

Chapter II.—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

19

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 |
| Salaried officers and employees ¹ | 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 | 20,916,767 | 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 | 111,499,641 |
| Value added by manufacture..... | 24,794,389,255 | 24,682,918,119 | 111,471,136 | 17,898,679 | 58,353,589 | 35,218,858 |

¹ Establishments that made products to the value of \$2,000 or more.² 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 ¹ | Value of products ¹ | Value added by manufacture ² |
|--|--------------------------|-------------------------------------|------------------|--|--------------------------------|---|
| FACTORIES AND HAND AND NEIGHBORHOOD INDUSTRIES | | | | | | |
| 1849 ³ | 123,025 | 957,059 | \$236,755,464 | \$555,123,882 | \$1,019,106,616 | \$463,982,734 |
| 1859 ⁴ | 140,433 | 1,311,246 | \$378,878,966 | \$1,031,605,092 | \$1,585,861,676 | \$854,250,564 |
| Percent of increase, 1849 to 1859..... | 14.1 | 37.0 | 60.0 | 85.8 | 85.1 | 84.1 |
| 1869 ⁵ | 202,148 | 2,053,998 | \$620,467,474 | \$1,990,741,794 | \$3,385,860,354 | \$1,395,118,560 |
| Percent of increase, 1859 to 1869..... | 79.6 | 56.6 | 63.8 | 93.0 | 79.5 | 63.3 |
| 1879 ⁶ | 263,582 | 2,732,595 | \$947,963,795 | \$3,396,823,549 | \$5,369,679,191 | \$1,972,755,642 |
| Percent of increase, 1869 to 1879..... | 30.7 | 33.0 | 52.8 | 70.6 | 58.6 | 41.4 |
| 1889 ⁷ | 355,405 | 4,251,535 | \$1,891,219,696 | \$5,162,013,578 | \$9,372,378,843 | \$4,210,364,965 |
| Percent of increase, 1879 to 1889..... | 40.0 | 55.6 | 99.5 | 52.0 | 74.5 | 113.4 |
| FACTORIES, EXCLUDING HAND AND NEIGHBORHOOD INDUSTRIES ⁸ | | | | | | |
| 1899 ⁹ | 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 ¹⁰ | 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 ¹¹ | 264,826 | 6,262,242 | \$3,205,547,695 | \$11,783,160,669 | \$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 ¹² | 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 | 18.2 |
| 1919 ¹³ | 210,268 | 8,423,964 | \$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 | 162.3 | 160.2 | 156.9 |
| 1921 ¹⁴ | 192,059 | 6,475,474 | \$7,451,299,132 | \$34,397,078,171 | \$41,649,882,884 | \$17,282,774,713 |
| Percent of decrease (—), 1919 to 1921..... | —8.7 | —23.1 | —22.5 | —32.7 | —30.5 | —27.3 |
| 1923 ¹⁵ | 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..... | (*) | 26.5 | 36.2 | 37.8 | 39.7 | 42.4 |
| 1925 ¹⁶ | 183,877 | 7,871,409 | \$9,979,649,153 | \$35,141,601,111 | \$60,809,224,803 | \$25,667,623,692 |
| Percent of increase or decrease (—), 1923 to 1925..... | —4.3 | —3.9 | —1.7 | 4.6 | 4.5 | 4.5 |
| 1927 ¹⁷ | 187,629 | 7,848,070 | \$10,099,465,140 | \$34,010,074,864 | \$80,335,468,901 | \$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 ¹⁸ | 206,683 | 8,369,705 | \$10,884,919,296 | \$37,402,605,796 | \$67,994,040,824 | \$30,591,435,023 |
| Percent of increase, 1927 to 1929..... | 10.1 | 6.6 | 7.8 | 10.0 | 12.7 | 16.2 |
| 1931 ¹⁹ | 171,450 | 6,163,144 | \$6,688,541,286 | \$21,279,356,201 | \$39,829,887,896 | \$18,600,531,695 |
| Percent of decrease (—), 1929 to 1931..... | —17.0 | —24.4 | —38.6 | —43.2 | —41.4 | —39.2 |
| 1933 ²⁰ | 139,325 | 5,787,611 | \$4,940,146,002 | \$16,549,783,096 | \$30,557,328,149 | \$14,007,540,053 |
| Percent of decrease (—), 1931 to 1933..... | —18.7 | —6.1 | —26.1 | —22.0 | —23.3 | —24.7 |
| 1935 ²¹ | 167,916 | 7,203,794 | \$7,311,229,029 | \$36,441,145,271 | \$44,993,098,573 | \$18,552,553,802 |
| Percent of increase, 1933 to 1935..... | 20.6 | 24.5 | 45.0 | 69.8 | 47.2 | 32.4 |
| 1937 ²² | 164,794 | 8,696,251 | \$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 | 18.0 | 38.3 | 34.4 | 34.0 | 35.7 |
| 1939 ²³ | 184,230 | 7,586,867 | \$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 |

