

The figures in Table 3 trace the tendencies in manufacturing industries as clearly as possible from 1917 to 1960. 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 1917-60

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	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	78,324	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	2,290
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	1958	1959	1960 <sup>3</sup>
Establishments..... No.	28,483	38,107	36,741	36,193	36,682
Total employees..... "	1,222,882	1,327,451	1,289,602	1,303,956	1,294,629
Av. per establishment "	42.9	34.8	35.1	36.0	35.3
Total earnings..... \$	2,029,621,270	3,957,018,348	4,802,496,260	5,073,073,706	5,207,167,393
Av. per establishment \$	71,257	103,840	130,712	140,167	141,954
Av. per employee..... \$	1,660	2,981	3,724	3,891	4,022
Supervisory and office employees..... No.	192,558	274,225	307,867	306,049	309,644
Av. per establishment "	6.8	7.2	8.4	8.5	8.4
Total earnings..... \$	418,065,594	1,016,679,409	1,469,324,281	1,529,617,989	1,606,967,827
Av. per employee..... \$	2,171	3,707	4,773	4,998	5,190
Production workers..... No.	1,030,324	1,053,226	981,735	997,907	984,985
Av. per establishment "	36.2	27.6	26.7	27.0	26.9
Total earnings..... \$	1,611,555,776	2,940,338,939	3,333,171,979	3,543,455,707	3,600,199,566
Av. per employee..... \$	1,504	2,792	3,395	3,551	3,655
Cost of materials..... \$	4,832,333,356	9,380,558,682	11,821,567,471	12,552,200,543	12,720,947,113
Av. per establishment \$	169,657	246,163	321,754	346,813	346,790
Av. per employee..... \$	3,952	7,067	9,167	9,626	9,826
Value added by manufacture <sup>2</sup> ..... \$	4,015,776,010	7,993,069,351	9,792,505,931	10,320,962,881	10,517,332,701
Av. per establishment <sup>2</sup> \$	140,989	209,753	266,528	285,165	286,716
Av. per employee <sup>2</sup> ..... \$	3,284	6,021	7,593	7,915	8,124
Gross value of products..... \$	9,073,692,519	17,785,416,854 <sup>4</sup>	22,163,186,308 <sup>4</sup>	23,311,601,481 <sup>4</sup>	23,747,457,083 <sup>4</sup>
Av. per establishment \$	318,565	466,723	603,228	644,091	647,387
Av. per employee..... \$	7,420	13,398	17,186	17,878	18,343

<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. 616. <sup>3</sup> Based on the revised Standard Industrial Classification; see text on pp. 623-624. <sup>4</sup> In 1952 gross value of products was replaced by value of factory shipments; see text on p. 615.