

Chapter J. Manufactures (Series J 1-180)

General Statistics: Series J 1-12

J 1-12. General statistics for all manufacturing industries, 1849-1939. SOURCE: Bureau of the Census, Sixteenth Census of the United States (1940), *Manufactures, 1939*, vol. I, tables 2 and 4, pp. 19-20; *Statistical Abstract of the United States, 1946*, table 923, p. 809. For "factories and hand and neighborhood industries," data for 1849-1899 are for all establishments with products valued at \$500 or more. For "factories excluding hand and neighborhood industries," data for 1914-1939 are for establishments reporting products to the value of \$5,000 or more. Limited data collected in 1921, 1923, and 1925, from establishments with products valued at less than \$5,000, show that (except for the number of establishments) the change in the minimum value-of-products limit did not materially impair the comparability of the data over time.

The basic source of comprehensive data on manufacturing production has been the Census of Manufactures conducted by the Bureau of the Census. This census was taken decennially from 1849 to 1899, for each fifth year thereafter through 1919, and biennially from 1921 through 1939. During the recent war years the Census of Manufactures was abandoned as directed by Executive Order No. 9152 in the interests of more important work related to the Nation's war effort.

Conceptually an establishment (series J 1) is a geographically isolated manufacturing unit maintaining independent bookkeeping records, regardless of its managerial or financial affiliations. An establishment—which may be a single plant or a group of closely located plants operated by a single plant or a group of closely located plants operated by a single company without separate records for each—is the basic reporting unit. In addition, the establishment is the basic unit of industrial classification, being assigned to an industry on the basis of its reported product of chief value.

The 1939 Census of Manufactures questionnaire for the first time called for personnel employed in distribution, construction, etc., separately from the manufacturing employees of the plants. Therefore, the data for earlier years shown for series J 3 and J 4 probably are not strictly comparable with those for 1939. It is not known how many of the wage earners and the salaried employees reported at previous censuses were engaged in distribution and construction, and how many were engaged in manufacturing. Wage earners include working foremen and "gang and straw bosses"; foremen whose duties are primarily supervisory are classified as salaried employees.

Figures for the cost of materials, fuel, etc. (series J 8), represent actual consumption during the year, not purchases made within the year. The cost of materials does not include replacements or construction material charged to capital accounts. It represents not only new and semi-manufactured materials, but also certain commodities (e. g., textiles, flour, and wire) which in some cases are sold to individual consumers as finished products, when they are used as materials for further processing.

Value of products (series J 9) are selling values at the factory or plant of all commodities produced, whether sold, transferred to other plants, or in stock. Because of duplication, that is, the use of the products of some establishments as materials in others, value of product is not always a satisfactory measure of the importance of a given industry. The net value of all manufactured products, exclusive of such duplication, is estimated to have been approximately two-thirds of the gross value for 1929. Value added by manufacture (series J 10), obtained by subtracting the cost of

materials from the value of products, is almost free of such duplication.

There have been changes in scope from one Census of Manufactures to another. Data from the last previous census are usually retabulated to make them as comparable as possible with the more recent census. Unless the change is to omit an entire industry for which separate tabulations are available during each census, these changes in scope usually are not carried back through more than the one previous census. For two major changes, the exclusion of hand and neighborhood industries after 1899 and the exclusion of plants with an annual products of \$500 to \$5,000 after 1914, it has been necessary to show, insofar as possible, data on two bases for the terminal year.

Indexes of Production: Series J 13-48

J 13. Index of manufacturing production 1899-1939. Base: 1899 = 100. SOURCE: For 1899-1937, see Fabricant, Solomon, *The Output of Manufacturing Industries, 1899-1937*, National Bureau of Economic Research, New York, 1940, table 1, p. 44; for 1938-1939, see same author, *Employment in Manufacturing, 1899-1939*, National Bureau of Economic Research, New York, 1942, p. 331. The index for census years has been constructed from basic data in the U. S. Census of Manufactures and other sources. (Details of method are described in chapter 2 and appendix A of the source volume cited first above.) Interpolations for intercensal years are based on annual indexes, less comprehensive in coverage, computed by Mills, F. C., *Economic Tendencies in the United States*, National Bureau of Economic Research, New York, 1932, p. 563; Persons, W. M., *Forecasting Business Cycles*, John Wiley and Sons, New York, 1931, p. 171; Stewart, W. W., "An Index Number of Production," *American Economic Review*, March 1921; and the Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, August 1940.

J 14. Index of manufacturing production, 1863-1930. Base: 1909-1913 = 100. SOURCE: Persons, Warren M., *Forecasting Business Cycles*, John Wiley and Sons, New York, 1931, table 12, pp. 170-171. This index is a weighted average of a number of leading manufactured commodities as follows: 6 in 1863-1867; 12 in 1867-1874; 21 in 1875-1899; and 30 in 1899-1930. For further details, see pp. 173-177 of the source.

J 15-29. Physical output, indexes for major groups of manufacturing industries, 1899-1939. Base: 1929 = 100. SOURCE: For 1899-1937 data, see Fabricant, Solomon, *The Output of Manufacturing Industries, 1899-1937*, National Bureau of Economic Research, New York, 1940, table 5, pp. 60-61; for 1939 data, see same author, *Employment in Manufacturing, 1899-1939*, National Bureau of Economic Research, New York, 1942, appendix F. These indexes cover only those years beginning with 1899 in which the Census of Manufactures was taken, namely quinquennially to 1919 and biennially thereafter. Because of inadequacy of data for most groups, no attempt was made to interpolate between intercensal years. (For details of method of construction see chapter 2 and appendix A of source volume cited first above.)

J 30-48. Manufacturing production, indexes by groups, 1919-1945. Base: 1935-1939 average = 100. SOURCE: For 1919-1942, see Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, October 1943, pp. 964-984; for 1943, see same, April 1944, pp. 384-385; for 1944-1945, see same, April 1946, pp. 422-423. About 100 individual series are used in constructing these indexes, which are computed monthly both with and without seasonal ad-

justment. Some of the individual series are based on production data, others relate to consumption or shipments, machinery-hours active or man-hours worked. In a number of instances man-hours worked are adjusted to allow for broad changes in output per man-hour. Many of the other series are adjusted to more accurate physical volume figures not available monthly. For weights and data used and description of method, see *Federal Reserve Bulletin*, October 1943, pp. 953-957.

Value of Output: Series J 49-148

J 49-96. Value of output of finished products and construction materials at producers' current prices, 1919-1933. SOURCE: Kuznets, Simon, *Commodity Flow and Capital Formation*, National Bureau of Economic Research, New York, 1938, vol. I, tables II-3 and VI-1, pp. 136-138 and 348. These estimates are derived from Census of Manufactures data, supplemented by less complete data for nonmanufactured finished commodities and construction materials, and for intercensal year interpolations. The estimates of finished commodities measure the value of commodities that have reached the form in which they are used by ultimate recipients—largely households in the case of consumers' goods, chiefly business and public enterprises in the case of producers' goods. Unfinished commodities and finished commodities that are used as materials in manufacturing other products, such as flour used by manufacturing bakeries, are omitted in order to avoid duplication in measuring the national economy's end-product. The estimates presented here exclude transportation and distribution costs, and hence are not in terms of prices to final users. Nor do they measure domestic consumption, for they make no allowance for either imports or inventory changes.

J 97-148. Value of output of finished commodities and construction materials at producers' current prices, 1869-1919. SOURCE: Shaw, William H., *Value of Commodity Output since 1869*, National Bureau of Economic Research, New York, 1947, table I-1, pp. 30-65. The procedures used in making these estimates are similar to those used for series J 49-96, although based, necessarily, on less adequate information.

Capital Expenditures: Series J 149-151

J 149-151. New manufacturing capital expenditures for plant and equipment, 1915-1940. SOURCE: Chawner, Lowell J., "Capital Expenditures for Manufacturing Plant and Equipment—1915 to 1940," Department of Commerce, *Survey of Current Business*, March 1941, p. 10. The plant expenditures (series J 150) refer to buildings (including heating, plumbing, and similar accessory equipment), and other fixed structures such as vats, blast furnaces, and docks. The estimates of factory building construction are based primarily on F. W. Dodge Corporation contract awards adjusted upward on the basis of information from other sources to take care of underenumeration and regions not covered by the Dodge reports. Estimates of plant construction other than buildings were derived by allocating to manufacturing capital a portion of the value of the products included as reported by the Bureau of the Census. The absolute magnitude of this series depends in an important degree upon allowances for mark-up and for installation and transportation costs, and allowances for under-reporting.

The equipment expenditures (series J 151) refer to movable equipment, and are based on Census of Manufactures data. Prior to 1923 allowance was made for under-reporting. Those items not used entirely in manufacturing were allocated on the basis of data from trade associations and specialists in the various machinery industries. For 1923 and subsequent years, intercensal year interpolations were made on the basis of a Bureau of Labor Statistics index of pay rolls of industrial-machinery manufacturers. For the intercensal years between 1914 and 1919, estimates were made by using annual reports from 5 States. The series was then adjusted for imports and exports, inventory changes, for the differences

between factory costs and cost to the industrial purchaser, and Census underenumeration.

Physical Output of Specific Commodities: Series J 152-180

J 152-164. Physical output (census years) of selected manufactured commodities, 1899-1939. SOURCE: For 1899-1937, see Fabricant, Solomon, *The Output of Manufacturing Industries, 1899-1937*, National Bureau of Economic Research, New York, 1940, pp. 395, 480, 481, 489, 490, 506, 517, 518, 522, and 574; for 1939 figures, see Bureau of the Census, Sixteenth Census of the United States (1940), *Manufactures, 1939*, vol. II, parts 1 and 2. The source of these data is the Census of Manufactures, supplemented where necessary by statistics from other sources. The data on rayon yarns (series J 153) comes from the Censuses of 1927 and 1931 to 1939, and the Textile Economics Bureau, Inc., *Rayon Organon*, for other years; they relate to production of rayon filament yarn and rayon staple fiber exclusively, and take no account of waste and other minor primary rayon items. In respect to the series on refrigerators (J 164), data on gas refrigerators were obtained from the Statistical Department of the American Gas Association, and on electric refrigerators from *Air Conditioning and Refrigeration News and Electrical Merchandising*. The figures relate to sales, not production. Data on refrigerators for more recent years are available in the above publications.

