

## GENERAL SUMMARY

**Introduction.**—The Census of Manufactures dates back to 1810, when, on the recommendation of the Secretary of the Treasury, Congress amended the census act to authorize a canvass of manufactures and to provide funds for it. The United States became thereby the first Nation to establish a census of industry. The census of 1810, taken by the United States marshals without the use of formal schedules, covered imperfectly the industrial activities of the country at that time. The chief value of the statistics lies in the analysis of them by Tench Coxe, who was appointed by the Secretary of the Treasury to tabulate and interpret the returns.

The annual report of the Treasury Department for 1855 gives manufactures statistics or estimates for the four decennial census years from 1810 to 1840. According to this report, the value of products for 1810, based upon the incomplete census returns, Coxe's estimates, and Treasury revisions, was \$145,000,000.

Although the census of 1820 was so imperfectly taken that Congress refused to authorize the publication of the figures, the Treasury Department, in the document referred to above, reported \$53,000,000 as the value of products for that year, unquestionably a gross understatement of the actual value of industrial production.

The Census of Manufactures was omitted entirely in 1830, but on the basis of returns made from 10 States in compliance with a congressional resolution of 1832, the Treasury estimated the value of products for 1830 at \$113,000,000.

The report of the census of 1840, the most accurate and comprehensive canvass of industry up to that time, gave \$483,000,000 as the value of manufactured products. Although in prior years there had been a beginning of production by the factory method, particularly of textiles and iron, it was not until about this time that the factory method began to be extended rapidly to other products which entered into competition in the market with hand-made goods.

Until about the middle of the nineteenth century, however, the bulk of general manufacturing was done in the neighborhood shop and in the household rather than in the factory. The census for 1849 is, therefore, the starting point for properly comparable statistics of manufactures, although not until the census for 1899 was there any satisfactory line of demarcation between the shop or household and the factory. Comparative statistics for the censuses for 1849 and subsequent years are given in table 2, page 19.

The impetus given by the factory system to the improvement of mechanical equipment is indicated by the increase in the number of patents issued, from an average of 350 per annum during the period 1801-50 to a yearly average of more than 5,000 for the period 1851-70.

Not until the decade 1859-69 did it become apparent that the complete supply of most staple commodities for the home market was within the capacity of domestic production. Manufacturing began about this time to be carried on in larger plants, and as a result the census for 1879 showed considerable increases both in wage earners and in value of output, but recorded a gain of less than 1 percent in the number of industrial establishments.

By the close of the decade 1879-89 the value of manufactures exceeded that of agricultural products. By this time, the full effect of machine manufacture was beginning to be felt, and capital and markets were expanding rapidly. The decade from 1889 to 1899, while showing a smaller percentage of increase in value of products than any prior decade for which comparable statistics were available, was important as marking the entrance of the United States into international trade in manufactures and the development of the corporate form of organization.

The Census of Manufactures was taken quinquennially from 1899 to 1919, and biennially from 1921 to 1939.

The statistical tables in this report present the results of the 1939 census, with comparative figures for earlier years. It will be found that in some cases the figures for the years prior to 1937 are not identical with those previously published. The differences are due to changes made as a result of the changes outlined in section 9 of the General Explanations.

Manufacturing establishments with products valued at \$2,000 or more in Alaska, Hawaii, and Puerto Rico were canvassed for the 1939 census with simplified questionnaires, and the results are summarized in table 1 of this chapter. More detailed statistics on manufacturing in Alaska, Hawaii, and Puerto Rico follow the reports for States.

Statistics for the industrial areas, which were established at the 1929 census, have been included in the reports for all subsequent censuses and are presented in three tables in volume I. These tables rank the areas according to wage earners employed and also give the rank according to cost of materials, value of products,

and value added by manufacture, which differ in many cases from the rank by number of wage earners.

Summary statistics are given also in volume I for all counties in the continental United States in which 2,500 or more manufacturing wage earners were employed, the counties being ranked according to wage earners. Another table gives summary figures for each county in which 10,000 or more manufacturing wage earners were employed and for the most important county in each State in which no county reported as many as 10,000 manufacturing wage earners.

**Manufacturing production as measured by physical volume.**—The Census of Manufactures constitutes the most complete single source of data on manufacturing production, and analysts frequently have employed figures from this census on total value of products or the total value added by manufacture to measure changes in industrial production. The validity of either of these measures for this purpose is questionable because they reflect price changes as well as increases or decreases in the physical volume of commodity output. Although the number of wage earners serves as one indicator of changes in manufacturing activity, it should only be used in conjunction with other measures because it ignores differences in number of hours worked, degree of mechanization of the industry, and differences in the value of different individuals' work.

A more accurate measure of total manufacturing production can be derived from statistics of physical quantities of commodities produced. An index based on physical quantities must be weighted to take account of the different degrees of fabrication which have been performed on the commodities included in the index. The assignment of this relative economic importance to various commodities has been carried out by weighting commodities in an industry by the increment to the values of those goods made by the industry in which those goods are classified—that is, the industry's value added by manufacture.

A study of the physical volume of manufacturing output as disclosed by census figures was made for the Bureau of the Census by Edmund E. Day and Woodlief Thomas. Their conclusions, based largely on a production index number of their construction covering the years 1899 to 1925, were published in 1928 under the title "The Growth of Manufactures," as one of a series of Census monographs.

The Day-Thomas index of physical volume of manufactured products was extended subsequently for each biennial census year through 1937, and published in the Census of Manufactures volumes. However, over this

period of time the index was becoming inadequate in its coverage of manufacturing production. The technical methods of its construction made difficult the inclusion of new industries as they arose in the economy. The omission of new industries resulted in an index which understated the increase in physical output. Thus, it became increasingly evident that a revision of the index was imperative.

In 1940 a new index of the physical output of manufacturing production was computed by Solomon Fabricant for the National Bureau of Economic Research. This index takes account of new industries in the economy, the increased coverage of statistics of physical output collected by the Bureau of the Census for old industries, and changes in the Census industrial classifications. Although the direction of movement between census years is usually the same for the two indexes, the National Bureau index shows a much greater rate of growth of manufacturing production over a long period of time than does the Census index.

The National Bureau of Economic Research index for all manufacturing industries combined is reproduced in table 3 of this volume, together with indexes of population growth, wage earners, and production per wage earner. Production indexes for individual industries and groups of industries from 1899 to 1937, as well as a description of the methods of construction of these indexes, may be found in Dr. Fabricant's volume "The Output of Manufacturing Industries, 1899-1937" (National Bureau of Economic Research, 1940).

The population index is based upon the estimates by the Bureau of the Census of the population of the continental United States as of July 1 of each biennial manufactures census year.

The wage earner index is computed by dividing the number of wage earners (average for the year) employed in manufacturing establishments in 1899 into the average number for each census year and multiplying the quotient by 100. The number of wage earners in 1899 was adjusted to eliminate those employed in establishments whose value of products was under \$5,000. An approximate adjustment was made in the number of wage earners reported in the 1939 census to attain better comparability with the wage earner figures for previous censuses. The adjustment was made necessary by the change in the method of reporting wage earners.

The figures for "Production per wage earner" are determined by dividing the index of physical output for each census year by the wage earner index for that year.

## GENERAL SUMMARY

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TABLE 1.—COMBINED SUMMARY FOR CONTINENTAL UNITED STATES, ALASKA, HAWAII, AND PUERTO RICO:  
1939

ITEM	Aggregate	Continental United States	OUTLYING AREAS			
			Total	Alaska	Hawaii	Puerto Rico
Number of establishments.....	185,732	184,230	11,502	1,230	1,474	1,798
Persons engaged.....	9,110,525	9,058,829	51,696	5,467	19,518	26,711
Proprietors and firm members.....	125,079	123,655	1,424	151	320	953
Salaries officers and employees <sup>1</sup> .....	1,053,577	1,048,607	4,970	500	2,196	2,274
Wage earners (average for year).....	7,931,869	7,886,567	45,302	4,816	17,002	23,484
Salaries and wages.....	\$11,666,325,260	\$11,630,298,286	\$36,026,974	\$8,032,271	\$15,319,005	\$12,675,698
Salaries of officers and employees.....	2,548,821,794	2,540,357,370	8,464,424	1,148,283	3,860,694	3,455,447
Wages.....	9,117,503,466	9,089,940,916	27,562,550	6,883,988	11,458,311	9,220,251
Cost of materials, fuel, and electric energy.....	32,332,955,886	32,160,106,681	172,849,205	20,916,757	75,651,675	76,280,773
Value of products.....	57,127,345,141	56,843,024,800	284,320,341	38,815,436	134,005,264	111,499,041
Value added by manufacture.....	24,794,389,255	24,682,918,119	111,471,136	17,898,679	58,353,589	35,218,868

<sup>1</sup> Establishments that made products to the value of \$2,000 or more.<sup>2</sup> Not including employees of central-administrative offices.TABLE 2.—SUMMARY FOR ALL MANUFACTURING INDUSTRIES, FOR CONTINENTAL UNITED STATES: 1849  
TO 1939

	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, supplies, fuel, and purchased energy <sup>1</sup>	Value of products <sup>1</sup>	Value added by manufacture <sup>2</sup>
FACTORIES AND HAND AND NEIGHBORHOOD INDUSTRIES						
1849 <sup>3</sup> .....	123,025	957,059	\$236,755,464	\$555,123,882	\$1,019,106,616	\$463,982,734
1859 <sup>3</sup> .....	140,433	1,311,246	\$378,878,966	\$1,031,605,092	\$1,885,861,676	\$854,256,584
Percent of increase, 1849 to 1859.....	14.1	37.0	60.0	85.8	85.1	84.1
1869 <sup>3</sup> .....	252,148	2,053,996	\$620,467,474	\$1,990,741,794	\$3,385,860,354	\$1,395,118,500
Percent of increase, 1859 to 1869.....	79.6	56.6	63.8	93.0	79.5	63.3
1879 <sup>3</sup> .....	253,852	2,732,595	\$947,953,795	\$3,396,823,549	\$5,369,579,191	\$1,972,755,642
Percent of increase, 1869 to 1879.....	0.7	33.0	52.8	70.6	58.6	41.4
1889 <sup>3</sup> .....	355,405	4,251,535	\$1,891,219,696	\$5,162,013,878	\$9,372,378,843	\$4,210,384,965
Percent of increase, 1879 to 1889.....	40.0	55.6	99.5	52.0	74.5	113.4
FACTORIES, EXCLUDING HAND AND NEIGHBORHOOD INDUSTRIES <sup>4</sup>						
1899 <sup>3</sup> .....	204,750	4,501,919	\$1,892,573,748	\$6,385,969,992	\$11,032,950,872	\$4,646,980,880
Percent of increase or decrease (—), 1889 to 1899.....	42.4	5.9	0.1	23.7	17.7	10.4
1904 <sup>3</sup> .....	213,444	5,181,660	\$2,440,851,241	\$8,233,790,346	\$14,252,961,195	\$6,019,170,849
Percent of increase, 1899 to 1904.....	4.2	15.1	29.0	28.9	29.2	29.5
1909 <sup>3</sup> .....	264,826	6,262,242	\$3,205,547,695	\$11,783,160,069	\$19,945,249,356	\$8,162,089,287
Percent of increase, 1904 to 1909.....	24.1	20.9	31.3	43.1	39.9	35.6
1914 <sup>3</sup> .....	173,575	6,475,567	\$3,709,448,888	\$13,811,422,399	\$23,049,632,203	\$9,238,209,804
Percent of increase or decrease (—), 1909 to 1914.....	34.5	3.4	15.7	17.2	15.6	13.2
1919 <sup>3</sup> .....	210,268	8,423,984	\$9,611,001,702	\$36,229,015,070	\$59,964,026,770	\$23,735,011,700
Percent of increase, 1914 to 1919.....	21.1	30.1	159.1	160.2	156.9	156.9
1921 <sup>3</sup> .....	192,059	6,475,474	\$7,451,299,132	\$24,397,078,171	\$41,649,852,884	\$17,262,774,713
Percent of decrease (—), 1919 to 1921.....	8.7	23.1	22.5	32.7	30.5	27.3
1923 <sup>3</sup> .....	192,096	8,194,170	\$10,148,623,869	\$33,611,809,366	\$58,181,296,391	\$24,569,487,025
Percent of increase, 1921 to 1923.....	(9)	26.5	36.2	37.8	39.7	42.4
1925 <sup>3</sup> .....	183,877	7,871,409	\$9,979,649,153	\$35,141,601,111	\$60,809,224,893	\$25,067,623,692
Percent of increase or decrease (—), 1923 to 1925.....	4.3	3.9	1.7	4.6	4.5	4.5
1927 <sup>3</sup> .....	187,629	7,848,070	\$10,099,465,140	\$34,010,074,864	\$60,335,468,091	\$26,325,394,037
Percent of increase or decrease (—), 1925 to 1927.....	2.0	0.3	1.2	3.2	0.8	2.6
1929 <sup>3</sup> .....	206,663	8,369,705	\$10,884,919,296	\$37,402,605,796	\$67,994,040,824	\$30,591,435,028
Percent of increase, 1927 to 1929.....	10.1	6.6	7.8	10.0	12.7	16.2
1931 <sup>3</sup> .....	171,450	6,163,144	\$6,688,541,286	\$21,229,356,201	\$39,829,887,896	\$18,600,531,695
Percent of decrease (—), 1929 to 1931.....	17.0	26.4	38.6	43.2	41.4	39.2
1933 <sup>3</sup> .....	139,325	5,787,611	\$4,040,146,002	\$16,549,788,096	\$30,557,328,149	\$14,007,540,053
Percent of decrease (—), 1931 to 1933.....	18.7	6.1	26.1	23.0	23.3	24.7
1935 <sup>3</sup> .....	167,916	7,203,794	\$7,311,329,029	\$26,441,145,271	\$44,993,698,573	\$18,552,553,302
Percent of increase, 1933 to 1935.....	20.5	24.5	48.0	59.8	47.2	32.4
1937 <sup>3</sup> .....	166,794	8,569,231	\$10,112,882,711	\$35,539,332,824	\$60,712,871,737	\$25,173,538,913
Percent of increase or decrease (—), 1935 to 1937.....	0.7	19.0	38.3	34.4	34.9	35.7
1939 <sup>3</sup> .....	184,230	7,886,567	\$9,089,940,916	\$32,160,106,681	\$56,843,024,800	\$24,682,918,119
Percent of increase or decrease (—), 1937 to 1939.....	10.5	8.0	10.1	9.5	6.4	1.9

<sup>1</sup> See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.<sup>2</sup> Value of products less cost of materials, supplies, fuel, and purchased energy. See GENERAL EXPLANATIONS—Value added by manufacture.<sup>3</sup> For all establishments having products valued at \$500 or more. See GENERAL EXPLANATIONS—Establishments covered—minimum size limit.<sup>4</sup> Reduced to gold basis.<sup>5</sup> The figures for 1899 to 1929, inclusive, have been revised by the deduction of the data for railroad repair shops (both steam and electric), for the industries "Coffee and spice, roasting and grinding," "Flax and hemp, dressed," "Gas, manufactured, illuminating and heating," and "Peanuts, walnuts, and other nuts, processed or shelled," and also for "Motion pictures, not including projection in theaters," where the figures had not been previously deducted. The figures for 1914 and 1919 are not, in all cases, strictly comparable, as not every item was tabulated separately for establishments reporting products valued at less than \$5,000 and therefore the information necessary for making such adjustments was not available in all cases.<sup>6</sup> For all establishments having products valued at \$5,000 or more. See GENERAL EXPLANATIONS—Establishments covered—minimum size limit.<sup>7</sup> The figures for the "Automobile repairing" industry have been deducted from the statistics for 1914 and 1919, the only years for which this industry was canvassed.<sup>8</sup> Less than one-tenth of 1 percent.<sup>9</sup> Includes cost of contract work.<sup>10</sup> Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. Not strictly comparable with figures for years prior to 1935.

## CENSUS OF MANUFACTURES: 1939

TABLE 3.—INDEXES FOR POPULATION, WAGE EARNERS, AND PRODUCTION: 1899 TO 1939

[For explanation of methods used in computing indexes in this table, see "Manufacturing production as measured by physical volume," of the General Summary, p. 18]

CENSUS YEAR	Popula- tion	Wage earners	Production <sup>1</sup> (quantity)	Production per wage earner	CENSUS YEAR	Popula- tion	Wage earners	Production <sup>1</sup> (quantity)	Production per wage earner
1899.....	100	100	100	100	1927.....	158	178	317	178
1904.....	110	115	124	108	1929.....	162	190	364	192
1909.....	121	139	158	114	1931.....	166	140	262	187
1914.....	131	147	186	127	1933.....	168	131	228	174
1919.....	140	191	222	116	1935.....	170	163	301	185
1921.....	145	147	194	132	1937.....	<sup>2</sup> 172	194	376	194
1923.....	149	186	280	151	1939.....	175	187	373	199
1925.....	154	178	298	167					

<sup>1</sup> The index of physical output is that computed by Dr. Solomon Fabricant for the National Bureau of Economic Research and is presented here by their permission.<sup>2</sup> Revised.

TABLE 4.—COMBINED GENERAL STATISTICS FOR ALL MANUFACTURING INDUSTRIES, FOR CONTINENTAL UNITED STATES: 1899 TO 1939

[The figures for the years 1899 to 1929 in this table have been revised by deducting data for railroad repair shops (both steam and electric), for the "Gas manufactured, illuminating and heating," "Coffee and spice, roasting and grinding," "Flax and hemp, dressed," "Grindstones," and "Peanuts, walnuts, and other nuts, processed or shelled" industries, and for "Motion pictures, not including projection in theaters" (where data for these had not previously been subtracted). It was not possible in all cases to obtain strictly comparable figures by this method, as data for establishments reporting less than \$5,000 for products were not tabulated for each item for each industry. The figures for 1899-1909 include data for establishments reporting products between \$500 and \$5,000 in value; those for all other years relate to establishments reporting products valued at \$5,000 or more. The figures for 1914 and 1919 are not strictly comparable, as not all items were tabulated by industries for the establishments having products valued at less than \$5,000, and thus the data necessary for making adjustments were not available]

YEAR OR PERIOD	Number of establish- ments	Proprietors and firm members	Salaried officers and employees	Wage earners (average for year)	HORSEPOWER (RATED CAPACITY) OF POWER EQUIPMENT	
					Prime movers	Motors run by purchased energy
1899.....	184,230	123,655	1,048,607	7,886,567	21,239,195	29,213,085
1907.....	168,794	99,268	1,217,171	8,569,231	( <sup>1</sup> )	( <sup>1</sup> )
1915.....	167,916	81,521	1,058,501	7,203,794	( <sup>1</sup> )	( <sup>1</sup> )
1923.....	139,325	72,267	<sup>2</sup> 770,314	5,787,611	( <sup>1</sup> )	( <sup>1</sup> )
1931.....	171,450	( <sup>1</sup> )	( <sup>1</sup> )	6,163,144	( <sup>1</sup> )	( <sup>1</sup> )
1929.....	206,663	132,686	1,290,037	8,369,705	19,328,309	21,793,762
1927.....	187,829	132,151	1,223,982	7,848,070	18,901,517	18,224,432
1925.....	183,877	132,971	1,156,362	7,671,409	19,243,158	15,116,326
1923.....	192,096	147,958	1,280,488	8,194,170	( <sup>1</sup> )	( <sup>1</sup> )
1921.....	192,059	172,291	1,081,890	6,475,474	( <sup>1</sup> )	( <sup>1</sup> )
1919 <sup>3</sup> .....	210,268	249,881	1,371,888	8,423,964	19,432,157	8,965,406
1914 <sup>4</sup> .....	173,575	258,560	911,809	6,475,587	17,857,509	3,707,414
1909.....	264,826	272,426	750,537	6,262,242	16,393,467	1,069,226
1904.....	213,444	225,115	493,297	5,181,660	12,004,074	427,749
1899.....	204,750	( <sup>5</sup> )	348,100	4,501,919	9,633,215	178,176

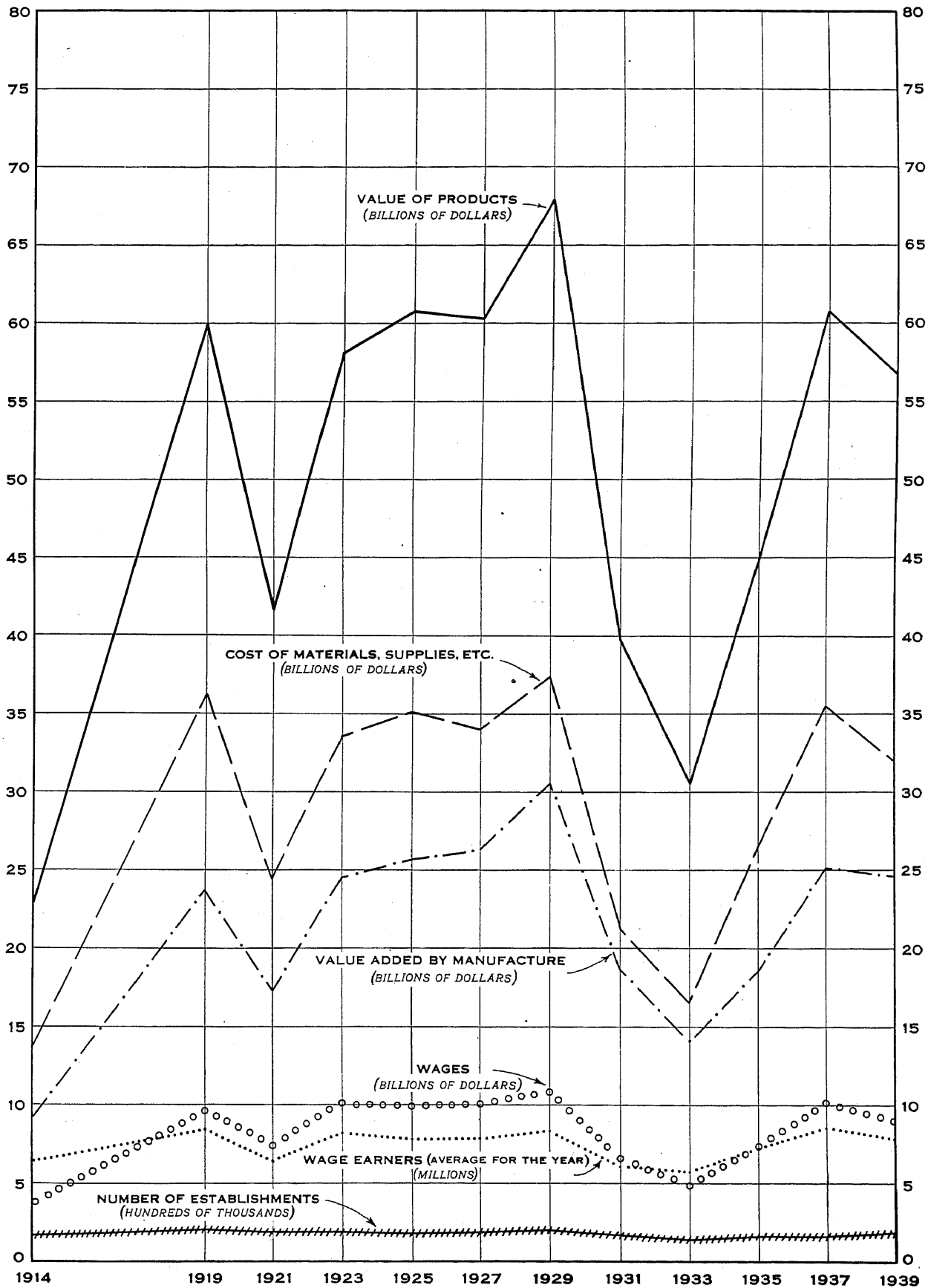
YEAR OR PERIOD	SALARIES AND WAGES			Cost of materials, supplies, fuel, and purchased elec- tric energy	Value of products	Value added by manufacture
	Total	Salaries	Wages			
1939.....	\$11,630,298,286	\$2,540,357,370	\$9,089,940,916	\$32,160,106,681	\$56,843,024,800	\$24,682,918,119
1937.....	12,829,748,927	2,716,866,216	10,112,882,711	35,539,332,824	60,712,871,737	25,173,538,913
1935.....	9,564,753,906	2,253,424,877	7,311,329,029	26,441,145,271	44,993,698,573	18,552,553,302
1933.....	6,237,800,399	<sup>3</sup> 1,297,654,397	4,940,146,002	16,549,788,096	30,557,328,149	14,007,540,053
1931.....	( <sup>4</sup> )	( <sup>4</sup> )	6,688,541,286	21,229,356,201	39,829,887,896	18,600,531,605
1929.....	14,284,282,015	3,399,362,719	10,884,919,296	37,402,605,796	67,994,040,824	30,591,435,028
1927.....	13,123,134,828	3,023,669,688	10,099,465,140	34,010,074,864	60,335,468,901	26,325,394,037
1925.....	12,732,193,745	2,752,544,592	9,979,649,153	35,141,601,111	60,809,224,803	25,667,623,692
1923.....	12,996,459,891	2,847,836,022	10,148,623,869	33,611,809,366	58,181,296,391	24,569,487,025
1921.....	9,870,198,976	2,418,899,844	7,451,299,132	24,397,078,171	41,649,852,884	17,252,774,713
1919 <sup>5</sup> .....	12,373,903,800	2,762,905,088	9,611,001,702	36,229,015,070	59,964,026,770	23,735,011,700
1914 <sup>6</sup> .....	4,931,104,226	1,221,655,338	3,709,448,888	13,811,422,399	23,049,632,203	9,238,209,804
1909.....	4,106,201,312	900,653,617	3,205,547,695	11,783,160,069	19,945,249,356	8,162,089,287
1904.....	2,990,924,296	550,073,055	2,440,851,241	8,233,790,346	14,252,961,195	6,019,170,849
1899.....	2,253,653,748	366,080,000	1,892,573,748	6,385,969,992	11,032,950,872	4,646,980,880

<sup>1</sup> Not called for on schedule.<sup>2</sup> Figures not available.<sup>3</sup> Not including data for salaried officers of corporations and their salaries and therefore not strictly comparable with figures for other years.<sup>4</sup> No data.<sup>5</sup> The figures for the "Automobile repairing" industry have been deducted from the statistics for 1914 and 1919, the only years for which this industry was canvassed.<sup>6</sup> No comparable data.