¹ See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.² Value of products less cost of materials, supplies, fuel, and purchased energy. See GENERAL EXPLANATIONS—Value added by manufacture.³ For all establishments having products valued at \$500 or more. See GENERAL EXPLANATIONS—Establishments covered—minimum size limit.⁴ Reduced to gold basis.⁵ 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.⁶ For all establishments having products valued at \$5,000 or more. See GENERAL EXPLANATIONS—Establishments covered—minimum size limit.⁷ 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.⁸ Less than one-tenth of 1 percent.⁹ Includes cost of contract work.¹⁰ 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 | Popu- lation | Wage earners | Production ¹ (quantity) | Production per wage earner | CENSUS YEAR | Popu- lation | Wage earners | Production ¹ (quantity) | Production per wage earner |
|-------------|-----------------|-----------------|---------------------------------------|----------------------------------|-------------|-----------------|-----------------|---------------------------------------|----------------------------------|
| 1899 | 100 | 100 | 100 | 100 | 1927 | 158 | 178 | 317 | 178 |
| 1904 | 118 | 115 | 124 | 108 | 1929 | 162 | 190 | 364 | 192 |
| 1909 | 121 | 139 | 138 | 114 | 1931 | 166 | 140 | 262 | 187 |
| 1914 | 131 | 147 | 186 | 127 | 1933 | 168 | 131 | 228 | 174 |
| 1919 | 140 | 191 | 223 | 116 | 1935 | 170 | 163 | 301 | 185 |
| 1921 | 145 | 147 | 194 | 132 | 1937 | 172 | 194 | 376 | 194 |
| 1923 | 149 | 193 | 280 | 151 | 1939 | 175 | 187 | 373 | 199 |
| 1925 | 154 | 178 | 298 | 167 | | | | | |

¹ 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.² 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 1929-1939 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 | 184,299 | 123,655 | 1,048,607 | 7,886,567 | 21,239,195 | 29,213,085 |
| 1907 | 169,794 | 99,298 | 1,217,171 | 8,599,231 | (1) | (1) |
| 1909 | 167,916 | 81,521 | 1,658,501 | 7,203,794 | (2) | (2) |
| 1919 | 139,325 | 72,267 | 1,770,314 | 5,787,611 | (1) | (1) |
| 1921 | 171,489 | (4) | (4) | 6,163,144 | (1) | (1) |
| 1929 | 206,608 | 132,686 | 1,290,937 | 8,369,705 | 19,328,309 | 21,793,762 |
| 1927 | 187,629 | 132,151 | 1,223,932 | 7,848,070 | 18,901,517 | 18,224,432 |
| 1925 | 183,877 | 132,971 | 1,186,362 | 7,871,409 | 19,243,158 | 15,116,326 |
| 1923 | 192,696 | 137,958 | 1,280,488 | 8,194,170 | (1) | (1) |
| 1921 | 192,659 | 172,291 | 1,081,890 | 6,475,474 | (1) | (1) |
| 1919 | 210,268 | 249,081 | 1,371,888 | 8,423,964 | 19,432,157 | 8,965,406 |
| 1914 | 173,375 | 258,560 | 911,809 | 6,475,567 | 17,837,509 | 3,707,414 |
| 1909 | 264,826 | 272,426 | 750,537 | 6,262,242 | 16,393,467 | 1,660,220 |
| 1904 | 213,444 | 225,115 | 493,297 | 5,181,600 | 12,604,674 | 427,749 |
| 1899 | 204,750 | (6) | 348,109 | 4,591,919 | 9,633,215 | 178,176 |

