

PART II.—STATISTICS OF MANUFACTURING

Section 1.—Growth of Manufacturing

It is impossible to give absolutely comparable statistics of manufacturing over a long period of years. From 1870 to 1915 statistics were collected only in connection with decennial or quinquennial censuses and there was inevitably some variation in the information collected. The annual Census of Manufactures was instituted in 1917 and, though numerous changes have since been made in the information collected and in the treatment of the data, an effort has been made to carry all major revisions back to 1917, so that the figures for the period since then are on a reasonably comparable basis.

The Bureau of Statistics in 1952 changed its policy with regard to the collection of statistics on the production of manufactured goods. Firms in several industries where year-end inventory changes were known to be insignificant were requested to report value of shipments f.o.b. plant instead of gross value of products. The changeover was made in order to ease the burden of reporting for the majority of manufacturing establishments. The value of shipments concept for small and medium sized establishments is more realistic and more readily obtainable from their accounting records. From 1957 on, the figures are based on the revised Standard Industrial Classification, as explained on p. 651.

Because of a change in the definition of the reporting unit (establishment) in the 1961 Census of Manufactures, the statistics for 1961 are not directly comparable with those of previous years. On the revised basis, the total value of shipments in 1960 was \$23,279,804,128, lower by \$467,652,955 than the 1960 figure compiled on the old basis. Revisions back to 1957 will be published in the 1961 reports of the Industry Division of DBS and will appear in the next issue of the Year Book.

1.—Summary Statistics of Manufactures, 1917-61

NOTE.—Figures for alternate years from 1918 to 1940 are given in the 1962 Year Book, p. 616. Statistics of manufacturing from 1870 have been published but between that year and 1917 figures are not on a basis comparable to the series given below; statistics for significant years appear in the 1943-44 Year Book, p. 363. Figures of the non-ferrous metal smelting industries were first included with manufactures in 1925.

Year	Estab- lish- ments	Employees	Salaries and Wages	Cost at Plant of Materials Used	Value Added by Manufacture ¹	Gross Value of Products ²
	No.	No.	\$	\$	\$	\$
1917.....	21,845	606,523	497,801,844	1,539,678,811	1,281,131,980	2,820,810,791
1919.....	22,083	594,066	601,715,668	1,779,056,765	1,442,400,638	3,221,457,403
1921.....	20,848	438,555	497,399,761	1,365,292,885	1,123,694,263	2,488,987,148
1923.....	21,080	506,203	549,529,631	1,456,595,367	1,206,332,107	2,662,927,474
1925 ³	20,981	522,924	569,944,442	1,571,788,252	1,167,936,726	2,816,864,958
1927 ³	21,501	595,052	662,705,332	1,741,128,711	1,427,649,292	3,257,214,876
1929 ³	22,216	666,531	777,291,217	2,029,670,813	1,755,386,937	3,883,446,116
1931.....	23,083	528,640	587,566,990	1,221,911,982	1,252,017,248	2,555,126,448
1933.....	23,780	468,658	436,247,824	967,788,928	919,671,181	1,954,075,785
1935.....	24,034	556,664	559,467,777	1,419,146,217	1,153,485,104	2,653,911,209
1937.....	24,834	660,451	721,727,037	2,006,926,787	1,508,924,867	3,625,459,500
1939.....	24,805	658,114	737,811,153	1,836,159,375	1,531,051,901	3,474,783,528
1941.....	26,293	961,178	1,264,862,643	3,296,547,019	2,605,119,788	6,076,308,124
1942.....	27,862	1,152,091	1,682,804,842	4,037,102,725	3,309,973,758	7,553,794,972
1943.....	27,652	1,241,068	1,987,292,384	4,690,493,083	3,816,413,541	8,732,860,999
1944.....	28,483	1,222,882	2,029,621,370	4,832,333,356	4,015,776,010	9,073,692,519
1945.....	29,050	1,119,372	1,845,773,449	4,473,668,847	3,564,315,899	8,250,368,866
1946.....	31,249	1,058,156	1,740,687,254	4,358,234,766	3,467,004,980	8,035,692,471
1947.....	32,734	1,131,750	2,085,925,966	5,534,280,019	4,292,055,802	10,081,026,580
1948.....	33,420	1,155,721	2,409,368,190	6,632,881,628	4,938,786,981	11,875,169,685

For footnotes, see end of table, p. 646.