# GENERAL SUMMARY

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GRAPHIC SUMMARY FOR MANUFACTURING INDUSTRIES: 1914 TO 1939



## CENSUS OF MANUFACTURES: 1939

TABLE 5.—GENERAL STATISTICS IN DETAIL, BY

Group No.	INDUSTRY GROUP AND INDUSTRY	Number of establishments	Proprietors and firm members	NUMBER OF PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS <sup>1 2</sup>							SALARIES AND WAGES		
				Total	Salaried officers of corporations	Manufacturing		Distribution	Construction	Other	Total <sup>4</sup>	Salaried officers of corporations	Manufacturing Salaries
						Salaried employees	Wage earners (average for year) <sup>3</sup>						
1	All industries, total.....	184, 230	123, 655	9, 622, 923	139, 350	909, 257	7,886,567	583, 364	70, 887	33, 498	\$12,836,534,293	\$756,910,428	\$1,783,446,942
	GROUP												
2	1 Food and kindred products.....	51, 448	40, 837	1, 132, 625	20, 645	92, 528	823, 693	173, 885	8, 626	13, 248	1, 465, 558, 100	97, 839, 198	164, 114, 322
3	2 Tobacco manufactures.....	765	604	96, 035	412	4, 345	87, 525	3, 101	148	504	86, 772, 449	2, 687, 460	8, 668, 288
4	3 Textile-mill products and other fiber manufactures.....	6, 444	2, 324	1, 163, 451	8, 111	54, 573	1,082,602	14, 805	1, 771	1, 589	1, 095, 020, 093	50, 792, 248	100, 533, 176
5	4 Apparel and other finished products made from fabrics and similar materials.....	20, 206	16, 888	849, 464	15, 572	37, 140	751, 377	42, 720	443	2, 212	861, 294, 405	71, 709, 729	58, 882, 060
6	5 Lumber and timber basic products.....	11, 520	10, 066	398, 575	4, 660	19, 956	360, 613	8, 962	3, 099	1, 285	380, 672, 829	18, 399, 732	33, 198, 489
7	6 Furniture and finished lumber products.....	8, 457	5, 336	344, 956	7, 501	24, 804	293, 570	17, 558	710	813	382, 166, 885	32, 576, 230	40, 719, 727
8	7 Paper and allied products.....	3, 279	839	316, 121	4, 225	26, 840	264, 716	14, 808	4, 933	599	434, 797, 264	29, 768, 469	55, 107, 927
9	8 Printing, publishing, and allied industries.....	24, 878	18, 147	552, 505	18, 937	124, 060	324, 535	84, 108	749	116	977, 702, 397	99, 716, 764	231, 852, 004
10	9 Chemicals and allied products.....	9, 203	3, 398	404, 249	8, 204	54, 906	287, 136	40, 614	11, 131	2, 258	621, 089, 366	48, 373, 430	116, 769, 114
11	10 Products of petroleum and coal.....	989	192	139, 654	561	17, 986	105, 428	4, 014	10, 851	814	250, 131, 477	3, 475, 846	44, 617, 456
12	11 Rubber products.....	595	161	149, 738	902	17, 734	120, 740	8, 568	1, 552	242	226, 922, 132	7, 131, 196	37, 305, 643
13	12 Leather and leather products.....	3, 508	1, 746	359, 858	3, 982	19, 892	327, 663	7, 864	374	83	366, 373, 544	22, 006, 217	33, 197, 557
14	13 Stone, clay, and glass products.....	7, 024	3, 816	337, 894	5, 487	27, 452	287, 522	13, 318	3, 408	707	440, 280, 158	24, 777, 352	53, 921, 014
15	14 Iron and steel and their products, except machinery.....	8, 994	3, 486	1, 127, 413	11, 918	105, 207	966, 367	33, 145	9, 593	1, 183	1, 695, 240, 869	73, 892, 578	223, 594, 105
16	15 Nonferrous metals and their products.....	5, 600	3, 839	282, 228	4, 976	28, 836	228, 753	14, 030	3, 479	2, 154	422, 043, 616	27, 995, 301	58, 077, 808
17	16 Electrical machinery.....	2, 014	640	335, 248	2, 759	54, 769	256, 467	17, 973	2, 109	1, 171	519, 867, 970	20, 452, 662	119, 162, 064
18	17 Machinery (except electrical).....	9, 506	4, 911	680, 297	11, 287	95, 376	522, 980	44, 140	3, 340	3, 174	1, 109, 857, 923	71, 947, 140	186, 329, 250
19	18 Automobiles and automobile equipment.....	1, 133	564	460, 419	1, 327	44, 884	398, 963	14, 143	307	795	793, 484, 209	10, 471, 423	104, 736, 614
20	19 Transportation equipment, except automobiles.....	968	435	189, 068	1, 113	27, 098	157, 097	2, 719	795	246	309, 843, 437	7, 527, 861	56, 124, 162
21	20 Miscellaneous industries.....	7, 699	5, 426	303, 132	6, 771	30, 871	238, 827	22, 889	3, 469	305	397, 465, 170	35, 369, 592	56, 583, 162
	INDUSTRY												
22	13 Abrasive wheels, stones, paper, cloth, and related products.....	124	31	11, 321	205	1, 646	7, 734	1, 120	392	224	20, 490, 908	1, 744, 548	3, 699, 072
23	17 Agricultural machinery (except tractors).....	317	132	34, 898	410	5, 176	27, 806	1, 345	82	79	48, 809, 691	1, 878, 531	9, 167, 366
24	19 Aircraft and parts, including aircraft engines.....	125	36	63, 904	348	13, 423	48, 638	1, 172	282	131	108, 285, 547	2, 787, 899	25, 188, 704
25	15 Alloying; and rolling and drawing of nonferrous metals, except aluminum.....	188	28	47, 270	244	5, 119	38, 818	1, 540	1, 441	110	75, 590, 912	2, 089, 616	11, 145, 685
26	15 Aluminum products (including rolling and drawing and extruding), not elsewhere classified.....	162	108	21, 157	118	2, 865	17, 249	247	603	75	33, 596, 933	750, 730	5, 726, 166
27	15 Aluminum ware, kitchen, hospital, and household (except electrical appliances).....	32	9	8, 253	57	831	6, 297	1, 026	4	38	12, 350, 800	569, 061	1, 623, 889
28	9 Ammunition.....	13	2	5, 247	15	672	4, 264	264	20	12	6, 944, 595	125, 593	1, 269, 465
29	3 Artificial leather and oilcloth.....	36	6	5, 029	62	572	3, 976	375	38	6	8, 094, 782	475, 819	1, 197, 773
30	20 Artists' materials.....	42	29	614	31	106	397	80			910, 800	141, 807	179, 818
31	13 Asbestos products (except steam packing and pipe and boiler covering).....	79	12	12, 216	90	1, 184	9, 979	725	232	6	16, 291, 196	592, 635	2, 363, 697
32	14 Automobile stampings.....	90	21	10, 081	156	1, 086	8, 597	205	33	4	15, 921, 285	1, 112, 268	2, 170, 984
33	18 Automobile trailers (for attachment to passenger cars).....	79	71	1, 696	46	131	1, 426	89	1	3	2, 000, 229	201, 505	165, 988
34	16 Automotive electrical equipment.....	84	24	20, 977	100	2, 755	17, 495	546	6	75	32, 556, 000	628, 471	5, 880, 841
35	1 Baking powder, yeast, and other leavening compounds.....	47	3	4, 023	49	456	2, 334	992	180	12	7, 554, 421	521, 608	1, 184, 665
36	6 Baskets for fruits and vegetables.....	153	99	8, 644	104	347	8, 048	126	19		5, 477, 691	323, 706	492, 411
37	16 Batteries, storage and primary (dry and wet).....	221	120	18, 666	161	2, 204	15, 034	1, 149	40	78	27, 244, 913	957, 689	4, 403, 914
38	3 Batting, padding, and wadding; upholstery filling.....	124	54	5, 291	119	429	4, 505	235		3	6, 188, 197	833, 595	728, 194
39	20 Beauty - shop and barber - shop equipment.....	72	23	2, 814	99	321	1, 986	408			3, 592, 679	598, 239	565, 433
40	10 Beehive coke.....	29	1	761	6	63	685	4		3	781, 620	9, 010	64, 091
41	1 Beet sugar.....	85		12, 324	34	1, 443	10, 410	1	73	363	16, 408, 052	194, 635	2, 747, 099
42	4 Belts (apparel), regardless of material.....	245	231	5, 159	186	267	4, 222	467		17	5, 799, 940	710, 442	369, 040
43	1 Biscuit, crackers, and pretzels.....	356	202	35, 930	307	2, 081	29, 173	3, 846	161	362	42, 059, 144	1, 809, 642	3, 885, 480
44	14 Blast-furnace products.....	81		22, 027	21	1, 890	19, 537	31	546	2	34, 497, 508	145, 484	5, 242, 515
45	1 Blended and prepared flour made from purchased flour.....	78	38	1, 105	46	130	706	222		1	1, 410, 209	206, 038	201, 223
46	17 Blowers; exhaust and ventilating fans.....	77	29	5, 446	93	641	3, 885	724	21	82	9, 063, 141	636, 659	1, 144, 611
47	9 Bluing.....	13	12	117	10	20	55	27		5	197, 085	59, 442	28, 358
48	19 Boat building and boat repairing.....	202	168	3, 009	92	224	2, 630	63			3, 802, 465	377, 955	392, 393
49	14 Bolts, nuts, washers, and rivets made in plants not operated in connection with rolling mills.....	155	30	17, 107	257	1, 780	14, 331	718	16	5	25, 475, 667	1, 904, 392	3, 656, 244
50	9 Bone black, carbon black, and lampblack.....	53	1	1, 909	17	191	1, 574	26	95	6	2, 718, 209	125, 825	408, 475
51	8 Bookbinding and related industries.....	1, 133	893	31, 622	975	2, 961	25, 690	1, 957	32	7	42, 840, 415	4, 617, 064	5, 112, 069
52	8 Books: printing without publishing.....	690	359	21, 553	835	2, 459	16, 547	1, 590	72		38, 807, 339	4, 995, 946	5, 107, 563
53	8 Books: publishing and printing.....	150	61	8, 839	215	1, 441	6, 091	1, 087	5		14, 715, 064	1, 362, 999	2, 696, 124
54	8 Books: publishing without printing.....	556	156	12, 137	676	6, 199	135	5, 127			22, 984, 919	4, 685, 946	9, 459, 396

See footnotes at end of table.

## GENERAL SUMMARY

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## INDUSTRY GROUPS AND BY INDUSTRIES: 1939

SALARIES AND WAGES—continued				COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK					Value of products <sup>4,5</sup>	Value added by manu- facture <sup>6</sup>	
Manufactur- ing—Con.											
Wages	Distribution	Construc- tion	Other	Total <sup>1,2</sup>	Materials and supplies	Fuel	Purchased electric energy	Contract work			
\$9,089,940,916	\$1,052,755,302	\$107,557,384	\$45,973,321	\$32,160,106,681	\$30,254,960,667	\$850,463,848	\$465,426,583	\$589,255,583	\$56,843,024,800	\$24,682,918,119	1
913,984,950 68,499,717	259,440,391 6,031,377	12,153,537 328,899	18,025,702 556,708	7,062,039,218 972,036,787	6,895,302,394 968,808,150	86,958,179 1,239,054	74,913,613 1,023,517	4,865,032 906,066	10,618,025,930 1,322,189,139	3,555,986,712 350,152,352	2 3
908,379,285	31,732,912	2,192,267	1,390,205	2,108,925,959	1,084,291,630	42,258,094	53,789,371	28,586,264	3,930,678,093	1,821,752,134	4
654,401,873 310,381,443	73,485,553 13,377,661	612,378 3,759,371	2,202,812 1,556,133	1,943,677,438 504,243,270	1,701,397,285 463,374,986	3,432,259 7,147,254	11,978,451 7,026,558	226,869,443 26,694,472	3,325,015,179 1,122,057,978	1,381,337,741 617,814,708	5 6
274,738,465 309,856,579	32,346,805 31,989,743	664,553 6,865,547	1,121,105 1,208,999	640,955,985 1,149,666,420	621,562,937 1,063,398,911	7,697,109 58,749,342	9,014,683 25,773,110	2,681,266 1,745,057	1,267,724,013 2,019,508,217	626,768,028 869,901,797	7 8
493,615,659 356,175,902	150,585,862 79,301,348	1,705,932 16,705,579	226,176 3,763,993	812,007,618 1,854,140,407	614,011,305 1,753,213,088	6,723,627 62,739,809	18,244,098 35,783,324	173,028,583 2,404,186	2,578,464,382 3,733,657,723	1,766,456,764 1,879,517,316	9 10
173,701,818 161,409,811	7,699,148 18,207,947	19,298,766 2,554,858	1,338,443 312,677	2,278,485,610 496,174,017	2,192,110,640 477,967,737	69,516,464 7,675,255	14,394,276 10,172,687	2,464,230 358,340	2,953,973,409 902,328,802	675,487,799 400,154,785	11 12
294,289,718 320,550,927	16,375,436 26,331,417	431,412 4,709,519	120,204 980,929	805,911,414 528,792,323	783,178,977 409,967,723	5,862,310 84,268,125	5,700,912 31,999,382	11,169,215 2,557,093	1,389,513,718 1,440,151,489	583,602,304 911,359,166	13 14
1,313,633,202	69,266,585	13,071,813	1,782,586	3,635,870,517	3,229,277,773	316,196,243	74,068,026	16,328,475	6,591,530,456	2,955,659,939	15
299,219,667 335,819,534	28,399,537 38,572,775	5,476,271 4,138,706	2,875,032 1,722,229	1,748,591,574 727,436,259	1,688,447,257 702,716,203	27,843,581 9,597,325	25,051,566 11,860,954	7,249,170 3,261,777	2,572,854,496 1,727,389,949	824,262,622 999,953,690	16 17
748,288,262	93,568,714	5,244,288	4,480,269	1,285,211,133	1,224,978,946	18,775,888	16,684,145	50,641,754	3,254,173,950	1,968,962,817	18
646,405,891	29,856,934	640,137	1,373,210	2,725,396,316	2,639,294,529	4,840,796	5,311,905	8,381,886	882,896,840	471,519,740	19
239,253,940 258,325,273	5,200,972 40,984,185	1,457,474 5,546,077	279,028 656,881	411,377,100 469,167,316	392,842,513 448,817,683	6,131,022	7,781,616	6,436,995	1,162,958,308	693,790,992	20 21
10,683,071	3,215,465	742,848	405,899	26,505,999	25,030,578	743,975	709,879	21,567	71,271,168	44,765,169	22
35,228,807	2,303,840	164,029	67,118	79,270,104	76,231,887	1,874,425	875,110	288,682	167,895,292	88,625,188	23
77,488,188	1,990,577	730,354	99,765	96,250,233	86,924,768	551,382	1,305,537	7,468,546	279,496,844	183,246,611	24
56,282,378	3,575,060	2,356,545	141,628	280,890,489	270,120,291	5,453,094	4,817,294	499,810	445,060,017	164,169,528	25
25,539,148	475,186	995,646	110,057	106,993,222	103,513,455	1,659,684	1,551,137	268,946	169,819,269	62,826,047	26
7,774,778 4,952,610 5,391,326 404,389	2,340,139 549,869 970,257 124,786	6,623 32,431 53,325	36,310 14,627 6,282	17,206,914 13,004,357 25,250,079 2,018,727	16,637,236 12,574,041 24,021,071 23,338	223,911 290,682 465,375 23,338	322,191 85,087 251,799 58,030	23,526 54,547 511,834 1,039	37,124,898 29,091,475 43,434,067 4,070,141	19,917,984 16,087,118 18,183,988 2,051,419	27 28 29 30
11,578,739 11,970,203	1,401,248 591,013	349,763 72,717	5,114 4,100	23,928,040 21,826,766	22,292,026 20,631,552	915,943 232,572	709,266 551,122	10,805 411,520	60,774,252 47,833,155	36,846,212 26,006,389	31 32
1,501,270 24,896,474	129,086 1,009,633	584 9,349	1,796 131,232	4,835,158 42,040,931	4,754,679 40,569,713	26,814 636,702	38,771 740,416	14,894 94,100	7,941,996 109,761,620	3,106,838 67,720,689	33 34
3,654,208 4,470,188	1,778,791 171,159	386,482 20,227	28,667	14,462,304 5,748,600	13,541,712 5,600,322	587,100 38,393	333,492 105,879	(7) 4,006	31,774,637 14,286,273	17,312,333 8,537,673	35 36
19,209,426	2,474,326	76,018	123,540	63,176,798	60,596,351	957,416	1,526,435	96,596	117,582,712	54,405,914	37
4,120,350	502,728	-----	3,330	16,921,450	16,347,778	202,381	371,291	(7)	30,213,085	13,291,635	38
1,817,595 701,108 12,361,317	611,412 7,050 1,090	----- ----- 206,848	----- 361 897,063	5,365,890 3,566,705 84,951,372	5,216,553 3,478,380 79,244,182	15,403 24,434 5,499,046	65,690 57,730 208,144	68,244 6,161 -----	13,006,333 4,781,094 134,396,017	7,640,443 1,214,389 49,444,645	39 40 41
4,066,591 23,549,620 28,312,336	643,113 6,545,833 133,753	----- 403,484 662,412	10,754 865,035 1,008	9,900,188 82,049,455 463,719,471	9,763,985 79,465,352 316,774,848	4,913 1,806,825 145,500,186	71,010 777,278 1,444,437	60,280 ----- -----	19,076,348 200,792,878 550,802,313	9,176,160 118,743,423 87,032,842	42 43 44
593,196	417,058	174	1,520	13,965,965	13,892,959	17,196	55,810	-----	17,894,332	3,928,367	45
5,371,111 55,925 2,897,445	1,743,697 43,726 133,672	25,105 ----- -----	141,958 4,634 1,000	11,767,721 386,220 4,958,297	11,280,704 380,720 4,836,782	174,092 1,568 36,463	115,197 2,545 73,243	197,728 1,387 11,804	28,606,349 1,142,341 10,884,542	16,838,633 756,121 5,926,245	46 47 48
18,332,950	1,543,581	31,748	6,752	38,708,570	36,214,766	930,202	937,773	625,829	84,117,969	45,409,399	49
2,001,097 29,062,627 25,037,639 8,404,779	51,482 3,897,529 3,494,773 2,237,117	124,015 119,916 171,413 14,045	7,315 30,610 ----- -----	6,103,427 30,428,715 32,012,005 11,728,693	5,772,570 28,044,632 27,536,310 9,517,775	22,877 290,800 281,734 118,943	307,980 763,464 861,687 221,339	----- 1,330,319 3,332,274 1,870,636	14,626,876 102,591,313 87,650,088 39,517,202	8,523,449 72,162,598 55,644,083 27,788,509	50 51 52 53
195,673	8,643,904	-----	-----	35,548,274	7,517,741	9,451	93,145	27,927,937	109,579,003	74,030,729	54

## CENSUS OF MANUFACTURES: 1939

TABLE 5.—GENERAL STATISTICS IN DETAIL, BY

Group No.	INDUSTRY GROUP AND INDUSTRY	Number of establishments	Proprietors and firm members	NUMBER OF PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS <sup>1 2</sup>							SALARIES AND WAGES		
				Total	Salaried officers of corporations	Manufacturing		Distribution	Construction	Other	Total <sup>4</sup>	Salaried officers of corporations	Manufacturing Salaries
						Salaried employees	Wage earners (average for year) <sup>3</sup>						
	INDUSTRY—continued												
1 12	Boot and shoe cut stock and findings	520	293	21,293	474	1,480	18,845	471	22	1	\$22,735,477	\$2,191,965	\$2,351,028
2 1	Bread and other bakery products (except biscuit, crackers, and pretzels)	18,043	18,783	247,591	3,094	13,610	201,533	24,720	1,007	3,627	330,665,684	12,666,456	24,308,430
3 13	Brick and hollow structural tile	800	330	32,962	608	1,779	29,069	1,096	275	45	33,877,263	2,642,630	2,909,199
4 20	Brooms	320	359	4,377	112	232	3,787	246			3,626,692	283,000	253,255
5 20	Brushes	245	146	10,029	253	1,004	7,891	812	69		12,524,287	1,220,828	1,782,006
6 20	Buttons	316	265	12,418	229	729	10,972	442	46		11,764,496	1,020,223	1,268,278
7 9	Candles	28	9	1,188	48	94	840	204		2	1,752,222	329,673	184,637
8 1	Candy and other confectionery products	1,252	814	61,111	950	3,716	49,740	6,154	190	352	63,124,190	5,333,149	6,457,177
9 1	Cane sugar—except refineries	78	37	5,294	74	613	4,217	15	369	6	3,731,239	268,022	558,952
10 1	Cane-sugar refining	27	3	16,828	24	1,682	14,133	193	266	530	21,412,044	207,722	3,613,035
11 1	Canned and dried fruits and vegetables (including canned soups)	2,007	1,182	108,841	1,131	6,431	98,022	2,294	543	420	82,877,776	4,340,407	9,416,396
12 1	Canned fish, crustacea, and mollusks	214	103	16,928	190	638	15,735	179	97	89	9,283,827	767,231	918,400
13 4	Canvas products (except bags)	334	189	5,982	330	575	3,869	1,165	25	18	7,428,945	1,297,125	816,429
14 20	Carbon paper and inked ribbons	58	27	3,014	69	371	1,741	812	21		4,970,456	614,008	745,473
15 16	Carbon products for the electrical industry, and manufactures of carbon or artificial graphite	31	16	4,053	50	642	3,189	147	24	1	6,675,430	466,972	1,358,202
16 3	Carpets and rugs, wool	43	8	29,039	91	2,284	25,590	1,014	51	9	38,240,858	1,188,895	4,608,799
17 3	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	84	62	3,608	70	247	3,137	140	13	1	3,039,210	327,327	357,560
18 3	Carpet yarn, woolen and worsted	18	6	3,419	28	196	3,137	57	1		4,233,369	239,000	480,488
19 19	Cars and car equipment—railroad, street, and rapid-transit	143	1	28,792	45	3,919	24,523	192	109	4	44,108,727	300,978	8,578,335
20 17	Cars and trucks, industrial	55	17	3,770	92	517	2,732	419	2	8	5,330,131	436,966	893,966
21 6	Caskets, coffins, burial cases, and other morticians' goods	599	327	16,615	612	1,496	12,447	2,035	5	20	23,006,973	2,737,477	2,494,672
22 14	Cast-iron pipe and fittings	74	3	18,051	112	1,109	16,488	304	8	30	21,176,879	749,640	2,241,604
23 13	Cement	180	1	28,197	116	2,652	23,801	1,066	529	33	42,582,657	943,029	6,465,170
24 1	Cereal preparations	70	28	9,033	52	959	7,458	410	28	126	13,647,250	574,566	2,205,024
25 1	Cheese	2,682	2,339	6,152	79	663	5,009	352	26	23	6,787,707	272,728	901,199
26 9	Chemicals not elsewhere classified	543	56	83,063	430	13,646	60,268	2,051	6,104	564	148,148,149	3,641,400	34,879,910
27 1	Chewing gum	27	3	3,693	38	316	2,627	653	7	52	5,436,916	358,436	677,851
28 4	Children's and infants' wear not elsewhere classified—made in contract factories	22	26	1,029	6	20	995	7		1	731,390	19,359	29,682
29 4	Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors	103	68	4,929	91	206	4,365	252	4	11	4,618,845	395,220	315,081
30 4	Children's coats—made in contract factories	45	49	1,216	14	20	1,181			1	1,392,171	38,806	27,709
31 4	Children's coats—made in inside factories or by jobbers engaging contractors	108	75	2,827	114	229	2,130	328	1	25	4,453,090	538,266	370,893
32 4	Children's dresses—made in contract factories	114	127	4,598	19	87	4,487	5			2,762,264	45,693	111,836
33 4	Children's dresses—made in inside factories or by jobbers engaging contractors	182	111	12,112	188	583	10,646	677	2	16	11,189,952	1,145,939	921,751
34 20	Children's vehicles	44	10	4,952	77	371	4,319	175	10		6,171,659	505,463	604,296
35 13	China firing and decorating (for the trade)	24	19	509	18	29	421	38	3		616,440	82,033	43,524
36 1	Chocolate and cocoa products	39	4	8,831	58	725	6,464	1,010	334	240	13,030,169	686,447	1,422,378
37 6	Cigar boxes: wooden, part wooden	59	40	3,317	61	109	3,101	39	4	3	2,595,286	316,670	200,738
38 2	Cigarettes	35	3	30,803	32	1,353	27,426	1,680	31	281	33,667,806	496,576	3,232,818
39 2	Cigars	598	523	54,262	259	2,139	50,897	829	33	105	41,141,302	1,494,315	3,581,148
40 13	Clay products (except pottery) not elsewhere classified	99	76	1,868	46	114	1,651	49	8		1,921,263	150,118	185,710
41 13	Clay refractories, including refractory cement (clay)	165	13	13,655	124	929	12,211	221	138	32	15,404,131	612,049	1,794,163
42 9	Cleaning and polishing preparations, blackings, and dressings	637	301	9,978	578	1,403	5,128	2,802	33	34	15,964,521	2,921,172	2,468,942
43 15	Clocks, watches, and materials and parts (except watchcases)	74	29	21,287	111	1,615	17,878	1,273	114	296	27,504,819	1,061,402	3,068,850
44 4	Clothing, leather and sheep-lined	97	79	5,855	106	335	4,672	235	5	2	5,877,750	538,289	430,823
45 3	Cloth sponging and miscellaneous special finishing	112	41	3,460	131	307	2,811	197		14	5,500,169	683,904	557,336
46 9	Coal-tar products, crude and intermediate	49	1	2,954	12	435	2,338	19	150		4,877,611	67,816	961,451
47 7	Coated and glazed paper	140	17	9,549	201	1,040	7,450	766	84	8	14,898,515	1,609,555	2,091,888
48 4	Coats, suits, and skirts (except fur coats)—made in contract factories	846	985	22,179	338	308	21,405	86	2	40	24,179,985	780,824	435,456
49 4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	1,120	795	30,289	1,145	1,872	24,048	3,037	3	184	48,448,373	5,640,788	3,056,153
50 14	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills	43	3	6,772	71	704	5,644	269	67	17	11,344,455	697,364	1,665,623
51 15	Collapsible tubes	14		2,195	31	171	1,933	41	16	3	2,694,672	329,201	315,814
52 9	Colors and pigments	89	7	8,018	99	1,381	5,839	296	316	87	13,267,077	688,369	3,235,950

See footnotes at end of table.