J 165-180. Physical output (annual data) of selected manufactured commodities, 1840-1945. SOURCE: Bureau of the Census, *Statistical Abstract of the United States*, 1947 and earlier issues. See also detailed listings below.

J 165-169. Steel ingots and castings production, 1867-1945. SOURCE: The series are those of the American Iron and Steel Institute as presented in the *Statistical Abstract*, 1908 to 1947 (various issues). Beginning in 1934, the figures include only that part of steel for castings which was made in foundries producing steel ingots.

J 170. Rolled iron and steel production, 1885-1945. SOURCE: For 1885-1929, see Burns, Arthur F., *Production Trends in the United States Since 1870*, National Bureau of Economic Research, New York, 1934, p. 300; for 1930-1945, see *Statistical Abstract*, 1947, table 969, p. 867. The basic sources of this series are the annual reports of the American Iron and Steel Institute. The figures include rails, plates and sheets, merchant bar and skelp production, wire rods, and structural shapes.

J 171. Leaf tobacco consumed in manufacturing, 1880-1945. SOURCE: For 1880-1929, see Burns, Arthur F., *Production Trends in the United States Since 1870*, National Bureau of Economic Research, New York, 1934, p. 300; for 1930-1945, see *Statistical Abstract*, 1947, table 930, p. 844. Primary source of data is the *Annual Report of the Commissioner of Internal Revenue*. The figures represent the equivalent in unstemmed leaf tobacco of stemmed leaf or scraps, cuttings, and clippings. The tobacco used in the manufacture of cigars and cigarettes was converted on the basis of 3 pounds of stemmed leaf or scraps, etc., to 4 pounds of unstemmed beginning 1915 (conversion prior to 1915 was at ratio of 3 to 5) and of tobacco and snuff beginning 1903. Data exclude tobacco used in bonded manufacturing warehouses.

J 172. Fermented malt liquor production, 1870-1945. SOURCE: For 1870-1929, see Burns, Arthur F., *Production Trends in the United States Since 1870*, National Bureau of Economic Research, New York, 1934, p. 292; for 1933-1938, see *Statistical Abstract*, 1942, table 920, p. 944; for 1939-1945, see *Statistical Abstract*, 1946, table 954, p. 859. The primary source of this series is the *Annual Report of the Commissioner of Internal Revenue*.

J 173. Distilled spirits production, 1870-1941. SOURCE: For 1870-1929, see Burns, Arthur F., *Production Trends in the United States Since 1870*, National Bureau of Economic Research, New York, 1934, p. 292; for 1930-1933, see *Statistical Abstract*, 1936, table 804,

p. 787; for 1934-1941, see *Statistical Abstract*, 1942, table 920, p. 944. The primary source of this series is the *Annual Report of the Commissioner of Internal Revenue*. The figures include industrial alcohol. Figures for 1942-1945 are not shown because they exclude ethyl alcohol and are therefore not comparable with those in this series.

J 174. Cigarette production, 1880-1945. SOURCE: For 1880-1929, see Burns, Arthur F., *Production Trends in the United States Since 1870*, National Bureau of Economic Research, New York, 1934, p. 298; for 1930-1934, see *Statistical Abstract*, 1936, table 801, p. 786; for 1935-1945, see *Statistical Abstract*, 1947, table 931, p. 845. The primary source of this series is the *Annual Report of the Commissioner of Internal Revenue*.

J 175. Cottonseed oil production, 1919-1945. SOURCE: Bureau of the Census, *Bulletin 183, Cotton Production and Distribution*, 1946, table 30, p. 57. These figures relate to the year ending July 31

J 176. Wool consumed in manufactures, scoured basis, 1922-1945. SOURCE: *Statistical Abstract*, 1946, table 739, p. 655. The primary source of these data is the Bureau of the Census.

J 177-178. Men's and women's leather shoe production, 1899-1945. SOURCE: *Statistical Abstract* (various issues) 1929-1946; Fabricant, Solomon, *The Output of Manufacturing Industries, 1899-1937*, National Bureau of Economic Research, New York, 1940, p. 474. The data have been compiled by the Bureau of the Census since 1925 from monthly reports of manufactures. Figures show thousands of pairs of leather uppers for men's and women's shoes. They do not include youth's and boy's, misses', children's, infants', athletic, part leather, or nonleather shoes.

J 179. Cotton consumed in manufacturing (including linters), 1840-1945. SOURCE: Bureau of the Census, *Bulletin 183, Cotton Production and Distribution*, 1946, table 16, p. 31, and table 13, p. 26. Data include linters for the period 1909-1945; data prior to 1909 are exclusive of linters.

J 180. Active cotton system spindles consuming cotton, 1840-1945. SOURCE: Bureau of the Census, *Bulletin 183, Cotton Production and Distribution*, 1946, table 16, p. 31.

Series J 1-12.—MANUFACTURES—GENERAL STATISTICS FOR ALL MANUFACTURING INDUSTRIES: 1849 TO 1939

[Data for 1849-1914 include all establishments having products valued at \$500 or more; for 1914-1939, those having products valued at \$5,000 or more. While the data have been adjusted for the principal changes in the scope of the Census of Manufactures, such as the omission of entire industries, it has not been possible to carry through all adjustments for minor change.]

YEAR	Number of establishments	PERSONS ENGAGED			SALARIES AND WAGES (THOUSANDS OF DOLLARS)			COST AND VALUE (THOUSANDS OF DOLLARS)			HORSEPOWER ⁴ (THOUSANDS)	
		Proprietors and firm members	Salaried officers and employers	Wage earners (average for year)	Total	Salaries	Wages	Cost of materials, fuel, etc. ^{1 2}	Value of products ²	Value added by manufacture ³	Prime movers	Motors run by purchased energy
Factories excluding hand and neighborhood industries ⁵												
1939	184,230	123,655	1,048,607	7,886,567	11,630,298	2,540,357	9,089,941	⁴ 32,160,107	56,843,025	724,682,918	21,239	29,213
1937	166,794	99,268	1,217,171	8,569,231	12,829,749	2,716,866	10,112,883	⁴ 35,539,333	60,712,372	725,173,539	(⁶)	(⁶)
1935	167,916	81,521	1,058,501	7,209,794	9,564,754	2,253,425	7,311,329	⁴ 26,441,145	44,993,699	718,552,553	(⁶)	(⁶)
1933	139,325	72,267	¹⁰ 770,314	5,787,611	6,237,800	¹⁰ 1,297,654	4,940,146	16,549,788	30,557,328	14,007,540	(⁶)	(⁶)
1931	171,450	(¹¹)	(¹¹)	6,163,144	(¹¹)	(¹¹)	6,688,541	21,229,356	39,829,888	18,600,532	(⁶)	(⁶)
1929	206,663	132,686	1,290,037	8,369,705	14,284,282	3,399,363	10,884,919	37,402,606	67,994,041	30,591,435	19,328	21,794
1927	187,629	132,151	1,223,982	7,848,070	13,123,135	3,023,670	10,099,465	34,010,075	60,335,469	26,325,394	18,902	18,224
1925	183,877	132,971	1,186,862	7,871,409	12,732,194	2,752,545	9,979,649	35,141,601	60,893,225	25,667,624	19,243	15,116
1923	192,096	147,958	1,280,488	8,194,170	12,996,460	2,847,856	10,148,624	33,611,809	58,181,296	24,569,487	(⁶)	(⁶)
1921	192,059	172,291	1,081,890	6,475,474	9,870,199	2,418,900	7,451,299	24,397,078	41,649,853	17,252,775	(⁶)	(⁶)
1919	210,268	249,881	1,371,888	8,423,964	12,373,907	2,762,905	9,611,002	36,229,015	59,964,027	23,735,012	19,432	8,965
1914 ¹²	173,588	(¹¹)	(¹¹)	6,475,567	(¹¹)	(¹¹)	(¹¹)	13,811,541	23,050,316	9,238,775	(¹¹)	(¹¹)
1914 ¹³	268,450	258,565	911,853	6,603,063	5,116,361	1,333,717	3,732,644	13,891,441	23,277,631	9,386,190	17,917	3,765
1909	264,326	272,426	750,537	6,262,242	4,106,201	900,654	3,205,543	11,783,160	19,945,249	8,162,039	16,393	1,669
1904	213,444	225,115	493,297	5,181,660	2,990,924	550,073	2,440,851	8,233,790	14,252,961	6,019,171	12,605	423
1899	204,750	(¹⁴)	348,100	4,501,919	2,253,654	366,080	1,892,574	6,335,970	11,032,951	4,646,981	9,633	178
Factories and hand and neighborhood industries												
1899	512,191			5,306,143			2,320,938	7,343,628	13,000,149	5,656,521		
1889	355,405			4,251,535			1,891,220	5,162,014	9,372,379	4,210,365		
1879	253,852			2,732,595			¹⁵ 947,954	¹⁵ 3,396,824	5,369,579	1,972,756		
1869	252,148			2,053,996			¹⁵ 620,467	¹⁵ 1,990,742	¹⁵ 3,385,860	¹⁵ 1,395,119		
1859	140,433			1,311,246			378,879	1,031,605	1,885,862	854,257		
1849	123,025			957,059			236,755	555,124	1,019,107	463,983		

¹ Comprises cost of materials, supplies, fuel, and purchased electric energy.
² For limitations of Value of Products data, see text, p. 176.
³ Value of products less cost of materials, supplies, fuel, and purchased energy.
⁴ Rated capacity of horsepower equipment.
⁵ The figures for 1899 to 1929, inclusive, have been revised by the deduction of the data for railroad repair shops (both steam and electric), for the industries "coffee and spice, roasting and grinding," "flax and hemp, dressed," "gas, manufactured, illuminating and heating," and "peanuts, walnuts, and other nuts, processed or shelled," and also for "motion pictures, not including projection in theaters," where the figures had not been previously deducted. The figures for the "automobile repairing" industry also have been deducted from the statistics for 1914 and 1919, the only years for which this industry was canvassed. For 1914 not every item was tabulated separately for establishments reporting products valued at less than \$5,000 and therefore the information necessary for making such adjustments was not available in all cases.
⁶ Includes cost of contract work.
⁷ Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. Not strictly comparable with figures for years prior to 1935.
⁸ Not called for on schedule.
⁹ Figures not available.
¹⁰ Not including data for salaried officers of corporations and their salaries and therefore not strictly comparable with figures for other years.
¹¹ No data.
¹² Includes establishments having products valued at \$5,000 or more.
¹³ Includes establishments having products valued at \$500 or more.
¹⁴ No comparable data.
¹⁵ Reduced to gold basis.

