

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 been made since then in the information collected and 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. Under the "value of products" concept, establishments were asked to report the factory selling value of the products made whether sold or not, the unsold portion being assigned the average selling value of similar articles sold during the year. Under the "selling value of shipments" concept, establishments are required to report their sales during the year regardless of when the products were made, an item usually readily available from the firms' records. The changeover was made to provide increased ease in reporting for the majority of plants and at the same time to produce more reliable and useful statistics.

1.—Summary Statistics of Manufactures, 1917-56

NOTE.—Statistics of manufacturing from 1870 have been published but between that year and 1917 figures are not on a comparable basis 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.		\$	\$	\$	\$
1917.....	21,845	606,523	497,801,844	1,539,678,811	1,281,131,980	2,820,810,791
1918.....	21,777	602,179	567,991,171	1,827,631,548	1,399,794,849	3,227,426,397
1919.....	22,083	594,066	601,715,668	1,779,056,765	1,442,400,638	3,221,457,403
1920.....	23,532	598,893	717,493,876	2,085,271,649	1,621,273,348	3,706,544,997
1921.....	20,848	438,555	497,399,761	1,365,292,885	1,123,694,263	2,488,987,148
1922.....	21,016	456,256	489,397,230	1,272,651,555	1,103,266,106	2,375,917,691
1923.....	21,080	506,203	549,529,631	1,456,595,367	1,206,332,107	2,662,927,474
1924.....	20,709	487,610	534,467,675	1,422,573,946	1,075,458,459	2,570,561,931
1925 ^a	20,981	522,924	569,944,442	1,571,788,252	1,167,936,726	2,816,864,958
1926 ^a	21,301	559,161	625,682,242	1,712,519,991	1,305,168,549	3,100,604,637
1927 ^a	21,501	595,052	662,705,332	1,741,128,711	1,427,649,292	3,257,214,876
1928 ^a	21,973	631,429	721,471,634	1,894,027,188	1,597,887,676	3,582,345,302
1929 ^a	22,216	666,531	777,291,217	2,029,670,813	1,755,386,937	3,883,446,116
1930 ^a	22,618	614,696	697,555,378	1,664,787,763	1,522,737,125	3,280,236,603
1931.....	23,083	528,640	587,566,990	1,221,911,982	1,252,017,248	2,555,126,448
1932.....	23,102	468,833	473,601,716	954,381,097	955,960,724	1,980,417,543
1933.....	23,780	468,658	436,247,824	967,788,928	919,671,181	1,954,075,785
1934.....	24,209	519,812	503,851,055	1,229,513,621	1,087,301,742	2,393,692,729
1935.....	24,034	556,664	559,467,777	1,419,146,217	1,153,485,104	2,653,911,209
1936.....	24,202	594,359	612,071,434	1,624,213,996	1,289,592,672	3,002,403,814
1937.....	24,834	660,451	721,727,037	2,006,926,787	1,508,924,867	3,625,459,500
1938.....	25,200	642,016	705,668,589	1,807,478,028	1,428,286,778	3,337,681,366
1939.....	24,805	658,114	737,811,153	1,836,159,375	1,531,051,901	3,474,783,528
1940.....	25,513	762,244	920,872,865	2,449,721,903	1,942,471,238	4,529,173,316
1941.....	26,293	961,178	1,264,862,643	3,296,647,019	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

For footnotes, see end of table.