L 155, see source for series L 110-111. Series L 156, derived as sum of series L 157, L 158, and L 159. Series L 157, derived as residual of series L 155 and the sum of series L 158, L 159, and L 161. Series L 158-159, 1921-1938, Fish and Wildlife Service, *Fishery Industries of the United States*, annual issues; 1939-1956, *Fishery Statistics of the United States*, annual Statistical Digests. Series 160, 1921-1955, Fish and Wildlife Service, *Frozen Fish—1955*, Current Fishery Statistics No. 1276; 1956, *Fishery Statistics of the United States*. Series L 161, Fish and Wildlife Service, *Fishery Leaflet 393, revised, April 1958*. Series L 162-163, Fish and Wildlife Service, *Imports and Exports of Fishery Products, 1952-1956*, Current Fishery Statistics No. 1595.

The fresh and frozen catch figures (series L 157) should be considered only as rough estimates since they were derived as residuals of the total catch figures (series L 155, same as series L 110) and the canned, cured, and industrial catch figures (series L 158, L 159, and L 161). The total catch figures were also derived by summing the total United States and Alaska catch (series L 112 and L 114) and then independently adjusting for 1940-1951 and 1953 (without adjustment of series L 112 and L 114).

Canned catch figures (series L 158) represent a computed amount of fish or other aquatic organisms that were heat processed in cans. Cured products figures (series L 159) represent an estimated amount of fish and other living aquatic animals that were dried or dehydrated, salted, smoked, or pickled. Industrial products figures (series L 161) represent the weights of fish and other aquatic products determined to have been manufactured into fish meal, oil, fish solubles, homogenized condensed fish, shell products, or used as bait or for animal food, and other miscellaneous items.

United States and Alaska production may also be classified according to type of products whether crustacea such as crabs, shrimps, lobsters; mollusks such as oysters, clams, squid; fresh-water organisms; bottom or demersal marine fish; surface or pelagic marine fish; and such miscellaneous products as turtles, seaweeds, and other items, not including whale products. The percentage of total production contributed by the foregoing groups at various times has been as follows:

	1908	1930	1937	1945	1950	1955
Crustacea	5	6	6	7	8	9
Mollusks	13	7	4	4	4	4
Fresh-water	11	5	4	4	4	5
Marine demersal	21	22	17	23	19	19
Marine pelagic	50	60	69	62	65	68
Miscellaneous	(¹)					

¹ Less than 1 percent.

See also general note for series L 110-206.

L 164-171. Production and imports of selected fishery items, 1924-1956.

Source: Series L 164, Fish and Wildlife Service, *Packaged Fish—1956*, Current Fishery Statistics No. 1518. Series L 166, L 168, and L 170, 1924-1939, Bureau of Fisheries, *Fishery Industries of the United States*, annual issues; 1940-1956, Fish and Wildlife Service, *Fishery Statistics of the United States*, annual Statistical Digests. Series L 165, L 167, L 169, L 171, Customs Service, records.

The import figures are based on Customs documents.

See also general note for series L 110-206.

L 172-175. Production of canned tuna and tuna-like fish, 1926-1956.

Source: Fish and Wildlife Service, derived from *Survey of the Domestic Tuna Industry*, Special Scientific Report: Fisheries No. 104, 1952, and *U. S. Tuna Fishery, 1911-58*, Fishery Leaflet 484, 1959.

The data have been revised and therefore differ from those published by the Bureau of Fisheries in *Fishery Industries of the United States*, annual issues, and by the Fish and Wildlife Service, *Fishery Statistics of the United States*, annual Statistical Digests.

It appears that import data for frozen tuna recorded in the latter two sources are defective and that the recently revised data by the Fish and Wildlife Service, series L 174, is much more reliable. Since 1952, the series includes production in Hawaii which represents a small proportion of the total, and from Puerto Rico and American Samoa whose contributions were still smaller.

See also general note for series L 110-206.

L 176-195. Production and value of canned fishery products, 1921-1956.

Source: 1921-1935, Bureau of Fisheries, *Fishery Industries of the United States*, annual issues; 1936-1956, Fish and Wildlife Service, *Canned Fish and By-Products, 1956*, Current Fishery Statistics No. 1517.

See also general note for series L 110-206.

L 176-177, total, all products. In addition to the nine products for which figures are separately presented (series L 178-195) and which have represented over the period of record from 85 percent to 97 percent of production of all canned fishery products, these totals include very substantial packs of clams and clam products, large and valuable packs of crabs, and small but valuable packs of fish roes and of shrimp and oyster specialty products, and many other less important items. These data are the latest revised figures and all are equated to units of the latest defined standard case

for each product. A history of conversion factors that have been used and their present definitions appear in Current Fishery Statistics No. 1517, cited above.

L 178-179, Pacific Coast salmon. (Standard case, 48 cans of 16 ounces net weight each.) Includes Alaska salmon (also shown separately, series L 150) which account for the largest proportion of the total. Five species of the genus *Oncorhynchus* are included—red, king, silver, pink, and chum salmon—and also an extremely small proportion of steelhead trout.

L 180-181, Pacific pilchard. (Standard case, 48 cans of 15 ounces net weight each.) The pilchard is more commonly known as the California sardine. Prior to 1937, the magnitude of the pack was determined in part by the proportion of the total catch that was permitted by California State law to be used for reduction to meal and oil.

L 182-183, Atlantic sea herring. (Standard case, 100 cans 3¼ ounces net weight each.) The Atlantic sea herring is also known as the Maine sardine.

L 184-185, tuna. (Standard case, 48 cans of 6, 6½, or 7 ounces net weight per can for grated, chunks, and solid packs, respectively.) Includes the canned pack of the true tuna species, albacore, yellowfin, bluefin, skipjack, tonno, and the tuna-like varieties, bonito and yellowtail.

L 186-187, oysters. (Standard case, 48 cans of 4-2/3 ounces drained weight each.)

L 188-189, shrimp. (Standard case, 48 cans of 5 ounces net weight each.)

L 190-191, anchovies. (Standard case, 100 cans of 5 ounces net weight each.)