## GENERAL SUMMARY

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## INDUSTRY GROUPS AND BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES—continued				COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK					Value of products <sup>1</sup>	Value added by manufacture <sup>2</sup>	
Manufacturing—Con.											
Wages	Distribution	Construction	Other	Total <sup>3</sup>	Materials and supplies	Fuel	Purchased electric energy	Contract work			
\$17,195,728	\$965,253	\$29,823	\$1,680	\$90,487,474	\$89,572,035	\$306,074	\$559,186	\$50,179	\$129,399,406	\$38,011,932	1
262,001,562	26,289,702	1,510,628	3,888,906	567,427,173	539,981,125	16,043,573	11,394,645	7,830	1,211,023,755	643,596,582	2
26,349,346	1,691,060	240,909	38,119	22,409,597	6,996,528	12,660,149	2,725,259	87,661	78,153,227	55,683,630	3
2,756,770	333,667			6,032,345	5,930,852	40,788	77,577	3,128	11,842,422	5,790,077	4
7,988,974	1,448,834	83,645		25,255,279	24,770,144	157,652	224,391	103,092	48,466,966	23,211,687	5
8,622,711	764,909	88,375		12,473,349	11,407,301	193,113	404,675	468,280	29,817,188	17,343,839	6
816,811	419,189		1,912	3,337,684	3,250,479	61,078	20,127		6,329,179	2,991,495	7
41,084,966	9,455,370	351,073	442,455	170,735,600	167,017,930	1,744,923	1,815,078	157,669	297,761,813	127,026,213	8
2,573,319	19,353	301,527	10,086	23,017,224	22,317,139	615,321	67,275	17,489	33,526,898	10,509,674	9
16,196,690	394,964	365,636	633,997	333,876,627	327,757,373	4,412,707	127,433	1,579,114	389,866,764	55,993,137	10
65,234,801	2,920,436	656,287	309,449	356,280,508	349,863,318	3,952,764	1,873,322	591,104	587,343,024	231,062,516	11
7,228,083	189,839	79,125	101,149	40,021,588	39,406,253	401,987	193,141	20,207	65,455,696	25,434,108	12
3,620,832	1,650,098	25,880	18,581	13,029,605	12,844,831	73,217	102,287	9,270	24,408,030	11,378,425	13
2,132,172	1,442,268	36,535		10,156,587	9,978,055	81,226	97,206	100	20,776,745	10,620,158	14
4,483,609	336,970	29,477	200	6,681,438	5,208,075	545,406	755,780	172,177	18,375,580	11,694,142	15
30,143,651	2,204,381	83,902	11,230	61,065,634	58,554,890	1,412,294	497,998	600,452	140,337,725	79,272,091	16
2,116,087	218,175	19,511	550	4,367,600	4,156,122	74,873	82,633	53,972	9,758,261	5,390,661	17
3,499,528	11,823	2,530		11,869,413	11,578,972	137,921	152,520	(7)	19,982,522	8,113,109	18
34,614,506	456,365	155,314	3,229	103,661,234	101,277,356	1,489,138	883,660	11,080	168,381,877	64,720,643	19
3,149,298	833,534	2,600	13,767	7,800,921	7,489,224	108,250	147,906	55,541	17,319,579	9,518,658	20
13,392,154	4,338,299	5,031	39,340	31,861,794	30,950,177	396,530	455,666	59,421	70,353,137	38,491,343	21
17,483,095	618,617	14,878	69,045	28,013,997	24,747,129	2,451,066	770,255	45,547	65,079,052	37,065,055	22
31,586,404	2,680,442	890,116	45,496	68,529,756	34,034,358	24,164,457	9,908,469	422,472	192,611,304	124,081,548	23
9,856,757	770,947	36,243	203,713	58,033,997	56,156,793	995,859	881,345		128,382,565	70,348,568	24
5,155,715	410,228	28,347	19,490	91,440,315	89,386,179	1,381,178	664,486	8,472	108,207,060	16,766,745	25
94,883,557	4,606,542	9,500,545	936,195	368,635,583	320,066,525	31,757,103	16,580,926	251,029	839,750,366	471,114,783	26
3,285,748	1,012,933	18,409	83,539	17,629,987	17,403,131	126,949	99,907		60,783,246	43,153,259	27
677,566	4,150		633	72,749	51,878	2,963	14,563	3,345	1,040,894	968,145	28
3,502,811	390,084	7,213	8,436	10,377,783	8,816,474	9,833	65,782	1,485,694	17,941,909	7,564,126	29
1,325,388			268	203,658	166,097	8,833	20,479	8,249	1,946,728	1,743,070	30
3,007,718	510,583	1,300	24,330	17,161,914	13,897,677	3,766	74,801	3,185,670	24,970,797	7,808,883	31
2,598,719	6,016			211,375	145,730	11,789	50,476	3,380	3,841,533	3,630,158	32
8,063,761	1,039,631	1,783	17,087	24,834,866	19,901,706	20,490	157,431	4,755,239	46,742,013	21,907,147	33
4,712,998	333,822	15,080		9,940,223	9,637,513	77,936	120,215	104,559	19,117,410	9,177,187	34
425,644	62,417	2,822		1,118,732	1,063,962	28,408	6,337	20,025	2,334,161	1,215,429	35
7,711,129	2,346,357	457,595	406,263	63,459,569	61,993,752	737,533	728,284		99,018,203	35,558,634	36
2,017,076	53,047	3,882	3,873	2,483,024	2,389,870	27,723	64,928	503	6,330,768	3,847,744	37
26,067,632	3,413,028	121,028	336,724	811,068,315	809,870,030	690,401	378,532	129,352	1,037,747,617	226,079,202	38
34,239,556	1,657,028	54,730	114,525	79,249,087	78,247,281	217,109	491,189	293,508	160,754,424	81,505,337	39
1,493,937	84,063	7,435		1,043,217	351,828	591,302	100,087		4,450,202	3,406,985	40
12,324,290	497,840	154,151	21,638	13,213,515	8,795,805	3,608,063	796,051	13,596	42,191,454	28,977,939	41
5,667,266	4,822,145	38,968	46,028	37,670,007	37,036,595	303,955	300,226	29,231	89,766,752	52,096,745	42
20,467,333	2,368,531	205,861	332,842	35,204,008	34,592,070	256,727	243,973	106,238	84,846,136	49,642,128	43
4,578,002	322,516	6,404	1,716	13,766,291	13,466,014	22,580	76,475	201,222	22,142,238	8,375,947	44
3,851,672	385,250		22,007	9,838,052	9,472,675	246,583	118,794		23,682,404	13,844,352	45
3,598,411	38,848	211,085		25,557,307	23,891,842	1,230,488	209,511	225,466	42,917,034	17,359,727	46
9,384,260	1,684,387	110,019	18,406	53,627,595	52,313,862	526,662	610,662	176,409	84,386,593	30,758,998	47
22,856,164	80,604	1,976	24,961	2,544,229	1,576,222	116,836	335,151	516,020	32,851,413	30,307,184	48
33,560,567	5,983,989	3,192	203,684	194,095,275	158,520,795	100,905	665,965	34,807,610	281,145,798	87,050,523	49
8,177,807	652,564	123,267	27,830	45,369,069	43,783,149	613,234	946,351	26,335	70,401,099	25,032,030	50
1,903,311	114,958	27,538	3,850	4,935,815	4,821,294	40,841	73,680		9,471,836	4,636,021	51
8,114,349	725,670	331,649	171,090	43,388,442	40,166,318	2,188,437	1,029,729	3,958	83,885,847	40,497,405	52

## CENSUS OF MANUFACTURES: 1939

TABLE 5.—GENERAL STATISTICS IN DETAIL, BY

Group No.	INDUSTRY GROUP AND INDUSTRY	Number of establishments	Proprietors and firm members	NUMBER OF PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS <sup>1 2</sup>							SALARIES AND WAGES		
				Total	Salaried officers of corporations	Manufacturing		Distribution	Construction	Other	Total <sup>4</sup>	Salaried officers of corporations	Manufacturing Salaries
						Salaried employees	Wage earners (average for year) <sup>3</sup>						
	INDUSTRY—continued												
1 17	Commercial laundry, dry-cleaning, and pressing machinery.....	82	37	3,654	89	588	2,705	245	4	23	\$5,779,573	\$640,821	\$1,101,910
2 16	Communication equipment.....	227	64	44,844	365	8,935	32,119	2,630	617	178	76,677,486	2,911,873	22,413,219
3 9	Compressed and liquefied gases— not made in petroleum refineries or in natural-gasoline plants.....	379	14	6,450	68	725	3,960	1,665	27	5	11,465,251	485,112	1,686,534
4 13	Concrete products.....	2,040	1,398	22,459	1,033	1,728	17,363	2,087	165	83	28,699,936	3,817,627	2,726,096
5 1	Condensed and evaporated milk.....	562	90	12,392	126	1,482	9,705	641	230	208	15,915,856	675,185	2,453,853
6 17	Construction and similar machinery (except mining and oil-field machinery and tools).....	199	53	23,216	350	3,796	17,259	1,504	204	103	38,470,010	2,443,958	6,990,308
7 7	Converted paper products not elsewhere classified.....	384	146	28,301	539	2,791	21,775	2,983	188	25	36,827,482	3,793,138	4,907,239
8 1	Cooking and other edible fats and oils, not elsewhere classified.....	56	1	6,407	41	959	4,672	622	103	10	9,088,273	313,067	2,024,621
9 6	Cooperage.....	350	148	8,104	152	526	7,193	219	11	3	8,556,927	656,089	988,677
10 3	Cordage and twine.....	116	18	13,699	177	975	12,096	361	25	65	14,188,504	1,134,694	1,959,710
11 6	Cork products.....	35	10	3,597	50	342	2,923	241	36	6	4,880,752	372,334	631,243
12 1	Corn sirup, corn sugar, corn oil, and starch.....	35	9	9,024	28	1,142	6,764	665	222	203	15,726,372	260,282	2,954,075
13 4	Corsets and allied garments.....	272	127	23,036	340	1,610	18,765	2,246	15	60	25,146,853	2,578,632	2,748,527
14 20	Costume jewelry and costume novelties (jewelry other than fine jewelry).....	289	242	12,682	234	993	10,808	596	51	-----	12,612,943	1,264,308	1,422,601
15 3	Cotton broad woven goods.....	661	65	325,373	900	9,854	312,249	983	577	830	251,180,270	5,680,533	17,415,338
16 3	Cotton narrow fabrics.....	163	62	15,194	215	1,045	13,318	556	12	48	16,073,121	1,433,260	1,710,921
17 9	Cottonseed oil, cake, meal, and linters.....	447	70	18,519	394	2,136	15,191	633	105	60	14,880,908	1,255,863	3,641,608
18 3	Cotton thread.....	75	29	14,856	90	1,100	13,298	368	-----	-----	13,497,471	576,315	1,752,179
19 3	Cotton yarn.....	349	45	73,349	496	2,038	70,452	149	96	118	50,898,217	1,977,294	3,402,212
20 1	Creamery butter.....	3,506	2,667	28,774	562	5,081	17,953	4,589	306	283	32,907,473	1,821,807	6,569,377
21 1	Cured fish.....	114	81	2,344	53	196	1,893	175	19	8	2,616,166	284,198	325,988
22 4	Curtains, draperies, and bed- spreads—contract factories.....	75	73	1,199	23	45	1,109	20	-----	2	906,371	45,314	48,394
23 4	Curtains, draperies, and bed- spreads—made in regular factories or by jobbers engaging contractors.....	362	236	17,900	306	870	15,798	878	24	24	13,721,158	1,442,513	1,193,491
24 1	Custom slaughtering, wholesale.....	40	25	782	28	59	640	30	18	7	959,175	89,354	105,958
25 14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools.....	266	139	18,392	340	1,469	15,399	1,030	24	130	24,138,126	2,266,754	2,696,368
26 20	Dental equipment and supplies.....	131	68	5,708	148	679	4,245	630	6	-----	8,498,728	923,053	1,517,910
27 7	Die-cut paper and paperboard, and converted cardboard.....	121	47	5,670	181	534	4,354	568	19	14	8,860,835	1,110,723	1,032,786
28 20	Dolls (except rubber).....	84	53	3,471	92	197	3,052	124	6	-----	3,754,215	389,873	287,088
29 14	Doors, window sash, frames, mold- ing, and trim (made of metal).....	205	73	10,428	332	1,130	7,740	1,172	52	2	16,504,731	1,825,085	1,996,792
30 4	Dress and semidress gloves and mittens: cloth, cloth and leather combined.....	49	27	3,738	44	162	3,396	128	3	5	2,806,414	158,303	210,637
31 9	Drugs and medicines (including drug grinding).....	1,094	330	40,392	1,453	5,559	22,386	10,202	301	491	64,223,527	9,299,789	10,848,948
32 3	Dyeing and finishing cotton, rayon, silk, and linen textiles.....	468	116	68,460	809	6,055	60,237	1,142	176	41	82,288,696	5,838,900	11,901,976
33 3	Dyeing and finishing woolen and worsted.....	63	19	4,511	96	479	3,821	107	5	3	5,830,342	618,513	1,037,408
34 16	Electrical appliances.....	138	30	25,082	206	2,744	19,890	2,164	25	33	36,979,276	1,356,851	5,677,989
35 16	Electrical measuring instruments.....	59	22	9,318	86	1,719	6,976	450	65	22	15,222,595	705,374	3,616,751
36 16	Electrical products not elsewhere classified.....	175	62	8,291	163	1,330	6,014	723	55	6	12,326,919	854,264	2,936,145
37 16	Electric lamps.....	55	7	11,587	49	1,364	9,622	491	45	16	15,309,066	370,701	3,119,529
38 15	Electroplating, plating, and polish- ing.....	643	614	9,653	370	627	8,206	372	45	33	12,548,335	1,405,980	1,111,802
39 8	Electrotyping and stereotyping, not done in printing establish- ments.....	234	62	6,333	345	810	4,412	755	1	10	14,444,595	2,103,019	1,714,954
40 17	Elevators, escalators, and convey- ors.....	183	50	13,103	339	2,051	8,915	1,600	107	91	22,604,696	1,711,798	3,836,475
41 4	Embroideries, other than Schiffli- machine products—contract fac- tories.....	357	408	4,558	116	105	4,189	133	-----	15	3,911,411	312,245	137,663
42 4	Embroideries, other than Schiffli- machine products—made in reg- ular factories or by jobbers en- gaging contractors.....	54	49	702	33	33	608	26	-----	2	669,616	88,424	50,988
43 4	Embroideries: Schiffli-machine products.....	398	395	4,176	147	137	3,750	137	-----	5	4,316,588	573,608	258,654
44 14	Enameled-iron sanitary ware and other plumbers' supplies (not in- cluding pipe and vitreous and semivitreous china sanitary ware).....	259	74	28,498	385	2,266	24,605	1,186	50	6	40,280,684	2,476,465	4,350,741
45 14	Enameling, japanning, and lac- quering.....	80	66	2,123	60	150	1,821	69	6	17	2,808,448	295,638	293,539
46 15	Engraving on metal (except for printing purposes).....	94	89	1,683	48	155	1,419	59	-----	2	2,690,402	295,767	278,292
47 8	Engraving (steel, copperplate, and wood); plate printing.....	436	329	6,865	347	739	5,353	426	-----	-----	10,428,966	1,315,136	1,247,067
48 7	Envelopes.....	169	41	11,161	257	826	8,689	1,289	75	25	15,826,508	1,621,032	1,777,199
49 9	Essential oils.....	14	4	337	15	39	255	25	-----	3	704,149	165,827	96,854

See footnotes at end of table.

## GENERAL SUMMARY

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## INDUSTRY GROUPS AND BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES—continued				COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK					Value of products <sup>1</sup>	Value added by manufacture <sup>2</sup>	
Manufacturing—Con.	Wages	Distribution	Construction	Other	Total <sup>3</sup>	Materials and supplies	Fuel	Purchased electric energy			Contract work
\$3,476,555 44,444,379	\$530,749 5,240,942	\$4,385 1,425,824	\$25,153 241,249	\$8,821,037 48,351,690	\$8,528,081 46,410,243	\$80,315 866,146	\$94,894 707,663	\$117,747 367,638	\$21,838,863 191,326,489	\$13,017,826 142,974,799	1 2
5,853,935 18,769,873 11,233,725	3,420,741 3,064,252 1,062,622	15,047 228,000 239,913	3,882 94,088 250,558	13,532,407 65,684,650 163,523,169	10,084,364 63,177,255 157,712,090	308,536 870,467 4,538,191	3,043,962 1,045,850 1,243,409	5,545 501,078 29,479	53,364,936 130,393,396 209,755,891	39,832,529 64,708,746 46,232,722	3 4 5
25,198,311	3,457,109	267,711	112,613	63,376,072	60,429,972	990,082	1,017,171	938,847	140,137,586	76,761,514	6
22,184,555	5,571,543	318,448	52,559	83,375,081	81,830,783	564,756	799,749	179,793	161,305,558	77,930,477	7
5,396,788 6,580,047 10,184,862 3,301,627	1,220,173 330,217 791,314 522,799	126,974 15,127 21,605 46,892	6,650 6,770 96,319 5,857	154,357,703 24,318,044 27,711,385 8,412,294	152,161,141 23,924,768 26,297,770 7,738,347	1,369,659 208,366 303,364 289,931	699,719 179,942 1,074,987 151,310	127,184 4,908 35,264 232,706	186,252,453 38,261,442 56,685,817 17,723,584	31,894,750 13,943,398 28,974,432 9,311,290	8 9 10 11
10,585,599 15,734,491	1,424,855 3,994,609	249,528 28,512	252,033 62,082	66,915,692 40,104,739	63,662,138 38,617,767	3,069,028 95,613	184,526 231,550	119,408,253 84,417,950	52,492,561 44,313,211	12 13	
8,754,638 225,175,272 11,776,206	1,097,686 1,767,917 1,069,950	73,710 483,574 13,700	657,636 69,084	13,829,607 431,023,433 22,934,330	13,335,066 399,190,120 21,916,197	75,136 8,860,336 441,564	183,007 22,705,646 551,865	236,398 267,331 24,704	33,921,990 869,354,285 48,500,589	20,092,383 438,330,852 25,566,259	14 15 16
8,939,334 10,529,271 45,055,469 18,378,544 1,669,604	897,797 639,706 324,313 5,519,598 301,437	107,061 639,706 76,428 316,695 26,149	39,245 6,770 62,501 301,452 8,790	138,764,149 26,695,205 114,741,279 418,751,847 10,971,721	134,781,380 25,407,040 106,765,815 410,617,230 10,818,392	1,799,424 556,227 889,422 4,334,783 65,261	2,162,790 731,938 7,088,042 3,630,917 87,126	20,555 (7) (7) 168,917 942	171,476,253 51,376,151 198,940,444 492,221,462 15,614,728	32,712,104 24,680,946 84,199,165 73,469,615 4,643,007	17 18 19 20 21
797,803	13,664		1,196	259,919	238,714	2,053	18,730	422	1,678,806	1,418,887	22
9,471,636 688,864	1,572,819 51,408	17,687 17,972	23,012 5,619	47,475,227 477,578	46,035,881 329,948	65,972 52,324	262,012 95,306	1,111,362	70,232,983 1,932,722	22,757,756 1,455,144	23 24
16,797,297 4,825,367	2,102,156 1,220,485	31,700 11,913	243,851	18,756,420 13,257,713	17,512,739 12,995,541	532,813 134,427	646,061 130,367	64,807 27,378	59,924,396 31,546,707	41,167,976 18,288,994	25 26
5,453,990 2,836,614	1,203,263 232,676	27,024 7,964	33,049	16,069,422 6,417,532	15,684,323 6,153,186	127,706 56,683	173,898 97,994	83,495 109,669	33,263,907 12,132,373	17,194,485 5,714,841	27 28
10,531,328	2,109,536	40,834	1,156	19,037,479	17,964,421	187,359	347,351	538,348	48,219,102	29,181,623	29
2,297,627	128,462	3,540	7,845	3,638,227	3,433,532	12,707	43,546	148,442	7,703,088	4,064,861	30
23,897,990	18,411,742	479,101	1,285,957	115,272,573	112,128,193	1,279,337	1,000,309	864,734	364,985,404	249,712,831	31
61,744,518	2,468,004	287,705	47,593	140,472,272	128,214,508	10,161,649	2,106,115	(7)	271,167,139	130,694,867	32
3,944,885 25,408,770 9,381,124	215,131 4,459,028 881,568	12,325 41,316 102,393	2,080 35,322 35,385	26,953,448 58,081,360 12,104,664	25,985,809 56,082,581 11,708,639	818,624 585,281 110,192	149,015 1,022,141 242,925	391,357 31,114 42,908	37,437,032 145,696,194 41,797,495	10,483,584 87,614,834 29,692,831	33 34 35
7,409,584 10,689,019	940,969 1,025,974	177,133 97,001	8,824 6,842	14,866,461 28,571,141	14,091,854 27,535,078	243,262 376,926	412,709 628,023	118,636 31,114	39,048,906 84,827,955	24,182,445 56,256,844	36 37
9,382,801	545,905	59,901	41,946	7,300,444	5,841,349	352,608	969,724	136,763	28,168,051	20,867,607	38
8,919,769	1,674,807	2,414	29,632	6,904,385	3,591,993	161,450	478,247	2,672,695	29,045,159	22,140,774	39
13,357,937	3,308,947	263,868	125,671	25,057,146	23,756,670	315,201	447,768	537,507	64,128,051	39,070,905	40
3,323,654	124,865		12,984	1,622,129	1,373,524	9,825	72,876	165,904	8,220,437	6,598,308	41
504,561 3,247,549	24,627 232,644		1,016 4,133	671,431 6,128,753	519,605 4,796,819	1,515 68,552	12,589 134,962	137,722 1,128,420	1,686,181 14,121,853	1,014,750 7,993,100	42 43
30,768,552	2,591,301	81,170	12,455	52,630,117	48,409,592	2,473,318	1,269,232	477,975	125,578,189	72,948,072	44
2,062,275	123,162	9,806	24,028	2,455,622	2,016,480	239,082	162,939	37,121	6,935,646	4,480,024	45
1,866,457	246,386		3,500	1,677,664	1,544,906	33,048	48,813	50,897	5,863,670	4,186,006	46
7,156,404 9,596,844 357,346	710,359 2,652,170 81,993			6,029,351 24,623,014 6,861,194	5,368,553 23,966,746 6,810,405	72,785 145,235 35,469	183,579 339,427 8,947	404,434 171,606 6,373	22,163,638 50,118,134 9,813,799	16,134,287 25,495,120 2,652,605	47 48 49