Series J 13-14.—MANUFACTURING PRODUCTION—INDEXES OF TOTAL PRODUCTION: 1863 TO 1939

[NBER, 1899=100. Persons, 1909-1913=100]

YEAR	INDEXES OF MANUFACTURING PRODUCTION		YEAR	INDEXES OF MANUFACTURING PRODUCTION		YEAR	INDEXES OF MANUFACTURING PRODUCTION		YEAR	Index of mfg. production, WMP ²	YEAR	Index of mfg. production, WMP ²
	NBER ¹	WMP ²		NBER ¹	WMP ²		NBER ¹	WMP ²				
1939	374		1923	280	169.8	1907	161	91.2	1892	48.6	1877	19.1
1938	295		1922	249	143.1	1906	159	91.8	1891	48.4	1876	16.9
1937	376		1921	194	108.1							
1936	353					1905	148	86.4	1890	44.3	1875	16.9
1935	301		1920	242	139.7	1904	124	73.7	1889	41.5	1874	17.5
1934	252		1919	222	131.7	1903	132	74.9	1888	37.3	1873	17.9
1933	228		1918	254	134.8	1902	129	73.7	1887	36.6	1872	18.3
1932	197		1917	257	137.1	1901	115	67.6	1886	35.2	1871	14.9
1931	262		1916	259	136.0							
			1915	218	114.1	1900	102	61.0	1885	29.7	1870	13.7
1930	311	153.3	1914	186	102.1	1899	100	60.4	1884	30.8	1869	14.0
1929	364	192.9	1913	198	111.1	1898		57.3	1883	30.6	1868	11.5
1928	332	181.5	1912	185	106.9	1897		53.0	1882	30.9	1867	11.8
1927	317	173.9	1911	161	92.4	1896		47.2	1881	27.4	1866	11.4
1926	316	178.7				1895		51.4	1880	27.0	1865	8.5
			1910	168	96.0	1894		42.2	1879	21.7	1864	8.7
1925	298	175.1	1909	158	93.6	1893		43.0	1878	20.0	1863	7.5
1924	266	156.4	1908	133	76.1							

¹ National Bureau of Economic Research index of physical output, all manufacturing industries.
² Warren M. Persons, index of physical production of manufacturing.

Series J 15-29.—PHYSICAL OUTPUT—INDEXES FOR MAJOR GROUPS OF MANUFACTURING INDUSTRIES (NBER): 1899 TO 1939

[1929=100. Total includes machinery and miscellaneous products, for which there are no adequate quantity data for any period listed]

YEAR	Total, manufacturing	Foods	Beverages ¹	Tobacco products	Textile products	Leather products	Paper products	Printing and publishing	Chemical products	Petroleum and coal products	Stone, clay, and glass products	Forest products	Iron and steel products	Non-ferrous metal products	Transportation equipment
	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
1939	(²)	111	108	120	119	108	181	97	133	121	98	80	82	89	74
1937	103	104	100	117	106	108	122	102	124	114	100	76	89	89	91
1935	83	92	70	101	99	100	102	87	101	92	69	59	61	66	72
1933	63	82	17	88	85	86	84	72	84	78	47	46	45	47	33
1931	72	91	-----	93	87	80	86	84	87	84	67	63	54	64	46
1929	100	100	-----	100	100	100	100	100	100	100	100	100	100	100	100
1927	87	90	-----	90	94	97	89	90	83	83	100	99	87	84	68
1925	82	85	-----	81	86	85	77	82	70	75	91	103	87	79	76
1923	77	80	-----	74	82	95	70	73	64	64	-----	91	84	-----	76
1921	54	64	-----	66	64	75	50	52	42	41	-----	83	46	-----	38
1919	61	65	23	69	67	90	53	54	52	39	-----	79	59	-----	61
1914	51	53	76	53	72	81	46	47	42	21	-----	82	48	-----	20
1909	43	45	63	43	60	83	37	36	31	16	-----	83	44	-----	10.7
1904	34	37	55	37	48	74	26	26	23	10.2	-----	76	29	-----	7.5
1899	28	30	43	30	38	64	18	17	19	8.7	-----	82	21	-----	7.3

¹ The index for beverages is on the 1937 base.

² Not shown in source volume computed to 1929 base. Index number for 1929 and 1939 on 1899 base are shown in source volume as 364 and 374, respectively.

Series J 30-48.—MANUFACTURING PRODUCTION—INDEXES BY GROUPS (FEDERAL RESERVE BOARD): 1919 TO 1945

[1935-1939 average=100. For Federal Reserve Board indexes for minerals, see series G 6-8]

YEAR	Total, manufacturing	DURABLE MANUFACTURES							NONDURABLE MANUFACTURES										
		Total, durable	Iron and steel	Machinery	Transportation equipment	Non-ferrous metal and products	Lumber and products	Stone, clay, and glass products	Total, nondurable ¹	Textiles and products	Leather and products	Manufactured food products	Alcoholic beverages	Tobacco products	Paper and products	Printing and publishing	Petroleum and coal products	Chemical products	Rubber products
		30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47
1945	214	274	183	343	487	204	109	163	166	146	117	150	178	136	139	108	235	234	215
1944	252	353	206	439	719	259	125	164	171	143	113	152	144	125	139	101	247	324	234
1943	268	360	208	443	735	267	129	173	176	153	114	145	117	133	139	111	185	384	228
1942	212	279	199	340	464	214	134	168	158	157	122	134	118	131	142	115	147	278	172
1941	168	201	186	221	245	191	134	162	142	152	123	127	117	120	150	127	135	176	163
1940	126	139	147	136	145	139	116	124	115	114	98	113	101	109	123	112	120	130	123
1939	109	109	114	104	103	113	106	114	109	112	105	108	98	106	114	106	110	112	113
1938	87	78	68	82	72	80	90	92	95	85	93	101	96	102	95	96	100	96	83
1937	113	122	123	126	123	122	113	114	106	106	102	103	108	103	107	109	108	112	104
1936	104	108	114	105	110	104	105	103	100	104	103	98	109	99	98	99	97	99	107
1935	87	83	81	83	93	80	85	77	90	93	99	89	89	90	86	89	85	89	93
1934	74	65	61	69	69	62	64	64	81	76	91	88	74	87	75	80	79	83	86
1933	68	54	54	50	48	60	63	54	79	88	88	83	-----	80	76	75	74	76	77
1932	57	41	32	43	38	52	51	51	70	71	76	79	-----	79	65	74	69	68	64
1931	75	67	61	66	62	83	76	77	79	79	82	90	-----	87	74	88	80	78	72
1930	90	98	97	100	91	106	105	96	84	74	84	100	-----	93	79	97	89	87	78
1929	110	132	133	130	134	136	146	110	93	94	95	101	-----	96	85	104	96	89	100
1928	99	117	121	106	108	118	142	110	85	87	93	93	-----	92	79	96	87	73	98
1927	94	107	108	99	89	108	144	106	83	92	94	88	-----	90	74	93	78	73	83
1926	95	114	115	102	109	113	148	105	79	84	90	87	-----	88	72	92	76	70	80
1925	90	107	108	89	106	104	148	101	76	84	88	85	-----	85	66	84	69	63	81
1924	81	95	90	81	94	93	139	91	69	72	86	81	-----	83	61	79	59	56	66
1923	86	103	109	86	110	90	143	87	72	83	99	82	-----	84	58	74	56	57	63
1922	74	81	85	-----	-----	-----	-----	73	67	79	93	77	-----	77	-----	-----	-----	-----	-----
1921	56	53	48	-----	-----	-----	-----	58	57	69	82	68	-----	74	-----	-----	-----	-----	-----
1920	74	93	102	-----	-----	-----	-----	61	60	67	86	69	-----	75	-----	-----	-----	-----	-----
1919	72	84	84	-----	-----	-----	-----	50	62	73	94	77	-----	72	-----	-----	-----	-----	-----

¹ Beginning January 1942 includes industrial alcohol produced in the alcoholic beverage industry. Figures not available for publication separately.

Series J 49-96.—VALUE OF OUTPUT—FINISHED PRODUCTS AND CONSTRUCTION MATERIALS AT PRODUCERS' CURRENT PRICES (KUZNETS): 1919 TO 1933

[In thousands of dollars]

YEAR	Grand total, all finished commodities ¹	PERISHABLE							
		Total, perishable ²	Food and kindred products		Cigars, cigarettes, and tobacco	Drug, toilet, and household preparations	Magazines, newspapers, stationery, and misc. paper products	Fuel and lighting products	
			Manufactured	Nonmanufactured				Manufactured and petroleum products	Coa
	49	50	51	52	53	54	55	56	57
1933	18,202,800	10,361,309	5,600,036	1,465,017	917,069	731,664	645,526	745,974	198,282
1932	17,493,885	10,313,966	5,265,830	1,490,473	1,013,720	718,823	630,666	871,457	209,529
1931	23,948,785	12,765,505	6,866,542	1,877,422	1,163,001	918,791	806,717	773,912	290,470
1930	31,261,054	15,945,104	8,730,123	2,576,670	1,149,822	1,009,340	918,538	1,115,329	366,321
1929	38,107,269	17,796,692	8,769,316	2,866,964	1,252,466	1,112,272	998,814	1,318,436	412,250
1928	35,884,348	17,034,384	9,398,114	2,751,276	1,176,945	1,051,537	926,506	1,228,690	416,413
1927	34,238,866	16,338,145	9,120,362	2,643,774	1,172,674	957,336	894,794	1,022,246	452,490
1926	35,577,868	16,839,947	9,371,696	2,671,427	1,135,127	895,062	872,892	1,306,633	513,433
1925	33,779,341	15,907,486	9,076,097	2,484,465	1,102,096	880,264	848,973	1,062,734	383,595
1924	30,767,875	14,793,254	8,413,341	2,273,762	1,080,737	819,805	792,104	837,903	508,231
1923	31,841,221	14,323,730	7,986,037	2,279,232	1,057,691	794,749	778,764	800,383	562,680
1922	26,960,812	13,278,094	7,245,858	2,248,309	1,009,148	708,781	693,645	952,310	363,935
1921	25,583,783	13,270,609	7,022,262	2,594,148	1,060,436	636,137	650,136	766,301	487,270
1920	37,615,527	18,753,483	11,186,468	2,777,447	1,203,880	877,441	951,227	1,130,805	556,763
1919	34,548,704	17,446,883	11,089,628	2,715,425	1,015,535	775,800	636,139	730,582	419,537