L 192-193, mackerel. (Standard case, 100 cans of 5 ounces net weight each.) The production consists of Jack and Pacific mackerel of California.

L 194-195, animal food. (Standard case, 48 cans of 16 ounces net weight each.) Consists largely of pet and animal food derived from groundfish species and parts of other fish unsalable for human use or of species of low market value as human food.

L 196-202. Production and value of dried fish meal and scrap, acidulated scrap, fish and other marine oils, and imports of fish meal, 1921-1956.

Source: 1921-1938, Bureau of Fisheries, *Fishery Industries of the United States*, annual issues; 1939-1956, Fish and Wildlife Service, *Fishery Statistics of the United States*, annual Statistical Digests.

In contrast to series L 112, L 114, and others which included only the products of United States land-based whaling, series L 196 and L 200 include the meal and oil yields from the United States Antarctica and West Australia factory-ship whaling in 1935-1939.

Since 1941, the acidulated product of the menhaden fishery has been a negligible proportion of the total production of scrap and meal and it is not separated in the recorded statistics of the industry after 1946.

Acidulation of the wet menhaden press cake after removal of the oil was an alternative preservative process to drying. Since it was sometimes carried out as a temporary measure prior to drying at a later and more propitious time, it is probable that some of the tonnage of acidulated scrap may have been subsequently also reported as dried scrap leading to some duplication of reported tonnage in the earlier years.

See also general note for series L 110-206.

L 203-204. Sponge sales at the Tarpon Springs (Fla.) Exchange, 1913-1956.

Source: 1913-1949, Fish and Wildlife Service, records; 1950-1956, *Fishery Statistics of the United States*, annual Statistical Digests.

L 205. Sealskins obtained from the Pribilof Islands, 1910-1957.

Source: 1910-1938, Bureau of Fisheries, *Alaska Fishery and Fur-Seal Industries*, Administrative Reports; 1939-1957, Fish and Wildlife Service, *Alaska Fishery and Fur-Seal Industries*, Statistical Digest.

Under the terms of the 1911 and succeeding treaties or agreements with Canada, Japan, and Russia, the take of fur seal on the Pribilof Islands in the Bering Sea has been under the exclusive and direct custodianship of the U. S. Government.

Sealskin figures represent the total take before the partitioning of the yield between the several countries involved. The figures for 1910 and 1911 were pretreaty and represent skins taken directly by the U. S. Government, as the United States' lease to the private company that had engaged in the operation since 1867 had expired early in 1910. The 1918 take was the first treaty take out of which Japan and Canada each received a 15 percent share for relinquishing all rights to pelagic sealing in the eastern North Pacific. Russia had not been previously engaged in pelagic sealing. With the abrogation of the treaty by Japan in 1940, Canada's share was increased to 20 percent under the Provisional Fur-Seal Agreement

of 1942 as amended. Increases in take in 1955 and 1956 resulted from a new concept of herd management being instituted, designed to increase annual yields by the prevention of overcrowding of the environment.

Though only estimates of varying validity are available on the total size of the Pribilof Islands fur-seal herds, the high value of the skins and the fact that specified shares of the take were conveyed under treaty to Japan and Canada has ensured the accuracy of the record of annual takes. The U.S.S.R. does not share in the take even though it was a party to the treaty.

See also Fish and Wildlife Service, *A Population Study of the Alaska Fur-Seal Herd*, Special Scientific Report, Wildlife No. 12, 1954, for a history of the sealskin resource, 1786-1950.

L 206. Land-based production of whales, 1912-1957.

Source: *Pacific Fisherman*, "Annual Statistical Numbers," 1910-1957, Miller Freeman Publications, Seattle. See also Norway Committee for Whaling Statistics, *International Whaling Statistics*, Nos. 1-15, Oslo, 1930-1941.

Present century participation by the United States in the whaling industry has been relatively inconsequential compared to that of other countries and to the American high-seas whaling of the past century. It has been largely restricted to land-based operations chiefly in Alaska and to a lesser extent in Washington, terminating in each in 1939 and 1925, respectively, and to operations in California from time to time for 1918-1956.

See also general note for series L 110-206.

Series L 110-115. Yield and Value of United States and Alaska Fisheries: 1880 to 1956

Year	Total ¹		United States		Alaska		Year	Total		United States		Alaska	
	Yield	Value	Yield	Value	Yield	Value		Yield	Value	Yield	Value	Yield	Value
	110	111	112	113	114	115		110	111	112	113	114	115
	Mil. lb.	Mil. dol.	Mil. lb.	Mil. dol.	Mil. lb.	Mil. dol.		Mil. lb.	Mil. dol.	Mil. lb.	Mil. dol.	Mil. lb.	Mil. dol.
1956	5,252	369.0	4,824	331.3	428	37.7	1923	2,726	2,067	86.0	659		
1955	4,794	335.8	4,479	309.0	315	26.8	1922	2,619	2,047	79.5	572		
1954	4,742	355.6	4,404	324.3	338	31.3	1921		2,153	78.9			
1953	4,468	352.3	4,171	325.8	297	26.5	1920		2,215	77.8			
1952	4,418	360.1	4,044	322.9	374	37.2	1919		2,229	76.5			
1951	4,414	360.8	4,006	321.7	415	39.3	1918		2,235	74.7			
1950	4,885	343.9	4,408	312.5	485	31.4	1917	2,676	71.1	2,207	62.7	469	8.4
1949	4,789	339.0	4,323	299.7	475	39.3	1916						
1948	4,499	367.0	4,009	335.5	563	31.5	1915			2,153	67.5		
1947	4,837	307.6	3,730	278.9	621	28.7	1910					215	13.3
1946	4,456	310.0	3,805	285.4	670	24.6	1908	2,053	62.7	1,829	51.4	224	11.3
1945	4,598	269.9	3,979	247.6	609	22.3	1907	1,930	60.9	1,760	50.7	170	10.2
1944	4,533	213.0	3,989	192.6	587	20.4	1906	2,046	59.3	1,879	50.2	167	9.1
1943	4,162	204.0	3,607	183.5	595	20.5	1905	2,002	57.3	1,885	49.6	117	7.7
1942	3,875	170.3	3,355	152.4	524	17.9	1904			1,926	49.2		
1941	4,900	129.0	4,164	114.0	729	15.0	1903			1,948	47.7		
1940	4,059	99.0	3,496	88.4	581	10.6	1902			1,964	46.3		
1939	4,497	97.6	3,787	86.1	710	11.5	1901			1,927	44.7		
1938	4,312	94.2	3,462	82.0	850	12.2	1900			1,831	42.8		
1937	4,414	101.4	3,524	86.6	890	14.8	1899			1,742	41.0		
1936	4,882	94.8	3,914	80.6	968	14.2	1898			1,629	39.0		
1935	4,243	82.8	3,557	73.7	686	9.1	1897			1,560	37.5		
1934	4,125	76.8	3,268	64.8	857	12.0	1896			1,561	37.9		
1933	2,998	61.1	2,335	52.0	663	9.1	1895			1,560	38.2		
1932	2,636	54.2	2,008	47.1	628	7.1	1894			1,581	39.1		
1931	2,646	74.5	2,032	64.5	614	10.0	1893			1,554	38.8		
1930	3,279	104.4	2,615	91.6	664	12.8	1892	1,652	40.7	1,589	39.3	63	1.4
1929	3,625	125.8	2,841	108.7	684	17.1	1891	1,709	42.3	1,623	40.0	86	2.3
1928	3,056	114.3	2,328	96.5	728	17.8	1890	1,758	41.3	1,686	39.3	72	2.0
1927	2,771	111.5	2,275	97.1	486	14.4	1889	1,685	39.0	1,619	36.4	66	2.6
1926	2,831	106.7	2,103	91.5	723	15.2	1888			1,581	34.8		
1925	2,778	105.1	2,183	94.9	595	10.2	1887			1,407	33.5		
1924	2,461		2,061	87.6	400		1880	1,706	39.1	1,598	38.6	108	.5

