

3.—Significant Statistics of Manufactures for Certain Years 1917-61

Item	1917	1920	1929 ¹	1933	1939
Establishments..... No.	21,845	22,532	22,216	23,780	24,805
Total employees..... "	606,523	598,893	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 ² \$	1,281,131,980	1,621,273,348	1,755,386,937	919,671,181	1,531,051,901
Av. per establishment ² \$	58,646	71,954	79,015	38,674	61,724
Av. per employee ² \$	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	1949	1953	1960 ^{3, r}	1961 ⁴
Establishments..... No.	28,483	35,792	38,107	36,682	32,415
Total employees..... "	1,222,882	1,171,207	1,327,451	1,294,629	1,265,032
Av. per establishment " "	42.9	32.7	34.8	35.3	39.0
Total earnings..... \$	2,029,621,370	2,591,890,657	3,957,018,348	5,207,167,393	5,231,446,969
Av. per establishment \$	71,257	72,415	103,840	141,954	161,390
Av. per employee..... \$	1,660	2,213	2,981	4,022	4,135
Supervisory and office employees..... No.	192,558	221,551	274,225	309,644	295,670
Av. per establishment " "	6.8	6.2	7.2	8.4	9.1
Total earnings..... \$	418,065,594	628,427,937	1,016,679,409	1,606,967,827	1,585,333,662
Av. per employee..... \$	2,171	2,836	3,707	5,190	5,362
Production workers..... No.	1,030,324	949,656	1,053,226	984,985	969,362
Av. per establishment " "	36.2	26.5	27.6	26.9	29.9
Total earnings..... \$	1,611,555,776	1,963,462,720	2,940,338,939	3,600,199,566	3,646,113,307
Av. per employee..... \$	1,564	2,068	2,792	3,655	3,761
Cost of materials..... \$	4,832,333,356	6,843,231,064	9,380,558,682	12,705,070,820	13,127,707,970
Av. per establishment \$	169,657	191,194	246,163	346,357	404,989
Av. per employee..... \$	3,952	5,843	7,067	9,814	10,377
Value added by manufacture ² \$	4,015,776,010	5,330,566,434	7,993,069,351	10,533,208,994	10,682,137,680
Av. per establishment ² \$	140,989	148,932	209,753	287,149	329,543
Av. per employee ² \$	3,284	4,551	6,021	8,136	8,444
Gross value of products.. \$	9,073,692,519	12,479,593,300	17,785,416,854 ⁵	23,747,457,083 ⁵	24,243,294,949 ⁵
Av. per establishment \$	318,565	348,670	466,723	647,387	747,904
Av. per employee..... \$	7,420	10,655	13,398	18,343	19,164

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. 646. ³ Based on the revised Standard Industrial Classification; see text on p. 651. ⁴ Not strictly comparable with previous years; see third paragraph, p. 645. ⁵ In 1952 gross value of products was replaced by value of factory shipments; see text on p. 645.

Value and Volume of Manufactured Production.—In the interpretation of manufacturing values over a number of years, variations in the level of prices must be borne in mind. In recent years, owing to great changes in prices, unadjusted value series used in