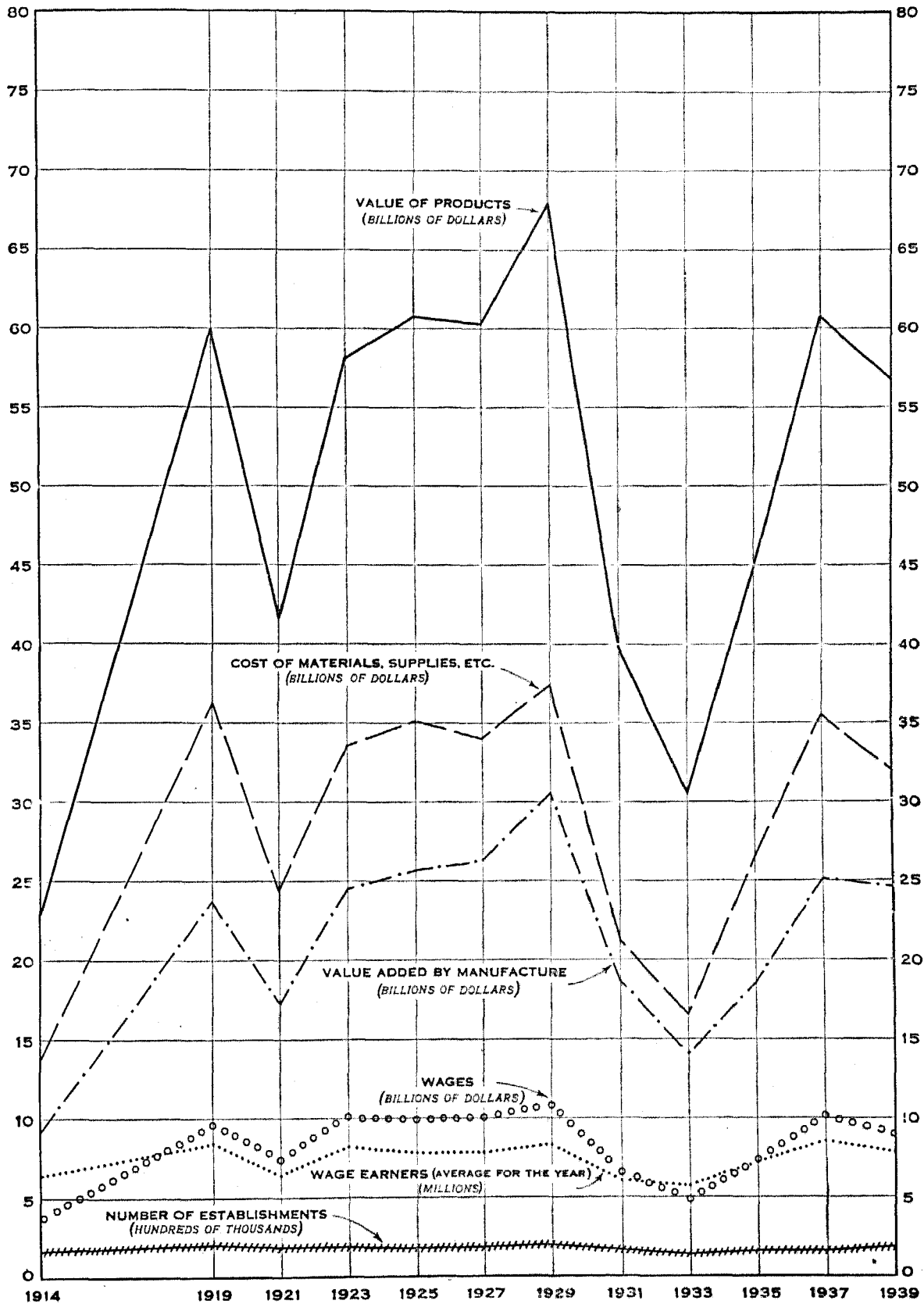
| YEAR OR PERIOD | SALARIES AND WAGES | | | Cost of materials, supplies, fuel, and purchased electric energy | Value of products | Value added by manufacture |
|----------------|--------------------|-----------------|-----------------|---|----------------------|-------------------------------|
| | Total | Salaries | Wages | | | |
| 1899 | \$11,630,298,286 | \$2,540,357,379 | \$9,089,940,916 | \$32,160,106,081 | \$56,843,024,800 | \$24,682,918,119 |
| 1907 | 12,829,748,927 | 2,716,860,216 | 10,112,888,711 | 35,599,332,824 | 60,712,871,737 | 25,178,538,913 |
| 1909 | 9,564,733,908 | 2,253,424,877 | 7,311,309,029 | 26,441,145,271 | 44,903,698,573 | 18,552,553,302 |
| 1919 | 6,297,830,399 | 1,297,654,397 | 4,940,146,002 | 16,549,788,096 | 30,537,328,149 | 14,067,540,053 |
| 1921 | (4) | (4) | 6,688,541,286 | 21,229,356,201 | 39,829,887,896 | 18,000,531,696 |
| 1929 | 14,284,282,615 | 3,369,362,719 | 10,914,919,896 | 37,402,605,796 | 67,994,040,824 | 30,591,435,028 |
| 1927 | 13,123,134,828 | 3,023,669,098 | 10,099,465,730 | 34,010,074,864 | 60,335,468,901 | 26,325,394,037 |
| 1925 | 12,732,103,745 | 2,782,544,592 | 9,949,559,153 | 35,141,601,111 | 60,809,224,803 | 25,667,023,692 |
| 1923 | 12,996,439,891 | 2,947,836,622 | 10,148,603,269 | 33,611,809,366 | 58,181,296,391 | 24,569,457,025 |
| 1921 | 9,879,198,376 | 2,418,899,644 | 7,451,298,732 | 24,397,078,171 | 41,649,852,884 | 17,252,774,713 |
| 1919 | 12,373,906,990 | 2,762,905,098 | 9,611,001,702 | 36,229,015,070 | 59,964,026,770 | 23,735,011,700 |
| 1914 | 4,593,194,236 | 1,221,655,398 | 3,371,538,838 | 13,811,422,399 | 23,049,632,203 | 9,288,209,804 |
| 1909 | 4,106,291,312 | 900,653,417 | 3,205,637,895 | 11,783,160,069 | 19,945,249,356 | 8,162,080,287 |
| 1904 | 2,990,624,296 | 550,073,055 | 2,440,551,241 | 8,233,790,346 | 14,252,961,195 | 6,019,170,849 |
| 1899 | 2,205,653,748 | 366,080,090 | 1,839,573,748 | 6,385,969,992 | 11,032,050,872 | 4,646,980,880 |

