

The figures in Table 3 trace the tendencies in manufacturing industries as clearly as possible from 1917 to 1957. 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 1917-57

Item		1917	1920	1929 ¹	1933
Establishments.....	No.	21,845	22,532	22,216	23,780
Total employees.....	"	606,523	598,893	666,531	468,658
Averages per establishment.....	"	27.8	26.6	30.0	19.7
Total earnings.....	\$	497,801,844	717,493,876	777,291,217	436,247,824
Averages per establishment.....	\$	22,788	31,843	34,988	18,345
Averages per employee.....	\$	821	1,198	1,166	931
Supervisory and office employees.....	No.	64,918	78,334	88,841	86,636
Averages per establishment.....	"	3.0	3.5	4.0	3.6
Total earnings.....	\$	85,353,667	141,837,361	175,553,710	139,317,946
Averages per employee.....	\$	1,315	1,811	1,976	1,608
Production workers.....	No.	541,605	520,559	577,690	382,022
Averages per establishment.....	"	24.8	23.1	26.0	16.1
Total earnings.....	\$	412,448,177	575,656,515	601,737,507	296,929,878
Averages per employee.....	\$	762	1,106	1,042	777
Cost of materials.....	\$	1,539,678,811	2,085,271,649	2,029,670,813	967,788,928
Averages per establishment.....	\$	70,482	92,547	91,361	40,698
Averages per employee.....	\$	2,539	3,482	3,045	2,065
Values added by manufacture ²	\$	1,281,131,980	1,621,273,348	1,755,386,937	919,671,181
Averages per establishment ²	\$	58,646	71,954	79,015	38,674
Averages per employee ²	\$	2,112	2,707	2,634	1,962
Gross value of products.....	\$	2,820,810,791	3,706,544,997	3,883,446,116	1,954,075,785
Averages per establishment.....	\$	129,128	164,501	174,804	82,173
Averages per employee.....	\$	4,651	6,189	5,286	4,170
		1939	1944	1956	1957
Establishments.....	No.	24,805	28,483	37,428	37,875
Total employees.....	"	658,114	1,222,882	1,353,020	1,359,061
Averages per establishment.....	"	26.5	42.9	36.1	35.9
Total earnings.....	\$	737,811,153	2,029,621,370	4,570,692,190	4,819,627,999
Averages per establishment.....	\$	29,744	71,257	122,120	127,251
Averages per employee.....	\$	1,121	1,660	3,378	3,546
Supervisory and office employees.....	No.	124,772	192,558	301,297	313,884
Averages per establishment.....	"	5.0	6.8	8.1	8.3
Total earnings.....	\$	217,839,334	418,065,594	1,272,025,985	1,403,401,749
Averages per employee.....	\$	1,746	2,171	4,222	4,471
Production workers.....	No.	533,342	1,030,324	1,051,723	1,045,177
Averages per establishment.....	"	21.5	36.2	28.1	27.6
Total earnings.....	\$	519,971,819	1,611,555,776	3,298,666,205	3,416,226,250
Averages per employee.....	\$	975	1,564	3,136	3,269
Cost of materials.....	\$	1,836,159,375	4,832,333,356	11,721,536,889	11,900,751,703
Averages per establishment.....	\$	74,024	169,657	313,176	314,211
Averages per employee.....	\$	2,790	3,952	8,663	8,757
Values added by manufacture ²	\$	1,531,051,901	4,015,776,010	9,605,424,579	9,822,084,726
Averages per establishment ²	\$	61,724	140,989	256,637	259,329
Averages per employee ²	\$	2,326	3,284	7,099	7,227
Gross value of products.....	\$	3,474,783,528	9,073,692,519	21,636,748,986	22,183,594,311 ³
Averages per establishment.....	\$	140,084	318,565	578,090	585,705
Averages per employee.....	\$	5,280	7,420	15,991	16,323

¹ 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. ² Net value of products; see footnote 1, Table 1, p. 662. ³ In 1952 gross value of products was replaced by value of factory shipments; see text on p. 661.