YEAR	SEMI-DURABLE							CONSUMERS' DURABLE		
	Total, semi-durable	Dry goods and notions	Clothing and personal furnishings	Shoes and other footwear	Misc. house furnishings	Toys, games, and sporting goods	Tires and tubes	Total, consumers' durable	Household furniture	Stoves, ranges, and water heaters
1933	3,926,841	504,383	2,224,551	598,815	251,389	135,541	212,162	2,291,786	234,822	73,878
1932	3,646,765	397,968	2,137,459	547,757	217,062	136,713	209,806	2,024,002	218,452	70,935
1931	5,076,006	558,910	3,025,843	706,916	297,983	191,373	294,981	3,228,566	347,714	108,299
1930	6,259,970	703,386	3,689,071	862,569	402,982	238,512	363,450	4,279,091	449,617	134,327
1929	7,718,429	975,266	4,419,179	1,084,714	482,191	284,718	472,361	6,361,363	625,330	139,638
1928	7,647,753	952,589	4,238,534	1,077,711	463,178	271,256	594,485	6,018,295	656,672	159,254
1927	7,668,407	994,146	4,263,120	1,080,434	457,305	258,191	620,211	5,476,190	654,370	200,305
1926	7,582,630	1,010,932	4,079,619	1,076,747	502,849	247,573	664,910	6,105,231	669,611	196,376
1925	7,435,937	1,052,839	4,040,131	1,047,492	462,818	233,801	598,856	5,801,671	654,762	200,595
1924	6,665,882	905,897	3,646,976	1,064,470	408,990	227,372	412,177	4,989,485	645,600	186,566
1923	7,546,286	1,119,151	4,236,790	1,131,126	429,474	253,923	375,822	5,289,122	609,408	197,145
1922	6,578,920	898,551	3,775,589	955,610	347,788	199,114	362,268	3,956,994	523,888	135,239
1921	5,893,824	808,008	3,278,501	955,964	313,772	188,597	348,982	3,196,526	486,003	109,211
1920	8,376,898	1,213,891	4,303,299	1,371,752	442,972	312,559	732,425	4,873,181	644,200	133,349
1919	7,522,229	1,093,290	3,864,589	1,257,439	369,485	347,716	589,660	3,938,586	527,056	145,890

YEAR	CONSUMERS' DURABLE—continued									
	Heavy household appliances, including mechanical refrigerators	House-furnishings, durable	China and household utensils	Portable household electric appliances and other supplies	Radio apparatus and equipment	Musical instruments	Jewelry, silve rware, clocks, and watches	Printing and publishing: Books	Luggage	Passenger cars
1933	152,738	237,707	135,507	53,126	104,028	25,873	100,073	95,312	17,594	757,009
1932	115,129	191,427	125,614	40,480	100,006	37,532	93,112	106,457	16,966	626,513
1931	198,068	282,888	168,794	72,622	164,230	52,071	150,395	146,438	27,062	1,123,556
1930	223,726	305,383	178,306	89,219	244,734	111,368	207,290	180,403	41,063	1,643,172
1929	268,741	492,027	248,063	106,985	388,476	120,543	288,490	199,015	64,801	2,799,737
1928	239,711	480,579	250,122	101,438	317,012	159,123	288,116	185,941	62,605	2,557,230
1927	214,982	449,457	208,208	99,946	192,633	138,103	286,562	173,163	60,750	2,174,719
1926	225,366	456,335	245,977	107,362	219,341	201,840	286,502	160,822	61,203	2,679,418
1925	179,714	468,670	216,729	96,879	173,473	185,010	286,338	154,991	61,231	2,523,304
1924	146,113	429,743	163,377	84,551	147,836	190,225	269,058	150,063	53,235	2,034,034
1923	135,209	477,211	214,640	87,235	53,422	229,458	287,574	135,279	63,810	2,278,231
1922	114,703	367,094	147,791	63,664	23,594	200,219	237,947	129,261	48,473	1,596,346
1921	88,235	286,367	146,927	65,537	12,920	177,524	211,459	126,256	47,051	1,147,410
1920	181,840	437,312	232,123	88,339	18,034	281,721	293,213	144,916	72,056	1,792,635
1919	109,822	325,974	174,827	71,565	15,124	258,077	306,307	132,699	64,864	1,365,577

¹ Excludes construction materials.

² This total is greater than the sum of the figures shown because it includes "miscellaneous perishable commodities" for which figures are not shown separately.

Series J 49-96.—VALUE OF OUTPUT—FINISHED PRODUCTS AND CONSTRUCTION MATERIALS
AT PRODUCERS' CURRENT PRICES (KUZNETS): 1919 TO 1933—Con.

[In thousands of dollars]

YEAR	CONSUMERS' DURABLE—continued					PRODUCERS' DURABLE				Total, construction materials
	Auto parts and accessories	Motorcycles, bicycles, and accessories	Pleasure craft	Ophthalmic products and surgical and orthopedic appliances	Monuments and tombstones	Total, producers' durable	Industrial machinery and equipment	Electrical appliances, industrial and commercial	Farm machinery, tractors, and wagons	
	78	79	80	81	82	83	84	85	86	
1933-----	228,247	10,161	4,911	39,954	20,846	1,622,864	618,079	182,396	103,722	
1932-----	211,944	6,510	9,487	32,733	25,705	1,509,152	568,053	196,993	96,096	
1931-----	278,083	11,544	17,072	41,180	43,550	2,878,708	1,047,574	480,291	226,912	
1930-----	326,067	15,043	25,094	49,341	54,938	4,776,889	1,630,225	701,252	521,047	
1929-----	407,584	18,273	26,723	53,252	63,635	6,230,785	2,210,362	976,832	621,195	
1928-----	411,660	20,445	17,698	49,719	60,970	5,183,916	1,807,923	872,119	560,802	
1927-----	419,814	17,323	18,108	50,779	61,913	4,756,124	1,616,461	718,918	514,804	
1926-----	440,191	20,654	22,770	47,632	63,831	5,050,060	1,727,916	751,871	525,484	
1925-----	444,269	20,555	15,285	47,581	66,785	4,634,247	1,601,707	643,971	455,421	
1924-----	337,247	21,508	14,261	49,615	66,443	4,319,254	1,400,715	633,501	382,941	
1923-----	355,793	27,020	12,366	59,257	65,564	4,682,083	1,600,114	580,129	440,202	
1922-----	243,440	16,758	6,291	49,667	47,619	3,146,804	1,172,185	402,193	237,893	
1921-----	169,470	18,060	9,546	47,570	46,930	3,222,824	1,094,027	393,300	350,114	
1920-----	313,403	41,872	14,995	69,280	63,793	5,611,965	1,884,894	540,796	573,076	
1919-----	282,574	40,426	14,195	59,459	44,150	5,641,006	1,667,430	446,914	668,173	

YEAR	PRODUCERS' DURABLE—continued									Total, construction materials
	Office and misc. ma- chinery and equipment	Office and store furniture and fixtures	Locomotives and railroad cars	Ships and boats	Business motor vehicles	Aircraft	Professional and scientific equipment	Carpenters' and mechanics' tools	Miscellaneous subsidiary durable equipment	
	87	88	89	90	91	92	93	94	95	
1933-----	139,311	72,057	16,952	18,517	179,302	23,133	49,071	52,465	172,859	1,616,900
1932-----	138,673	76,810	41,814	26,290	137,539	19,831	48,247	33,367	125,439	1,430,200
1931-----	212,311	155,563	85,443	47,631	273,174	32,950	73,605	58,678	184,576	2,670,800
1930-----	304,181	208,636	385,818	61,206	417,708	34,833	124,096	107,559	280,328	3,942,600
1929-----	383,677	295,967	379,748	56,676	623,135	61,474	145,223	136,622	339,874	5,214,400
1928-----	375,601	252,050	270,590	37,931	410,446	52,455	123,790	143,377	276,832	4,995,500
1927-----	343,851	255,262	355,494	39,219	373,207	20,291	118,302	115,513	285,302	5,063,400
1926-----	336,958	248,481	444,484	52,460	425,052	17,885	104,731	121,731	293,007	5,345,200
1925-----	319,521	242,043	392,178	37,417	427,954	10,856	103,372	121,778	273,029	5,191,800
1924-----	280,878	235,271	534,645	36,868	343,276	11,177	90,156	117,202	192,624	4,690,700
1923-----	271,373	206,399	706,675	33,737	337,871	11,498	88,341	125,962	279,782	4,887,700
1922-----	199,476	140,270	297,788	51,815	246,132	8,894	71,349	95,679	223,130	3,756,500
1921-----	186,541	118,462	354,616	208,878	180,784	6,289	67,518	75,821	186,974	3,114,700
1920-----	259,901	138,555	625,726	592,333	379,688	9,326	102,032	154,103	351,555	5,064,000
1919-----	225,432	102,868	612,768	1,008,070	379,728	12,363	83,421	143,948	294,891	3,742,700

Series J 97-148.—VALUE OF OUTPUT—FINISHED COMMODITIES AND CONSTRUCTION MATERIALS AT PRODUCERS' CURRENT PRICES (SHAW): 1869 TO 1919

[In thousands of dollars]