¹ Not called for an schedule.² Figures not available.³ Not including data for salaried officers of corporations and their salaries and therefore not strictly comparable with figures for other years.⁴ No data.⁵ 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.⁶ No comparable data.

GENERAL SUMMARY

21

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 ^{1,2} | | | | | | | SALARIES AND WAGES | | |
|-----------|---|--------------------------|------------------------------|---|-----------------------------------|--------------------|--|--------------|--------------|--------|--------------------|-----------------------------------|----------------------------|
| | | | | Total | Salaried officers of corporations | Manufacturing | | Distribution | Construction | Other | Total ⁴ | Salaried officers of corporations | Manufacturing ⁷ |
| | | | | | | Salaried employees | Wage earners (average for year) ³ | | | | | | Salaries |
| 1 | All industries, total | 184,280 | 123,655 | 9,622,923 | 139,350 | 909,287 | 7,886,567 | 583,364 | 70,887 | 33,498 | \$12,836,581,293 | \$756,910,428 | \$1,783,446,942 |
| GROUP | | | | | | | | | | | | | |
| 2 | Food and kindred products | 51,448 | 40,837 | 1,122,025 | 20,645 | 92,528 | 823,688 | 173,885 | 8,026 | 13,248 | 1,465,558,100 | 97,839,198 | 104,114,322 |
| 3 | Tobacco manufactures | 765 | 604 | 96,685 | 412 | 4,345 | 87,325 | 3,161 | 148 | 504 | 86,772,449 | 2,087,460 | 8,668,288 |
| 4 | Textile-mill products and other fiber manufactures | 6,444 | 2,324 | 1,365,481 | 8,111 | 54,373 | 1,062,602 | 14,805 | 1,771 | 1,589 | 1,095,020,063 | 50,792,248 | 100,533,176 |
| 5 | Apparel and other finished products made from fabrics and similar materials | 20,206 | 10,888 | 849,404 | 15,572 | 37,140 | 781,377 | 42,720 | 443 | 2,212 | 861,294,405 | 71,709,729 | 58,892,060 |
| 6 | Lumber and timber base products | 11,820 | 10,060 | 398,575 | 4,660 | 10,956 | 360,613 | 8,962 | 3,009 | 1,285 | 360,672,829 | 18,399,732 | 33,198,489 |
| 7 | Furniture and finished lumber products | 9,437 | 5,330 | 344,956 | 7,301 | 24,804 | 293,570 | 17,558 | 710 | 813 | 382,166,885 | 32,576,230 | 40,719,727 |
| 8 | Paper and allied products | 3,279 | 839 | 310,121 | 4,225 | 26,940 | 284,716 | 14,868 | 4,933 | 599 | 424,797,264 | 29,708,469 | 55,107,927 |
| 9 | Printing, publishing, and allied industries | 24,878 | 18,147 | 552,305 | 18,937 | 124,000 | 324,535 | 84,108 | 749 | 116 | 977,702,397 | 99,716,764 | 231,852,004 |
| 10 | Chemicals and allied products | 9,263 | 3,338 | 464,249 | 8,204 | 54,906 | 287,136 | 40,614 | 11,131 | 2,254 | 621,089,368 | 43,373,430 | 116,769,114 |
| 11 | Products of petroleum and coal | 983 | 102 | 139,654 | 501 | 17,986 | 165,428 | 4,034 | 10,851 | 814 | 250,131,477 | 3,475,840 | 44,617,456 |
| 12 | Rubber products | 595 | 161 | 149,758 | 902 | 17,734 | 130,740 | 8,566 | 1,552 | 242 | 229,922,132 | 7,131,196 | 37,805,643 |
| 13 | Leather and leather products | 3,685 | 1,746 | 359,658 | 3,982 | 19,892 | 337,663 | 7,864 | 374 | 83 | 366,373,544 | 22,086,217 | 33,150,557 |