¹ Total yield does not equal the sum of components for 1940-1953 (except for 1952) because of revisions affecting total only; total value for 1951 does not equal sum of the components for the same reason.

Series L 116-123. Landed Catches in the United States, by Regions: 1880 to 1956

[In millions of pounds]

Year	New England States	Middle Atlantic States	Chesapeake Bay States	South Atlantic States	Gulf States	Pacific Coast States	Lakes Region	Mississippi River and tributaries	Year	New England States	Middle Atlantic States	Chesapeake Bay States	South Atlantic States	Gulf States	Pacific Coast States	Lakes Region	Mississippi River and tributaries	
	116	117	118	119	120	121	122	123		116	117	118	119	120	121	122	123	
1956	1,015	1,054	376	444	900	862	81	91	1924	403					488	78		
1955	955	871	496	347	830	800	77	103	1923				226	146	416	79		
1954	966	887	473	326	755	826	81	90	1922						287	79	106	
1953	864	964	843	327	759	734	77		1921		323					83		
1952	955	593	284	436	760	832	82		1920			523				77		
1951	917	555	331	311	650	1,067	70		1919	460						92		
1950	1,007	492	381	261	571	1,515	71	105	1918				381	118		107		
1949	1,000	521	335		525	1,365	86		1917							96		
1948	998	501	364		427	1,135	84		1916							88		
1947	803	682	408			1,043	70		1915						305	109		
1946	806	518	360			1,162	78		1914							99		
1945	845	494	304	396	350	1,428	79		1913							68		
1944	714	423	267			1,676	76		1908	512	205	411	158	95	138	107	148	
1943	646	321				1,453	78		1905	461								
1942	705	319	202			1,375	75		1904		368	420			191			
1941			328			1,813	78		1903							86		
1940	626	356	321	326	250	1,456	79		1902	525			101	95				
1939	664	280	324	388	240	1,714	85		1901		347	458						
1938	632	217	295	414	208	1,526	82		1899						207	114	97	
1937	671	265	292	316	231	1,577	84		1898	394			78	58				
1936			314	370	187	1,925	94		1897		218	363						
1935	655	279	266			1,676	90		1895						136			
1934			239	261	187	1,546	96		1894								53	
1933	500	170	272			860	75		1893									
1932	481	141	359	154	146	561	84		1892						108			
1931	535	151	286	150	139	597	92	82	1891								97	
1930	695	170	308	276	142	833	95		1890		259	321						
1929	639	165	265	338	177	1,034	85		1889	654	294	325	65	59		114		
1928	599			259	172	705	63		1888		270		57	55		117		
1927				262	176	663	81		1887		573	282	213	54	41	87		
1926		153				538	75		1886		521	219	203	56	39			
1925			321			627	69		1885							100		
									1880		726	412	250	43	24	73	65	

Series L 124-154. Landed Catches of Principal Species, by Regions: 1876 to 1956

[In millions of pounds, except as noted]