## CENSUS OF MANUFACTURES: 1939

TABLE 5.—GENERAL STATISTICS IN DETAIL, BY

Group No.	INDUSTRY GROUP AND INDUSTRY	Number of establishments	Proprietors and firm members	NUMBER OF PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS <sup>1 2</sup>							SALARIES AND WAGES		
				Total	Salaried officers of corporations	Manufacturing		Distribution	Construction	Other	Total <sup>4</sup>	Salaried officers of corporations	Manufacturing Salaries
						Salaried employees	Wage earners (average for year) <sup>3</sup>						
	INDUSTRY—continued												
1 6	Excelsior	53	46	1,045	19	65	925	16	4	16	\$913,256	\$60,991	\$111,138
2 9	Explosives	80	7	8,315	25	776	7,242	57	209	6	13,721,116	130,987	2,193,151
3 20	Fabricated plastic products, not elsewhere classified	216	71	17,953	293	1,788	15,094	610	164	4	24,289,146	1,441,150	3,495,067
4 14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	1,138	560	44,800	1,436	5,165	35,477	2,601	88	33	69,426,368	6,335,877	10,168,515
5 20	Feathers, plumes, and artificial flowers	314	283	7,723	203	327	6,650	539	4	-----	6,521,657	764,869	391,888
6 3	Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats)	37	14	3,770	33	321	3,346	70	-----	-----	4,870,232	196,684	654,053
7 9	Fertilizers	764	219	24,081	511	2,155	18,744	2,386	217	68	23,435,322	1,791,894	3,457,367
8 7	Fiber cans, tubes, and similar products	116	40	7,790	109	655	6,637	372	8	9	9,657,697	547,706	1,272,200
9 14	Files	22	5	3,728	27	343	3,205	104	49	-----	4,908,816	124,477	708,138
10 3	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	151	68	8,123	188	511	6,909	513	1	1	8,676,120	905,288	721,464
11 14	Firearms	23	7	6,061	28	753	5,001	157	113	9	8,806,827	180,055	1,323,567
12 20	Fire extinguishers, chemical	28	9	1,452	27	284	995	146	-----	-----	2,256,757	136,893	565,381
13 9	Fireworks	59	20	1,394	55	135	1,158	30	9	7	1,511,569	240,286	214,471
14 9	Fish and other marine oils, cake, and meal	76	17	1,806	92	139	1,523	38	14	-----	2,150,222	540,419	209,385
15 13	Flat glass	37	-----	18,638	26	1,493	16,739	62	318	-----	28,160,934	127,322	3,584,521
16 1	Flavoring extracts and flavoring sirups, not elsewhere classified	477	221	6,950	440	904	3,589	1,931	35	51	12,299,959	2,806,532	1,674,009
17 13	Floor and wall tile (except quarry tile)	49	19	6,434	69	420	5,681	237	21	6	7,523,378	327,775	686,069
18 1	Flour and other grain-mill products	2,143	1,913	35,978	1,131	4,417	24,771	4,895	387	377	49,374,893	4,711,539	7,806,429
19 1	Food preparations, not elsewhere classified	1,007	759	19,484	655	1,659	13,120	3,887	55	108	23,232,337	3,198,136	2,904,534
20 17	Food-products machinery	379	139	20,007	546	2,954	13,979	2,419	31	78	32,497,864	3,158,913	5,714,673
21 12	Footwear (except rubber)	1,070	237	236,545	1,549	12,540	218,028	4,189	195	44	222,865,621	9,563,517	19,817,468
22 14	Forgings, iron and steel—made in plants not operated in connection with rolling mills	207	40	18,043	329	1,689	15,372	474	131	48	30,123,958	2,373,457	3,849,710
23 10	Fuel briquets	32	9	494	13	60	410	11	-----	-----	644,696	25,190	115,269
24 4	Fur coats and other fur garments, accessories, and trimmings	2,175	2,376	17,329	1,652	1,158	13,111	1,405	3	-----	33,434,509	5,667,537	1,970,178
25 20	Furs, dressed and dyed	145	91	6,015	235	315	5,115	325	25	-----	11,960,167	1,250,900	902,129
26 14	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	83	50	1,459	77	120	1,212	47	3	-----	2,179,776	509,403	243,456
27 20	Games and toys (except dolls and children's vehicles)	343	217	18,251	340	1,402	15,610	871	28	-----	18,268,523	1,909,638	2,176,959
28 8	General commercial (job) printing	9,595	8,216	126,059	5,821	14,504	96,039	9,543	142	10	200,064,264	23,807,713	24,966,055
29 16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	491	153	96,324	736	20,618	70,401	3,643	421	505	164,254,954	5,617,784	44,457,168
30 13	Glass containers	77	1	29,357	132	2,785	25,753	552	118	17	48,022,557	1,340,843	5,723,717
31 9	Glue and gelatin	80	24	3,973	94	501	3,039	231	100	8	6,605,228	712,908	1,094,499
32 15	Gold and silver leaf and foil	26	30	688	13	51	563	60	-----	-----	800,198	105,762	95,828
33 8	Gravure, rotogravure, and rotary photogravure (including preparation of plates)	24	5	3,114	36	367	2,623	82	6	-----	7,191,590	305,871	1,136,331
34 14	Gray-iron and semisteel castings	1,161	551	65,459	1,261	4,578	58,428	962	144	86	88,374,243	6,025,302	9,815,185
35 9	Grease and tallow (except lubricating greases)	310	231	6,536	247	595	5,201	324	136	33	9,596,161	1,079,936	1,096,351
36 8	Greeting cards (except hand-painted)	109	70	9,983	137	1,405	7,522	904	15	-----	12,266,714	1,391,382	1,956,955
37 9	Gum naval stores (processing but not gathering or warehousing)	755	836	1,892	71	808	971	28	13	1	856,138	129,077	362,269
38 13	Gypsum products	68	1	5,803	25	667	4,985	82	132	21	8,540,550	101,040	1,365,079
39 20	Hair work	42	36	393	25	22	322	24	-----	-----	418,532	100,403	28,124
40 4	Handkerchiefs—made in contract factories	20	13	1,132	14	13	1,105	-----	-----	-----	766,142	50,952	22,008
41 4	Handkerchiefs—made in inside factories or by jobbers engaging contractors	60	28	4,303	60	183	3,734	309	1	16	3,808,174	430,803	283,755
42 20	Hand stamps, stencils, and brands	289	217	3,333	217	331	2,211	568	6	-----	4,696,867	832,881	507,949
43 14	Hardware not elsewhere classified	434	178	43,453	658	4,307	35,645	2,713	123	7	57,605,724	4,460,618	7,484,806
44 9	Hardwood distillation and charcoal manufacture	43	17	2,091	34	211	1,770	19	55	2	2,090,418	91,566	361,292
45 4	Hat and cap materials; trimmings, etc.	55	36	940	45	54	796	44	-----	-----	1,057,206	172,279	74,470
46 3	Hat bodies and hats, fur-felt	43	6	11,132	82	748	9,028	251	33	140	15,078,264	654,242	1,529,782
47 3	Hat bodies and hats, wool-felt	12	9	4,755	18	262	4,421	41	13	-----	4,902,930	90,779	478,579
48 3	Hats, straw	11	2	531	12	20	488	10	1	-----	537,057	52,632	28,086
49 3	Hatters' fur	37	25	2,082	39	122	1,893	28	-----	-----	2,145,118	258,427	240,007
50 14	Heating and cooking apparatus, except electric, not elsewhere classified	138	60	3,927	152	460	2,919	381	4	11	2,658,865	681,570	769,304
51 3	Hosiery—full-fashioned	499	176	103,902	639	3,840	97,200	1,891	247	85	117,443,136	4,161,384	7,472,935
52 3	Hosiery—seamless	433	208	65,353	501	2,470	61,852	419	64	47	48,873,410	2,360,764	3,843,662
53 13	Hotel china	17	-----	4,798	49	267	4,350	111	18	3	5,715,529	261,524	519,609
54 4	House dresses, uniforms, and aprons—made in contract factories	255	255	11,277	74	198	10,961	25	4	15	6,829,333	149,714	268,216

See footnotes at end of table.

## GENERAL SUMMARY

29

## INDUSTRY GROUPS AND BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES—continued				COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK					Value of products <sup>4</sup>	Value added by manufacture <sup>5</sup>	
Manufacturing—Con.											
Wages	Distribution	Construction	Other	Total <sup>1</sup>	Materials and supplies	Fuel	Purchased electric energy	Contract work			
\$700,246	\$23,715	\$3,780	\$13,386	\$1,381,747	\$1,305,756	\$41,316	\$34,336	\$339	\$2,987,285	\$1,605,538	1
10,964,498	140,248	287,763	4,469	26,860,347	25,178,879	1,020,805	660,663		71,053,206	44,192,859	2
17,688,104	1,390,052	260,354	13,819	31,747,085	29,881,056	781,006	840,562	244,461	71,904,067	40,156,982	3
47,549,506	5,205,236	113,751	53,483	172,437,165	167,783,521	1,029,608	1,952,758	1,671,278	284,669,659	112,232,494	4
4,582,411	778,309	4,180		7,424,281	7,238,742	44,807	97,779	42,953	18,503,971	11,079,690	5
3,856,988	162,507			13,048,313	12,447,341	360,855	240,117	(7)	23,573,823	10,525,510	6
13,191,397	4,191,260	224,845	91,559	128,629,745	126,325,685	589,173	1,696,510	18,377	185,684,328	57,054,583	7
6,962,529	849,550	16,157	9,555	13,952,397	13,210,251	464,672	247,613	29,861	33,345,334	19,392,937	8
3,838,520	165,664	72,017		2,452,888	2,124,262	228,868	92,444	7,314	11,293,946	8,841,058	9
6,207,422	840,082	1,110	754	19,949,437	18,764,078	168,155	147,315	869,889	33,240,221	13,290,784	10
6,846,317	270,888	175,030	10,970	3,052,556	2,554,540	251,331	184,591	62,094	17,711,651	14,659,095	11
1,273,055	256,428	25,000		4,704,634	4,613,997	32,474	51,769	6,394	9,228,416	4,523,782	12
987,446	56,110	8,700	4,556	1,852,715	1,763,767	63,859	25,089		4,628,181	2,775,466	13
1,307,934	80,524	11,960		8,907,314	8,451,860	361,762	90,577	3,115	13,622,312	4,714,998	14
24,008,619	190,726	249,746		33,848,807	28,015,297	4,376,128	1,446,549	10,893	102,389,012	68,540,145	15
3,764,360	3,926,985	46,905	81,168	50,167,843	49,671,293	258,195	234,600	3,755	139,901,840	89,733,997	16
5,931,149	544,935	27,992	5,458	5,142,384	3,958,115	925,425	256,067	2,777	17,658,885	12,516,501	17
28,369,796	7,590,353	507,034	389,742	506,061,519	497,474,371	2,256,405	6,226,425	104,318	649,943,088	143,881,569	18
11,180,773	5,730,325	97,281	121,288	106,234,268	104,519,708	990,461	677,996	46,103	172,459,397	66,225,129	19
18,936,642	4,548,476	33,503	105,657	31,949,526	30,363,802	493,433	592,165	500,076	90,840,544	58,891,018	20
183,657,529	9,556,540	195,078	75,489	388,439,102	383,343,831	1,246,180	2,765,678	1,083,413	734,673,111	346,234,009	21
22,652,054	1,012,614	179,914	56,209	51,973,575	46,244,315	3,763,186	1,419,432	546,642	104,883,196	52,909,621	22
484,719	19,528			3,570,907	3,319,560	87,838	162,515	994	5,287,282	1,716,375	23
23,403,321	2,392,313	1,160		107,751,912	105,535,535	39,163	372,347	1,804,867	168,031,656	60,279,744	24
9,065,676	702,650	38,812		4,858,416	4,401,439	102,191	249,901	104,885	22,395,325	17,536,909	25
1,342,647	78,610	5,660		2,512,630	2,273,541	161,067	67,430	10,592	6,195,640	3,683,010	26
12,656,729	1,486,561	38,636		24,909,824	24,196,954	280,637	365,202	67,131	55,400,894	30,491,070	27
132,944,964	18,008,248	300,951	36,333	191,733,637	167,372,510	1,627,697	4,991,944	17,741,586	515,435,609	323,701,972	28
104,083,541	8,553,674	767,336	775,451	187,326,472	180,975,920	3,065,396	2,933,020	352,136	470,462,442	283,135,970	29
34,181,498	1,580,383	172,382	23,734	59,893,351	47,713,907	9,331,905	2,770,049	72,470	158,271,647	98,378,316	30
3,941,588	687,202	162,272	6,759	18,793,755	17,025,910	1,592,196	174,056	1,593	34,331,639	15,537,884	31
469,577	127,009		2,022	1,095,785	1,062,992	9,935	15,508	7,350	2,108,990	1,013,205	32
5,436,278	301,196	11,914		7,243,336	6,006,569	74,279	214,656	947,832	18,614,837	11,371,501	33
70,757,944	1,920,797	183,599	168,416	78,971,925	67,296,655	7,548,003	3,429,599	697,668	209,719,754	130,747,829	34
6,508,509	657,464	206,599	47,302	38,114,978	36,090,429	1,360,269	640,132	24,148	58,226,218	20,111,240	35
7,264,165	1,634,502	19,710		15,490,146	10,380,777	45,683	153,248	4,910,438	39,715,439	24,225,293	36
333,833	28,003	2,706	250	13,395,945	13,189,788	183,307	11,023	11,827	17,361,933	3,965,988	37
6,665,759	173,179	216,833	18,660	16,694,454	13,966,634	1,444,346	1,283,054	420	46,241,980	29,547,526	38
260,723	29,282			738,996	719,213	3,085	5,720	10,978	1,401,105	662,109	39
693,182				164,811	137,071	1,124	14,952	11,664	1,182,047	1,017,236	40
2,627,303	454,047	845	11,421	13,834,573	12,026,687	29,153	42,018	1,736,715	20,419,116	6,584,543	41
2,615,029	731,183	9,825		3,204,438	3,003,748	54,119	88,134	58,437	10,811,835	7,607,397	42
40,220,860	5,266,525	165,376	7,539	60,772,244	57,581,226	1,498,356	1,292,146	400,516	154,475,928	93,703,684	43
1,530,675	52,550	52,364	1,971	3,928,214	3,151,638	705,683	65,533	5,360	6,843,172	2,914,958	44
743,134	66,603		720	2,940,292	2,812,164	2,355	22,968	102,805	4,687,304	1,747,012	45
11,837,057	947,121	52,163	57,899	16,987,854	16,052,725	626,399	183,452	125,278	39,500,929	22,513,075	46
4,210,354	102,181	21,037		8,173,832	7,912,345	177,816	83,671		16,009,816	7,835,984	47
438,470	16,164	705		726,920	715,955	1,460	9,505		1,549,107	822,187	48
1,579,033	67,651			7,255,705	7,071,696	98,184	59,570	26,255	10,956,246	3,700,541	49
3,507,970	685,509	1,087	13,416	8,804,884	8,500,005	98,798	129,805	76,276	20,329,879	11,524,995	50
100,774,988	4,553,376	382,597	97,856	121,122,941	112,328,877	1,158,060	2,032,577	5,603,427	277,170,371	156,047,430	51
41,862,208	701,353	62,338	43,085	66,575,220	63,342,174	857,616	880,966	1,494,464	138,665,487	72,090,267	52
4,639,398	267,372	24,850	2,776	1,706,993	1,202,435	420,982	82,932	644	9,359,660	7,652,667	53
6,368,350	27,332	5,161	10,560	489,639	293,021	33,384	142,405	20,829	9,251,940	3,762,301	54

## CENSUS OF MANUFACTURES: 1939

TABLE 5.—GENERAL STATISTICS IN DETAIL, BY

Group No.	INDUSTRY GROUP AND INDUSTRY	Number of establishments	Proprietors and firm members	NUMBER OF PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS <sup>1,2</sup>							SALARIES AND WAGES		
				Total	Salaried officers of corporations	Manufacturing		Distribution	Construction	Other	Total <sup>4</sup>	Salaried officers of corporations	Manufacturing Salaries
						Salaried employees	Wage earners (average for year) <sup>3</sup>						
	INDUSTRY—continued												
1 4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	487	353	31,341	373	1,600	27,833	1,459	5	71	\$24,459,959	\$2,037,692	\$2,284,433
2 4	Housefurnishings (except curtains, draperies, and bedspreads)	472	347	13,108	350	841	10,623	1,240	23	31	12,889,286	1,708,115	1,129,171
3 6	Household furniture, except upholstered	1,592	889	108,144	1,905	6,966	94,760	4,101	212	200	113,071,352	9,082,758	11,329,509
4 1	Ice cream and ices	2,734	1,816	36,023	1,289	3,489	15,711	14,068	470	1,016	50,628,902	5,211,081	5,449,690
5 1	Ice, manufactured	3,975	1,567	37,230	1,658	3,475	15,912	15,277	317	591	43,960,194	5,245,602	5,531,287
6 12	Industrial leather belting and packing leather	190	96	3,117	192	297	2,337	285	6	-----	4,941,253	756,615	585,795
7 17	Industrial machinery, not elsewhere classified	579	195	30,303	860	5,002	21,936	2,211	157	137	51,594,364	5,262,471	9,813,972
8 9	Insecticides, fungicides, and related industrial and household chemical compounds	774	298	9,423	743	1,360	5,017	2,208	55	40	15,556,764	3,478,631	2,610,078
9 16	Insulated wire and cable	79	15	19,233	118	2,480	15,696	700	126	113	26,788,368	930,787	5,497,320
10 17	Internal-combustion engines	74	13	19,962	160	3,529	14,752	1,382	105	34	33,321,655	1,325,949	7,537,207
11 15	Jewelers' findings and materials	82	49	3,412	94	306	2,813	189	4	6	4,790,440	791,128	618,979
12 20	Jewelry cases and instrument cases	132	106	6,073	98	480	5,127	310	58	-----	7,152,299	681,217	864,727
13 15	Jewelry (precious metals)	886	760	15,058	622	1,824	11,358	1,188	16	50	22,387,525	3,038,214	2,785,467
14 3	Knit goods (except felt)	22	4	4,017	34	336	3,586	37	24	-----	4,111,378	249,568	658,403
15 3	Knitted cloth	229	108	12,432	244	943	10,917	261	49	18	14,042,760	1,524,614	1,784,902
16 3	Knitted gloves	20	8	5,839	18	166	5,574	55	23	3	4,384,034	132,701	290,796
17 3	Knitted underwear (except knit gloves)—contract factories	233	248	4,293	93	71	4,109	18	1	1	3,504,672	180,879	114,726
18 3	Knitted underwear (except knit gloves)—regular factories or jobbers engaging contractors	476	323	21,934	523	1,394	18,440	1,520	25	32	22,984,363	2,514,579	2,155,731
19 3	Knitted underwear	199	51	42,364	344	2,161	38,536	1,228	64	31	36,163,017	2,449,711	3,650,106
20 6	Laboratory, hospital, and other professional furniture	82	49	3,845	101	396	2,982	362	2	2	5,386,208	519,021	805,606
21 3	Lace goods	63	25	8,341	96	703	7,254	279	9	-----	10,791,794	875,195	1,288,071
22 20	Lamp shades	128	101	3,105	88	162	2,671	179	5	-----	2,474,304	322,633	207,401
23 15	Lapidary work	90	132	317	18	20	267	8	-----	4	490,366	49,950	362,534
24 6	Lasts and related products	48	15	1,848	48	185	1,519	93	3	-----	2,849,571	246,156	362,534
25 17	Laundry equipment, domestic	42	6	9,610	89	1,095	7,466	849	59	52	13,890,421	622,649	1,952,851
26 12	Leather gloves and mittens	233	225	11,123	191	572	9,995	336	9	20	9,416,347	714,211	760,998
27 12	Leather goods not elsewhere classified	160	145	2,863	94	137	2,462	167	1	2	2,938,855	417,262	200,587
28 12	Leather: tanned, curried, and finished—contract factories	111	61	5,954	147	320	5,457	30	-----	-----	7,609,003	752,273	593,759
29 12	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	335	89	45,638	449	2,800	41,795	461	133	-----	61,657,237	3,852,326	6,015,143
30 15	Lighting fixtures	568	346	25,686	650	2,416	20,477	1,999	12	132	35,757,741	3,709,681	4,604,120
31 13	Lime	269	109	10,917	184	750	9,453	302	205	18	11,916,480	672,438	1,361,167
32 3	Linen goods	9	1	1,886	8	117	1,735	24	-----	2	1,842,564	60,700	247,614
33 3	Linoleum, asphalted-felt-base and other hard-surface floor coverings, not elsewhere classified	17	-----	8,301	26	640	7,028	555	52	-----	13,504,811	335,613	1,324,962
34 9	Linseed oil, cake, and meal	25	4	2,388	6	238	2,120	16	6	2	3,782,486	47,215	482,398
35 1	Liquors, distilled	135	5	5,752	181	900	4,091	246	167	217	8,258,731	690,910	1,616,336
36 1	Liquors, rectified or blended	148	16	4,235	106	886	2,818	406	4	15	6,353,396	687,815	1,484,461
37 8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	749	278	34,722	1,179	3,966	26,000	3,464	78	35	62,178,985	7,331,679	7,985,605
38 19	Locomotives (including frames) and parts: railroad, mining, and industrial	15	4	8,310	24	1,465	6,470	311	37	3	13,813,435	173,913	3,220,689
39 5	Logging camps and logging contractors (not operating sawmills)	907	1,062	24,464	170	757	22,785	89	538	125	25,713,378	700,091	1,409,518
40 9	Lubricating oils and greases—not made in petroleum refineries	232	75	4,183	247	703	2,128	1,035	37	33	7,648,324	1,263,091	1,428,134
41 1	Macaroni, spaghetti, vermicelli, and noodles	328	311	8,140	285	519	6,013	1,126	23	174	9,351,393	1,217,386	774,795
42 8	Machine and hand typesetting (including advertisement typesetting)	641	538	8,100	483	892	6,244	480	1	-----	14,995,489	2,063,530	1,576,325
43 17	Machine-shop products not elsewhere classified	2,125	1,216	79,399	2,162	10,494	60,717	5,141	337	548	125,651,864	12,202,643	19,404,075
44 17	Machine-shop repairs	1,459	1,455	10,928	612	962	9,176	238	3	37	15,568,342	1,410,910	1,468,769
45 17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	954	609	31,542	1,023	3,234	25,161	1,746	117	261	58,679,346	6,180,926	6,808,217
46 17	Machine tools	200	19	47,675	495	7,725	36,624	2,050	320	461	90,776,404	5,099,246	16,546,460
47 14	Malleable-iron castings	83	2	20,186	170	1,658	18,041	246	65	6	26,415,115	1,047,601	3,142,715
48 1	Malt	62	2	1,902	50	231	1,459	77	68	17	4,136,702	677,132	588,471
49 1	Malt liquors	605	40	61,185	1,216	4,607	36,088	17,424	735	1,115	122,264,690	9,657,007	10,441,516
50 6	Matches	28	3	5,940	23	385	5,426	93	1	2	6,708,035	140,394	746,238
51 6	Mattresses and bedsprings	947	777	23,062	643	2,002	18,342	2,005	9	61	29,263,956	2,891,091	3,314,500
52 17	Measuring and dispensing pumps	38	7	7,395	66	1,050	5,054	1,124	50	51	11,952,529	555,519	1,984,468
53 17	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	68	16	8,556	95	1,229	6,692	497	15	28	13,102,996	698,648	2,410,520
54 1	Meat packing, wholesale	1,478	1,190	168,108	1,440	15,627	119,553	28,459	1,437	1,292	255,561,747	8,979,631	31,101,362
55 17	Mechanical power-transmission equipment	218	60	37,363	380	4,352	30,268	2,124	94	145	61,199,554	3,482,635	9,012,492

See footnotes at end of table.