| 14 | Stone, clay, and glass products | 7,024 | 3,816 | 337,894 | 3,467 | 27,432 | 297,522 | 13,318 | 3,468 | 707 | 440,280,138 | 24,777,352 | 53,921,014 |
| 15 | Iron and steel and their products, except machinery | 8,994 | 3,486 | 1,127,413 | 11,019 | 105,267 | 986,367 | 33,145 | 9,593 | 1,183 | 1,695,240,869 | 73,892,578 | 223,594,105 |
| 16 | Nonferrous metals and their products | 5,690 | 3,889 | 282,228 | 4,970 | 28,636 | 229,753 | 14,690 | 3,479 | 2,154 | 422,043,616 | 27,995,301 | 58,077,808 |
| 17 | Electrical machinery | 2,914 | 640 | 333,246 | 2,730 | 34,709 | 296,467 | 17,973 | 2,169 | 1,171 | 519,867,970 | 20,452,662 | 119,162,064 |
| 18 | Machinery (except electrical) | 9,536 | 4,911 | 680,297 | 11,287 | 95,376 | 522,960 | 44,140 | 3,340 | 3,174 | 1,109,837,923 | 71,947,140 | 186,320,250 |
| 19 | Automobiles and automobile equipment | 1,123 | 564 | 460,419 | 1,327 | 44,864 | 398,963 | 14,143 | 307 | 795 | 793,484,209 | 10,471,423 | 104,736,614 |
| 20 | Transportation equipment, except automobiles | 983 | 405 | 180,668 | 1,113 | 27,608 | 157,097 | 2,719 | 795 | 246 | 309,843,437 | 7,527,861 | 56,124,162 |
| 21 | Miscellaneous industries | 7,639 | 5,426 | 303,132 | 6,771 | 30,871 | 233,827 | 22,889 | 3,469 | 305 | 397,465,170 | 35,369,592 | 56,583,162 |
| INDUSTRY | | | | | | | | | | | | | |
| 22 | Abrasive wheels, stones, paper, cloth, and related products | 124 | 31 | 11,321 | 265 | 1,646 | 7,734 | 1,129 | 302 | 224 | 20,490,903 | 1,744,543 | 3,699,072 |
| 23 | Agricultural machinery (except tractors) | 317 | 132 | 34,898 | 410 | 5,176 | 27,806 | 1,345 | 82 | 79 | 48,806,691 | 1,878,531 | 9,167,866 |
| 24 | Aircraft and parts, including aircraft engines | 125 | 36 | 63,994 | 348 | 13,423 | 48,638 | 1,172 | 282 | 131 | 108,283,547 | 2,787,899 | 25,188,704 |
| 25 | Alloying and rolling and drawing of nonferrous metals, except aluminum | 183 | 28 | 47,270 | 244 | 5,119 | 38,816 | 1,540 | 1,441 | 110 | 75,590,912 | 2,089,616 | 11,145,685 |
| 26 | Aluminum products (including rolling and drawing and extruding), not elsewhere classified | 362 | 108 | 21,157 | 119 | 2,805 | 17,249 | 247 | 603 | 75 | 33,596,933 | 750,730 | 5,726,166 |
| 27 | Aluminum ware, kitchen, hospital, and household (except electrical appliances) | 32 | 9 | 8,235 | 57 | 831 | 6,297 | 1,026 | 4 | 38 | 12,350,800 | 569,051 | 1,623,889 |
| 28 | Ammunition | 13 | 2 | 3,247 | 15 | 672 | 4,264 | 264 | 20 | 12 | 6,944,595 | 125,593 | 1,269,465 |
| 29 | Artificial leather and cloth | 34 | 6 | 5,629 | 62 | 572 | 3,978 | 375 | 38 | 6 | 8,094,782 | 475,819 | 1,197,773 |
| 30 | Artists' materials | 43 | 29 | 614 | 31 | 106 | 397 | 80 | | | 910,800 | 141,807 | 179,818 |
| 31 | Asbestos products (except steam packing and pipe and boiler coverings) | 79 | 12 | 12,216 | 90 | 1,184 | 9,979 | 725 | 232 | 6 | 16,291,196 | 592,635 | 2,303,097 |
| 32 | Automobile stampings | 90 | 21 | 10,081 | 106 | 1,066 | 8,597 | 205 | 33 | 4 | 15,921,283 | 1,112,268 | 2,170,984 |