Year or period	New England States								Middle Atlantic States		Chesapeake Bay States			South Atlantic States		
	Whiting	Cod	Flounder	Haddock	Herring	Lobster	Mackerel	Ocean perch	Menhaden	Oysters	Menhaden	Oysters	Crabs	Shrimp	Menhaden	Mullet
	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139
1956	90	33	48	152	146	25	4	151	954	8	190	87	51	26	315	8
1955	111	32	50	135	104	23	3	157	764	10	315	89	45	29	228	8
1954	90	35	47	155	129	26	3	181	782	13	289	42	55	29	206	8
1953	85	32	47	139	111	27	7	154	853	14	162	87	63	33	199	8
1952	106	42	55	161	154	24	13	189	480	17	92	84	65	26	315	11
1951	118	47	61	153	65	26	10	258	442	17	127	80	71	28	188	14
1950	65	54	67	158	195	23	14	208	373	18	171	80	80	36	147	11
1949	90	59	67	134	168	24	18	237	392	17	188	82	68	-----	262	-----
1948	80	63	72	155	192	20	41	238	389	16	152	84	68	-----	249	-----
1947	62	64	68	162	124	23	47	147	509	16	178	84	65	-----	281	-----
1946	51	89	67	147	82	24	43	178	381	14	149	83	57	-----	292	-----
1945	78	141	61	147	94	22	50	132	368	14	89	83	41	44	256	12
1944	52	94	58	133	83	17	64	120	304	13	78	80	45	-----	304	-----
1943	54	63	66	117	60	16	53	115	196	13	-----	-----	-----	-----	332	-----
1942	47	65	75	137	100	12	47	128	205	12	64	25	36	-----	215	-----
1941	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	182	35	30	-----	-----	-----
1940	41	82	58	141	44	11	36	85	245	14	143	37	42	23	225	7
1939	23	105	46	158	75	11	28	77	149	12	128	37	57	28	237	8
1938	25	118	47	158	21	11	39	65	87	16	95	33	55	28	303	8
1937	22	135	48	169	53	11	23	58	149	15	122	32	49	27	205	8
1936	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	168	30	44	34	230	18
1935	17	120	39	195	54	11	62	17	180	15	121	30	41	-----	-----	-----
1934	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	144	36	40	26	155	9
1933	9	100	38	150	48	9	41	-----	80	14	116	25	56	-----	-----	-----
1932	7	86	37	150	38	10	60	-----	43	15	195	23	62	22	77	5
1931	8	93	42	181	64	11	47	-----	41	22	113	32	65	25	72	6
1930	10	102	49	265	33	12	51	-----	52	22	116	37	69	26	193	6
1929	10	87	49	256	107	10	62	-----	41	29	99	33	60	31	234	9
1928	8	90	50	238	71	12	43	-----	-----	-----	-----	-----	-----	33	151	9
1927	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	30	158	11
1926	-----	-----	-----	-----	-----	-----	-----	-----	40	25	-----	-----	-----	-----	-----	-----
1925	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	150	48	30	-----	-----	-----
1924	8	93	31	94	62	10	27	-----	-----	-----	-----	-----	-----	-----	-----	-----
1923	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
1921	-----	-----	-----	-----	-----	-----	-----	-----	228	26	-----	-----	-----	24	148	9
1920	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	366	52	23	-----	-----	-----
1919	16	89	16	90	98	11	16	-----	-----	-----	-----	-----	-----	16	258	12
1918	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
1915	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	50	-----	-----	-----
1914	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
1908	6	95	10	60	122	15	11	-----	85	23	202	64	45	6	57	15
1905	5	94	6	78	36	12	18	-----	-----	-----	-----	-----	-----	-----	-----	-----
1904	-----	-----	-----	-----	-----	-----	-----	-----	254	33	258	67	31	-----	-----	-----
1902	3	124	5	48	201	15	23	-----	-----	-----	-----	-----	-----	4	19	16
1901	-----	-----	-----	-----	-----	-----	-----	-----	218	32	281	79	22	-----	-----	-----
1900	-----	-----	-----	-----	-----	16	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
1898	(?)	125	4	47	66	15	10	-----	-----	-----	-----	-----	-----	-----	-----	-----
1897	-----	-----	-----	-----	46	-----	17	-----	91	29	179	96	16	1	11	7
1892	-----	-----	-----	-----	53	23	21	-----	-----	-----	-----	-----	-----	-----	-----	-----
1891	-----	-----	-----	-----	-----	-----	19	-----	126	80	187	108	10	-----	-----	-----
1890	-----	-----	-----	-----	-----	-----	11	-----	159	29	135	111	9	1	12	7
1889	(?)	164	3	46	43	30	10	-----	138	27	-----	-----	-----	1	9	6
1888	(?)	196	3	47	53	28	20	-----	152	38	85	82	-----	-----	14	-----
1887	(?)	207	2	41	43	29	33	-----	88	39	85	75	-----	-----	15	-----
1885	-----	-----	-----	-----	-----	-----	30	-----	-----	-----	-----	-----	-----	-----	-----	-----
1885	-----	-----	-----	-----	-----	-----	124	-----	-----	-----	-----	-----	-----	-----	-----	-----
1884	-----	-----	-----	-----	-----	-----	179	-----	-----	-----	-----	-----	-----	-----	-----	-----
1883	-----	-----	-----	-----	-----	-----	85	-----	-----	-----	-----	-----	-----	-----	-----	-----
1882	-----	-----	-----	-----	-----	-----	142	-----	-----	-----	-----	-----	-----	-----	-----	-----
1881	-----	-----	-----	-----	-----	-----	147	-----	-----	-----	-----	-----	-----	-----	-----	-----
1880	-----	-----	-----	-----	-----	-----	131	-----	319	28	92	117	-----	1	-----	4
1876-1879	-----	-----	-----	-----	-----	-----	306	-----	-----	-----	-----	-----	-----	-----	-----	-----

¹ Gulf States included with South Atlantic States.

² Less than 500,000 pounds.

Series L 124-154. Landed Catches of Principal Species, by Regions: 1876 to 1956—Con.

[In millions of pounds, except as noted]