## GENERAL SUMMARY

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## INDUSTRY GROUPS AND BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES—continued				COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK					Value of products <sup>4</sup>	Value added by manufacture <sup>5</sup>	
Manufacturing—Con.											
Wages	Distribution	Construction	Other	Total <sup>1</sup>	Materials and supplies	Fuel	Purchased electric energy	Contract work			
\$17,637,610	\$2,417,055	\$3,516	\$76,653	\$64,683,482	\$57,688,303	\$76,359	\$377,107	\$6,541,713	\$104,446,282	\$39,762,800	1
8,059,340	1,921,014	40,987	30,659	43,972,843	42,906,804	107,547	273,286	685,206	67,521,325	23,548,482	2
83,998,671	8,141,137	202,725	316,552	155,192,498	149,983,508	2,024,627	2,704,285	480,018	328,629,913	173,437,415	3
17,344,036	20,423,235	712,637	1,488,223	145,924,115	138,691,316	1,719,225	5,501,532	12,042	285,806,781	139,882,666	4
17,691,894	14,625,872	303,878	561,661	26,010,218	6,237,042	3,791,017	15,971,583	10,576	130,166,312	104,156,094	5
2,860,652	725,364	9,115	3,712	13,596,416	13,374,701	99,698	100,486	21,531	24,410,104	10,813,688	6
31,178,421	4,916,370	250,811	172,319	52,964,472	49,918,956	992,201	1,358,719	694,596	140,628,049	87,663,577	7
5,393,213	3,930,054	102,387	42,401	44,375,652	43,277,425	511,498	404,936	181,793	93,443,777	49,068,125	8
18,637,729	1,355,695	204,169	162,668	70,124,571	67,898,210	783,776	1,061,874	380,711	120,390,050	50,265,479	9
21,503,252	2,721,963	125,859	107,425	53,455,778	51,532,540	1,101,400	324,002	497,836	110,357,964	56,902,186	10
2,974,875	392,444	8,226	4,788	14,493,387	14,129,559	61,818	116,579	185,431	22,488,960	7,996,573	11
4,691,283	853,508	61,564	-----	6,478,978	6,243,778	50,253	127,285	57,682	16,670,434	10,191,456	12
14,243,142	2,247,727	29,003	43,972	34,596,938	33,046,756	108,159	252,323	1,189,700	71,418,667	36,821,729	13
3,118,291	68,308	16,808	-----	7,783,357	7,434,806	143,416	205,135	(7)	16,897,414	9,114,057	14
10,165,641	494,999	59,289	13,315	44,205,633	41,480,312	721,430	555,945	1,447,943	68,662,722	24,457,089	15
3,839,330	97,196	21,131	2,880	4,998,466	4,693,309	54,097	32,951	218,109	12,385,831	7,387,365	16
3,197,994	9,223	900	950	769,150	569,506	39,637	125,844	34,163	6,549,610	5,780,460	17
15,518,406	2,695,034	54,574	46,039	58,110,871	51,227,179	201,017	424,554	6,258,121	97,641,147	39,530,276	18
27,404,769	2,507,679	112,216	38,536	61,614,201	59,216,757	846,682	563,636	987,126	113,353,402	51,739,201	19
3,350,765	704,915	2,913	2,988	6,313,529	5,981,053	80,118	100,411	151,947	14,655,180	8,341,651	20
8,106,909	728,663	12,956	-----	8,784,613	8,237,824	341,116	89,007	126,666	24,137,550	15,352,937	21
1,715,155	221,056	8,059	-----	4,384,442	4,315,008	7,881	33,888	27,665	8,375,706	3,991,264	22
390,556	19,894	-----	3,638	3,755,337	3,705,723	8,557	8,466	40,291	5,128,926	1,373,589	23
1,995,127	239,916	5,838	-----	2,026,266	1,897,188	30,663	87,349	11,066	6,672,100	4,645,834	24
9,277,024	1,873,806	102,919	61,172	36,365,346	35,706,872	281,419	371,170	5,885	61,601,221	25,235,875	25
7,408,682	499,512	10,200	22,744	13,762,985	12,574,808	69,196	83,503	1,035,478	26,830,856	13,067,871	26
2,087,363	228,275	2,340	3,028	4,240,886	4,120,208	18,488	49,216	52,974	8,911,482	4,670,566	27
6,212,934	50,037	-----	-----	6,302,515	5,461,629	452,496	229,986	158,404	16,709,502	10,406,987	28
50,570,248	1,043,763	175,757	-----	222,741,041	211,063,678	3,497,296	1,516,900	6,669,167	329,728,052	106,987,011	29
23,238,474	3,947,721	18,661	239,084	59,850,505	57,869,697	627,286	999,083	354,439	124,581,725	64,731,220	30
9,068,627	527,470	244,634	42,144	13,705,840	7,208,218	5,033,194	1,443,490	20,988	36,971,171	23,265,331	31
1,496,185	36,581	-----	1,484	3,350,611	3,224,041	77,508	49,062	(7)	6,297,642	2,947,031	32
10,405,841	1,350,591	87,804	-----	28,369,104	26,979,664	813,601	547,740	28,099	69,874,978	41,505,874	33
3,193,158	40,473	16,128	3,114	56,456,099	55,679,329	383,927	392,843	-----	68,011,767	11,555,668	34
4,884,598	492,541	199,715	377,631	28,353,890	26,083,762	1,888,203	401,620	10,245	56,080,135	27,966,365	35
3,215,970	934,727	8,360	22,063	28,244,679	27,981,346	129,905	133,428	-----	49,143,605	20,893,926	36
37,929,201	8,713,536	155,446	63,518	57,686,434	49,350,263	525,371	1,170,758	6,640,042	154,394,787	96,708,353	37
9,656,650	683,291	75,892	3,000	25,926,789	24,827,867	765,511	230,574	102,837	47,425,590	21,498,801	38
22,703,068	134,802	622,345	143,554	28,164,565	20,362,098	1,581,114	19,719	6,201,634	69,620,906	41,456,341	39
2,713,225	2,165,059	49,033	29,782	28,930,504	28,250,108	455,955	207,897	16,544	49,056,857	20,126,353	40
5,383,421	1,739,332	60,388	176,071	26,929,121	25,764,918	302,661	797,445	64,097	46,153,471	19,224,350	41
10,424,914	927,871	2,849	-----	3,052,076	2,211,510	111,441	316,427	412,698	25,096,497	22,044,421	42
81,659,539	10,967,216	477,095	941,296	141,492,964	132,786,360	3,169,747	3,847,661	1,689,196	360,334,229	218,841,266	43
12,273,448	384,318	4,684	26,213	10,997,646	10,071,811	285,093	579,741	61,001	38,166,267	27,168,621	44
41,346,606	3,820,100	188,495	335,002	31,410,211	28,159,768	637,315	1,511,472	1,101,656	125,630,124	94,219,913	45
62,333,150	5,603,332	519,257	674,959	69,866,133	69,940,248	1,109,010	1,507,801	1,308,174	218,044,728	154,178,595	46
21,555,489	575,484	86,698	7,128	17,950,681	14,055,843	2,773,387	1,030,498	90,953	53,450,770	35,500,089	47
2,593,142	193,709	46,998	37,250	39,295,774	37,321,880	1,345,639	628,255	-----	58,478,581	19,182,807	48
62,231,236	36,290,542	1,356,408	2,237,981	162,896,515	153,071,102	6,592,609	3,097,674	135,130	526,076,938	363,180,423	49
5,597,503	218,900	3,000	2,000	14,098,259	13,655,137	307,165	121,931	14,026	25,577,201	11,478,942	50
19,498,327	3,477,996	15,657	66,385	60,941,584	59,920,909	326,864	662,465	31,346	113,114,633	52,173,049	51
6,750,717	2,490,720	106,961	64,144	19,019,628	18,124,210	177,558	218,232	499,628	44,286,332	25,266,704	52
8,873,656	1,070,478	16,203	33,491	13,177,382	12,716,768	181,227	227,362	52,025	39,684,434	26,507,052	53
161,523,772	49,695,579	2,106,208	2,155,195	2,226,639,039	2,207,436,622	10,563,840	7,026,317	1,462,260	2,648,325,552	421,786,513	54
43,751,830	4,618,784	147,943	185,870	50,366,749	46,819,844	1,204,578	1,958,853	383,474	170,291,472	119,924,723	55



## CENSUS OF MANUFACTURES: 1939

TABLE 5.—GENERAL STATISTICS IN DETAIL, BY

Group No.	INDUSTRY GROUP AND INDUSTRY	Number of establishments	Proprietors and firm members	NUMBER OF PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS <sup>1 2</sup>							SALARIES AND WAGES		
				Total	Salaried officers of corporations	Manufacturing		Distribution	Construction	Other	Total <sup>4</sup>	Salaried officers of corporations	Manufacturing Salaries
						Salaried employees	Wage earners (average for year) <sup>3</sup>						
	INDUSTRY—continued												
1	4 Men's and boys' hats and caps (except felt and straw).....	270	318	3,909	128	197	3,383	188	3	10	\$3,766,228	\$366,904	\$280,741
2	4 Men's and boys' shirts (except work shirts), collars, and nightwear—made in contract factories.....	141	120	13,760	68	278	13,371	24	3	16	8,285,661	260,239	365,829
3	4 Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors.....	449	202	61,248	359	2,274	57,082	1,387	59	87	45,380,043	2,087,754	3,332,029
4	4 Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories.....	1,078	1,298	50,034	491	854	48,456	160	5	68	46,560,818	1,415,120	1,254,710
5	4 Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors.....	1,371	969	101,194	1,398	5,102	89,031	5,356	77	230	123,757,973	8,181,758	9,401,079
6	4 Men's and boys' underwear—made in contract factories.....	10	10	1,238	8	19	1,211	-----	-----	-----	736,912	21,426	18,928
7	4 Men's and boys' underwear—made in inside factories or by jobbers engaging contractors.....	44	15	5,663	30	204	5,332	75	13	9	3,576,532	156,264	265,871
8	4 Men's neckwear—made in contract factories.....	34	37	946	6	17	917	6	-----	-----	607,904	32,212	22,063
9	4 Men's neckwear—made in inside factories or by jobbers engaging contractors.....	347	311	10,421	251	508	8,686	929	1	46	10,346,954	1,154,212	740,838
10	17 Metalworking machinery and equipment, not elsewhere classified.....	178	35	21,009	302	3,734	15,899	990	27	57	37,367,967	2,429,370	7,642,349
11	4 Millinery.....	1,050	670	29,260	1,081	1,674	24,298	2,143	3	61	36,692,673	4,200,084	2,754,881
12	13 Minerals and earths, ground or otherwise treated.....	237	39	6,970	197	654	5,858	174	81	6	8,336,637	820,806	1,261,354
13	13 Mineral wool.....	58	15	2,297	49	215	1,885	87	61	-----	2,601,506	198,839	383,391
14	13 Mining machinery and equipment.....	65	17	6,901	114	1,093	4,940	708	20	26	10,644,810	738,840	2,188,455
15	13 Mirror frames and picture frames.....	182	122	3,951	161	262	3,220	307	-----	1	4,626,763	656,143	395,923
16	13 Mirrors and other glass products made of purchased glass.....	557	369	12,195	472	930	10,012	720	20	41	15,168,351	1,744,957	1,550,920
17	20 Miscellaneous fabricated products not elsewhere classified.....	582	403	16,459	486	1,286	13,608	1,053	17	9	16,973,418	2,049,307	2,083,446
18	4 Miscellaneous fabricated textile products not elsewhere classified.....	300	213	7,300	251	586	5,852	557	36	18	7,965,278	1,186,835	930,323
19	20 Models and patterns (except paper patterns).....	683	667	6,638	366	443	5,566	257	6	-----	11,857,209	1,510,007	840,229
20	13 Monuments, tombstones, cut-stone, and stone products not elsewhere classified.....	1,244	974	22,827	910	1,816	18,516	1,474	55	56	29,893,711	2,701,488	2,922,537
21	19 Motorcycles, bicycles, and parts.....	36	8	8,302	70	735	6,973	512	12	-----	11,863,153	619,347	1,374,115
22	18 Motor vehicles, motor-vehicle bodies, parts and accessories.....	1,054	493	458,723	1,281	44,753	397,537	14,054	306	792	791,483,980	10,269,918	104,570,626
23	9 Mucilage, paste, and other adhesives, except glue and rubber cement.....	64	37	578	51	111	285	129	-----	2	948,128	191,837	206,461
24	20 Musical instruments, parts, and materials not elsewhere classified.....	101	64	4,104	117	401	3,191	370	25	-----	5,710,088	539,108	599,994
25	14 Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills.....	36	5	2,996	64	264	2,515	128	25	-----	3,850,716	388,363	434,810
26	13 Natural graphite, ground and refined.....	6	2	88	4	14	56	14	-----	-----	163,142	31,683	38,490
27	20 Needles, pins, hooks and eyes, and slide and snap fasteners.....	58	12	13,537	86	1,632	10,403	922	494	-----	18,183,881	898,431	2,897,591
28	8 Newspapers: publishing and printing.....	6,878	5,768	204,897	4,177	62,396	96,991	41,025	282	26	379,127,956	25,315,955	122,113,051
29	8 Newspapers: publishing without printing.....	431	246	2,532	184	1,665	260	423	-----	-----	3,252,593	460,796	1,899,302
30	1 Nonalcoholic beverages.....	4,504	3,530	54,994	2,827	4,739	21,265	25,357	210	596	76,831,849	11,862,603	7,446,711
31	13 Nonclay refractories.....	46	2	5,278	49	366	4,792	63	3	5	6,580,146	258,893	780,529
32	15 Nonferrous-metal foundries (except aluminum).....	600	426	11,499	474	936	9,699	294	38	58	16,682,104	1,982,857	1,792,441
33	15 Nonferrous-metal products not elsewhere classified.....	438	225	30,594	536	3,322	24,834	1,395	344	163	48,993,295	3,820,896	6,727,011
34	17 Office and store machines, not elsewhere classified.....	123	26	44,144	197	5,811	36,204	1,693	167	72	67,676,777	1,943,881	11,830,254
35	6 Office furniture.....	152	64	14,921	230	1,392	11,776	1,306	45	172	19,978,611	1,211,809	2,432,785
36	14 Oil burners, domestic and industrial.....	130	32	2,723	173	541	1,498	501	-----	10	4,588,075	791,146	863,141
37	17 Oil-field machinery and tools.....	223	93	16,815	241	2,297	12,524	1,545	160	48	28,940,301	1,802,143	4,841,908
38	1 Oleomargarine—not made in meat-packing establishments.....	18	1	1,709	26	234	984	442	8	15	2,896,387	257,969	508,349
39	20 Ophthalmic goods: lenses and fittings.....	91	32	13,497	148	1,958	10,252	963	160	16	19,270,860	1,282,990	3,409,696
40	20 Optical instruments and lenses.....	30	13	1,767	32	208	1,372	108	47	-----	2,677,313	197,604	435,794
41	20 Organs.....	34	15	1,251	51	88	989	123	-----	-----	1,555,936	155,282	146,185
42	10 Oven coke and coke-oven byproducts.....	83	-----	24,060	26	2,066	21,008	364	502	94	39,003,487	235,668	5,536,098
43	9 Paints, varnishes, and lacquers.....	1,166	386	38,154	1,439	5,826	22,334	8,095	166	294	70,395,207	9,038,114	11,968,838
44	7 Paper and paperboard mills.....	638	19	129,217	871	11,447	110,575	3,047	3,037	240	188,316,938	7,611,171	25,369,431
45	7 Paper bags, except those made in paper mills.....	119	19	12,703	140	896	11,081	509	67	10	14,933,981	1,332,305	1,673,734
46	7 Paperboard containers and boxes not elsewhere classified.....	1,338	497	75,376	1,763	5,845	62,530	4,852	326	60	95,873,427	10,841,974	10,749,106

See footnotes at end of table.



## GENERAL SUMMARY

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## INDUSTRY GROUPS AND BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES—continued				COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK					Value of products <sup>4</sup>	Value added by manu- facture <sup>5</sup>	
Manufactur- ing—Con.											
Wages	Distribution	Construc- tion	Other	Total <sup>1</sup>	Materials and supplies	Fuel	Purchased electric energy	Contract work			
\$2, 876, 566	\$224, 671	\$3, 986	\$13, 360	\$5, 711, 475	\$5, 477, 034	\$17, 246	\$81, 729	\$135, 466	\$11, 605, 495	\$5, 894, 020	1
7, 619, 301	24, 295	4, 667	11, 330	1, 146, 963	969, 895	40, 438	123, 432	13, 198	11, 191, 950	10, 044, 987	2
37, 322, 688	2, 449, 963	85, 277	102, 332	107, 491, 718	97, 395, 115	296, 402	576, 547	9, 223, 654	181, 174, 168	73, 682, 450	3
43, 684, 136	149, 558	4, 335	52, 959	4, 947, 754	3, 268, 869	216, 769	550, 958	911, 158	61, 660, 487	56, 712, 733	4
96, 044, 275	9, 816, 581	101, 121	213, 159	329, 609, 119	267, 428, 478	578, 058	1, 156, 471	60, 446, 112	536, 612, 780	207, 003, 661	5
696, 558				181, 789	168, 117	2, 694	10, 978		1, 094, 784	912, 995	6
3, 031, 901	100, 491	12, 749	9, 256	10, 095, 777	9, 123, 324	21, 811	57, 547	893, 095	15, 598, 176	5, 502, 399	7
549, 831	3, 798			145, 227	131, 154	1, 091	12, 982		987, 713	842, 486	8
6, 796, 109	1, 626, 361	1, 430	28, 004	26, 451, 969	25, 414, 788	22, 749	133, 662	880, 770	45, 404, 814	18, 952, 845	9
25, 089, 052	2, 116, 452	32, 773	57, 971	34, 749, 908	32, 921, 067	628, 282	790, 152	410, 407	98, 975, 454	64, 225, 546	10
26, 059, 759	3, 599, 516	3, 891	74, 542	48, 235, 584	47, 106, 145	170, 105	659, 327	300, 007	105, 600, 643	57, 365, 059	11
5, 749, 781	389, 495	108, 000	7, 201	14, 659, 619	12, 234, 117	990, 770	1, 263, 361	171, 371	38, 903, 146	24, 243, 527	12
1, 820, 727	131, 918	66, 631		3, 534, 865	2, 712, 034	664, 867	157, 964		8, 237, 553	4, 702, 688	13
6, 276, 899	1, 391, 066	8, 907	40, 643	15, 374, 068	14, 766, 445	298, 202	259, 390	50, 031	33, 558, 909	18, 184, 841	14
3, 064, 776	509, 138		783	5, 570, 293	5, 321, 934	41, 958	113, 890	92, 511	13, 249, 507	7, 079, 214	15
10, 615, 452	1, 196, 879	14, 954	45, 189	26, 454, 765	25, 651, 051	329, 617	397, 460	76, 637	49, 886, 406	23, 431, 641	16
11, 251, 780	1, 556, 312	24, 511	8, 062	23, 321, 980	22, 402, 843	211, 170	380, 471	327, 496	51, 849, 418	28, 527, 438	17
4, 789, 063	968, 932	75, 164	14, 961	17, 036, 615	16, 435, 973	85, 852	143, 194	371, 596	31, 640, 283	14, 603, 668	18
9, 036, 886	462, 326	7, 761		4, 228, 241	3, 831, 346	100, 242	222, 966	73, 687	22, 329, 056	18, 100, 815	19
21, 999, 696	2, 134, 597	80, 330	55, 063	25, 286, 612	21, 733, 201	547, 380	2, 232, 389	773, 642	75, 811, 785	50, 525, 173	20
8, 973, 875	875, 269	20, 547		24, 041, 357	23, 314, 775	290, 758	290, 578	145, 246	43, 052, 278	19, 010, 921	21
644, 904, 621	29, 727, 848	639, 553	1, 371, 414	2, 720, 561, 158	2, 634, 539, 850	18, 749, 074	16, 045, 374	50, 626, 860	4, 039, 930, 733	1, 319, 369, 575	22
289, 857	257, 080		2, 893	2, 141, 221	2, 072, 451	28, 961	39, 777	32	4, 168, 855	2, 027, 634	23
3, 917, 243	622, 329	31, 414		3, 444, 632	3, 218, 241	63, 371	105, 653	57, 367	11, 552, 380	8, 107, 748	24
2, 730, 275	268, 025	29, 243		5, 836, 150	5, 534, 809	116, 288	182, 132	2, 921	12, 907, 854	7, 071, 704	25
65, 530	27, 439			851, 893	838, 544	5, 266	8, 083		1, 251, 206	399, 813	26
11, 804, 341	1, 702, 633	880, 885		13, 484, 971	12, 751, 117	181, 663	270, 952	281, 239	38, 155, 126	24, 670, 155	27
164, 355, 044	66, 594, 277	704, 144	45, 485	227, 177, 331	202, 310, 974	2, 651, 478	7, 205, 049	15, 009, 830	898, 225, 000	671, 047, 069	28
363, 445	529, 050			5, 314, 630	427, 902	9, 009	25, 893	4, 851, 826	11, 063, 611	6, 648, 981	29
20, 344, 719	36, 120, 502	271, 425	785, 889	153, 935, 249	149, 677, 814	1, 500, 842	2, 632, 748	123, 845	365, 778, 930	211, 843, 681	30
5, 316, 179	193, 683	26, 070	4, 792	11, 598, 114	9, 001, 970	2, 135, 179	455, 935	5, 030	26, 906, 439	15, 308, 325	31
12, 210, 365	560, 999	71, 974	63, 468	28, 703, 313	26, 873, 748	1, 009, 099	562, 854	257, 612	55, 636, 898	26, 933, 585	32
34, 751, 402	3, 100, 625	418, 339	175, 022	62, 004, 698	57, 843, 152	1, 271, 295	1, 570, 801	1, 319, 450	141, 765, 939	79, 761, 241	33
49, 981, 728	3, 497, 468	329, 512	93, 934	29, 142, 772	27, 736, 558	643, 936	609, 234	153, 044	150, 170, 237	121, 027, 465	34
13, 674, 150	2, 284, 395	56, 585	318, 887	22, 569, 905	21, 678, 204	445, 039	362, 618	84, 044	54, 750, 091	32, 180, 186	35
1, 893, 283	1, 032, 383		8, 122	10, 272, 883	10, 082, 182	58, 668	75, 977	56, 056	18, 468, 017	8, 195, 134	36
18, 740, 996	3, 306, 870	193, 583	54, 801	31, 304, 546	29, 646, 801	551, 342	978, 955	127, 447	88, 977, 327	57, 672, 781	37
1, 294, 512	797, 239	13, 853	24, 465	21, 734, 278	21, 467, 103	133, 508	133, 667		34, 101, 757	12, 367, 479	38
12, 246, 003	2, 074, 537	237, 745	19, 889	14, 209, 313	13, 574, 877	340, 477	278, 719	15, 240	44, 954, 653	30, 745, 340	39
1, 847, 767	149, 894	46, 254		1, 113, 634	1, 004, 291	30, 500	37, 649	41, 104	4, 745, 579	3, 631, 945	40
1, 054, 067	200, 402			1, 296, 695	1, 217, 345	30, 189	29, 084	20, 077	3, 420, 893	2, 124, 198	41
31, 779, 615	650, 832	635, 689	165, 585	257, 650, 679	246, 328, 808	8, 791, 732	2, 434, 601	95, 538	342, 197, 303	84, 546, 624	42
31, 701, 798	17, 072, 762	278, 084	335, 611	245, 570, 837	241, 438, 815	1, 853, 657	2, 136, 758	141, 607	434, 960, 890	189, 390, 053	43
142, 600, 328	7, 898, 343	4, 403, 301	434, 364	532, 260, 521	473, 236, 078	43, 506, 787	15, 387, 272	130, 384	938, 016, 664	400, 755, 143	44
10, 628, 601	1, 154, 183	129, 908	15, 250	53, 964, 442	53, 171, 074	136, 331	346, 743	310, 294	85, 776, 374	31, 811, 932	45
63, 806, 013	9, 930, 874	434, 830	110, 630	213, 838, 608	209, 725, 722	1, 511, 853	2, 013, 602	587, 431	382, 709, 595	168, 870, 987	46

## CENSUS OF MANUFACTURES: 1939

TABLE 5.—GENERAL STATISTICS IN DETAIL, BY

Group No.	INDUSTRY GROUP AND INDUSTRY	Number of establishments	Proprietors and firm members	NUMBER OF PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS <sup>1 2</sup>							SALARIES AND WAGES		
				Total	Salaried officers of corporations	Manufacturing		Distribution	Construction	Other	Total <sup>4</sup>	Salaried officers of corporations	Manufacturing Salaries
						Salaried employees	Wage earners (average for year) <sup>3</sup>						
	INDUSTRY—continued												
1	17 Paper-mill, pulp-mill, and paper-products machinery.....	99	28	7,258	192	1,206	5,409	411	26	14	\$12,990,332	\$1,605,548	\$2,437,694
2	6 Partitions, shelving, cabinet work, and office and store fixtures.....	716	510	17,841	702	1,622	13,826	1,581	33	77	26,039,336	2,960,036	2,814,676
3	10 Paving blocks and paving mixtures: asphalt, creosoted wood, and composition.....	231	35	3,193	113	389	2,437	222	29	3	4,494,084	544,928	738,745
4	20 Pencils (except mechanical) and crayons.....	40	12	4,977	81	469	3,779	602	46	-----	6,027,950	541,431	907,525
5	20 Pens, mechanical pencils, and pen points.....	70	39	6,323	86	512	4,463	1,250	12	-----	7,859,711	751,688	820,678
6	9 Perfumes, cosmetics, and other toilet preparations.....	539	201	15,614	571	1,669	10,363	2,911	36	64	21,717,088	4,080,481	2,866,980
7	8 Periodicals: publishing and printing.....	600	250	34,718	637	7,459	20,985	5,501	112	24	60,033,717	3,967,234	14,080,609
8	8 Periodicals: publishing without printing.....	1,958	532	27,254	1,859	15,141	436	9,816	-----	2	59,350,608	11,111,074	27,660,563
9	10 Petroleum refining.....	485	109	100,972	335	14,407	72,840	2,513	10,175	702	190,547,331	2,112,748	36,069,045
10	8 Photoengraving, not done in printing establishments (including preparation of plates).....	694	384	13,747	981	1,626	9,207	1,928	3	2	35,019,183	4,880,820	3,140,030
11	20 Photographic apparatus and materials and projection equipment (except lenses).....	160	79	24,497	181	4,238	17,271	1,062	1,686	59	40,880,449	1,222,938	9,545,127
12	20 Piano and organ parts and materials.....	23	2	1,501	38	98	1,315	45	5	-----	1,944,840	213,138	243,737
13	20 Pianos.....	35	4	5,987	48	464	5,311	158	6	-----	7,613,404	243,302	867,950
14	1 Pickled fruits and vegetables and vegetable sauces and seasonings.....	377	261	12,194	294	822	9,908	1,109	34	27	11,740,305	1,173,288	1,397,756
15	5 Planing mills not operated in conjunction with sawmills.....	3,076	2,042	76,242	2,201	5,861	62,838	4,783	145	414	88,418,374	8,087,811	9,478,127
16	9 Plastic materials.....	38	1	10,080	44	2,017	6,966	429	612	12	16,916,989	503,226	4,254,643
17	5 Plywood mills.....	86	24	10,597	142	514	9,805	92	28	16	11,942,712	683,537	967,264
18	13 Porcelain electrical supplies.....	42	7	6,897	72	631	6,018	131	44	1	8,769,011	564,701	1,253,088
19	13 Pottery products not elsewhere classified.....	151	105	6,972	161	450	6,054	286	16	5	8,549,161	781,954	793,839
20	1 Poultry dressing and packing, wholesale.....	765	550	16,731	188	1,235	14,506	687	19	96	11,955,717	623,545	1,759,825
21	14 Power boilers and associated products.....	448	199	25,509	661	4,046	18,888	1,882	21	11	40,337,636	3,277,693	7,928,343
22	1 Prepared feeds (including mineral) for animals and fowls.....	1,383	981	24,177	794	2,747	15,401	4,761	243	231	31,803,464	3,875,937	4,436,823
23	1 Preserves, jams, jellies, and fruit butters.....	171	79	4,774	153	393	3,717	447	23	41	5,289,747	700,062	621,931
24	15 Primary smelting and refining of nonferrous metals.....	63	1	32,906	16	3,701	27,630	14	659	886	49,822,601	142,496	8,913,869
25	9 Printing ink.....	206	41	4,376	200	885	2,572	698	7	14	9,073,056	1,350,652	2,136,495
26	17 Printing trades machinery and equipment.....	231	93	13,139	261	2,002	9,376	1,376	20	104	23,480,578	1,816,454	4,178,695
27	3 Processed waste and recovered wool fibers—contract factories.....	27	9	693	25	46	619	3	-----	-----	742,794	99,705	74,001
28	3 Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors.....	126	54	4,990	171	387	4,225	189	18	-----	5,424,661	1,000,986	631,290
29	20 Professional and scientific instruments (except surgical and dental).....	218	110	13,866	262	2,715	9,429	1,165	84	211	24,319,640	1,901,420	5,466,706
30	6 Public-building furniture.....	106	48	7,062	141	777	5,900	228	10	6	9,058,119	630,370	1,288,801
31	7 Pulp goods (pressed, molded).....	14	4	8,566	18	75	701	62	-----	-----	1,080,929	86,531	103,494
32	7 Pulp mills.....	194	2	30,613	65	2,314	26,870	36	1,120	208	40,866,247	635,481	5,243,830
33	17 Pumping equipment and air compressors.....	337	113	27,187	491	4,374	19,180	2,831	130	181	43,266,655	2,870,775	8,290,311
34	1 Quick-frozen foods.....	36	10	2,825	19	122	2,640	38	3	3	1,995,416	110,881	169,911
35	16 Radios, radio tubes, and phonographs.....	224	62	55,924	361	7,391	43,508	3,901	640	123	75,606,501	3,013,462	14,836,322
36	4 Raincoats and other waterproof garments (except oiled cotton).....	76	50	2,728	72	151	2,323	179	-----	3	2,673,412	310,167	250,352
37	6 Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets.....	47	32	1,631	56	101	1,377	96	-----	1	1,510,977	301,397	153,923
38	9 Rayon and allied products.....	30	-----	55,471	36	5,230	48,332	207	1,380	286	75,247,622	604,051	11,689,302
39	3 Rayon broad woven goods—contract factories.....	79	42	4,574	77	169	4,313	15	-----	-----	3,575,757	210,374	238,799
40	3 Rayon broad woven goods—regular factories or jobbers engaging contractors.....	196	36	68,296	228	2,405	65,432	222	-----	9	60,129,705	1,713,319	4,310,258
41	3 Rayon narrow fabrics.....	120	65	6,931	113	506	5,999	302	6	5	6,454,834	541,691	774,673
42	3 Rayon throwing and spinning—contract factories.....	32	15	2,546	21	95	2,423	7	-----	-----	1,738,790	98,558	134,163
43	3 Rayon yarn and thread, spun or thrown—regular factories or jobbers engaging contractors.....	52	11	6,385	62	338	5,930	50	5	-----	4,939,758	331,768	495,148
44	11 Reclaimed rubber.....	10	-----	1,282	16	96	1,072	31	62	5	1,969,617	159,000	227,207
45	17 Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units.....	309	156	43,174	388	4,615	35,160	2,627	201	183	65,774,100	2,326,447	9,465,047
46	1 Rice cleaning and polishing.....	72	28	3,218	83	509	2,346	213	13	54	3,094,104	323,647	828,704
47	4 Robes, lounging garments, and dressing gowns.....	264	237	8,716	191	527	7,377	572	3	46	8,280,452	811,786	772,043
48	10 Roofing, built-up and roll; asphalt shingles; roof coating (except paint).....	129	38	10,174	68	1,001	8,048	900	145	12	14,660,259	548,302	2,094,215

See footnotes at end of table.