| 33 | Automobile trailers (for attachment to passenger cars) | 79 | 71 | 1,066 | 46 | 131 | 1,426 | 89 | 1 | 3 | 2,000,229 | 201,505 | 165,988 |
| 34 | Automotive electrical equipment | 84 | 24 | 20,977 | 100 | 2,755 | 17,495 | 540 | 6 | 75 | 32,556,000 | 628,471 | 5,880,841 |
| 35 | Baking powder, yeast, and other leavening compounds | 47 | 3 | 4,023 | 49 | 456 | 2,394 | 992 | 180 | 12 | 7,554,421 | 521,698 | 1,184,665 |
| 36 | Baskets for fruits and vegetables | 153 | 99 | 8,644 | 164 | 347 | 8,045 | 126 | 19 | | 5,477,691 | 323,706 | 492,411 |
| 37 | Batteries, storage and primary (dry and wet) | 221 | 120 | 18,690 | 161 | 2,204 | 15,694 | 1,149 | 40 | 78 | 27,244,913 | 957,089 | 4,403,914 |
| 38 | Betting, padding, and wadding; upholstery filling | 124 | 54 | 5,291 | 119 | 429 | 4,505 | 235 | | 3 | 6,188,197 | 833,595 | 728,194 |
| 39 | Beauty - shop and barber - shop equipment | 72 | 23 | 2,914 | 90 | 321 | 1,985 | 408 | | | 3,592,679 | 598,239 | 565,433 |
| 40 | Beehive cases | 29 | 1 | 761 | 6 | 63 | 685 | 4 | | 3 | 781,620 | 9,010 | 64,091 |
| 41 | Best cases | 80 | | 12,324 | 34 | 1,443 | 10,419 | 1 | 73 | 363 | 16,108,032 | 194,655 | 2,747,099 |
| 42 | Bills (apparel), remanufacture of material | 245 | 201 | 5,159 | 186 | 267 | 4,222 | 497 | | 17 | 5,799,940 | 710,442 | 399,040 |
| 43 | Biscuits, crackers, and pretzels | 336 | 202 | 23,930 | 307 | 2,081 | 29,173 | 3,845 | 161 | 362 | 42,036,144 | 1,899,642 | 3,885,480 |
| 44 | Blat-furnace products | 81 | | 22,627 | 21 | 1,990 | 19,337 | 31 | 543 | 2 | 34,497,508 | 145,434 | 5,242,515 |
| 45 | Blended and prepared flour made from purchased flour | 78 | 38 | 1,105 | 46 | 130 | 706 | 222 | | 1 | 1,419,209 | 206,038 | 201,223 |
| 46 | Blowwork exhaust and ventilating fans | 77 | 29 | 3,446 | 93 | 641 | 3,885 | 724 | 21 | 82 | 9,093,141 | 636,659 | 1,144,611 |
| 47 | Bolting | 33 | 12 | 117 | 10 | 20 | 55 | 27 | | 5 | 197,085 | 59,442 | 28,358 |
| 48 | Boat building and boat repairing | 202 | 108 | 3,609 | 92 | 224 | 2,630 | 63 | | | 3,802,465 | 377,955 | 392,393 |
| 49 | Bolts, nuts, washers, and rivets - made in plants not operated in connection with rolling mills | 155 | 30 | 17,167 | 267 | 1,790 | 14,331 | 718 | 16 | 5 | 25,475,667 | 1,904,392 | 3,650,244 |
| 50 | Bone black, carbon black, and lampblack | 53 | 1 | 1,909 | 17 | 191 | 1,574 | 26 | | 6 | 2,718,209 | 125,825 | 408,475 |
| 51 | Bookbinding and related industries | 1,123 | 600 | 31,622 | 975 | 2,961 | 25,693 | 1,957 | 95 | 7 | 42,840,415 | 4,617,684 | 5,112,069 |
| 52 | Books: printing without publishing | 690 | 289 | 21,588 | 865 | 3,499 | 16,547 | 1,399 | 72 | | 38,807,339 | 4,995,945 | 5,107,598 |
| 53 | Books: publishing and printing | 130 | 61 | 8,839 | 215 | 1,441 | 6,091 | 1,087 | | | 14,715,064 | 1,362,999 | 2,696,124 |
| 54 | Books: publishing without printing | 500 | 156 | 12,137 | 670 | 6,190 | 125 | 5,127 | | | 22,984,919 | 4,685,946 | 9,459,396 |