Year or period	Gulf States			Lakes Region		Pacific Coast States					Alaska			Canned salmon	
	Shrimp	Men-haden	Mullet	Lake trout	White-fish	Tuna	Salm-on	Sar-dine	Hali-but	Mack-erel	Salm-on	Hali-but	Her-ring	Standard cases (mil-lions)	Value (mil. dol.)
	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154
1956	194	560	28	2	2	329	54	70	23	76	270	33	107	8.1	85.8
1955	212	481	28	1	3	269	86	146	21	23	204	26	64	2.5	58.4
1954	237	401	26	2	2	324	78	187	24	25	247	33	35	3.2	66.1
1953	225	437	26	2	3	304	93	9	20	8	220	25	32	2.9	61.0
1952	198	460	26	3	4	323	69	14	18	21	233	32	46	3.6	76.4
1951	194	358	25	3	3	317	98	329	16	34	277	31	88	3.5	77.2
1950	152	326	24	3	5	391	64	715	13	33	265	39	168	3.3	81.8
1949	127	277	32	3	9	332	96	634	15	50	338	35	35	4.4	81.3
1948	120	192		4	12	325	65	373	15	39	338	35	171	4.0	100.7
1947		(¹)		5	12	268	116	272	10	46	332	34	195	4.3	91.3
1946		(¹)		7	5	220	87	531	20	54	392	36	217	4.0	58.7
1945	145	65	30	9	4	184	96	850	18	54	408	34	153	4.3	44.5
1944		(¹)		11	3	167	50	1,147	17	84	393	37	139	4.9	51.6
1943		(¹)		10	3	128	49	997	19	75	457	35	90	5.4	58.6
1942		(¹)		10	4	118	78	975	21	53	431	32	46	5.1	48.7
1941		(¹)		11	5	135	86	1,328	28	78	543	26	156	6.9	57.5
1940	128	25	30	10	5	210	61	914	27	121	439	28	111	5.0	31.8
1939	120	12	29	10	4	181	75	1,241	29	81	452	22	230	5.2	35.1
1938	113		28	9	3	144	64	1,110	29	80	590	21	231	6.8	36.5
1937	114	6	28	9	3	163	96	1,140	30	61	593	21	261	6.7	45.0
1936	85	3	30	9	4	132	64	1,503	32	101	727	20	209	3.5	44.1
1935				10	5	125	99	1,168	32	146	434	18	226	5.2	26.0
1934	93	10	22	10	6	97	87	1,136	29	114	625	21	208	7.5	37.0
1933				10	8	71	107	510	31	70	467	21	173	5.2	29.4
1932	66	12	20	11	10	63	76	312	30	12	453	20	149	5.3	20.4
1931	71	4	21	11	11	60	133	300	21	14	468	27	120	5.4	29.7
1930	62	6	22	10	10	105	100	449	18	17	426	33	189	5.0	29.9
1929	78	19	25	11	8	75	142	652	19	58	443	45	186	5.4	41.7
1928	82	6	26	9	6	64	81	420	20	35	517	39	163	6.1	45.6
1927	69	13	29	10	5	71	132	342	17	5	301	45	123	3.6	31.4
1926				12	5	46	85	287	14	4		45	179	6.7	46.1
1925				11	4	55	140	315	14	4		44	182	4.5	33.8
1924				11	4	29	102	243	11	3		47	101	5.3	34.6
1923	47	19	31	10	4	40	106	159	12	4		44	86	5.1	33.9
1922				12	4	37	63	98	14	2		31	83	4.5	31.0
1921				15	3	22		59	16	3		40	38	2.6	20.5
1920				10	3	46		119	17	3		34	54	4.4	37.1
1919				12	4	42		154	16	3		28	38	4.6	45.6
1918	32	14	30	11	6	16		158	14	4		29	43	6.7	52.9
1917				11	6				21			31	28	5.9	51.9
1916				10	5				22			29	23	4.9	23.8
1915				11	4	22	127	4	38			29	14	4.5	19.9
1914				10	5				49			12	17	4.1	19.7
1913				11	4				41			18	27	3.7	13.9
1912					4				39			14	33	4.1	16.9
1911									44			11	24	2.8	16.2
1910													14	2.4	11.1
1909													17	2.3	9.4
1908	13		19	18	7		86	5					12	2.6	10.2
1907													10	2.2	8.8
1906													10	2.2	7.9
1905													15	1.9	6.3
1904													16	2.0	
1903				16	5		107	1					14	2.2	
1902	12	(²)	27										10	2.5	
1901													15	2.0	
1900													13	1.5	
1899				10	6			129	2				8	1.1	
1898													9	1.0	
1897	7		16	18	7								7	0.9	
1896													6	1.0	
1895						1	78	1					7	0.6	
1894													15	0.7	
1893				16	8								14	0.6	
1892							47	1					19	0.5	
1891													18	0.8	
1890	7		15	13	11								11	0.7	
1889	8		13	11	16								11	0.7	
1888			8										6	0.4	
1887													22	0.3	
1886													22	0.1	
1885				13	18								17	0.1	
1884													13	0.1	
1883													3		
1882													3		
1881															
1880			2												
1876-1879															

¹ Gulf States included with South Atlantic States.

² Less than 500,000 pounds.

Series L 155-163. Disposition of Landed Catches, by Major Product Groups, and Edible Imports: 1921 to 1956

[In millions of pounds. In round weight except as noted. Includes Alaska landed catches]

Year	Landed catch						Edible imports		
	Total	Edible					Industrial products	Product weight	Round weight
		Total edible	Fresh and frozen	Canned	Cured	Frozen ¹			
155	156	157	158	159	160	161	162	163	
1956	5,252	2,674	1,408	1,184	87	325	2,578	788	1,885
1955	4,794	2,564	1,439	1,089	86	315	2,280	771	1,823
1954	4,742	2,685	1,441	1,159	85	308	2,057	804	1,869
1953	4,468	2,500	1,422	998	85	275	1,968	726	1,218
1952	4,418	2,764	1,431	1,248	85	313	1,654	705	1,169
1951	4,414	3,029	1,619	1,326	84	326	1,885	647	1,039
1950	4,885	3,291	1,471	1,720	100	287	1,594	640	1,008
1949	4,789	3,290	1,527	1,663	100	286	1,497	471	715
1948	4,499	3,132	1,544	1,488	100	292	1,367	478	717
1947	4,337	3,008	1,524	1,384	100	247	1,329	408	625
1946	4,456	3,038	1,661	1,277	100	280	1,418	474	-----
1945	4,598	3,167	1,827	1,230	110	286	1,431	405	-----
1944	4,533	2,855	1,530	1,225	110	267	1,668	339	-----
1943	4,162	2,737	1,458	1,165	114	246	1,425	324	-----
1942	3,875	2,633	1,333	1,230	115	247	1,192	277	-----
1941	4,900	3,062	1,292	1,645	125	247	1,838	306	-----
1940	4,059	2,674	1,264	1,280	130	196	1,885	303	-----
1939	4,497	2,765	1,354	1,231	130	133	1,732	346	-----
1938	4,312	2,697	1,333	1,234	130	136	1,615	308	-----
1937	4,414	2,764	1,278	1,356	130	168	1,650	365	-----
1936	4,882	2,910	1,316	1,459	135	179	1,972	371	-----
1935	4,243	2,691	1,341	1,220	130	160	1,552	325	-----
1934	4,125	2,455	1,032	1,298	130	133	1,670	237	-----
1933	2,998	2,087	961	991	135	96	911	234	-----
1932	2,636	1,888	961	787	140	92	748	260	-----
1931	2,646	2,145	1,053	962	130	112	501	277	-----
1930	3,279	2,533	1,311	1,077	145	139	746	338	-----
1929	3,525	2,635	1,199	1,286	150	122	890	357	-----
1928	3,056	2,365	1,120	1,095	150	114	691	361	-----
1927	2,761	2,127	1,074	878	175	-----	684	312	-----
1926	2,831	2,158	1,045	938	175	-----	673	309	-----
1925	2,778	1,916	877	864	175	91	862	263	-----
1924	2,461	1,874	900	799	175	97	587	235	-----
1923	2,726	1,807	845	782	180	92	919	-----	-----
1922	2,619	1,677	801	696	180	75	942	-----	-----
1921	-----	-----	-----	483	180	81	804	-----	-----

¹ Product weight. Not included in "Total edible."