YEAR	Grand total, all finished commodities ¹	PERISHABLE								SEMI-DURABLE	
		Total, perishable	Food and kindred products		Cigars, cigarettes, and tobacco	Drug, toilet and household preparations	Magazines, newspapers, misc. paper supplies, etc. ²	Fuel and lighting products		Total, semidurable	Dry goods and notions
			Manu- factured	Nonmanu- factured				Manu- factured	Nonmanu- factured		
1919	35,859,806	18,826,797	10,840,581	4,714,256	1,024,458	691,807	479,837	631,825	444,533	7,030,907	985,642
1918	31,812,607	16,926,036	9,724,309	4,212,043	871,610	665,474	457,019	579,049	416,532	6,229,167	931,500
1917	25,864,526	13,720,964	7,520,597	3,832,010	628,823	532,053	415,928	424,665	366,888	4,983,650	682,477
1916	19,411,321	10,289,698	5,802,898	2,651,111	517,823	435,917	358,284	261,990	261,675	3,719,885	498,794
1915	14,741,222	8,400,718	4,680,578	2,281,731	473,193	346,821	256,400	141,454	220,541	2,788,855	348,257
1914	14,231,028	8,349,257	4,601,972	2,314,780	494,375	300,088	251,537	159,581	226,924	2,681,948	320,294
1913	14,898,094	8,308,515	4,582,235	2,255,898	493,227	304,949	241,481	190,605	235,320	2,858,798	324,073
1912	14,229,512	8,156,988	4,464,489	2,351,904	468,101	298,326	228,778	141,410	213,980	2,702,631	329,767
1911	12,929,371	7,569,564	4,116,154	2,183,253	449,714	286,963	208,259	119,314	205,907	2,523,077	301,748
1910	12,731,580	7,419,849	3,917,026	2,252,147	452,127	275,110	207,366	121,235	194,838	2,352,822	317,247
1909	11,859,316	6,969,559	3,728,926	2,057,156	421,995	256,366	204,230	125,064	175,822	2,377,183	328,914
1908	10,334,814	6,102,886	3,137,822	1,869,381	393,225	241,117	154,032	126,054	181,255	2,093,985	266,334
1907	11,656,473	6,570,115	3,564,065	1,833,134	397,080	256,132	194,230	128,940	196,484	2,225,209	330,357
1906	10,885,607	6,055,366	3,309,214	1,677,370	390,297	230,758	182,949	103,444	161,334	2,165,427	306,550
1905	9,581,725	5,487,808	3,026,731	1,505,925	351,547	220,338	170,737	95,038	166,992	1,866,637	281,649
1904	8,847,321	5,281,787	2,750,189	1,582,566	333,940	185,702	158,706	109,870	160,834	1,689,707	255,137
1903	8,820,323	5,154,455	2,689,316	1,489,980	342,383	186,282	152,188	112,030	182,296	1,668,311	264,243
1902	8,381,643	4,949,680	2,614,332	1,495,353	321,771	176,240	143,661	90,099	102,169	1,545,394	260,569
1901	7,949,228	4,814,133	2,583,019	1,396,984	326,208	157,889	133,078	85,000	131,960	1,466,931	235,671
1900	7,296,141	4,285,784	2,283,754	1,233,618	303,729	138,624	120,428	100,606	105,025	1,403,860	233,520
1899	6,751,463	4,006,640	2,160,531	1,141,120	266,180	137,712	111,221	88,053	101,823	1,312,692	218,944
1898	5,885,769	3,631,742	1,920,558	1,107,365	227,173	124,789	101,592	64,230	86,030	1,115,891	194,816
1897	5,488,305	3,368,236	1,794,586	1,017,143	197,195	116,707	90,924	62,642	89,039	1,067,895	189,519
1896	5,054,286	3,073,213	1,584,429	909,162	192,341	114,541	87,810	93,060	91,870	977,012	173,175
1895	5,225,982	3,235,847	1,581,907	1,058,072	201,241	112,800	92,434	96,012	92,881	1,006,647	201,127
1894	4,856,745	3,077,903	1,513,331	1,000,622	216,555	103,623	91,224	62,147	90,346	911,770	176,943
1893	5,519,985	3,431,894	1,705,938	1,153,361	215,940	105,821	95,962	54,220	100,652	1,035,026	207,326
1892	5,369,295	3,060,679	1,433,612	1,036,877	226,685	106,081	106,605	52,332	98,487	1,155,097	235,491
1891	5,334,961	3,123,884	1,498,842	1,053,215	223,420	99,429	97,310	62,818	88,850	1,102,733	232,346
1890	5,017,701	2,854,433	1,350,188	953,590	209,856	91,417	93,631	75,573	80,178	1,076,900	227,606
1889	5,116,497	3,052,466	1,607,913	936,291	197,414	82,915	91,038	59,652	77,243	1,036,240	223,295
1879	3,472,384	2,083,396	1,067,608	701,258	117,401	41,707	60,073	39,887	55,462	777,475	227,534
1869	2,723,582	1,586,097	681,620	686,161	72,208	37,866	28,807	29,699	49,736	596,541	170,831

YEAR	SEMI-DURABLE—continued					CONSUMER DURABLE				
	Clothing and personal furnishings	Shoes and other footwear	House-furnishings	Toys, games, and sporting goods	Tires and tubes	Total, consumer durable	Household furniture	Heating and cooking apparatus etc. ³	Electrical household appliances and supplies	Floor coverings
1919	3,866,186	1,258,542	212,906	161,292	546,339	3,967,940	498,005	266,576	84,244	151,397
1918	3,360,770	1,076,441	198,817	154,115	507,524	2,723,439	331,594	218,924	67,468	116,588
1917	2,618,117	899,964	154,355	282,547	346,190	2,866,786	303,748	196,990	58,605	114,409
1916	2,039,326	746,695	110,236	150,735	174,099	2,428,149	273,968	144,575	40,671	103,995
1915	1,550,203	557,250	84,437	80,311	113,397	1,729,814	214,320	121,489	22,924	73,597
1914	1,574,867	541,027	86,850	61,898	97,012	1,553,358	225,430	112,133	18,256	80,142
1913	1,689,693	602,583	92,143	58,672	91,634	1,651,846	241,906	127,066	22,121	90,952
1912	1,625,003	548,874	82,329	54,108	62,550	1,517,586	225,509	133,727	19,657	88,899
1911	1,526,644	516,545	77,680	51,756	48,704	1,301,266	208,403	105,958	15,734	81,116
1910	1,367,962	500,633	80,805	47,773	38,402	1,280,743	206,565	98,792	16,312	84,458
1909	1,421,529	480,233	73,431	47,844	25,182	1,148,356	195,231	95,095	11,816	73,992
1908	1,254,852	462,807	58,366	38,686	18,940	974,169	155,705	85,316	7,722	58,657
1907	1,291,482	466,925	66,237	52,937	17,221	1,117,482	188,808	102,737	10,181	77,491
1906	1,274,677	459,197	67,707	43,512	13,784	1,057,516	193,193	104,828	8,021	77,958
1905	1,069,235	405,231	54,273	39,779	10,470	898,308	163,693	86,885	4,737	66,985
1904	964,577	376,803	51,228	35,285	6,677	782,886	145,181	74,450	3,298	61,987
1903	962,763	360,039	52,275	39,713	5,278	776,999	142,218	79,885	3,753	65,001
1902	862,456	332,462	51,853	31,784	6,270	742,008	131,665	79,419	3,236	60,560
1901	812,763	333,390	47,972	30,235	6,900	677,207	121,132	71,333	2,550	50,805
1900	794,269	294,355	48,498	24,798	8,420	629,037	109,594	62,481	2,384	48,371
1899	719,035	296,256	41,370	23,778	13,309	603,369	106,740	59,757	1,858	46,987
1898	582,882	263,769	34,831	20,003	19,590	511,090	91,819	46,790	—	38,015
1897	555,880	247,937	34,756	21,090	18,713	488,867	91,245	51,094	—	37,681
1896	507,092	230,370	34,020	21,870	10,485	451,253	62,694	45,915	—	33,902
1895	501,417	237,225	35,569	23,403	7,906	462,473	95,937	35,772	—	45,042
1894	453,609	228,969	31,815	20,434	—	408,288	84,641	31,211	—	37,710
1893	533,079	234,342	35,077	25,202	—	464,454	102,451	35,532	—	42,652
1892	597,341	264,693	36,000	21,572	—	540,096	116,728	39,091	—	52,198
1891	570,082	244,861	34,146	21,304	—	521,744	102,312	39,375	—	56,382
1890	546,361	250,492	33,356	19,085	—	503,285	97,221	38,156	—	48,065
1889	525,921	236,711	31,349	18,964	—	466,206	95,179	39,220	—	43,937
1879	343,607	174,060	16,309	15,965	—	289,070	66,306	23,075	—	30,337
1869	214,072	185,644	12,966	13,028	—	245,179	58,365	26,509	—	22,124

¹ Excludes construction materials. ² Includes stationery and supplies. ³ Includes household appliances, except electric.

Series J 97-148.—VALUE OF OUTPUT—FINISHED COMMODITIES AND CONSTRUCTION MATERIALS AT PRODUCERS' CURRENT PRICES (SHAW): 1869 TO 1919—Con.

[In thousands of dollars]