# GENERAL SUMMARY

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## INDUSTRY GROUPS AND BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES—continued				COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK					Value of products <sup>4</sup> 5	Value added by manufacture <sup>6</sup>		
Manufacturing—Con.	Wages	Distribution	Construction	Other	Total <sup>4</sup> 5	Materials and supplies	Fuel	Purchased electric energy				Contract work
	\$7, 775, 242	\$1, 105, 540	\$51, 736	\$14, 572	\$12, 727, 445	\$12, 141, 188	\$250, 505	\$254, 034	\$81, 718	\$32, 419, 924	\$19, 692, 479	1
	17, 735, 228	2, 407, 947	54, 416	67, 033	30, 506, 708	29, 183, 376	311, 656	589, 538	422, 138	70, 718, 293	40, 211, 585	2
	2, 681, 421	492, 589	33, 645	2, 756	19, 026, 756	17, 741, 684	833, 741	313, 267	138, 064	32, 754, 308	13, 727, 552	3
	3, 434, 391	1, 070, 242	74, 361	-----	7, 279, 439	6, 800, 091	182, 885	110, 143	186, 320	15, 859, 756	8, 580, 317	4
	4, 328, 516	1, 938, 611	20, 218	-----	8, 699, 959	8, 430, 115	56, 671	110, 119	103, 054	24, 880, 890	16, 180, 931	5
	9, 643, 540	4, 993, 793	42, 937	89, 357	58, 509, 926	57, 845, 560	200, 206	265, 234	198, 926	147, 465, 585	88, 955, 659	6
	33, 002, 502	8, 767, 519	197, 813	18, 040	57, 632, 808	49, 651, 748	607, 509	871, 503	6, 502, 048	202, 015, 136	144, 382, 328	7
	550, 099	20, 027, 972	-----	900	116, 664, 127	38, 866, 772	26, 264	122, 843	77, 648, 248	266, 831, 618	150, 167, 491	8
	128, 214, 055	4, 589, 704	18, 405, 560	1, 156, 216	1, 933, 264, 243	1, 861, 671, 143	58, 479, 092	10, 904, 378	2, 209, 630	2, 461, 126, 549	527, 862, 306	9
	22, 568, 156	4, 423, 202	5, 317	1, 658	7, 361, 670	5, 855, 276	110, 333	570, 316	825, 745	55, 619, 445	48, 257, 775	10
	25, 286, 669	1, 812, 046	2, 369, 829	143, 840	42, 556, 269	40, 528, 150	1, 083, 122	684, 075	260, 922	133, 899, 429	91, 343, 160	11
	1, 430, 642	48, 362	8, 961	-----	1, 927, 298	1, 829, 883	56, 299	40, 291	825	4, 771, 563	2, 844, 265	12
	6, 123, 348	367, 500	11, 304	-----	10, 124, 236	9, 815, 904	213, 142	94, 651	539	20, 493, 110	10, 368, 874	13
	7, 393, 306	1, 679, 741	50, 247	45, 967	42, 618, 673	41, 888, 112	454, 554	276, 007	(?)	72, 637, 388	30, 018, 715	14
	62, 815, 065	7, 447, 338	189, 945	400, 088	177, 734, 772	172, 448, 263	1, 099, 516	3, 134, 639	1, 052, 354	320, 613, 516	142, 878, 744	15
	9, 839, 935	1, 248, 324	1, 049, 064	21, 797	40, 563, 524	38, 332, 809	1, 396, 547	654, 237	179, 931	77, 653, 314	37, 089, 790	16
	9, 942, 874	276, 690	57, 914	14, 433	18, 324, 679	17, 587, 282	141, 341	533, 493	62, 563	38, 878, 932	20, 554, 253	17
	6, 530, 168	321, 110	98, 993	951	7, 144, 220	6, 219, 375	666, 796	244, 811	13, 238	20, 817, 045	13, 672, 825	18
	6, 398, 313	547, 824	22, 983	4, 248	3, 817, 600	2, 800, 578	756, 838	239, 348	20, 836	16, 593, 344	12, 775, 744	19
	8, 645, 247	816, 654	18, 705	91, 741	114, 742, 997	113, 844, 884	342, 441	555, 672	(?)	138, 318, 081	23, 575, 084	20
	25, 298, 161	3, 783, 037	39, 918	10, 484	70, 654, 747	66, 695, 297	996, 683	1, 461, 592	1, 501, 175	140, 959, 533	70, 304, 786	21
	16, 252, 988	6, 694, 642	295, 114	247, 960	302, 640, 178	298, 420, 369	1, 113, 775	3, 030, 845	75, 189	401, 880, 238	99, 240, 060	22
	3, 125, 617	756, 214	31, 808	54, 115	26, 681, 864	26, 313, 803	246, 515	121, 546	(?)	38, 025, 559	11, 343, 695	23
	38, 411, 086	32, 286	992, 842	1, 330, 022	819, 570, 289	791, 402, 032	14, 486, 045	11, 640, 971	2, 041, 241	956, 572, 486	137, 002, 197	24
	3, 701, 318	1, 854, 055	11, 319	13, 217	25, 166, 041	24, 464, 942	163, 638	534, 681	2, 780	49, 131, 575	23, 965, 534	25
	14, 646, 956	2, 679, 758	39, 780	118, 935	15, 052, 964	14, 169, 692	319, 643	429, 579	134, 050	55, 581, 691	40, 528, 727	26
	563, 961	5, 127	-----	-----	244, 958	128, 796	46, 662	69, 500	(?)	1, 449, 449	1, 204, 491	27
	3, 370, 149	406, 558	15, 678	-----	22, 233, 857	21, 550, 332	247, 268	311, 721	124, 536	31, 524, 545	9, 290, 688	28
	13, 708, 826	2, 616, 775	191, 959	433, 954	17, 711, 101	15, 983, 720	167, 323	308, 245	1, 251, 813	61, 017, 302	43, 306, 201	29
	6, 567, 855	543, 058	12, 662	5, 373	11, 437, 549	10, 851, 218	197, 192	175, 383	213, 756	26, 678, 659	15, 241, 110	30
	818, 699	72, 205	-----	-----	1, 522, 772	1, 225, 994	116, 158	180, 620	-----	3, 826, 393	2, 303, 021	31
	33, 087, 514	134, 664	1, 258, 747	506, 011	144, 736, 646	127, 708, 914	11, 402, 602	5, 518, 728	46, 402	226, 851, 822	82, 115, 176	32
	26, 208, 019	5, 437, 053	210, 267	250, 230	54, 203, 943	52, 022, 568	1, 022, 824	771, 462	387, 089	134, 940, 777	80, 736, 834	33
	1, 656, 025	39, 929	17, 198	1, 472	6, 182, 735	6, 001, 251	27, 118	154, 366	-----	10, 107, 442	3, 924, 707	34
	47, 025, 658	9, 435, 495	1, 119, 052	176, 512	145, 850, 163	142, 915, 417	723, 182	1, 117, 375	1, 094, 189	275, 870, 165	130, 020, 002	35
	1, 873, 838	237, 185	-----	1, 870	7, 082, 997	6, 287, 950	6, 019	39, 830	749, 198	11, 304, 341	4, 221, 344	36
	925, 968	127, 982	-----	1, 707	1, 673, 542	1, 631, 481	15, 541	26, 420	100	3, 917, 695	2, 244, 153	37
	60, 029, 523	668, 489	1, 874, 860	381, 397	78, 459, 699	71, 297, 741	6, 014, 751	1, 099, 414	47, 793	247, 065, 556	168, 605, 857	38
	3, 119, 831	6, 753	-----	-----	627, 095	349, 389	35, 160	242, 546	(?)	5, 306, 825	4, 679, 730	39
	53, 435, 008	661, 059	1, 009	9, 052	177, 442, 588	170, 000, 196	937, 982	3, 610, 354	2, 894, 056	272, 713, 927	95, 271, 339	40
	4, 754, 593	371, 283	3, 462	9, 132	9, 013, 531	8, 692, 547	119, 501	201, 483	(?)	20, 516, 419	11, 502, 888	41
	1, 480, 436	25, 633	-----	-----	592, 337	302, 200	34, 273	255, 864	(?)	3, 066, 274	2, 473, 937	42
	3, 996, 548	114, 270	2, 024	-----	18, 627, 225	17, 882, 196	166, 294	473, 106	105, 629	26, 470, 882	7, 843, 657	43
	1, 477, 036	48, 676	52, 599	5, 099	2, 992, 406	2, 249, 921	175, 271	567, 214	-----	6, 894, 018	3, 901, 612	44
	48, 391, 944	5, 025, 604	300, 069	264, 989	150, 462, 662	146, 639, 804	1, 515, 779	2, 043, 604	263, 475	278, 645, 540	128, 182, 878	45
	1, 533, 096	326, 237	20, 579	61, 841	33, 802, 651	33, 625, 771	42, 911	133, 699	270	42, 363, 349	8, 560, 698	46
	5, 700, 600	958, 198	3, 333	34, 492	25, 683, 969	22, 772, 495	18, 231	141, 814	2, 751, 429	39, 830, 309	14, 146, 340	47
	9, 840, 900	1, 939, 445	223, 872	13, 525	61, 406, 320	59, 571, 065	1, 299, 627	521, 785	13, 843	107, 826, 873	46, 420, 553	48

## CENSUS OF MANUFACTURES: 1939

TABLE 5.—GENERAL STATISTICS IN DETAIL, BY

Group No.	INDUSTRY GROUP AND INDUSTRY	Number of establishments	Proprietors and firm members	NUMBER OF PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS <sup>1 2</sup>							SALARIES AND WAGES		
				Total	Salaried officers of corporations	Manufacturing		Distribution	Construction	Other	Total <sup>4</sup>	Salaried officers of corporations	Manufacturing Salaries
						Salaried employees	Wage earners (average for year) <sup>3</sup>						
	INDUSTRY—continued												
1 13	Roofing tile.....	16	9	726	7	75	628	16	-----	-----	\$787,360	\$11,002	\$136,966
2 11	Rubber boots and shoes (including rubber-soled footwear with fabric uppers).....	13	-----	18,098	29	2,072	14,861	994	109	33	22,056,016	222,801	3,256,389
3 11	Rubber products not elsewhere classified.....	519	156	63,189	741	6,666	50,692	4,003	955	132	80,732,785	4,981,425	12,339,249
4 12	Saddlery, harness, and whips.....	156	100	3,351	111	255	2,755	221	6	3	3,415,580	357,601	348,457
5 14	Safes and vaults.....	16	6	1,558	22	207	1,236	84	3	6	2,285,911	146,785	348,830
6 1	Salad dressings.....	134	87	3,511	76	326	2,556	500	18	35	4,190,235	294,447	575,655
7 9	Salt.....	40	4	4,555	30	377	3,737	234	168	9	5,927,903	238,343	827,292
8 13	Sand-lime brick, block and tile.....	27	9	429	16	26	346	34	7	-----	579,867	43,209	42,415
9 1	Sausage casings—not made in meat-packing establishments.....	37	13	1,194	28	68	987	111	-----	-----	1,442,278	165,278	122,641
10 1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments.....	1,067	750	16,998	554	1,258	11,277	3,720	59	130	24,537,484	2,715,901	2,288,880
11 5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills.....	7,391	6,938	287,272	2,147	12,824	265,185	3,998	2,388	730	254,598,365	8,928,293	21,343,580
12 14	Saws.....	87	42	4,902	97	509	4,072	218	5	1	7,097,396	594,783	951,608
13 17	Scales and balances.....	56	16	3,757	82	523	2,839	306	6	1	5,566,413	469,713	1,048,061
14 14	Screw-machine products and wood screws.....	345	182	20,300	458	1,819	16,924	991	94	14	30,800,223	2,924,281	3,655,408
15 15	Secondary smelting and refining, gold, silver, and platinum.....	66	43	1,741	57	181	1,115	342	-----	46	3,306,758	392,656	455,366
16 15	Secondary smelting and refining of nonferrous metals, not elsewhere classified.....	108	53	4,750	140	616	3,608	292	56	38	7,637,656	965,885	1,471,144
17 13	Sewer pipe and kindred products.....	65	6	7,051	77	335	6,406	195	36	2	8,276,040	391,355	621,046
18 17	Sewing machines, domestic and industrial.....	39	11	9,568	56	1,110	7,840	286	273	3	14,895,466	400,471	2,369,156
19 15	Sheet-metal work not specifically classified.....	1,262	798	24,740	1,102	2,296	18,749	2,470	26	97	36,727,272	4,792,146	4,159,411
20 19	Shipbuilding and ship repairing.....	406	198	75,118	483	7,175	66,611	396	345	108	126,244,783	3,108,546	17,091,104
21 20	Signs, advertising displays, and advertising novelties.....	1,386	1,028	23,370	1,023	2,246	17,206	2,824	68	3	33,674,925	4,577,951	3,575,754
22 3	Silk broad woven goods—contract factories.....	37	20	1,169	20	50	1,096	3	-----	-----	833,219	40,198	63,709
23 3	Silk broad woven goods—regular factories or jobbers engaging contractors.....	82	32	9,507	84	622	8,754	45	-----	2	9,197,390	439,988	1,056,577
24 3	Silk narrow fabrics.....	100	33	4,741	88	285	4,309	52	-----	7	4,882,191	439,922	503,111
25 3	Silk throwing and spinning—contract factories.....	78	32	12,931	60	474	12,374	21	2	-----	8,718,571	262,227	757,876
26 3	Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors.....	53	9	9,896	48	486	9,191	163	5	3	8,498,789	575,875	898,063
27 15	Silverware and plated ware.....	150	70	14,712	215	1,304	12,105	966	60	62	20,969,708	1,287,821	2,319,206
28 12	Small leather goods.....	118	87	4,350	106	264	3,615	365	-----	-----	4,460,959	567,822	370,886
29 9	Soap and glycerin.....	264	98	20,191	285	3,345	13,624	2,521	386	30	33,090,782	1,731,812	6,876,102
30 20	Soda fountains, beer dispensing equipment, and related products.....	51	18	2,027	52	270	1,590	114	1	-----	3,367,841	195,099	599,904
31 9	Soybean oil, cake, and meal.....	47	15	2,010	17	321	1,481	102	87	2	2,850,754	87,982	575,487
32 1	Special dairy products.....	51	11	3,085	34	330	2,378	285	10	48	3,800,085	187,448	661,764
33 17	Special industry machinery, not elsewhere classified.....	207	79	13,648	317	2,094	10,388	802	12	35	23,205,920	2,071,598	4,184,513
34 20	Sporting and athletic goods not elsewhere classified.....	350	230	16,633	324	1,457	13,816	955	81	-----	19,813,189	1,566,506	2,333,491
35 14	Springs, steel (except wire)—made in plants not operated in connection with rolling mills.....	53	12	3,591	71	370	2,940	197	8	5	5,738,797	370,674	742,745
36 14	Stamped and pressed metal products (except automobile stampings).....	655	281	39,362	876	3,539	33,112	1,708	90	37	53,345,731	5,109,281	6,569,051
37 13	Statuary and art goods (except stone and concrete)—factory production.....	126	148	1,172	65	78	983	43	-----	3	1,532,547	192,810	122,195
38 14	Steam and hot-water heating apparatus (including hot-water furnaces).....	68	10	10,024	76	924	8,493	521	10	-----	12,950,200	399,699	1,677,972
39 13	Steam and other packing; pipe and boiler covering.....	134	49	7,531	161	719	5,907	673	53	18	11,168,780	1,001,276	1,482,976
40 17	Steam engines, turbines, and water wheels.....	18	-----	5,531	44	1,250	3,902	312	22	1	10,523,909	340,739	2,776,193
41 14	Steam fittings, regardless of material.....	181	29	27,931	329	4,242	21,815	1,466	27	52	42,787,133	2,268,760	7,856,327
42 14	Steel barrels, kegs, and drums.....	64	8	6,964	71	550	6,072	280	11	-----	9,544,686	525,040	1,000,835
43 14	Steel castings.....	164	6	35,567	335	3,957	30,088	875	258	54	55,545,434	2,591,831	8,428,580
44 14	Steel works and rolling mills.....	253	1	413,280	384	34,149	368,904	2,942	6,576	325	674,846,218	4,635,074	83,919,153
45 17	Stokers, mechanical, domestic and industrial.....	61	15	4,927	89	659	3,549	591	29	10	7,576,509	515,631	1,174,325
46 14	Stoves, ranges, water heaters, and hot-air furnaces (except electric).....	449	148	50,984	724	4,465	41,701	3,861	75	158	68,890,420	4,730,289	7,913,661
47 12	Suitcases, brief cases, bags, trunks, and other luggage.....	329	233	9,924	349	559	8,326	688	1	1	11,555,796	1,452,602	928,334
48 20	Surgical and medical instruments.....	50	22	2,232	80	239	1,626	282	2	3	3,741,819	538,318	467,702
49 20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances.....	360	220	13,129	293	1,676	8,468	2,471	221	-----	17,942,661	1,793,597	2,934,922
50 4	Suspenders, garters, and other goods made from purchased elastic material.....	66	53	3,202	54	249	2,558	336	-----	5	3,152,804	245,684	385,013

See footnotes at end of table.

## GENERAL SUMMARY

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## INDUSTRY GROUPS AND BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES—continued				COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK					Value of products <sup>1</sup>	Value added by manu- facture <sup>2</sup>	
Manufactur- ing—Con.				Total <sup>4</sup>	Materials and supplies	Fuel	Purchased electric energy	Contract work			
Wages	Distribution	Construc- tion	Other								
\$615,607	\$22,006	\$1,779		\$376,245	\$141,578	\$205,073	\$29,594		\$1,824,881	\$1,448,636	1
10,801,537	1,554,017	189,629	\$31,643	20,749,368	19,711,362	378,767	635,412	\$23,827	49,980,591	29,231,223	2
53,357,735	8,397,868	1,491,092	165,416	122,875,377	115,274,427	3,096,216	4,203,621	301,113	264,525,200	141,649,823	3
2,388,239	314,374	4,756	2,153	6,876,684	6,756,855	52,508	52,183	15,138	12,118,430	5,241,746	4
1,589,088	190,846	5,299	5,063	2,413,251	2,275,394	58,618	58,646	20,593	6,084,319	3,671,068	5
2,433,965	792,804	43,323	50,041	37,873,069	37,652,204	105,811	115,054		48,941,846	11,068,777	6
4,235,484	345,788	264,390	16,606	9,568,742	7,338,580	2,083,071	142,091		27,530,172	17,961,430	7
414,466	74,960	4,817		637,730	610,163	78,273	49,294		1,915,878	1,278,148	8
882,335	272,024			3,709,461	3,673,182	17,960	18,319		6,014,658	2,305,197	9
13,473,199	5,838,172	72,307	149,025	165,045,149	162,777,385	923,831	1,343,933	(?)	208,048,345	43,003,196	10
214,920,436	5,518,831	2,889,167	998,058	280,019,254	252,977,343	4,325,283	3,338,707	19,377,921	692,944,624	412,925,370	11
5,197,649	344,509	6,655	2,192	6,784,355	6,155,219	289,009	239,261	100,866	18,470,682	11,686,327	12
3,306,476	734,247	6,932	884	4,987,514	4,676,264	111,011	112,404	87,835	14,350,068	9,362,554	13
22,106,007	1,990,162	107,251	17,114	32,649,213	29,986,563	520,625	1,104,135	947,890	82,806,869	50,157,656	14
1,686,944	699,322		72,470	94,783,030	94,485,005	165,164	92,173	40,688	101,783,864	7,000,834	15
4,366,477	701,936	84,572	47,642	65,436,289	63,960,391	1,045,238	352,400	78,260	82,038,323	16,602,034	16
6,817,738	402,334	41,479	2,088	4,628,074	1,782,414	2,630,152	212,508	3,000	18,295,679	13,667,605	17
11,156,855	484,321	481,751	2,912	8,610,209	8,090,976	295,183	218,654	5,396	29,706,544	21,096,335	18
23,078,689	4,569,783	34,542	92,701	70,981,079	69,254,520	484,496	732,493	509,570	137,341,231	66,360,152	19
104,473,303	930,429	471,367	170,034	153,415,481	148,639,860	1,656,789	2,480,747	638,085	327,387,069	173,971,618	20
20,557,406	4,889,216	70,635	3,963	32,493,335	29,824,728	401,100	629,868	1,637,639	87,625,220	55,131,885	21
724,812	4,500			131,709	54,575	10,277	66,857	(?)	1,101,949	970,240	22
7,605,930	93,647		1,248	21,638,641	20,387,512	239,502	423,508	588,119	35,732,233	14,093,592	23
3,852,093	74,388		12,677	4,823,001	4,355,723	98,882	141,855	196,541	13,133,079	8,310,078	24
7,637,806	60,098	564		3,407,825	2,029,436	122,229	895,883	360,277	15,853,452	12,445,627	25
6,735,942	284,715	3,683	511	34,026,782	33,065,600	174,757	550,141	236,284	48,004,996	13,978,214	26
15,304,394	1,880,114	110,801	67,372	24,787,356	23,917,247	398,031	395,408	76,670	62,771,158	37,983,802	27
2,750,588	771,663			7,371,951	7,024,611	14,004	46,625	286,711	14,334,433	6,902,482	28
18,800,527	4,844,957	809,071	28,313	101,002,676	157,658,319	2,607,300	638,961	98,096	302,634,474	141,631,798	29
2,389,452	182,356	1,030		5,968,179	5,808,320	58,651	54,343	46,865	13,659,820	7,691,641	30
1,889,457	205,233	91,109	1,486	34,434,845	33,321,647	467,894	637,909	7,395	43,946,647	9,511,802	31
2,426,951	444,728	19,955	59,249	50,383,865	50,101,204	133,338	149,323		57,569,300	7,185,435	32
15,160,633	1,705,793	22,143	61,240	19,836,348	18,666,324	388,827	473,507	307,690	55,785,016	35,948,668	33
14,220,581	1,613,056	79,555		26,689,795	25,692,456	306,122	507,959	183,258	64,753,813	38,064,018	34
4,277,439	321,107	20,746	6,080	12,795,702	12,033,716	493,407	267,369	1,210	23,044,252	10,248,550	35
37,535,454	3,942,358	139,133	50,454	89,140,826	85,222,454	1,183,722	1,798,306	936,344	178,395,076	89,254,250	36
1,150,324	65,460		1,758	974,707	906,456	28,622	28,354	11,275	3,440,114	2,465,407	37
9,921,515	938,032	12,982		17,165,268	15,718,041	942,239	498,706	6,282	45,377,801	28,212,533	38
7,190,308	1,386,533	86,842	20,845	17,608,350	16,628,640	697,983	269,681	12,046	37,170,483	19,562,133	39
6,349,143	1,051,352	6,118	304	9,551,498	9,133,733	289,725	125,638	2,402	24,751,466	15,199,968	40
29,629,764	2,933,620	42,302	56,360	37,667,330	35,376,169	1,111,176	983,421	196,564	111,985,627	74,318,297	41
7,360,075	581,041	17,689		32,328,846	31,662,936	223,323	384,712	57,375	49,165,973	16,837,627	42
41,941,774	2,205,011	325,960	52,278	45,232,070	36,031,250	3,717,140	4,896,383	587,297	135,466,423	90,234,353	43
569,724,280	7,365,895	8,685,094	516,722	1,572,471,554	1,408,063,761	125,989,648	35,804,445	2,613,700	2,720,019,564	1,147,548,010	44
4,789,265	1,045,221	42,437	9,630	9,857,338	9,435,503	173,434	190,759	57,642	24,545,164	14,087,826	45
48,069,160	7,854,738	118,828	203,744	97,475,213	91,222,399	2,400,689	1,671,091	2,181,034	223,427,130	125,951,917	46
7,918,929	1,255,113	688	130	19,214,722	18,914,012	91,012	140,433	69,265	36,591,482	17,376,760	47
1,978,574	722,200	1,671	33,854	2,319,720	2,228,296	24,579	51,691	15,254	8,052,120	5,732,400	48
8,547,630	4,455,599	210,913		40,296,593	39,568,465	271,188	392,526	64,414	79,398,442	39,101,849	49
1,956,082	558,724		7,301	8,918,161	8,826,927	12,393	34,395	44,446	15,482,865	6,564,704	50

