

following 1921 and 1930, and the increases again in World War II and the postwar period. The figure that shows most clearly the trend of development is the use of power, but interesting also are the trends of value added by manufacture per employee, and of average earnings.

3.—Significant Statistics of Manufactures for Certain Years 1917-55

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	33,674
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
Power employed.....	h.p 1,658,475	2,068,875	3,855,648	4,135,008
Averages per establishment.....	" 76	92	174	174
Averages per production worker.....	" 3.06	3.97	6.67	10.82
	1939	1944	1954	1955
Establishments.....	No 24,805	28,483	38,028	38,182
Total employees.....	" 658,114	1,222,882	1,267,966	1,298,461
Averages per establishment.....	" 26.5	42.9	33.3	34.0
Total earnings.....	\$ 737,811,153	2,029,621,370	3,896,687,691	4,142,409,534
Averages per establishment.....	\$ 29,744	71,257	102,469	108,491
Averages per employee.....	\$ 1,121	1,660	3,073	3,190
Supervisory and office employees.....	No 124,772	192,558	278,936	287,469
Averages per establishment.....	" 5.0	6.8	7.3	7.5
Total earnings.....	\$ 217,839,334	418,065,594	1,075,101,215	1,147,142,086
Averages per employee.....	\$ 1,746	2,171	3,854	3,990
Production workers.....	No 533,342	1,030,324	989,030	1,010,992
Averages per establishment.....	" 21.5	36.2	26.0	26.5
Total earnings.....	\$ 519,971,819	1,611,555,776	2,821,586,476	2,995,267,448
Averages per employee.....	\$ 975	1,564	2,853	2,963
Cost of materials.....	\$ 1,836,159,375	4,832,333,356	9,241,857,554	10,338,202,165
Averages per establishment.....	\$ 74,024	169,657	243,028	270,761
Averages per employee.....	\$ 2,790	3,952	7,289	7,952
Values added by manufacture ²	\$ 1,531,051,901	4,015,776,010	7,902,124,137	8,753,450,496
Averages per establishment ²	\$ 61,724	150,989	207,798	229,256
Averages per employee ²	\$ 2,326	3,284	6,232	6,741
Gross value of products.....	\$ 3,474,783,528	9,073,692,519	17,554,527,504 ³	19,513,933,811 ⁴
Averages per establishment.....	\$ 140,084	318,565	461,621	511,077
Averages per employee.....	\$ 5,280	7,420	13,845	15,029
Power employed.....	h.p 5,045,287	6,468,439	10,397,703 ⁴	"
Averages per establishment.....	" 203	227	273	4
Averages per production worker.....	" 9.46	6.28	9.87	4

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. 634.

³ In 1952 gross value of products was replaced by value of factory shipments; see text on p. 634. ⁴ Collected only every five years; 1953 figure latest available.