YEAR	CONSUMER DURABLE—continued									
	Misc. house-furnishings	China and household utensils	Musical instruments	Jewelry, silverware, clocks, and watches	Printing and publishing: Books	Luggage	Passenger vehicles, motor	Motor vehicle accessories	Passenger vehicles (horse-drawn) and accessories	Motorcycles and bicycles
	118	119	120	121	122	123	124	125	126	127
1919	218,861	235,629	256,485	304,810	132,699	64,864	1,363,521	210,834	27,230	23,887
1918	203,165	197,961	150,431	176,490	102,898	52,513	800,655	119,970	35,839	22,623
1917	167,914	221,549	141,020	184,503	92,345	37,169	1,051,705	152,452	39,783	20,961
1916	125,043	160,745	120,593	173,828	73,396	40,065	919,627	127,980	31,846	20,514
1915	97,013	119,072	92,550	121,330	74,031	26,319	574,826	77,181	31,572	16,698
1914	99,298	106,457	93,432	133,081	68,588	26,768	419,903	54,525	37,103	17,668
1913	107,696	109,362	107,340	157,660	78,603	34,544	397,982	51,908	42,333	23,072
1912	98,504	104,837	97,972	155,477	67,162	34,359	332,521	43,684	46,760	12,959
1911	94,700	94,920	84,571	148,460	59,639	36,061	222,750	29,250	51,385	10,179
1910	98,379	90,304	80,528	146,268	61,131	32,786	212,627	28,123	58,381	8,024
1909	91,416	79,503	77,368	135,936	62,930	28,703	157,345	20,930	53,691	6,280
1908	75,985	71,665	63,641	114,940	53,919	23,854	133,519	17,014	52,728	5,606
1907	89,978	90,279	88,436	153,322	56,986	27,979	90,687	11,031	68,229	7,623
1906	94,251	93,117	81,772	136,897	55,672	24,127	60,962	7,136	66,621	6,299
1905	78,596	81,347	71,865	113,344	56,555	20,367	38,450	4,280	64,942	6,722
1904	75,688	65,439	58,472	100,576	53,312	19,091	23,279	2,451	61,080	4,100
1903	76,235	64,239	65,920	97,890	51,075	16,015	12,957	-----	60,218	6,307
1902	75,516	56,094	58,540	94,773	48,884	15,043	10,361	-----	61,822	8,990
1901	69,570	51,413	50,258	82,596	46,984	13,235	8,156	-----	66,759	10,292
1900	70,946	49,194	42,822	88,106	43,931	12,134	6,273	-----	52,863	13,585
1899	61,179	43,676	34,156	80,859	44,516	12,727	4,390	-----	55,640	23,690
1898	51,929	37,270	27,654	65,269	40,340	8,904	-----	-----	45,100	34,857
1897	51,967	33,669	24,222	58,318	33,292	8,935	-----	-----	42,741	33,928
1896	51,147	31,137	22,375	52,571	33,956	9,309	-----	-----	41,229	18,657
1895	52,973	22,225	27,251	59,768	34,859	9,021	-----	-----	46,780	14,067
1894	48,345	23,685	19,892	52,176	27,729	11,185	-----	-----	52,508	-----
1893	53,546	24,011	23,043	59,890	33,439	13,061	-----	-----	60,193	-----
1892	56,448	31,313	34,380	74,266	33,753	15,756	-----	-----	64,908	-----
1891	54,482	32,385	32,449	72,021	32,525	14,108	-----	-----	64,458	-----
1890	53,861	30,037	31,903	73,257	33,447	13,648	-----	-----	62,346	-----
1889	51,280	28,464	26,911	58,974	34,409	10,849	-----	-----	56,043	1,907
1879	25,425	20,291	14,060	37,980	19,145	7,270	-----	-----	35,966	-----
1869	14,356	18,620	10,095	35,396	8,341	7,745	-----	-----	36,111	-----

YEAR	CONSUMER DURABLE—continued			PRODUCER DURABLE						
	Pleasure craft	Ophthalmic products and artificial limbs	Monuments and tombstones	Total, producer durable	Industrial machinery and equipment	Tractors	Electrical equipment, industrial and commercial	Farm equipment	Office and store machinery and equipment	Office and store furniture and fixtures
	128	129	130	131	132	133	134	135	136	137
1919	5,496	45,041	73,361	6,033,662	1,745,940	172,667	456,602	394,974	153,406	90,923
1918	5,165	71,119	50,036	5,933,965	1,798,080	161,004	401,567	359,194	169,113	68,400
1917	4,835	36,514	42,284	4,293,126	1,588,535	67,239	382,526	305,204	154,687	63,312
1916	4,504	23,904	37,895	2,973,589	1,102,515	32,036	295,586	291,892	114,208	53,320
1915	4,207	20,172	37,513	1,871,835	650,654	24,030	185,555	235,562	73,133	44,283
1914	4,121	15,476	40,977	1,646,465	532,850	17,651	168,075	214,639	63,704	51,831
1913	4,801	12,304	42,146	2,078,935	642,115	8,220	206,579	260,740	73,588	55,748
1912	4,762	10,557	40,250	1,852,307	603,893	13,118	186,266	233,720	68,300	55,594
1911	4,827	10,928	42,385	1,535,464	558,793	-----	153,423	209,778	60,134	49,784
1910	4,844	10,653	42,568	1,678,166	575,620	-----	161,672	206,447	61,127	50,947
1909	4,738	10,477	38,405	1,368,718	492,396	-----	124,397	197,837	51,148	49,290
1908	3,654	9,307	40,937	1,157,774	331,844	-----	95,942	166,666	37,359	41,040
1907	6,055	9,360	38,315	1,743,667	575,514	-----	145,286	191,886	52,841	50,035
1906	4,320	7,874	34,468	1,607,298	560,889	-----	136,767	189,725	48,107	51,453
1905	3,783	7,099	28,658	1,285,472	452,672	-----	98,123	155,953	36,038	43,694
1904	3,149	5,644	25,689	1,092,941	367,144	-----	87,071	149,907	26,911	38,639
1903	3,584	5,814	25,888	1,220,558	439,245	-----	101,965	145,986	31,001	38,175
1902	3,539	5,698	27,868	1,144,561	402,763	-----	90,623	173,467	27,198	33,856
1901	3,742	5,218	23,164	990,952	359,110	-----	76,009	129,533	23,330	30,600
1900	2,698	4,729	18,426	977,460	385,018	-----	73,492	118,871	23,890	27,625
1899	2,065	4,806	20,323	823,767	302,423	-----	59,208	115,756	17,989	24,677
1898	1,399	4,285	17,459	627,040	223,085	-----	36,845	96,194	13,002	21,600
1897	1,195	3,951	16,629	533,307	204,955	-----	25,237	64,906	11,643	21,331
1896	1,201	3,806	13,354	552,808	228,752	-----	20,483	52,117	12,677	22,542
1895	1,315	3,674	13,789	521,515	206,170	-----	19,984	65,337	11,081	23,700
1894	1,036	3,302	14,868	453,784	169,817	-----	15,800	64,110	8,892	21,230
1893	1,395	3,303	11,938	583,611	195,374	-----	16,551	76,907	9,919	26,078
1892	1,462	3,225	16,568	607,423	206,408	-----	22,651	80,123	10,178	30,133
1891	1,589	2,936	16,722	586,594	195,477	-----	23,728	79,091	9,344	26,738
1890	1,454	2,625	17,265	583,083	195,358	-----	21,847	92,701	9,004	25,793
1889	1,460	2,296	15,247	561,585	192,229	-----	13,056	88,479	8,557	25,585
1879	920	752	7,543	322,443	102,746	-----	1,935	69,930	3,822	15,370
1869	550	386	6,581	295,765	112,685	-----	-----	51,064	3,207	13,631

Series J 97-148.—VALUE OF OUTPUT—FINISHED COMMODITIES AND CONSTRUCTION MATERIALS AT PRODUCERS' CURRENT PRICES (SHAW): 1869 TO 1919—Con.

[In thousands of dollars]

YEAR	PRODUCER DURABLE—continued								CONSTRUCTION MATERIAL		
	Locomotive and railroad cars	Ships and boats	Business vehicles, motor	Business vehicles, horse-drawn	Aircraft	Professional and scientific equipment	Carpenters' and mechanics' tools	Misc. subsidiary durable equipment	Total, construction materials	Manufactured	Nonmanufactured
	138	139	140	141	142	143	144	145	146	147	148
1919	550,424	1,389,509	379,931	42,518	8,610	80,108	208,007	360,043	3,874,723	3,366,352	508,371
1918	775,093	805,333	444,155	50,594	175,257	123,479	231,791	370,905	3,331,467	2,929,454	402,013
1917	667,792	243,763	225,845	51,061	22,390	62,005	156,622	302,145	3,174,807	2,812,341	362,466
1916	403,513	103,715	164,542	37,367	1,499	39,700	115,111	218,585	2,710,786	2,389,745	321,041
1915	164,033	66,788	128,442	34,019	3,588	32,922	68,515	160,311	2,059,679	1,775,392	284,287
1914	211,319	43,493	45,165	36,859	437	24,877	58,510	177,055	2,095,936	1,787,078	308,858
1913	444,604	47,577	48,752	39,854	276	18,671	66,148	166,063	2,484,458	2,136,520	347,938
1912	319,787	44,392	51,342	41,913	446	15,275	61,110	157,161	2,239,876	1,901,226	338,650
1911	176,040	42,748	26,901	44,153	-----	15,216	52,603	150,891	2,018,039	1,692,997	325,042
1910	292,753	40,844	13,205	48,322	-----	14,333	57,767	155,129	2,100,762	1,755,867	344,895
1909	133,861	38,167	7,754	42,971	-----	13,693	54,817	157,387	2,028,716	1,704,712	324,004
1908	143,923	34,400	3,506	40,170	-----	10,229	43,203	159,492	1,859,608	1,531,888	327,720
1907	372,329	66,280	2,309	49,546	-----	14,970	62,286	160,385	2,161,612	1,791,362	370,250
1906	315,633	54,845	1,754	46,226	-----	13,678	50,696	137,525	1,949,504	1,636,883	312,621
1905	226,109	55,624	1,516	43,127	-----	10,323	44,669	117,624	1,609,527	1,349,281	260,246
1904	170,561	53,583	1,351	38,922	-----	8,221	40,332	110,299	1,426,880	1,178,712	248,168
1903	200,950	61,280	-----	37,569	-----	9,775	42,848	111,764	1,469,687	1,220,868	248,819
1902	165,318	60,835	-----	37,893	-----	8,902	39,943	103,763	1,505,193	1,272,752	232,441
1901	136,720	64,654	-----	40,213	-----	7,649	32,752	90,382	1,325,191	1,124,750	200,441
1900	139,042	46,883	-----	31,376	-----	8,042	30,511	92,710	1,248,006	1,054,551	193,455
1899	121,414	36,072	-----	32,544	-----	6,375	27,863	84,441	1,027,147	863,637	163,510
1898	89,317	24,368	-----	25,937	-----	4,570	22,329	69,793	952,381	799,994	152,387
1897	72,042	20,747	-----	24,187	-----	3,990	19,119	64,600	971,832	820,214	151,618
1896	79,023	20,781	-----	22,972	-----	4,286	20,869	68,306	880,762	745,940	134,822
1895	56,836	22,661	-----	25,677	-----	3,866	21,048	65,155	1,026,827	873,243	153,584
1894	49,698	17,800	-----	28,389	-----	3,175	18,510	61,363	1,003,965	860,171	143,794
1893	107,820	23,866	-----	32,094	-----	3,621	24,303	72,078	1,067,516	923,778	143,738
1892	92,994	24,895	-----	34,145	-----	3,953	26,267	75,671	1,323,016	1,155,106	172,910
1891	91,466	26,945	-----	33,470	-----	3,851	26,494	69,945	1,068,011	930,845	137,166
1890	85,943	24,554	-----	31,969	-----	3,799	25,270	66,845	1,210,915	1,063,136	147,779
1889	90,844	24,704	-----	28,393	-----	3,473	22,652	63,613	833,215	704,498	128,717
1879	37,548	19,399	-----	17,951	-----	1,659	14,323	37,260	441,438	363,318	78,120
1869	41,645	11,524	-----	18,065	-----	1,632	10,856	31,456	369,102	319,892	49,210