See footnotes at end of table.

GENERAL SUMMARY

23

INDUSTRY GROUPS AND BY INDUSTRIES: 1939

| SALARIES AND WAGES—continued | | | | COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK | | | | | Value of products ⁴ | Value added by manufacture ⁵ | |
|------------------------------|-----------------|---------------|--------------|---|------------------------|---------------|---------------------------|---------------|--------------------------------|---|----|
| Manufacturing—Con. | Distribution | Construction | Other | Total ¹ | Materials and supplies | Fuel | Purchased electric energy | Contract work | | | |
| Wages | | | | | | | | | | | |
| \$9,089,910,916 | \$1,052,755,302 | \$107,557,384 | \$45,973,321 | \$32,160,106,681 | \$30,254,960,667 | \$850,463,848 | \$465,426,583 | \$289,255,583 | \$56,843,024,800 | \$24,682,918,119 | 1 |
| 913,984,950 | 250,440,391 | 12,153,537 | 18,025,702 | 7,062,030,218 | 6,895,302,394 | 86,968,179 | 74,913,613 | 4,865,032 | 10,618,025,930 | 3,555,986,712 | 2 |
| 68,490,717 | 6,031,377 | 328,899 | 556,708 | 972,036,787 | 968,808,150 | 1,239,054 | 1,023,517 | 966,066 | 1,322,189,139 | 330,152,352 | 3 |
| 908,379,285 | 31,732,912 | 2,192,267 | 1,390,205 | 2,108,925,959 | 1,984,291,630 | 42,258,694 | 53,789,371 | 28,586,264 | 3,930,678,093 | 1,821,752,134 | 4 |
| 654,401,873 | 73,485,553 | 612,378 | 2,202,812 | 1,943,677,438 | 1,761,397,285 | 3,432,259 | 11,978,451 | 226,869,443 | 3,325,015,179 | 1,381,337,741 | 5 |
| 310,381,443 | 13,377,661 | 3,759,371 | 1,556,133 | 504,243,270 | 463,374,986 | 7,147,254 | 7,026,558 | 26,694,472 | 1,122,057,978 | 617,814,708 | 6 |
| 274,738,465 | 32,346,805 | 664,553 | 1,121,105 | 640,955,985 | 621,562,937 | 7,697,109 | 9,014,683 | 2,681,256 | 1,277,724,013 | 626,768,028 | 7 |
| 309,856,579 | 31,989,743 | 6,865,547 | 1,208,999 | 1,149,666,420 | 1,063,398,911 | 58,749,342 | 25,773,110 | 1,745,057 | 2,019,568,217 | 869,901,797 | 8 |
| 493,615,059 | 150,585,862 | 1,705,932 | 229,176 | 812,007,618 | 614,011,305 | 6,723,627 | 18,244,098 | 173,028,588 | 2,578,464,382 | 1,766,456,764 | 9 |
| 350,175,902 | 79,391,348 | 16,705,579 | 3,763,963 | 1,854,140,407 | 1,733,213,098 | 62,739,809 | 35,783,324 | 2,404,186 | 3,738,657,723 | 1,879,517,316 | 10 |
| 173,701,818 | 7,899,148 | 16,298,766 | 1,338,443 | 2,278,485,610 | 2,192,110,640 | 69,516,464 | 14,394,276 | 2,464,230 | 2,953,973,409 | 675,487,799 | 11 |
| 161,409,811 | 18,297,947 | 2,554,838 | 312,677 | 496,171,017 | 477,967,737 | 7,675,253 | 10,172,687 | 358,340 | 802,328,802 | 406,154,785 | 12 |
| 294,289,718 | 16,375,436 | 431,412 | 120,204 | 805,911,414 | 783,178,977 | 5,862,310 | 5,700,912 | 11,169,215 | 1,389,513,718 | 583,602,304 | 13 |
| 329,559,927 | 20,331,417 | 4,709,519 | 980,929 | 528,792,323 | 469,967,723 | 84,268,125 | 31,999,382 | 2,557,093 | 1,440,151,489 | 911,359,166 | 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 | 28,399,537 | 5,476,271 | 2,875,032 | 1,748,591,574 | 1,688,447,257 | 27,843,581 | 25,051,566 | 7,249,170 | 2,572,854,496 | 824,262,922 | 16 |
| 335,819,534 | 38,572,775 | 4,138,706 | 1,722,229 | 727,436,259 | 702,716,203 | 9,597,325 | 11,860,954 | 3,261,777 | 1,727,389,949 | 999,953,690 | 17 |
| 748,288,262 | 93,568,714 | 5,244,288 | 4,480,269 | 1,285,211,133 | 1,224,978,946 | 22,811,514 | 24,854,389 | 12,566,284 | 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 | 18,775,888 | 16,684,145 | 50,641,754 | 4,647,872,729 | 1,322,476,413 | 19 |
| 239,253,940 | 5,260,972 | 1,457,474 | 279,028 | 411,377,100 | 392,842,513 | 4,840,796 | 5,311,905 | 8,381,886 | 882,896,840 | 471,519,740 | 20 |
| 258,325,273 | 40,984,185 | 5,540,077 | 656,881 | 409,167,316 | 448,817,683 | 6,131,022 | 7,781,616 | 6,436,995 | 1,162,958,308 | 603,790,992 | 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 |
| 38,228,807 | 2,303,840 | 164,023 | 67,118 | 79,270,104 | 76,231,887 | 1,874,425 | 878,110 | 288,682 | 167,895,292 | 88,025,188 | 23 |