Series L 164-171. Production and Imports of Selected Fishery Items: 1924 to 1956

[In millions of pounds of product weight]

Year	Groundfish filets and steaks		Shrimp		Lobsters, northern		Lobsters, spiny		Year	Groundfish filets and steaks		Shrimp		Lobsters, northern		Lobsters, spiny	
	Production	Imports	Production	Imports	Production	Imports	Production	Imports		Production	Imports	Production	Imports	Production	Imports	Production	Imports
	164	165	166	167	168	169	170	171		164	165	166	167	168	169	170	171
1956	107	135	224	69	27	22	4	25	1940	91	10	153	5	12	19	2	
1955	105	128	244	58	29	23	8	22	1939	99	9	150	4	12	16	2	
1954	122	138	268	41	27	22	8	20	1938	-----	-----	143	8	12	15	2	
1953	112	90	260	48	28	23	3	20	1937	-----	-----	143	2	12	16	2	
1952	133	107	227	38	25	23	2	16	1936	-----	-----	122	1	11	12	2	
1951	149	88	224	42	26	24	4	15	1935	-----	-----	124	2	11	11	2	
1950	137	65	191	40	23	22	2	13	1934	-----	-----	122	1	10	11	2	
1949	140	47	173	30	25	21	3	9	1933	-----	-----	91	1	10	12	1	
1948	138	54	167	22	21	21	1	8	1932	-----	-----	92	-----	11	18	1	
1947	116	35	192	18	24	18	1	6	1931	-----	-----	99	-----	12	12	2	
1946	127	49	192	12	24	20	1	6	1930	-----	-----	92	-----	14	11	2	
1945	126	43	191	8	23	20	1	3	1929	-----	-----	113	-----	12	10	2	
1944	109	25	152	6	18	15	1	3	1928	-----	-----	102	-----	11	8	2	
1943	87	16	152	6	16	13	1	3	1927	-----	-----	-----	-----	-----	8	1	
1942	105	17	152	4	12	13	1	3	1926	-----	-----	-----	-----	-----	8	1	
1941	123	10	153	3	12	21	2	3	1925	-----	-----	-----	-----	-----	8	1	
-----	-----	-----	-----	-----	-----	-----	-----	-----	1924	-----	-----	-----	-----	-----	6	1	

Series L 172-175. Production of Canned Tuna and Tuna-Like Fish: 1926 to 1956

[In millions of pounds of net product weight. Includes production in Puerto Rico, Hawaii, and American Samoa]

Year	Domestically canned				Year	Domestically canned				Year	Domestically canned			
	Total	Domestic catch	Frozen imports	Canned imports		Total	Domestic catch	Frozen imports	Canned imports		Total	Domestic catch	Frozen imports	Canned imports
	172	173	174	175		172	173	174	175		172	173	174	175
1956	233.0	156.0	77.0	51.8	1946	93.8	93.2	0.6	4.7	1936	64.4	61.9	2.5	6.8
1955	196.0	113.0	88.0	50.9	1945	88.9	88.2	0.7	5.3	1935	60.2	57.4	2.8	8.2
1954	207.2	143.0	64.2	47.0	1944	70.2	69.4	0.8	3.2	1934	47.3	44.0	3.3	8.3
1953	189.0	139.4	49.6	44.8	1943	56.5	56.4	0.1	0.5	1933	34.6	32.1	2.5	14.4
1952	179.5	144.5	35.0	37.1	1942	52.3	51.9	0.4	0.4	1932	28.9	26.5	2.4	6.0
1951	158.9	129.4	29.5	23.4	1941	61.7	61.2	0.5	3.3	1931	29.3	25.4	3.9	0.9
1950	175.5	154.7	20.8	44.9	1940	100.5	99.0	1.5	7.7	1930	48.2	44.6	3.6	-----
1949	141.3	136.7	4.6	12.6	1939	87.4	84.5	2.9	10.1	1929	36.1	32.6	3.5	-----
1948	139.5	136.9	2.6	8.6	1938	66.1	63.5	2.6	7.2	1928	29.8	27.8	2.0	-----
1947	117.4	116.3	1.1	6.1	1937	75.5	70.0	5.5	11.0	1927	30.2	30.1	(¹)	-----
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1926	20.4	20.4	-----	-----

¹ Less than 500,000 pounds.

Series L 176-195. Production and Value of Canned Fishery Products: 1921 to 1956

(Includes production of Alaska and U.S. possessions)

