

The figures in Table 3 trace the tendencies in manufacturing industries as clearly as possible from 1917 to 1959. In analysing statistics of production and materials used, price changes should be borne in mind, particularly the inflation of values in the years immediately following World War I, the drop in prices of commodities during the depressions following 1921 and 1930, and the increases again in World War II and the postwar period.

3.—Significant Statistics of Manufactures for Certain Years 1917-59

Item	1917	1920	1929 <sup>1</sup>	1933	1939
Establishments..... No.	21,845	22,532	22,216	23,780	24,805
Total employees..... "	606,523	593,893	666,531	468,658	658,114
Av. per establishment	27.8	26.6	30.0	19.7	26.5
Total earnings..... \$	497,801,844	717,493,876	777,291,217	436,247,824	737,811,153
Av. per establishment	22,788	31,843	34,988	18,345	29,744
Av. per employee..... \$	821	1,198	1,166	931	1,121
Supervisory and office employees..... No.	64,918	78,334	88,841	86,636	124,772
Av. per establishment	3.0	3.5	4.0	3.6	5.0
Total earnings..... \$	85,353,667	141,837,361	175,553,710	139,317,946	217,839,334
Av. per employee..... \$	1,315	1,811	1,976	1,608	1,746
Production workers..... No.	541,605	520,559	577,690	382,022	533,342
Av. per establishment	24.8	23.1	26.0	16.1	21.5
Total earnings..... \$	412,448,177	575,656,515	601,737,507	296,929,878	519,971,819
Av. per employee..... \$	762	1,106	1,042	777	975
Cost of materials..... \$	1,539,678,811	2,085,271,649	2,029,670,813	967,788,928	1,836,159,375
Av. per establishment	70,482	92,547	91,361	40,698	74,024
Av. per employee..... \$	2,539	3,482	3,045	2,065	2,790
Value added by manufacture <sup>2</sup> ..... \$	1,281,131,980	1,621,273,348	1,755,386,937	919,671,181	1,531,051,901
Av. per establishment <sup>2</sup>	58,646	71,954	79,015	38,674	61,724
Av. per employee <sup>2</sup> ..... \$	2,112	2,707	2,634	1,962	2,326
Gross value of products..... \$	2,820,810,791	3,706,544,997	3,883,446,116	1,954,075,785	3,474,783,528
Av. per establishment	129,128	164,501	174,804	82,173	140,084
Av. per employee..... \$	4,651	6,189	5,286	4,170	5,280
	1944	1953	1957	1958	1959
Establishments..... No.	28,483	38,107	37,875	36,741	36,193
Total employees..... "	1,222,882	1,327,451	1,359,061	1,289,062	1,303,956
Av. per establishment	42.9	34.8	35.9	35.1	36.0
Total earnings..... \$	2,029,621,370	3,957,018,348	4,819,627,999	4,802,496,260	5,073,073,706
Av. per establishment	71,257	103,840	127,251	130,712	140,167
Av. per employee..... \$	1,660	2,981	3,546	3,724	3,891
Supervisory and office employees..... No.	192,558	274,225	313,884	307,867	306,049
Av. per establishment	6.8	7.2	8.3	8.4	8.5
Total earnings..... \$	418,065,594	1,016,679,409	1,403,401,749	1,469,324,281	1,529,617,999
Av. per employee..... \$	2,171	3,707	4,471	4,773	4,997
Production workers..... No.	1,030,324	1,053,226	1,045,177	981,735	997,907
Av. per establishment	36.2	27.6	27.6	26.7	27.6
Total earnings..... \$	1,611,555,776	2,940,338,939	3,416,226,250	3,333,171,979	3,543,455,707
Av. per employee..... \$	1,564	2,792	3,269	3,395	3,551
Cost of materials..... \$	4,832,333,356	9,380,558,682	1,900,751,703	11,821,567,471	12,552,200,543
Av. per establishment	169,657	246,163	314,211	321,754	346,813
Av. per employee..... \$	3,952	7,067	8,757	9,167	9,626
Value added by manufacture <sup>2</sup> ..... \$	4,015,776,010	7,993,069,351	9,822,084,726	9,792,505,931	10,320,962,881
Av. per establishment <sup>2</sup>	140,989	209,753	259,329	266,528	285,165
Av. per employee <sup>2</sup> ..... \$	3,284	6,021	7,227	7,593	7,915
Gross value of products..... \$	9,073,692,519	17,785,416,854 <sup>3</sup>	2,183,594,311 <sup>3</sup>	22,163,186,308 <sup>3</sup>	23,311,601,481 <sup>3</sup>
Av. per establishment	318,565	466,723	585,705	603,228	644,091
Av. per employee..... \$	7,420	13,398	16,323	17,186	17,878

<sup>1</sup> A change in the method of computing the number of production workers in the years 1925 to 1930 inclusive increased the number somewhat over that which the method otherwise used would have given. There was therefore a proportionate reduction in the averages for 1925-30 per employee as compared with what these averages would have been under the other method. In 1931, however, the method in force prior to 1925 was re-adopted. The figures for 1931 and later years are therefore comparable with those for 1924 and earlier years. <sup>2</sup> Net value of products; see footnote 1, Table 1, p. 632. <sup>3</sup> In 1952 gross value of products was replaced by value of factory shipments; see text on p. 631.