## CENSUS OF MANUFACTURES: 1939

TABLE 5.—GENERAL STATISTICS IN DETAIL, BY

Group No.	INDUSTRY GROUP AND INDUSTRY	Number of establishments	Proprietors and firm members	NUMBER OF PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS <sup>1 2</sup>							SALARIES AND WAGES		
				Total	Salaried officers of corporations	Manufacturing		Distribution	Construction	Other	Total <sup>4</sup>	Salaried officers of corporations	Manufacturing Salaries
						Salaried employees	Wage earners (average for year) <sup>3</sup>						
	INDUSTRY—continued												
1 13	Tableware, pressed or blown glass, and glassware not elsewhere classified	115	29	31,320	183	2,697	27,330	902	182	26	\$38,974,956	\$1,216,089	\$5,292,508
2 9	Tanning materials, natural dye-stuffs, mordants, assistants, and sizes	158	33	4,057	168	632	2,716	405	67	69	7,108,047	1,366,480	1,373,278
3 13	Terra cotta	12	1	1,297	14	144	1,099	24	16		1,666,836	62,691	241,931
4 4	Textile bags—not made in textile mills	216	110	13,903	159	968	11,991	758	15	12	14,530,646	1,087,185	1,652,014
5 17	Textile machinery	300	125	27,259	411	2,806	21,904	1,602	361	175	39,586,846	2,717,426	4,907,188
6 15	Tin and other foils (except gold and silver foil)	12	2	1,541	9	131	1,328	67		6	2,403,476	69,137	288,681
7 14	Tin cans and other tinware not elsewhere classified	248	33	38,013	176	4,710	31,770	819	519	19	49,832,171	1,189,100	9,612,612
8 11	Tires and inner tubes	53	5	67,169	116	8,900	54,115	3,540	426	72	122,163,714	1,767,970	21,482,798
9 2	Tobacco (chewing and smoking) and snuff	132	78	10,970	121	853	9,202	592	84	118	11,963,341	696,569	1,854,322
10 20	Tobacco pipes and cigarette holders	32	13	2,814	46	127	2,481	154	6		3,156,379	281,973	215,103
11 14	Tools (except edge tools, machine tools, files, and saws)	387	199	19,068	457	2,129	15,343	1,062	66	11	26,626,381	2,571,990	3,815,767
12 17	Tractors	30	4	39,262	48	6,221	31,275	1,535	167	16	64,803,114	250,623	10,936,609
13 19	Transportation equipment not elsewhere classified	41	20	1,543	51	157	1,252	73	10		1,725,327	159,223	278,762
14 4	Trimnings (not made in textile mills), stamped art goods, and art needlework—contract factories	305	395	6,297	230	179	5,553	295	5	35	6,816,872	837,015	253,603
15 4	Trimnings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	227	182	4,735	165	333	3,728	488	7	14	5,361,264	849,664	519,073
16 4	Trousers (semidress), wash suits, and washable service apparel	297	235	21,320	247	808	19,541	691	7	26	16,486,878	1,133,939	1,161,139
17 20	Umbrellas, parasols, and canes	90	79	3,236	78	184	2,862	112			3,053,376	357,994	311,501
18 6	Upholstered household furniture	853	575	35,251	871	2,363	29,949	1,997	16	55	41,079,957	3,371,425	3,691,067
19 9	Vegetable and animal oils, not elsewhere classified	54	11	1,492	43	191	1,108	118	28	4	2,010,710	231,054	325,985
20 17	Vending, amusement, and other coin-operated machines	51	15	4,770	71	493	3,842	354	8	2	7,261,067	856,340	971,530
21 6	Venetian blinds	274	239	6,730	175	613	5,179	716	29	18	7,352,867	556,737	819,803
22 1	Vinegar and cider	132	70	1,330	43	145	1,059	71		12	1,356,274	153,355	208,095
23 13	Vitreous-china plumbing fixtures	25	2	5,146	47	444	4,534	107	13	1	7,668,560	291,686	817,491
24 14	Vitreous enameled products, including kitchen, household, and hospital utensils	55	2	12,480	133	1,104	10,809	394	39	1	15,283,028	1,046,636	1,942,413
25 13	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	124	38	7,734	125	849	6,227	435	77	21	9,199,956	613,561	1,410,947
26 7	Wallpaper	46	7	4,885	81	417	4,054	324	9		7,654,705	578,853	887,020
27 15	Watchcases	42	27	3,086	51	349	2,409	188	41	48	4,297,003	344,915	549,459
28 13	Whiteware	31	2	12,773	63	566	11,728	192	190	34	15,000,374	434,741	1,841,698
29 6	Window and door screens and weather strip	162	122	3,616	131	298	2,831	338	1	18	4,621,259	615,847	461,715
30 6	Window shades	273	210	4,072	110	325	3,261	365	7	4	4,821,455	397,561	515,583
31 1	Wines	301	214	3,491	172	504	2,056	585	109	65	4,550,808	661,086	789,216
32 14	Wire drawn from purchased rods	95	8	25,980	159	2,921	21,969	790	123	18	40,382,370	2,103,181	6,407,981
33 14	Wirework not elsewhere classified	669	413	35,916	714	3,179	30,386	1,512	91	34	49,066,875	4,454,674	5,952,959
34 16	Wiring devices and supplies	146	29	17,960	260	1,999	14,564	1,075	45	17	25,093,614	2,008,032	3,779,729
35 4	Women's and misses' blouses and waists—made in contract factories	132	152	5,249	36	89	5,109	11	1	3	3,739,119	133,336	113,984
36 4	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors	170	139	5,701	145	315	4,564	664		13	6,425,151	725,737	527,083
37 4	Women's and misses' clothing, not elsewhere classified—made in contract factories	100	89	3,837	42	81	3,703	8	1	2	2,764,069	117,621	107,886
38 4	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	231	185	7,535	199	355	6,281	665	2	33	7,880,365	806,421	512,459
39 4	Women's and misses' dresses (except house dresses)—made in contract factories	1,490	1,593	51,159	569	622	49,742	140	1	85	49,637,720	1,605,893	977,758
40 4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	1,426	677	68,292	1,841	3,981	53,996	7,979	17	478	94,272,575	10,456,328	7,339,191
41 4	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	174	152	12,425	110	617	11,349	315	2	32	9,338,331	553,321	834,373
42 4	Women's, children's, and infants' underwear and nightwear of knitted fabrics	139	103	7,210	133	324	6,398	326	9	20	6,020,975	614,052	447,035
43 4	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	372	267	22,624	291	924	20,509	851	5	44	18,812,156	1,602,861	1,866,767
44 4	Women's neckwear, scarfs, etc.	107	103	2,398	75	126	1,931	260		6	2,680,529	409,957	184,191

See footnotes at end of table.

# GENERAL SUMMARY

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## INDUSTRY GROUPS AND BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES—continued				COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK					Value of products <sup>4</sup>	Value added by manu- facture <sup>6</sup>	
Manufactur- ing—Con.											
Wages	Distribution	Construc- tion	Other	Total <sup>1</sup>	Materials and supplies	Fuel	Purchased electric energy	Contract work			
\$30, 114, 795	\$2, 070, 464	\$250, 587	\$30, 513	\$27, 033, 202	\$19, 336, 632	\$6, 291, 746	\$1, 316, 970	\$87, 854	\$97, 317, 363	\$70, 284, 161	1
3, 002, 734	1, 157, 933	92, 570	113, 052	23, 860, 279	22, 906, 267	770, 392	181, 576	2, 044	42, 164, 716	18, 304, 437	2
1, 298, 603	47, 151	16, 460	-----	757, 441	452, 122	248, 092	56, 213	1, 014	3, 175, 310	2, 417, 869	3
10, 002, 651	1, 755, 123	22, 024	11, 649	93, 807, 210	93, 334, 877	147, 962	282, 348	42, 023	121, 702, 151	27, 894, 941	4
27, 614, 519	3, 512, 179	509, 372	266, 162	33, 598, 333	32, 005, 000	772, 922	747, 471	72, 940	93, 276, 326	59, 677, 993	5
1, 937, 721	100, 737	-----	7, 200	10, 337, 645	10, 019, 946	105, 470	212, 229	-----	19, 071, 847	8, 734, 202	6
36, 397, 817	1, 659, 586	935, 117	37, 939	249, 044, 215	246, 174, 203	1, 321, 195	1, 510, 817	38, 000	372, 616, 014	123, 571, 799	7
89, 773, 503	8, 207, 386	821, 538	110, 519	349, 556, 866	340, 732, 027	4, 024, 999	4, 766, 440	33, 400	580, 928, 993	231, 372, 127	8
8, 192, 529	961, 321	153, 141	105, 459	81, 719, 385	80, 690, 839	331, 544	153, 796	543, 206	123, 687, 198	41, 967, 813	9
2, 406, 530	243, 754	9, 019	-----	2, 299, 308	2, 158, 223	21, 746	72, 448	46, 891	7, 507, 616	5, 208, 308	10
18, 002, 210	2, 118, 540	107, 514	10, 360	27, 355, 354	25, 278, 495	1, 003, 857	870, 943	202, 059	75, 290, 333	47, 034, 979	11
49, 845, 575	3, 463, 214	291, 208	15, 885	135, 626, 339	130, 846, 734	2, 195, 197	1, 372, 923	1, 211, 485	253, 951, 435	118, 325, 096	12
1, 149, 973	131, 369	4, 000	2, 000	3, 123, 709	3, 021, 105	50, 755	47, 561	4, 288	6, 268, 610	3, 144, 901	13
5, 338, 560	349, 841	10, 079	27, 774	1, 786, 339	1, 519, 093	33, 848	148, 534	84, 914	12, 509, 807	10, 723, 418	14
3, 152, 643	813, 945	14, 796	11, 143	15, 943, 644	15, 507, 185	40, 786	109, 000	286, 673	26, 138, 877	10, 195, 233	15
12, 841, 415	1, 316, 414	6, 927	27, 044	34, 812, 878	31, 717, 425	107, 796	219, 587	2, 768, 070	60, 984, 613	26, 171, 735	16
2, 193, 255	192, 626	-----	-----	6, 869, 250	6, 695, 882	59, 482	45, 090	68, 796	11, 519, 990	4, 650, 740	17
30, 082, 203	3, 838, 684	20, 215	76, 363	65, 977, 333	64, 669, 579	434, 046	655, 517	218, 191	128, 723, 519	62, 746, 186	18
1, 236, 515	191, 364	23, 160	2, 632	24, 377, 653	23, 852, 334	298, 638	226, 681	-----	30, 456, 835	6, 079, 182	19
4, 631, 710	786, 209	13, 767	1, 511	10, 674, 687	10, 453, 790	47, 092	100, 676	73, 129	23, 142, 882	12, 468, 195	20
4, 808, 267	1, 153, 584	20, 121	14, 295	13, 664, 946	13, 417, 275	97, 745	119, 545	30, 381	25, 965, 350	12, 300, 404	21
876, 651	110, 199	-----	7, 974	4, 265, 980	4, 062, 305	101, 515	101, 657	503	7, 505, 800	3, 239, 820	22
6, 315, 843	215, 274	26, 923	1, 343	6, 982, 118	6, 013, 333	813, 611	154, 337	837	21, 978, 821	14, 996, 703	23
11, 441, 682	794, 391	57, 546	360	20, 348, 180	18, 446, 541	1, 054, 068	702, 768	144, 803	44, 239, 055	23, 890, 875	24
6, 288, 111	743, 812	119, 462	24, 063	14, 804, 368	12, 342, 484	1, 126, 819	1, 329, 440	5, 625	35, 753, 840	20, 949, 472	25
5, 333, 246	838, 561	17, 025	-----	11, 695, 922	11, 265, 164	246, 580	154, 796	29, 382	24, 968, 843	13, 272, 921	26
2, 959, 759	352, 775	55, 197	55, 498	3, 987, 367	3, 805, 838	50, 775	68, 466	62, 288	9, 791, 605	5, 804, 238	27
13, 149, 932	379, 626	214, 728	79, 749	8, 157, 025	6, 851, 085	936, 297	270, 301	99, 342	27, 800, 677	19, 643, 652	28
2, 983, 580	537, 769	2, 000	20, 348	7, 842, 398	7, 694, 174	56, 118	77, 644	14, 462	15, 223, 769	7, 381, 371	29
3, 411, 267	486, 537	6, 947	3, 530	15, 410, 218	15, 119, 337	179, 694	97, 557	13, 630	27, 070, 810	11, 660, 592	30
2, 023, 106	975, 082	77, 122	81, 256	19, 386, 754	18, 825, 902	223, 693	289, 259	47, 900	32, 782, 080	13, 395, 326	31
29, 965, 840	1, 708, 970	176, 651	19, 747	99, 982, 019	95, 003, 661	2, 241, 650	2, 587, 142	149, 596	176, 508, 111	76, 521, 092	32
35, 538, 502	2, 942, 074	138, 119	40, 247	74, 951, 560	72, 140, 673	935, 870	1, 462, 285	412, 732	158, 816, 863	83, 865, 303	33
16, 905, 970	2, 292, 816	89, 638	17, 429	44, 505, 642	43, 158, 537	665, 295	621, 267	60, 543	94, 305, 273	49, 799, 631	34
3, 482, 765	6, 422	250	2, 362	336, 994	234, 428	8, 189	67, 970	26, 407	5, 311, 394	4, 974, 400	35
3, 909, 750	1, 250, 387	-----	12, 194	24, 539, 845	18, 372, 629	1, 790	82, 308	6, 083, 118	36, 419, 098	11, 879, 253	36
2, 527, 648	8, 796	792	1, 326	284, 151	174, 553	11, 732	59, 673	38, 193	4, 311, 175	4, 027, 024	37
5, 386, 948	1, 126, 903	2, 906	44, 728	22, 651, 754	19, 348, 127	24, 592	110, 740	3, 168, 295	35, 759, 421	13, 107, 667	38
46, 747, 846	140, 791	2, 000	63, 432	3, 301, 064	2, 370, 758	89, 393	728, 437	112, 476	64, 935, 922	61, 634, 858	39
61, 652, 253	14, 241, 920	29, 187	553, 696	284, 628, 004	215, 708, 365	64, 024	1, 290, 640	67, 564, 975	441, 324, 635	156, 696, 631	40
7, 462, 179	457, 718	2, 473	28, 267	21, 944, 368	20, 767, 891	28, 728	140, 624	1, 007, 125	37, 184, 478	15, 240, 110	41
4, 372, 776	553, 887	15, 295	17, 930	14, 854, 626	14, 567, 667	13, 818	87, 961	185, 180	24, 608, 459	9, 753, 833	42
14, 849, 204	1, 450, 898	5, 140	37, 286	59, 021, 250	54, 608, 555	28, 311	263, 353	4, 121, 031	90, 627, 640	31, 606, 390	43
1, 678, 146	403, 021	-----	5, 214	7, 199, 545	6, 267, 298	3, 581	38, 108	890, 558	11, 947, 604	4, 743, 059	44

## CENSUS OF MANUFACTURES: 1939

TABLE 5.—GENERAL STATISTICS IN DETAIL, BY

Group No.	INDUSTRY GROUP AND INDUSTRY	Number of establishments	Proprietors and firm members	NUMBER OF PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS <sup>1 2</sup>							SALARIES AND WAGES		
				Total	Salaried officers of corporations	Manufacturing		Distribution	Construction	Other	Total	Salaried officers of corporations	Manufacturing Salaries
						Salaried employees	Wage earners (average for year) <sup>3</sup>						
	INDUSTRY—continued.												
1 12	Women's pocketbooks, handbags, and purses.....	286	180	15,700	320	668	14,048	651	1	12	\$14,777,416	\$1,380,023	\$1,178,102
2 6	Wooden boxes except cigar boxes.....	642	356	28,009	487	1,479	25,351	544	47	101	24,457,352	1,930,097	2,255,141
3 9	Wood naval stores.....	25	6	2,924	34	316	2,353	26	192	3	2,886,900	136,604	635,089
4 6	Wood preserving.....	218	10	12,623	94	935	11,242	180	167	5	12,205,883	360,191	1,649,757
5 6	Wood products not elsewhere classified.....	886	645	25,088	625	1,808	21,993	570	49	43	23,704,299	2,257,930	2,753,227
6 17	Woodworking machinery.....	130	32	5,121	222	693	3,622	553	3	28	8,004,578	1,041,899	1,238,622
7 3	Woolen and worsted manufactures—contract factories.....	76	36	6,595	85	383	6,072	39	11	5	7,477,021	543,699	781,740
8 3	Woolen and worsted manufactures—regular factories or jobbers engaging contractors.....	583	123	149,804	847	7,921	140,022	830	124	60	159,297,747	6,682,129	16,238,995
9 20	Wool pulling.....	17	11	910	23	46	836	2	3		1,373,074	150,122	113,744
10 4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified.....	742	471	63,041	694	2,452	56,959	2,745	35	156	48,121,654	3,270,389	3,492,014
11 4	Work gloves and mittens: cloth, cloth and leather combined.....	94	46	9,433	70	313	8,901	148	4	2	6,641,936	261,302	429,871
12 4	Work shirts.....	87	28	14,269	64	502	13,449	155	9	90	8,474,796	247,381	623,481
13 9	Writing ink.....	15	10	493	22	64	254	153			821,128	134,903	112,635
14 14	Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills.....	49	8	9,670	66	925	8,370	265	30	14	15,794,293	561,833	2,189,103
15 16	X-ray and therapeutic apparatus and electronic tubes.....	84	36	3,009	104	588	1,959	354		4	5,132,848	630,402	1,184,935

<sup>1</sup> No data for employees of central-administrative offices are included.

<sup>2</sup> The 1939 Census of Manufactures questionnaire, for the first time, called for personnel employed in distribution, construction, etc., separately from the manufacturing employees of the plants, and therefore the data for earlier years probably are not strictly comparable with those for 1939. It is not known how many of the wage earners and the salaried employees reported at previous censuses were engaged in distribution and construction and how many were engaged in manufacturing.

<sup>3</sup> This is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners should not, therefore, be accepted as representing the average wage received by full-time wage earners. In making comparisons between the figures for 1939 and those for earlier years, the likelihood that the proportion of part-time employment varied from year to year should be taken into account. Also see footnote 2, above.



# GENERAL SUMMARY

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## INDUSTRY GROUPS AND BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES—continued				COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK					Value of products <sup>4,5</sup>	Value added by manu- facture <sup>6</sup>	
Manufactur- ing—Con.											
Wages	Distribution	Construc- tion	Other	Total <sup>4</sup>	Materials and supplies	Fuel	Purchased electric energy	Contract work			
\$11,238,826	\$965,542	\$3,655	\$11,268	\$32,877,638	\$30,972,609	\$15,358	\$162,716	\$1,726,955	\$55,806,860	\$22,929,222	1
19,159,030	957,444	45,709	109,931	45,737,092	44,623,012	138,226	865,981	129,873	87,353,766	41,590,674	2
1,866,991	42,240	204,356	1,620	6,524,299	6,163,995	242,348	117,956	253,661	14,114,193	7,589,894	3
9,764,258	351,603	71,766	8,308	77,477,264	75,131,304	1,672,367	419,932		106,295,341	28,818,077	4
17,680,122	926,564	49,060	37,396	30,291,098	28,894,948	335,831	842,150	218,163	69,185,697	38,894,599	5
4,656,946	1,032,828	2,505	31,778	8,201,723	7,768,782	131,314	180,722	210,905	21,804,106	13,312,383	6
6,061,441	66,299	15,502	8,340	2,097,124	1,348,757	419,049	329,318	(7)	13,156,533	11,059,409	7
133,487,752	2,610,924	210,112	67,835	422,349,478	405,546,996	8,359,196	4,105,542	4,337,744	685,311,713	262,962,235	8
1,100,973	3,835	4,400	-----	9,615,022	9,508,924	59,045	35,381	11,672	13,122,104	3,507,082	9
36,796,518	4,371,347	35,939	155,447	112,543,601	108,132,732	330,638	696,990	3,383,241	184,222,956	71,079,355	10
5,663,036	281,351	4,148	2,228	11,927,832	11,756,977	35,809	117,293	17,753	22,457,470	10,529,638	11
7,269,148	237,678	12,313	84,795	21,419,256	20,635,625	49,957	156,251	577,423	35,672,002	14,252,746	12
247,116	315,699	-----	10,775	1,202,047	1,185,378	10,018	6,651	-----	2,951,259	1,749,212	13
12,306,077	645,250	54,102	37,928	41,856,222	39,705,426	1,025,932	743,671	381,193	75,864,616	34,003,394	14
2,744,251	565,685	-----	7,575	5,754,928	5,565,585	38,345	91,326	59,672	17,945,038	12,190,110	15

<sup>4</sup> Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

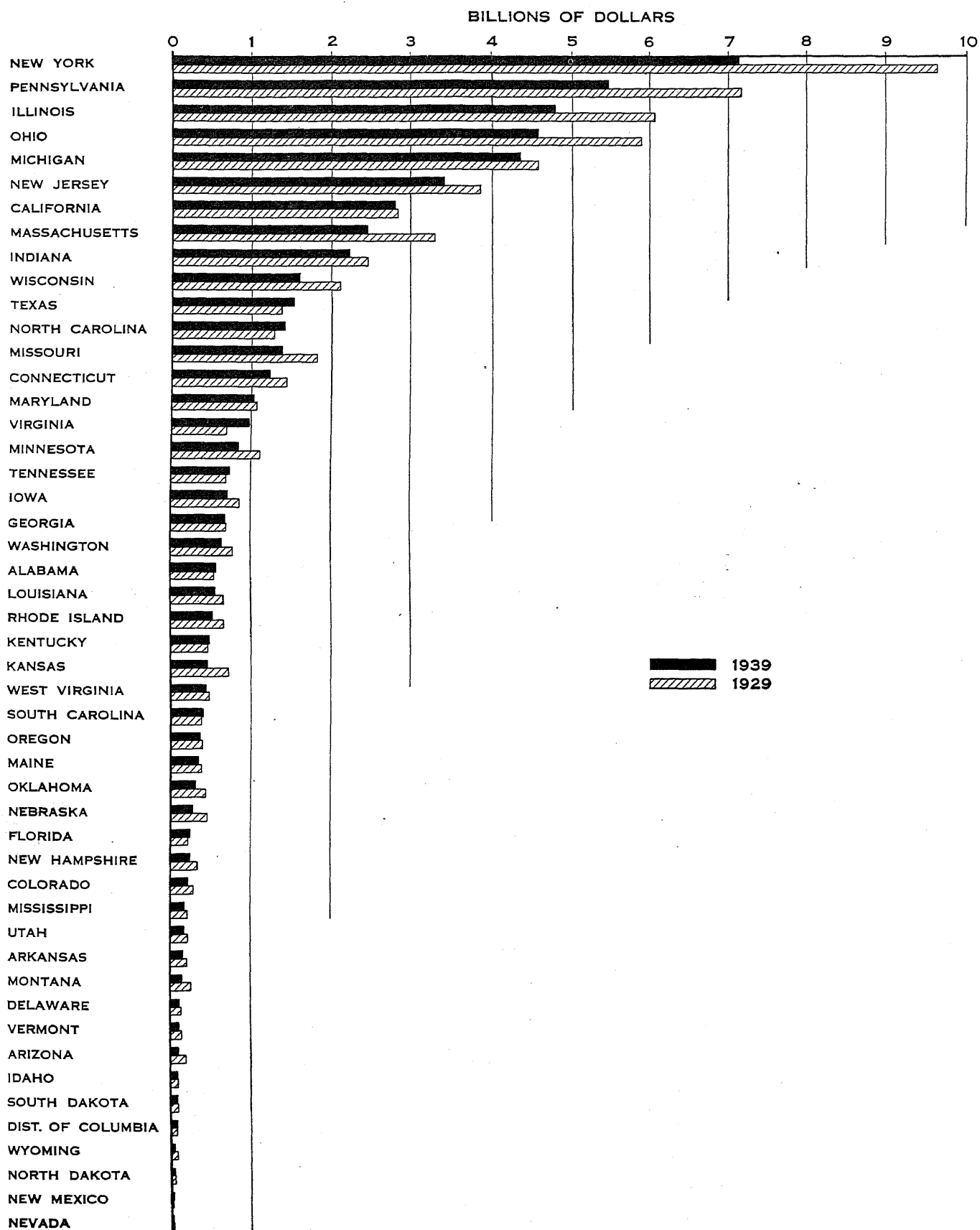
<sup>5</sup> The aggregates for cost of materials and value of products include large but indeterminable amounts of duplication due to the use of the products of some industries as material by others. This duplication occurs, as a rule, between different industries, and is not found to any great extent in individual industries; a most outstanding exception, however, is found in the "Motor vehicles, motor-vehicles bodies, parts and accessories" industry, in which there is a large amount of duplication.

<sup>6</sup> Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work.

<sup>7</sup> The columns for "Materials and supplies" and for "Contract work" for the individual industries do not add to the totals for "All industries" because for certain industries, indicated by footnote 7 in the table, the figure for "Contract work" was added to that for "Materials and supplies" to avoid disclosing data for individual establishments. Such addition for all the industries amounted to only \$1,090,733.