Year	Total, all products		Salmon (Pacific)		Pilchard (Pacific)		Herring (Atlantic)		Tuna and tuna-like fish	
	Production	Value	Production	Value	Production	Value	Production	Value	Production	Value
	176	177	178	179	180	181	182	183	184	185
	1,000 cases	Mil. dol.	1,000 cases	Mil. dol.	1,000 cases	Mil. dol.	1,000 cases	Mil. dol.	1,000 cases	Mil. dol.
1956	30,848	847,566	3,433	99,473	755	5,734	2,231	16,750	11,934	140,333
1955	26,315	803,165	3,289	81,356	1,415	10,014	1,269	9,333	9,933	125,259
1954	28,166	831,018	4,163	92,255	1,338	9,818	2,335	18,153	10,339	142,149
1953	26,007	806,874	3,912	82,240	64	653	2,732	16,954	9,590	126,253
1952	26,260	805,829	4,464	98,264	107	918	3,531	21,508	9,121	113,035
1951	24,563	801,210	4,646	108,626	2,865	19,363	1,677	14,635	8,237	99,046
1950	29,837	831,835	4,310	109,541	5,071	26,346	3,844	21,209	9,017	112,390
1949	25,650	295,504	5,525	103,431	3,768	21,335	3,075	21,052	7,230	97,710
1948	23,734	336,181	4,325	120,537	2,654	21,893	3,632	29,359	7,033	112,612
1947	21,868	310,679	5,642	120,660	1,653	16,533	3,014	23,311	5,394	90,609
1946	20,486	227,629	4,616	73,641	2,977	19,896	3,276	20,276	4,734	59,136
1945	18,555	152,801	4,908	52,586	3,766	15,346	2,725	12,077	4,532	47,407
1944	18,521	152,914	5,139	56,333	3,651	15,226	3,232	14,320	3,560	40,336
1943	16,716	141,189	5,704	62,935	3,355	14,352	2,505	11,105	2,696	31,430
1942	18,077	144,997	5,835	61,974	3,745	15,510	2,373	12,162	2,435	30,742
1941	23,555	188,684	7,332	67,417	5,007	18,092	3,155	12,591	2,332	19,336
1940	18,909	94,182	5,605	38,050	2,946	8,975	1,118	3,736	4,133	23,723
1939	19,487	96,628	5,992	41,781	3,108	9,554	2,210	7,075	3,643	20,030
1938	17,004	83,446	7,220	42,366	2,262	7,102	672	2,367	2,754	15,134
1937	19,531	105,175	7,555	52,934	2,812	8,592	1,630	4,993	3,145	18,996
1936	20,093	94,564	8,965	50,061	2,617	7,302	1,346	5,740	2,631	14,715
1935	17,435	74,999	6,028	32,475	2,420	6,237	1,656	5,143	2,511	12,324
1934	17,379	80,021	8,333	45,818	1,970	5,481	1,143	3,315	1,967	10,010
1933	13,117	59,800	6,362	36,242	1,539	3,305	931	2,397	1,443	6,334
1932	10,495	43,749	5,909	26,460	954	2,353	546	1,370	1,206	6,133
1931	12,581	62,949	6,740	38,033	1,713	4,715	835	2,647	1,217	7,279
1930	14,767	82,858	6,086	42,836	2,979	8,742	1,399	4,459	2,011	13,056
1929	17,310	101,065	6,991	56,086	3,331	11,997	2,026	6,333	1,504	9,375
1928	15,630	95,372	6,927	54,638	2,772	9,659	2,056	8,077	1,216	8,374
1927	11,384	81,384	5,077	45,729	2,563	9,269	1,232	5,249	1,256	8,363
1926	12,282	86,193	7,439	56,219	2,093	7,307	1,718	6,727	351	5,232
1925		80,577	6,019	47,370	1,715	6,331	1,371	6,717	1,102	3,499
1924		72,165	6,254	42,402	1,367	5,446	1,900	7,191	1,507	5,757
1923		72,445	6,403	45,534	1,100	4,603	1,272	5,239	313	6,915
1922		60,465	5,235	38,421	715	3,361	1,370	5,750	672	4,512
1921		46,635	3,600	28,857	399	2,346	1,400	3,961	549	3,075

Year	Oysters		Shrimp		Anchovies		Mackerel ¹		Animal food	
	Production	Value	Production	Value	Production	Value	Production	Value	Production	Value
	186	187	188	189	190	191	192	193	194	195
	1,000 cases	Mil. dol.	1,000 cases	Mil. dol.	1,000 cases	Mil. dol.	1,000 cases	Mil. dol.	1,000 cases	Mil. dol.
1956	464	6,222	871	15,800	612	3,361	1,116	6,435	6,679	32,637
1955	560	7,004	901	13,562	415	2,431	554	3,334	5,337	27,517
1954	446	5,829	935	13,691	506	2,773	366	2,509	4,327	18,420
1953	489	6,559	1,016	18,947	1,032	7,661	596	5,039	3,331	17,343
1952	529	7,047	818	12,999	674	4,737	1,525	11,333	3,436	15,633
1951	466	5,931	871	12,137	63	439	1,049	6,259	2,342	11,676
1950	492	7,096	786	12,773	38	227	1,457	7,432	2,721	13,371
1949	453	6,525	665	11,203	6	34	1,050	6,349	1,332	3,633
1948	357	4,773	559	7,791	103	755	1,231	9,351	1,324	6,971
1947	410	4,259	472	3,192	200	1,377	1,755	15,019	910	3,950
1946	391	5,249	522	3,429			932	7,575		
1945	226	2,030	215	1,919			693	4,047		
1944	274	2,238	532	4,355			1,225	7,034		
1943	345	2,322	660	5,361	(²)	1	937	5,271	2	5
1942	523	3,599	933	7,347	(²)	6	721	3,633	106	375
1941	657	2,997	335	4,333			335	3,504	1,010	2,624
1940	691	2,527	1,116	4,313			1,422	4,101	722	1,362
1939	649	2,379	1,377	5,393			339	2,539	537	1,109
1938	517	1,336	1,203	4,372			936	2,336	413	333
1937	760	2,333	1,435	7,131			341	2,374	377	340
1936	563	2,131	1,024	4,672			1,237	3,543	267	744
1935	537	2,045	1,036	4,722			1,312	4,976	476	1,304
1934	470	1,371	1,022	4,403			1,275	3,245	302	322
1933	373	1,076	360	3,479			1,333	1,333	214	533
1932	421	1,003	753	2,535			95	254	117	236
1931	323	964	321	3,932			102	247	53	143
1930	424	1,337	313	4,961			132	463	17	50
1929	553	2,732	310	5,529			302	2,513	19	60
1928	540	2,761	352	5,132			339	1,714	5	17
1927	479	2,333	353	5,322			23	152		
1926	443	2,027	732	4,122			13	114		
1925	702	3,721	736	3,733			14	116		
1924	479	2,473	719	4,609			1	3		
1923	562	2,720	700	4,332			1	3		
1922	542	2,424	530	3,064			10	33		
1921	474	2,179	655	3,305			2	16		

¹ Includes Pacific mackerel, jack mackerel, and small proportion of Atlantic mackerel.² Less than indicated unit.