Series J 149-151.—CAPITAL EXPENDITURES—NEW MANUFACTURING CAPITAL EXPENDITURES FOR PLANT AND EQUIPMENT: 1915 TO 1940

[In millions of dollars]

YEAR	Total	Plant	Equip-ment												
	149	150	151		149	150	151		149	150	151		149	150	151
	1940	2,303	684		1,619	1933	717		224	493	1926		2,350	815	1,535
1939	1,572	342	1,230	1932	574	118	456	1925	1,969	585	1,384	1919	2,224	815	1,409
1938	1,393	291	1,102	1931	1,054	273	781	1924	1,731	471	1,260	1918	2,466	919	1,547
1937	2,160	626	1,534	1930	1,908	616	1,292	1923	2,050	613	1,437	1917	1,736	505	1,231
1936	1,545	373	1,172	1929	2,739	962	1,777	1922	1,542	533	1,009	1916	1,052	349	703
1935	1,157	227	930	1928	2,306	851	1,455	1921	1,367	396	971	1915	616	188	428
1934	950	237	713	1927	2,108	702	1,406								

Series J 152-164.—PHYSICAL OUTPUT, CENSUS YEARS—SELECTED MANUFACTURED COMMODITIES: 1899 TO 1939

YEAR	REFINED PETROLEUM PRODUCTS												
	Wheat flour	Rayon yarns	Newsprint and similar papers	Book paper	Sulphuric acid ¹	Soda ash ²	Light products of distillation ³	Illuminating oils	Fuel oils	Lubricating oils	Pneumatic tires and casings	Brick common	Household refrigerators ⁴
	152	153	154	155	156	157	158	159	160	161	162	163	164
	Million barrels	Million pounds	Million tons	Million tons	Million tons	Million tons	Billion gallons	Billion gallons	Billion gallons	Million gallons	Millions	Billions	Thousands
1939	111	329	1.49	1.55	3.80	2.15	25.3	2.71	20.0	1,637	57.8		1,930
1937	105	322	1.49	1.52	3.92	2.32	22.9	2.51	19.2	1,517	(⁵) 53.4	3.25	2,824
1935	102	258	1.22	1.23	3.07	1.87	18.8	2.19	15.9	1,274	48.8	1.81	1,882
1933	97.2	213	1.21	1.08	2.64	1.65	16.4	1.95	13.3	1,047	45.4	1.02	1,160
1931	115	151	1.51	1.21	2.84	1.61	17.6	1.75	14.2	1,148	49.1	2.31	1,050
1929	120	121	1.77	1.50	4.14	1.81	18.4	2.34	16.4	1,554	69.8	5.51	890
1927	118	75.6	1.81	1.33	3.27	1.47	19.4	2.22	15.4	1,382	63.6	7.06	390
1925	115	51	1.75	1.34	3.28	1.37	11.3	2.37	14.6	1,361	58.8	7.56	75
1923	114	35	1.69	1.21	3.30	1.26	7.80	2.24	12.0	1,151	45.4	7.28	18
1921	111	15	1.33	0.807	2.00	0.776	5.35	1.94	9.75	949	27.3	4.45	5
1919	132	8.28	1.47	0.961	2.21	1.03	4.11	2.31	7.77	822	32.8	4.75	
1914	116	2.42	1.42	0.913	1.86	0.935	1.46	1.94	3.73	518	8.02	7.15	
1909	106		1.27	0.677	1.10	0.646	0.540	1.67	1.70	537		9.79	
1904	104		0.975	0.454	0.673	0.519	0.291	1.36	0.380	315		8.68	
1899	99.8		0.624	0.304	0.338	0.391	0.281	1.26	0.305	170		7.65	

¹ Includes only sulphuric acid made in chemicals, not elsewhere classified. For 1914-31, the data are as given by the Census. For other years, quantities have been estimated: For 1933-39 on basis of average ratio for 1925-31 of sulphuric acid made in the industry to the total, wherever made; and for 1899-1909 on the basis of average ratio for 1914-23.
² Includes only soda ash made for sale.
³ Includes gasoline, naphtha, benzine, tops (except in 1937) and, prior to 1919, other light products of distillation. In 1919, other light products of distillation amounted to 97.3 million gallons.

⁴ Includes electric and gas except for 1939 which represents electric only.
⁵ Not available.
⁶ Revised figure.
⁷ Not strictly comparable with other years because of incompleteness of data.
⁸ In 1923 a small quantity of book paper (plate, lithograph, map, and woodcut) was excluded from this series and combined with "other paper."

Series J 165-180.—PHYSICAL OUTPUT, ANNUAL DATA—SELECTED MANUFACTURED COMMODITIES: 1840 TO 1945

YEAR	STEEL INGOTS AND CASTINGS					Rolled iron and steel	Leaf tobacco consumed in manufacturing	Fermented malt liquor ¹	Distilled spirits ²	Cigarette production ⁴	Cottonseed oil production	Wool consumed in mfr., scoured basis ⁵	Men's leather shoes ⁶	Women's leather shoes	Cotton consumed in mfr., including linters ⁷	Active cotton spindles consuming cotton ⁸
	Total	Bessemer	Open hearth	Crucible	Electric and all other ¹											
	165	166	167	168	169											
	Long tons	Long tons	Long tons	Long tons	Long tons	1,000 long tons	Million pounds	1,000 barrels	1,000 gal.	Millions	1,000 pounds	1,000 pairs	1,000 pairs	Bales	Number	
1945	71,162,186	3,844,034	64,231,788	21	3,086,343	53,403	1,291	86,604	332,345	1,324,039	645.1	104,794	9,118,917	11,049,261	23,674,852	
1944	80,037,130	4,499,931	71,753,518	22	3,783,659	58,754	1,255	81,726	323,734	1,235,829	622.8	193,537	9,118,079	11,308,164	23,019,828	
1943	79,318,314	5,022,761	70,198,039	130	4,097,384	56,511	1,229	71,018	296,305	1,440,534	636.2	129,345	9,154,670	12,401,018	23,428,252	
1942	76,814,224	4,958,414	68,305,319	1,795	3,548,696	55,755	1,131	63,717	257,657	1,249,872	603.6	142,975	181,685	12,657,612	23,607,508	
1941	73,963,624	4,980,421	66,419,302	2,065	2,561,836	55,647	1,009	55,214	218,083	1,425,471	648.0	135,804	184,915	11,080,653	23,389,454	
1940	59,805,970	3,311,226	54,975,967	914	1,517,863	43,447	923	54,892	387,183	189,508	1,325,241	407.9	102,363	151,044	8,844,638	23,585,938
1939	47,141,709	2,999,032	43,223,036	831	918,810	34,882	885	53,871	346,344	180,828	1,409,414	396.5	103,753	167,697	7,709,066	23,731,050
1938	28,349,991	1,880,661	25,964,300	6	505,024	21,044	865	56,340	351,190	171,842	1,961,486	284.5	96,660	147,755	6,468,383	24,774,004
1937	50,568,701	3,449,927	46,272,303	934	845,537	36,766	873	58,748	432,138	170,171	1,363,978	380.8	102,895	149,675	8,768,964	25,419,110
1936	47,767,856	3,458,457	43,536,128	816	772,455	33,801	847	51,812	449,994	159,076	1,163,736	406.1	103,784	161,858	7,085,364	24,664,428
1935	34,092,594	2,835,031	30,715,429	642	541,492	23,965	776	45,229	349,772	140,147	1,108,582	417.5	99,525	145,231	6,079,895	26,700,946
1934	26,055,289	2,162,357	23,531,105	531	361,296	18,970	776	37,678	241,610	130,287	1,302,786	229.6	91,387	133,045	6,467,399	27,742,462
1933	23,232,347	2,428,791	20,381,672	681	421,203	16,735	711	11,978	123,405	115,087	1,445,681	317.1	88,821	130,742	6,898,437	26,894,860
1932	13,681,162	1,532,076	11,907,330	645	241,111	10,451	690	(¹³) 150,391	106,915	1,694,123	230.1	74,493	113,944	5,503,335	27,271,938	
1931	25,945,501	3,023,446	22,509,566	1,547	410,942	19,176	752	(¹²) 170,394	117,407	1,441,882	311.0	77,420	112,603	5,977,091	28,979,646	
1930	40,699,483	5,035,459	35,049,172	2,253	612,599	29,513	780	(¹²) 195,257	124,193	1,572,322	263.2	77,147	112,629	6,911,010	31,245,078	
1929	56,433,473	7,124,075	48,352,888	5,079	951,431	41,069	797	3,900	203,300	122,822	1,604,131	368.1	94,770	131,303	7,970,334	32,417,036
1928	51,544,180	6,620,165	44,113,566	7,769	802,260	37,663	755	4,200	170,500	109,311	1,476,609	333.2	90,970	129,753	7,614,292	33,569,792
1927	44,935,185	6,191,727	38,068,335	9,036	666,087	32,879	744	4,400	185,500	100,260	1,837,910	354.1	95,328	116,259	7,995,668	34,409,910
1926	48,293,763	6,934,568	40,691,979	15,493	651,723	35,496	737	4,900	203,800	92,523	1,617,015	342.7	86,644	110,447	7,259,618	34,750,266
1925	45,393,524	6,723,962	38,034,487	19,562	615,512	33,387	718	5,100	167,600	82,712	1,403,781	349.9	86,546	104,782	6,852,265	35,032,246
1924	37,931,939	5,899,590	31,577,350	22,473	432,526	28,276	694	4,900	137,500	73,256	979,617	342.2	84,663	104,135	6,217,292	35,849,338
1923	44,943,696	8,484,088	35,899,657	44,079	515,872	33,077	689	5,300	124,600	67,239	1,002,922	422.4	100,283	109,676	7,312,201	36,260,001
1922	35,602,926	5,919,298	29,308,983	28,606	348,039	26,452	647	6,300	82,200	56,413	930,475	406.5	89,984	105,368	6,548,853	35,707,738
1921	19,783,797	4,015,938	15,589,802	7,613	169,499	14,774	612	9,200	87,900	52,770	1,309,183		69,458	101,474	5,408,979	36,047,367
1920	42,132,934	8,883,087	32,671,895	72,265	505,687	32,348	640	9,200	101,300	48,091	1,211,464				6,762,207	35,480,953
1919	34,671,232	7,271,562	28,948,694	63,572	387,404	25,102	648	27,700	100,800	53,865	1,325,333		95,017	104,813	6,223,837	34,930,934
1918	44,462,432	9,376,236	34,459,391	115,112	511,693	31,156	692	50,300	178,800	47,528					7,685,329	34,542,665
1917	45,060,607	10,479,960	34,148,839	126,716	305,038	33,068	660	60,800	286,100	36,323					7,658,207	33,888,835
1916	42,773,680	11,059,039	31,415,427	129,692	169,522	32,380	612	58,600	253,300	26,203					7,278,529	32,805,883

See footnotes on next page.