## CENSUS OF MANUFACTURES: 1939

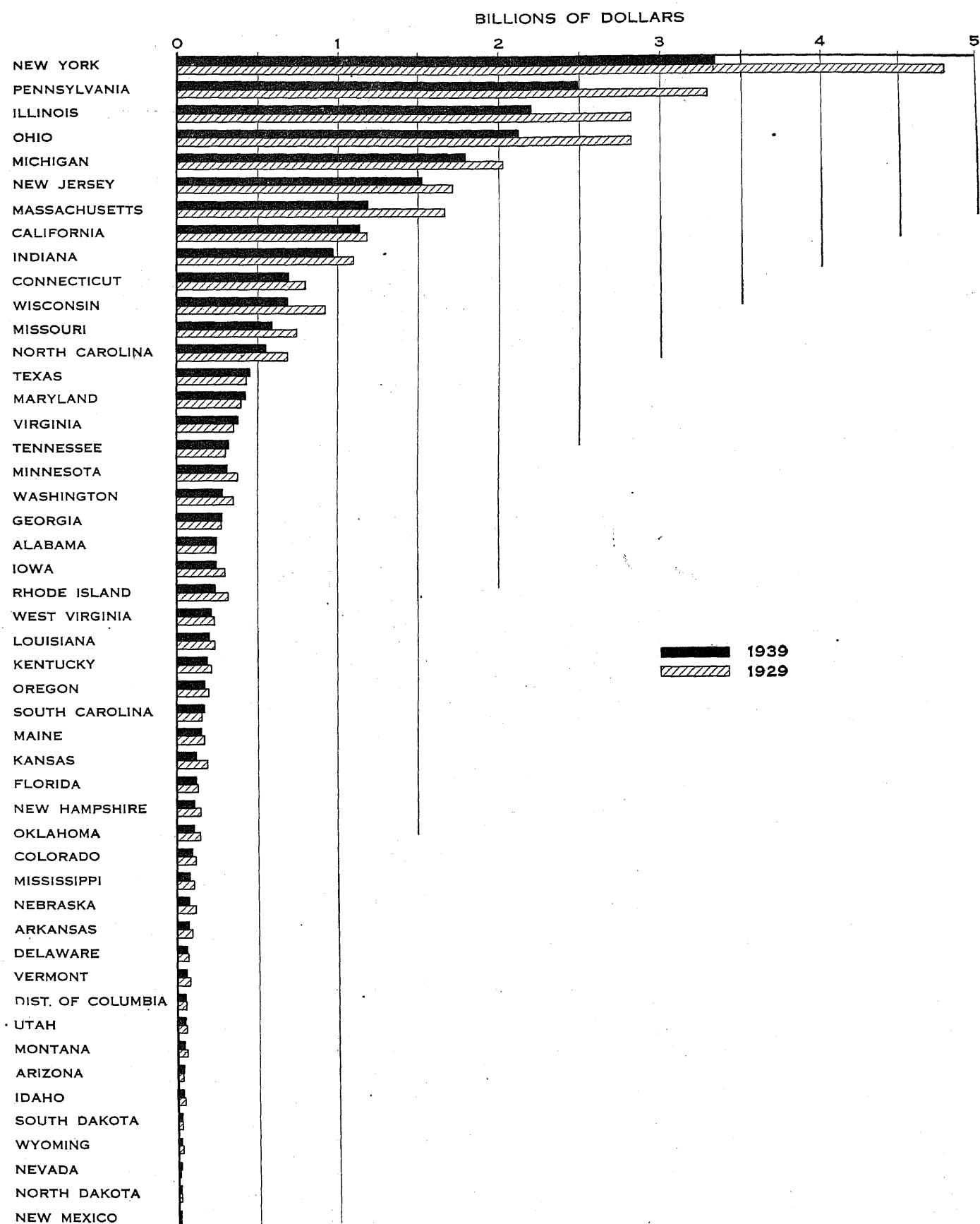
VALUE OF MANUFACTURED PRODUCTS BY STATES: 1939 AND 1929



# GENERAL SUMMARY

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VALUE ADDED BY MANUFACTURE BY STATES: 1939 AND 1929



## CENSUS OF MANUFACTURES: 1939

TABLE 6.—GENERAL STATISTICS IN DETAIL, BY GEOGRAPHIC DIVISIONS AND BY STATES: 1939

DIVISION AND STATE	Number of establishments	Proprietors and firm members	NUMBER OF PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS <sup>1 2</sup>							SALARIES AND WAGES			
			Total	Salaried officers of corporations	Manufacturing		Distribution	Construction	Other	Total <sup>4</sup>	Salaried officers of corporations	Manufacturing	
					Salaried employees	Wage earners (average for year) <sup>3</sup>						Salaries	Wages
<b>United States</b> .....	184,230	123,655	9,622,923	139,350	909,257	7,886,567	583,364	70,887	33,498	\$12,836,584,293	\$756,910,428	\$1,783,446,942	\$9,089,940,916
<b>GEOGRAPHIC DIVISIONS:</b>													
New England.....	16,136	8,820	1,128,446	14,491	105,837	953,670	45,367	6,137	2,944	1,410,745,215	86,807,077	197,531,668	1,025,006,360
Middle Atlantic.....	56,291	38,315	2,776,954	49,438	270,815	2,249,621	175,112	22,246	9,722	3,889,474,914	266,932,355	545,936,315	2,688,703,222
East North Central.....	40,415	23,978	2,711,348	34,871	285,086	2,195,479	172,456	15,417	8,039	4,117,647,272	212,573,540	591,019,160	2,950,313,390
West North Central.....	14,947	10,654	498,548	9,314	50,571	382,201	51,613	2,276	2,573	653,211,916	45,881,968	88,405,121	427,457,469
South Atlantic.....	17,317	11,444	1,121,132	11,545	69,858	986,521	42,239	8,078	2,891	1,085,048,658	55,127,822	125,587,387	826,413,040
East South Central.....	7,275	5,015	413,133	4,406	28,319	357,827	18,509	2,593	1,484	392,887,460	20,647,594	49,509,583	291,019,181
West South Central.....	10,021	7,134	335,245	5,055	31,503	262,580	27,593	6,655	1,859	367,605,931	22,130,724	56,864,820	238,264,662
Mountain.....	4,011	2,978	92,273	1,724	10,479	69,245	8,598	1,071	1,156	122,782,593	6,528,456	19,199,328	81,737,373
Pacific.....	17,817	15,317	545,839	8,506	56,789	429,423	41,877	6,414	2,830	797,180,334	40,280,892	109,393,560	561,026,219
<b>NEW ENGLAND:</b>													
Maine.....	1,210	690	83,978	762	5,577	75,656	1,494	400	80	84,834,726	3,634,289	9,957,926	68,434,288
New Hampshire.....	806	446	61,607	573	4,020	55,781	1,060	123	50	65,578,327	3,348,895	7,135,088	52,735,240
Vermont.....	717	554	25,566	372	2,387	21,759	833	161	54	29,199,244	1,842,867	4,197,946	21,232,355
Massachusetts.....	9,007	4,957	552,310	8,040	53,808	460,674	25,620	2,586	1,582	706,360,010	47,549,070	101,052,431	500,923,284
Rhode Island.....	1,460	807	122,886	1,396	10,606	106,275	3,394	658	557	141,519,439	8,785,963	105,406,960	105,406,960
Connecticut.....	2,936	1,366	282,099	3,348	29,439	233,525	12,966	2,200	621	383,253,469	21,645,993	56,044,064	276,274,243
<b>MIDDLE ATLANTIC:</b>													
New York.....	34,506	23,975	1,221,843	31,168	120,224	957,854	100,089	7,731	4,777	1,767,851,679	157,961,094	238,732,268	1,163,785,198
New Jersey.....	7,984	4,450	533,475	7,266	55,618	433,471	28,544	6,609	1,967	757,546,068	44,084,730	118,869,388	521,568,632
Pennsylvania.....	13,801	9,890	1,021,636	11,004	94,973	858,296	46,479	7,906	2,978	1,364,077,167	64,886,531	188,334,659	1,003,349,392
<b>EAST NORTH CENTRAL:</b>													
Ohio.....	10,070	5,431	735,277	9,189	78,503	598,397	43,964	3,410	1,814	1,125,369,470	58,008,523	162,741,706	812,676,444
Indiana.....	4,337	2,450	340,563	3,854	37,086	277,467	18,379	2,420	1,357	478,004,657	21,683,838	72,670,046	345,475,193
Illinois.....	12,980	7,814	759,710	11,881	80,446	596,476	63,573	5,311	2,023	1,119,244,123	73,240,521	164,974,275	750,239,085
Michigan.....	6,311	3,923	621,173	5,439	60,765	522,242	28,196	2,537	1,994	1,027,488,238	35,612,027	137,969,382	789,975,675
Wisconsin.....	6,717	4,360	254,625	4,508	28,286	200,897	18,344	1,739	851	367,540,784	24,028,631	52,663,751	251,946,993
<b>WEST NORTH CENTRAL:</b>													
Minnesota.....	4,008	3,162	104,445	2,171	10,160	79,753	11,295	464	602	145,826,234	10,582,318	17,972,788	96,886,925
Iowa.....	2,670	2,036	88,789	1,388	10,113	65,314	10,900	398	676	114,990,186	6,580,677	16,951,409	73,466,119
Missouri.....	4,796	2,773	223,467	4,187	20,088	178,538	19,237	741	676	285,490,280	22,226,593	36,710,544	190,765,851
North Dakota.....	350	257	4,125	120	678	2,637	565	30	95	5,030,390	416,133	1,016,591	2,771,468
South Dakota.....	468	359	7,485	167	1,097	5,538	610	15	58	9,235,691	603,405	1,742,241	6,035,524
Nebraska.....	1,161	903	26,739	581	3,061	18,807	3,931	173	186	34,898,295	2,474,505	5,024,996	20,623,550
Kansas.....	1,494	1,164	43,498	700	5,374	31,614	5,075	455	280	57,740,840	2,998,037	8,986,552	36,938,032
<b>SOUTH ATLANTIC:</b>													
Delaware.....	429	270	24,028	305	2,051	20,392	1,033	222	25	30,210,159	1,948,761	4,144,258	21,959,627
Maryland.....	2,893	2,271	166,931	1,926	13,600	141,643	8,191	1,161	410	210,327,330	10,825,533	25,952,412	156,782,654
District of Columbia.....	497	285	14,753	338	3,234	7,877	3,163	28	113	25,453,827	1,775,704	6,772,165	11,772,280
Virginia.....	2,579	1,674	152,255	1,612	10,325	133,894	5,339	685	400	152,591,579	7,646,749	19,696,538	115,538,581
West Virginia.....	1,130	590	88,423	715	7,343	74,989	2,158	3,007	211	114,601,536	3,438,319	15,161,181	88,487,433
North Carolina.....	3,225	2,022	294,314	2,557	12,910	270,207	7,122	936	582	246,834,206	12,481,235	21,788,699	199,289,500
South Carolina.....	1,331	776	136,713	957	5,239	126,983	2,614	687	233	103,572,611	4,300,571	8,901,948	86,616,242
Georgia.....	3,150	2,221	179,161	1,947	10,414	157,804	7,627	811	558	144,546,175	8,142,881	15,962,137	108,083,478
Florida.....	2,083	1,335	64,554	1,188	4,742	52,732	4,992	541	359	56,911,235	4,568,069	7,208,049	37,883,204
<b>EAST SOUTH CENTRAL:</b>													
Kentucky.....	1,640	1,035	76,887	1,333	6,591	62,794	5,335	487	347	89,452,058	6,432,315	11,585,354	61,902,354
Tennessee.....	2,289	1,462	153,166	1,645	10,801	131,874	7,128	1,297	421	150,670,561	8,388,027	19,435,704	109,661,769
Alabama.....	2,052	1,542	130,492	860	7,840	116,800	3,888	543	561	115,854,134	3,745,346	13,923,873	92,017,970
Mississippi.....	1,294	976	52,593	568	3,087	46,359	2,158	266	155	36,910,707	2,081,906	4,564,652	27,437,088
<b>WEST SOUTH CENTRAL:</b>													
Arkansas.....	1,178	930	41,857	474	2,706	36,256	2,013	308	100	33,865,222	2,041,708	4,168,537	24,577,234
Louisiana.....	1,861	1,092	88,723	1,177	7,259	71,218	5,589	2,833	647	86,260,028	5,411,798	12,631,441	55,083,540
Oklahoma.....	1,606	1,122	38,227	752	4,662	28,114	4,260	260	179	47,970,108	3,243,023	7,836,476	30,465,185
Texas.....	5,376	3,990	166,438	2,652	16,876	126,992	15,731	3,254	933	199,510,575	11,434,195	32,228,366	128,138,703
<b>MOUNTAIN:</b>													
Montana.....	585	469	12,440	212	1,515	9,171	946	183	413	17,951,505	776,654	2,907,159	12,148,428
Idaho.....	549	426	12,936	190	1,165	10,877	561	118	25	16,314,412	605,842	2,006,670	12,754,127
Wyoming.....	310	229	4,591	113	679	3,484	273	29	13	6,847,867	396,136	1,284,335	4,757,094
Colorado.....	1,298	921	32,690	633	3,544	23,719	4,107	496	191	44,508,456	2,545,259	6,566,072	28,391,933
New Mexico.....	272	266	4,147	86	436	3,250	340	22	13	4,236,690	295,059	632,329	2,912,993
Arizona.....	332	248	8,255	133	977	6,096	883	60	106	11,317,207	652,757	1,959,272	7,162,639
Utah.....	560	341	15,656	326	1,960	11,555	1,314	148	353	19,122,011	1,156,733	3,434,612	11,967,762
Nevada.....	105	78	1,558	31	203	1,093	174	15	42	2,484,445	100,016	408,879	1,642,397
<b>PACIFIC:</b>													
Washington.....	3,240	2,263	108,834	1,886	8,926	90,324	5,546	1,580	572	155,878,058	7,707,262	17,378,469	118,326,333
Oregon.....	2,248	1,870	74,396	1,165	5,091	63,622	3,176	1,013	329	98,065,059	4,510,194	9,224,951	77,585,546
California.....	12,329	11,184	362,609	5,455	42,772	275,477	33,155	3,821	1,929	543,237,217	28,063,436	82,790,140	365,114,340

<sup>1</sup> No data for employees of central-administrative offices are included.<sup>2</sup> The 1939 Census of Manufactures questionnaire, for the first time, called for personnel employed in distribution, construction, etc., separately from the manufacturing employees of the plants, and therefore the data for earlier years probably are not strictly comparable with those for 1939. It is not known how many of the wage earners and the salaried employees reported at previous censuses were engaged in distribution and construction and how many were engaged in manufacturing.<sup>3</sup> This is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners

# GENERAL SUMMARY

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TABLE 6.—GENERAL STATISTICS IN DETAIL, BY GEOGRAPHIC DIVISIONS AND BY STATES: 1939—Continued

DIVISION AND STATE	SALARIES AND WAGES—continued			COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK					Value of products <sup>1</sup>	Value added by manu- facture <sup>2</sup>
	Distribution	Construc- tion	Other	Total <sup>3</sup>	Materials and supplies	Fuel	Purchased electric energy	Contract work		
<b>United States.....</b>	<b>\$1,052,755,302</b>	<b>\$107,557,384</b>	<b>\$45,973,321</b>	<b>\$32,160,106,681</b>	<b>\$30,254,960,667</b>	<b>\$850,463,848</b>	<b>\$465,426,583</b>	<b>\$589,255,583</b>	<b>\$56,843,021,800</b>	<b>\$24,682,918,119</b>
<b>GEOGRAPHIC DIVISIONS:</b>										
New England.....	87,850,665	9,450,755	4,098,690	2,463,19,806	2,318,444,766	59,434,349	45,674,789	39,765,902	4,891,666,268	2,428,346,462
Middle Atlantic.....	335,383,692	38,129,708	14,389,622	8,684,135,574	7,969,293,883	252,449,537	128,849,769	333,542,385	16,039,272,817	7,355,137,243
East North Central.....	328,101,558	23,743,740	11,895,884	9,777,614,409	9,219,617,739	304,361,219	127,033,605	126,601,846	17,559,905,003	7,782,290,594
West North Central.....	84,851,912	3,326,763	3,288,633	2,452,694,136	2,376,644,676	36,715,393	25,619,387	13,714,680	3,815,176,638	1,362,482,502
South Atlantic.....	65,386,983	9,434,912	3,098,514	3,156,673,197	3,001,948,677	73,578,836	54,936,064	26,209,620	5,390,420,291	2,233,747,094
East South Central.....	27,250,009	2,988,269	1,472,824	1,130,137,222	1,059,596,036	37,458,217	25,756,584	7,326,385	1,958,725,580	828,588,358
West South Central.....	39,020,428	9,216,401	2,108,896	1,744,121,604	1,684,108,807	33,707,038	19,951,425	6,354,334	2,567,821,432	823,699,828
Mountain.....	12,396,933	1,514,622	1,405,881	545,186,559	514,547,651	18,389,414	8,097,129	4,152,365	819,833,003	274,640,444
Pacific.....	72,513,122	9,752,214	4,214,327	2,206,224,174	2,110,768,432	34,369,845	29,507,831	31,588,066	3,800,203,768	1,593,979,594
<b>NEW ENGLAND:</b>										
Maine.....	2,284,313	444,537	79,373	192,945,181	180,899,745	7,026,871	4,232,721	785,844	345,368,595	152,423,414
New Hampshire.....	2,124,835	177,537	56,732	132,208,206	125,242,960	3,785,852	2,221,240	958,154	237,396,015	105,187,809
Vermont.....	1,618,805	242,125	65,146	51,213,722	47,713,937	1,483,073	1,467,086	549,626	103,154,801	51,940,579
Massachusetts.....	50,550,266	4,095,866	2,189,093	1,271,451,635	1,197,485,016	27,825,411	22,163,446	23,977,762	2,459,771,043	1,188,319,408
Rhode Island.....	6,468,511	994,009	719,793	278,101,981	265,051,008	5,459,338	5,371,456	2,220,179	516,890,541	238,288,560
Connecticut.....	24,803,935	3,496,681	988,553	537,399,081	502,052,100	13,853,804	10,218,840	11,274,337	1,229,585,773	692,186,692
<b>MIDDLE ATLANTIC:</b>										
New York.....	187,845,078	12,559,158	6,968,883	3,792,505,388	3,387,605,686	68,688,521	57,615,394	278,595,787	7,134,400,147	3,341,894,759
New Jersey.....	56,957,269	12,987,755	3,078,294	1,904,833,634	1,824,370,740	41,544,623	22,206,622	16,711,643	3,428,917,188	1,524,113,554
Pennsylvania.....	90,581,345	12,582,795	4,342,445	2,986,796,552	2,767,317,451	142,216,393	49,027,753	38,234,955	5,475,925,482	2,489,128,930
<b>EAST NORTH CENTRAL:</b>										
Ohio.....	84,109,514	5,416,991	2,416,292	2,459,191,656	2,295,273,491	107,662,584	38,068,138	18,187,443	4,584,665,659	2,125,474,003
Indiana.....	32,343,949	3,433,018	2,398,613	1,257,436,214	1,177,875,971	58,189,015	17,237,471	4,133,757	2,227,648,011	970,211,797
Illinois.....	119,820,054	8,381,740	2,588,448	2,593,265,567	2,457,925,132	63,431,740	31,001,661	40,907,034	4,794,860,733	2,201,595,166
Michigan.....	56,760,910	3,933,542	3,236,702	2,549,818,942	2,408,803,162	54,152,489	29,185,851	57,677,440	4,348,223,244	1,798,404,302
Wisconsin.....	35,067,131	2,578,449	1,255,829	917,902,030	879,739,983	20,925,391	11,540,484	5,696,172	1,604,507,356	686,605,326
<b>WEST NORTH CENTRAL:</b>										
Minnesota.....	18,833,613	596,979	953,611	535,143,118	516,045,238	10,525,802	5,637,310	2,034,768	845,771,514	310,628,396
Iowa.....	16,640,159	547,146	804,676	473,736,522	459,732,472	6,824,085	5,034,552	2,145,413	718,531,801	244,795,279
Missouri.....	33,898,757	1,114,721	803,814	800,094,538	773,471,316	10,448,630	9,276,964	6,897,628	1,388,056,267	587,961,729
North Dakota.....	693,632	21,414	111,152	32,664,884	31,977,692	388,777	273,514	24,901	43,767,082	11,102,198
South Dakota.....	771,665	20,272	62,584	61,216,830	60,018,491	620,099	466,690	111,550	81,171,887	19,955,057
Nebraska.....	6,134,832	397,670	242,442	204,437,208	199,806,258	2,240,541	1,804,077	586,332	273,524,581	69,087,373
Kansas.....	7,879,254	628,561	310,401	345,401,036	335,593,209	5,667,459	3,126,280	1,014,088	464,353,506	118,952,470
<b>SOUTH ATLANTIC:</b>										
Delaware.....	1,871,993	231,972	53,548	59,570,473	55,485,729	2,590,467	1,146,534	347,743	114,753,652	55,183,179
Maryland.....	14,722,252	1,551,958	492,521	604,504,715	569,274,244	20,497,152	8,035,793	9,697,526	1,027,354,074	422,849,359
District of Columbia.....	4,897,967	49,041	186,670	35,558,454	29,008,076	542,387	542,515	5,465,476	79,875,299	44,816,845
Virginia.....	8,434,908	853,670	421,092	609,325,191	590,635,498	11,074,573	6,101,313	1,513,807	988,813,246	379,488,055
West Virginia.....	3,374,444	3,814,695	325,464	227,061,641	204,263,177	17,074,476	4,668,234	1,025,764	441,840,388	214,778,747
North Carolina.....	11,432,445	1,194,862	647,465	875,377,289	848,938,004	7,766,078	14,332,453	4,340,754	1,421,329,578	545,952,289
South Carolina.....	2,963,301	560,870	229,679	227,666,244	212,960,067	5,704,252	8,197,338	804,587	397,512,863	169,846,619
Georgia.....	11,215,598	741,460	400,621	394,086,519	377,010,078	5,486,777	9,581,510	2,008,154	677,402,657	283,316,138
Florida.....	6,474,075	436,384	341,454	123,522,671	117,373,804	2,842,674	2,300,374	1,005,819	241,538,534	118,015,863
<b>EAST SOUTH CENTRAL:</b>										
Kentucky.....	8,552,510	631,614	347,911	293,629,345	282,249,949	6,843,554	3,226,734	1,309,108	481,029,771	187,400,426
Tennessee.....	11,295,049	1,379,035	510,977	407,745,923	384,872,373	8,114,866	11,018,770	3,739,914	728,087,825	320,341,902
Alabama.....	5,029,470	696,063	441,412	327,287,079	295,904,175	20,454,685	9,542,071	1,386,148	574,670,690	247,383,611
Mississippi.....	2,372,980	281,557	172,524	101,474,875	96,569,539	2,045,112	1,969,009	891,215	174,937,294	73,462,419
<b>WEST SOUTH CENTRAL:</b>										
Arkansas.....	2,558,928	394,463	124,352	92,776,835	87,309,584	2,016,579	2,076,666	1,374,006	160,166,984	67,390,149
Louisiana.....	7,987,476	4,294,221	851,552	365,179,436	349,670,615	9,526,459	4,753,615	1,228,747	565,265,273	200,085,837
Oklahoma.....	5,948,427	291,006	185,989	209,050,080	201,082,131	4,859,541	2,496,604	611,804	312,168,499	103,118,419
Texas.....	22,525,597	4,236,711	947,003	1,077,115,253	1,046,046,477	17,304,459	10,624,540	3,139,777	1,530,220,676	453,105,423
<b>MOUNTAIN:</b>										
Montana.....	1,403,294	270,868	445,102	112,094,844	106,904,378	2,411,058	2,396,926	382,482	151,885,025	39,790,182
Idaho.....	698,048	158,330	91,395	58,704,943	55,246,793	1,329,052	950,729	1,178,369	90,475,147	31,770,204
Wyoming.....	336,117	37,747	36,438	29,793,628	27,936,277	1,292,043	480,833	84,475	45,423,103	15,629,475
Colorado.....	6,088,374	619,420	297,398	130,386,505	121,497,123	6,721,673	1,534,341	633,368	221,642,666	91,256,161
New Mexico.....	357,384	28,062	10,863	10,411,877	15,178,253	596,613	234,023	402,988	25,123,641	8,711,764
Arizona.....	1,268,003	112,662	161,874	65,488,191	61,657,357	2,250,473	1,147,261	433,100	97,529,481	32,041,290
Utah.....	1,968,994	265,549	328,361	123,452,364	119,063,018	3,038,852	1,140,373	210,121	167,172,226	43,719,862
Nevada.....	276,719	21,984	34,450	8,854,207	7,064,452	749,650	212,643	827,462	20,581,713	11,727,506
<b>PACIFIC:</b>										
Washington.....	9,346,392	2,216,891	902,711	350,002,546	329,882,548	7,926,348	6,396,052	5,797,598	636,649,809	286,647,263
Oregon.....	5,139,646	1,214,788	389,934	193,199,692	176,416,716	3,325,758	3,573,413	9,883,805	365,374,436	172,174,744
California.....	58,027,084	6,320,535	2,921,682	1,663,021,936	1,604,459,168	23,117,739	10,538,366	15,906,663	2,798,179,523	1,135,157,587

should not, therefore, be accepted as representing the average wage received by full-time wage earners. In making comparisons between the figures for 1939 and those for earlier years, the likelihood that the proportion of part-time employment varied from year to year should be taken into account. Also see footnote 2, above.

<sup>1</sup> Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

<sup>2</sup> The aggregates for cost of materials and value of products include large but indeterminable amounts of duplication due to the use of the products of some industries as material by others. This duplication occurs, as a rule, between different industries, and is not found to any great extent in individual industries.

<sup>3</sup> Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work.