Series L 196-202. Production and Value of Dried Fish Meal and Scrap, Acidulated Scrap, Fish and Other Marine Oils, and Imports of Fish Meal: 1921 to 1956

[Includes Alaska]

Year	Meal and scrap		Acidulated scrap		Marine oils		Meal imports	Year	Meal and scrap		Acidulated scrap		Marine oils		Meal imports
	Quantity	Value	Quantity	Value	Quantity	Value			Quantity	Value	Quantity	Value	Quantity	Value	
	196	197	198	199	200	201			202	196	197	198	199	200	
	1,000 tons	Mil. dol.	1,000 tons	Mil. dol.	Mil. gal.	Mil. dol.	1,000 tons		1,000 tons	Mil. dol.	1,000 tons	Mil. dol.	Mil. gal.	Mil. dol.	1,000 tons
1956	296	37.8	()	()	27	17.8	90	1988	188	7.0	22	0.4	35	18.5	40
1955	265	34.7	()	()	25	14.9	98	1987	188	6.9	32	.6	36	16.4	98
1954	257	32.8	()	()	22	12.8	146	1986	220	7.8	23	.4	40	15.8	44
1953	239	29.6	()	()	20	11.5	182								
1952	221	27.2	()	()	16	9.4	204	1985	188	5.2	30	.5	32	13.1	28
1951	210	25.4	()	()	18	16.6	128	1984	175	5.7	22	.4	30	6.4	36
								1983	121	3.7	9	.2	18	2.6	27
1950	240	29.3	()	()	22	17.5	64	1982	95	2.3	7	.1	12	1.4	24
1949	237	35.7	()	()	18	17.4	52	1981	75	2.9	9	.1	9	1.6	38
1948	200	23.1	()	()	17	31.0	41								
1947	187	22.4	1	()	17	31.8	9	1980	118	5.7	16	.4	15	4.2	-----
1946	200	20.4	2	0.1	20	34.7	9	1979	120	6.2	23	.6	15	6.8	-----
								1928	84	4.9	20	.5	12	5.2	-----
1945	199	14.3	2	.1	25	27.2	3	1927	72	3.8	20	.6	11	4.9	-----
1944	210	15.1	3	.1	28	31.0	9	1926	69	3.1	24	.5	11	5.0	-----
1943	189	13.6	2	.1	23	29.8	3								
1942	168	11.5	3	.1	21	22.6	22	1925	77	3.5	42	1.1	13	6.5	-----
1941	226	12.9	11	.3	29	29.6	33	1924	57	2.4	25	.5	9	4.3	-----
								1923	69	3.3	45	1.1	11	5.1	-----
1940	178	7.6	16	.3	25	12.0	46	1922	98	3.8	26	.6	11	4.2	-----
1939	210	8.8	16	.3	36	14.7	61	1921	62	2.7	44	.9	7	2.1	-----

¹ Included in series L 197-198.

Series L 203-204. Sponge Sales at the Tarpon Springs (Fla.) Exchange: 1913 to 1956

Year	Pounds	Value (\$1,000)									
	200	204		203	204		203	204			
1956	29,600	1,242	1945	208,447	2,716	1984	499,635	671	1923	519,582	734
1955	34,700	1,251	1944	186,027	2,552	1983	373,178	420	1922	556,097	699
1954	15,100	1,120	1943	217,855	2,305	1982	480,641	518	1921	404,729	540
1953	17,900	1,127	1942	184,280	1,700	1981	386,219	610			
1952	25,000	1,142	1941	201,126	1,365				1920	412,697	678
1951	15,800	1,110				1980	475,294	803	1919	456,558	708
			1940	232,164	847	1929	413,763	707	1918	355,695	583
1950	22,000	1,180	1939	423,682	1,036	1928	451,084	730	1917	487,943	870
1949	33,947	471	1938	580,183	952	1927	474,200	866			
1948	74,464	466	1937	561,943	1,097	1926	423,061	666	1914	468,457	566
1947	158,304	1,742	1936	623,226	1,035				1913	513,434	685
1946	156,916	2,946	1935	388,888	620	1925	494,183	715			
						1924	508,954	715			

¹ Includes sponges sold outside the Exchange.

² Drop in catch caused by serious outbreak of infection. Although infection died out, sponge beds have not yet recovered sufficiently.

Series L 205-206. Sealskins Obtained From the Pribilof Islands and Land-Based Production of Whales: 1910 to 1957

Year	Seal-skins obtained	Whales killed ¹	Year	Seal-skins obtained	Whales killed ¹	Year	Seal-skins obtained	Whales killed ¹	Year	Seal-skins obtained	Whales killed ¹
	205	206		205	206		205	206		205	206
1957	93,618	237	1945	76,964	-----	1933	54,550	382	1921	23,681	129
1956	122,826	145	1944	47,652	5	1932	49,836	319	1920	26,648	1,270
			1943	117,164	29	1931	49,524	-----	1919	27,821	1,004
1955	65,633	-----	1942	150	26				1918	34,890	637
1954	63,853	-----	1941	95,013	24	1980	42,500	655	1917	8,170	678
1953	66,673	-----				1929	40,068	722	1916	6,468	657
1952	63,922	-----	1940	65,263	29	1928	31,099	706			
1951	60,639	40	1939	60,473	232	1927	24,942	1,102	1915	3,947	864
			1938	58,364	174	1926	22,131	719	1914	2,735	697
1950	60,090	-----	1937	55,180	413	1925	19,860	638	1913	2,406	397
1949	70,891	49	1936	52,446	483	1924	17,219	687	1912	3,191	1,003
1948	70,142	67				1923	15,920	908	1911	12,188	-----
1947	61,447	33	1935	57,296	583	1922	31,166	1,170	1910	12,964	-----
1946	64,523	-----	1934	53,470	669						

¹ Whales processed at Alaska and Pacific Coast States land-based stations.