Series J 165-180.—PHYSICAL OUTPUT, ANNUAL DATA—SELECTED MANUFACTURED COMMODITIES: 1840 TO 1945—Con.

YEAR	STEEL INGOTS AND CASTINGS					Rolled iron and steel	Leaf tobacco consumed in manufacturing	Fermented malt liquor ²	Distilled spirits ³	Cigarette production ⁴	Men's leather shoes ⁵	Women's leather shoes	Cotton consumed in mfr., including linters ⁷	Active cotton spindles consuming cotton ⁸
	Total	Bessemer	Open hearth	Crucible	Electric and all other ¹									
	165	166	167	168	169									
	<i>Long tons</i>	<i>Long tons</i>	<i>Long tons</i>	<i>Long tons</i>	<i>Long tons</i>	<i>1,000 long tons</i>	<i>Million pounds</i>	<i>1,000 barrels</i>	<i>1,000 tax gal.</i>	<i>Millions</i>	<i>1,000 pairs</i>	<i>1,000 pairs</i>	<i>Bales</i>	<i>Number</i>
1915	32,151,036	8,287,213	23,679,102	113,782	70,939	24,393	565	59,800	140,700	18,945	---	---	6,009,207	31,964,235
1914	23,513,030	6,220,846	17,174,684	89,869	27,651	18,370	589	66,200	181,900	17,944	98,031	80,916	5,884,733	32,107,572
1913	31,300,874	9,545,706	21,599,931	121,226	34,011	24,791	593	65,300	193,600	16,530	---	---	5,786,330	31,519,766
1912	31,251,303	10,327,901	20,780,723	121,517	21,162	24,657	579	62,200	187,600	14,239	---	---	5,367,583	30,578,528
1911	23,676,106	7,947,854	15,598,650	97,653	31,949	19,039	565	63,300	183,400	11,700	---	---	4,704,978	29,522,597
1910	26,094,919	9,412,772	16,504,509	122,303	55,335	21,621	551	59,500	163,900	9,782	---	---	4,798,953	28,266,862
1909	23,955,021	9,330,783	14,493,936	107,355	22,947	19,645	530	56,300	139,900	7,880	93,900	86,600	5,240,719	28,018,305
1908	14,023,247	6,116,755	7,836,729	63,631	6,132	11,828	510	58,800	133,900	6,833	---	---	4,539,090	27,505,422
1907	23,362,594	11,667,549	11,549,736	131,234	14,075	19,865	517	58,600	174,700	6,345	---	---	4,984,936	26,375,191
1906	23,398,136	12,275,830	10,980,413	127,513	14,380	19,588	513	54,700	150,100	5,502	---	---	4,909,279	25,250,096
1905	20,023,947	10,941,375	8,971,376	102,233	8,963	16,840	487	49,500	153,300	4,477	---	---	4,278,980	23,687,495
1904	13,859,887	7,859,140	5,908,166	83,391	9,190	12,013	476	48,300	139,500	4,170	83,400	69,500	---	---
1903	14,534,978	8,592,829	5,829,911	102,434	9,804	13,208	468	46,700	143,200	3,959	---	---	---	---
1902	14,947,250	9,138,363	5,687,729	112,772	8,386	13,944	428	44,600	132,800	3,647	---	---	---	---
1901	13,473,595	8,713,302	4,656,309	98,513	5,471	12,349	398	40,600	128,600	3,503	---	---	---	---
1900	10,188,329	6,684,770	3,898,135	100,562	4,862	9,487	381	39,500	109,200	3,870	---	---	3,873,165	19,472,232
1899	10,639,857	7,586,354	2,947,316	101,213	4,974	10,294	369	36,700	100,200	4,367	67,700	65,000	---	---
1898	8,932,857	6,609,017	2,230,292	89,747	3,801	8,513	352	37,500	83,700	4,843	---	---	---	---
1897	7,156,957	5,475,315	1,608,671	69,959	3,012	7,002	363	34,500	64,300	4,927	---	---	---	---
1896	5,281,689	3,919,906	1,298,700	60,689	2,394	5,516	330	35,900	90,000	4,967	---	---	---	---
1895	6,114,834	4,909,128	1,137,182	67,666	858	6,190	344	33,600	81,900	4,238	---	---	---	---
1894	4,412,032	3,571,313	784,936	51,702	4,081	4,642	339	33,400	92,200	3,621	---	---	---	---
1893	4,019,995	3,215,686	737,890	63,613	2,806	4,976	330	34,600	131,000	3,661	---	---	---	---
1892	4,927,581	4,168,435	669,889	84,709	4,548	6,166	355	31,900	118,400	3,282	---	---	---	---
1891	3,904,240	3,247,417	579,753	72,586	4,484	5,391	348	30,500	117,800	3,137	---	---	---	---
1890	4,277,071	3,688,871	513,232	71,175	3,793	6,023	325	27,600	111,100	2,505	---	---	2,518,409	14,384,180
1889	3,385,732	2,930,204	374,543	75,865	5,120	5,237	319	25,100	91,100	2,413	---	---	---	---
1888	2,899,440	2,511,161	314,318	70,279	3,682	4,617	281	24,700	71,700	2,212	---	---	---	---
1887	3,339,071	2,936,033	322,069	75,375	5,594	5,236	299	23,100	79,400	1,865	---	---	---	---
1886	2,562,503	2,269,190	213,973	71,973	2,367	4,377	288	20,700	81,800	1,607	---	---	---	---
1885	1,711,920	1,519,430	133,876	57,599	1,515	3,101	283	19,200	76,400	1,080	---	---	---	---
1884	1,550,879	1,375,531	117,515	53,270	4,563	---	251	19,000	76,500	920	---	---	---	---
1883	1,673,535	1,477,345	119,356	71,835	4,999	---	276	17,300	75,300	844	---	---	---	---
1882	1,736,692	1,514,687	143,341	75,973	2,691	---	238	17,000	107,300	599	---	---	---	---
1881	1,588,314	1,374,247	131,202	80,145	2,720	---	244	14,300	119,500	595	---	---	---	---
1880	1,247,335	1,074,262	100,851	64,664	7,558	---	215	13,300	91,400	533	---	---	14,570,344	14,065,435
1879	935,273	829,439	50,259	50,696	4,879	---	---	11,100	72,900	---	---	---	---	---
1878	731,977	653,773	32,255	38,309	7,640	---	---	10,200	57,300	---	---	---	---	---
1877	569,613	500,524	22,349	36,098	10,647	---	---	9,800	61,400	---	---	---	---	---
1876	533,191	469,639	19,187	35,163	9,202	---	---	9,900	58,600	---	---	---	---	---
1875	389,799	335,233	8,080	35,180	11,256	---	---	9,500	62,700	---	---	---	---	---
1874	215,727	171,369	6,250	32,436	5,672	---	---	9,600	69,600	---	---	---	---	---
1873	198,796	152,368	3,125	31,059	12,244	---	---	9,600	71,200	---	---	---	---	---
1872	142,954	107,239	2,679	26,125	6,911	---	---	8,700	69,400	---	---	---	---	---
1871	73,214	40,179	1,785	31,250	---	---	---	7,700	57,000	---	---	---	---	---
1870	68,750	37,500	1,339	29,911	---	---	---	---	---	---	---	---	796,616	7,132,415
1869	31,250	10,714	893	19,643	---	---	---	---	---	---	---	---	---	---
1868	26,786	7,589	---	19,197	---	---	---	---	---	---	---	---	---	---
1867	19,643	2,679	---	16,964	---	---	---	---	---	---	---	---	---	---
1860	---	---	---	---	---	---	---	---	---	---	---	---	845,410	5,235,727
1850	---	---	---	---	---	---	---	---	---	---	---	---	575,506	3,998,022
1840	---	---	---	---	---	---	---	---	---	---	---	---	236,525	2,284,631

¹ Electric only after 1920; "all other" only prior to 1910; between 1910 and 1920 preponderately electric.

² Barrels of not more than 31 wine gallons. Includes data for Alaska, Hawaii, and Puerto Rico.

³ In computing taxable gallons all fractional parts of a proof gallon less than one-tenth are excluded.

⁴ Data relate to products manufactured in continental United States, excluding those manufactured in bonded manufacturing warehouses. Figures refer to large and small cigarettes and small cigars.

⁵ "Scoured" wool plus "greasy" wool reduced to a scoured basis, assuming average yields varying with class, origin, grade, and whether shorn or pulled.

⁶ Figures beginning with 1930 are not strictly comparable with earlier years owing to the fact that large quantities of heavy footwear now included with men's shoes were included with "Athletic" (not shown here) prior to 1927. Data for men's shoes for 1941-1944 include government shoes.

⁷ The quantities are in running bales, except for 1840 to 1870, which are in equivalent 500-pound bales.

⁸ Includes all spindles active on cotton at some time during the year.

⁹ Includes data for Government shoes.

¹⁰ Alcoholic content limited to 3.2 percent by weight from April 7 to December 5, 1933.

¹¹ Includes 1,538,788 barrels, produced prior to April 7 (effective date of the Act of March 22, 1933).

¹² No legal production.

¹³ Does not include foreign cotton.

¹⁴ Cotton mills only.