| 77,488,188 | 1,990,577 | 730,354 | 99,765 | 96,250,233 | 86,924,768 | 551,382 | 1,305,337 | 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 | 5,453,091 | 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 | 169,819,299 | 62,826,047 | 26 |
| 7,774,778 | 2,310,139 | 6,623 | 36,310 | 17,296,914 | 16,637,296 | 223,911 | 322,191 | 23,525 | 37,124,898 | 19,917,984 | 27 |
| 4,952,610 | 549,869 | 32,431 | 14,627 | 13,094,357 | 12,574,041 | 290,682 | 85,087 | 54,547 | 29,091,475 | 16,087,118 | 28 |
| 5,311,326 | 970,257 | 53,325 | 6,282 | 25,250,079 | 24,021,071 | 465,375 | 511,834 | 43,434,067 | 43,434,067 | 18,183,988 | 29 |
| 464,389 | 124,788 | ----- | 2,018,727 | ----- | 1,936,320 | 23,338 | 58,030 | 1,039 | 4,070,141 | 2,051,414 | 30 |
| 11,578,732 | 1,401,248 | 349,763 | 5,114 | 23,928,040 | 22,292,026 | 915,943 | 709,266 | 10,895 | 60,774,252 | 36,846,212 | 31 |
| 11,070,203 | 591,013 | 72,717 | 4,100 | 21,826,766 | 20,631,552 | 232,572 | 551,122 | 411,520 | 47,833,155 | 26,006,359 | 32 |
| 1,591,270 | 129,086 | 584 | 1,796 | 4,835,158 | 4,754,679 | 26,814 | 38,771 | 14,894 | 7,941,996 | 3,193,713 | 33 |
| 21,533,474 | 1,009,633 | 9,349 | 131,232 | 42,040,931 | 40,569,713 | 636,702 | 740,416 | 94,100 | 109,781,623 | 67,723,119 | 34 |
| 3,054,298 | 1,778,791 | 386,482 | 28,667 | 14,462,304 | 13,541,712 | 587,100 | 233,492 | (?) | 31,774,637 | 17,312,333 | 35 |
| 4,470,188 | 171,159 | 20,227 | ----- | 5,748,600 | 5,600,322 | 38,393 | 105,879 | 4,006 | 14,286,273 | 8,537,673 | 36 |
| 19,209,425 | 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 | (?) | 30,213,085 | 13,291,635 | 38 |
| 1,817,595 | 611,412 | ----- | 5,365,890 | ----- | 5,216,553 | 15,403 | 65,690 | 68,244 | 13,006,333 | 7,640,443 | 39 |
| 701,108 | 7,089 | ----- | 3,566,795 | ----- | 3,478,380 | 24,434 | 57,730 | 6,161 | 1,731,034 | 1,214,389 | 40 |
| 12,361,317 | 1,090 | 206,848 | 897,063 | 84,951,572 | 79,244,182 | 5,499,046 | 208,144 | ----- | 134,336,017 | 49,444,645 | 41 |
| 4,066,591 | 643,113 | ----- | 9,900,188 | ----- | 9,763,965 | 4,913 | 71,010 | 60,230 | 19,076,348 | 9,176,160 | 42 |
| 28,549,627 | 6,515,833 | 403,484 | 865,035 | 82,049,455 | 79,465,352 | 1,896,825 | 777,278 | ----- | 209,792,878 | 118,743,423 | 43 |
| 28,512,536 | 133,733 | 662,412 | 1,008 | 463,719,471 | 316,774,848 | 145,500,186 | 1,444,437 | ----- | 550,802,313 | 87,082,842 | 44 |
| 593,196 | 417,058 | 174 | 1,820 | 13,965,965 | 13,982,959 | 17,196 | 55,810 | ----- | 17,894,332 | 3,928,367 | 45 |
| 5,371,111 | 1,743,897 | 25,105 | 141,958 | 11,767,721 | 11,280,794 | 174,082 | 115,197 | 197,728 | 28,606,319 | 16,838,628 | 46 |
| 55,925 | 48,726 | ----- | 4,634 | 386,220 | 380,730 | 1,568 | 2,545 | 1,347 | 1,142,311 | 756,121 | 47 |
| 2,897,445 | 133,672 | ----- | 1,000 | 4,958,297 | 4,836,782 | 36,463 | 73,248 | 11,834 | 10,884,542 | 5,926,245 | 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 | 51,482 | 124,015 | 7,315 | 6,103,427 | 5,772,570 | 22,877 | 307,980 | ----- | 14,626,876 | 8,523,449 | 50 |
| 29,082,627 | 3,897,529 | 119,916 | 30,610 | 30,428,715 | 28,044,632 | 299,380 | 763,464 | 1,330,319 | 102,591,313 | 72,162,538 | 51 |
| 25,037,639 | 3,494,773 | 171,413 | ----- | 32,012,093 | 27,630,310 | 281,734 | 861,687 | 3,832,274 | 87,656,088 | 55,644,083 | 52 |
| 8,404,779 | 2,237,117 | 14,045 | ----- | 11,728,693 | 9,517,775 | 118,943 | 221,339 | 1,870,636 | 39,517,202 | 27,788,509 | 53 |
| 195,673 | 8,643,904 | ----- | ----- | 35,548,274 | 7,517,741 | 9,451 | 93,145 | 27,927,937 | 109,579,063 | 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 managers | NUMBER OF PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS ¹ | | | | | | | SALARIES AND WAGES | | |
|-----------|---|--------------------------|-------------------------------|---|-----------------------------------|--------------------|--|--------------|--------------|-------|--------------------|-----------------------------------|------------------------|
| | | | | Total | Salaried officers of corporations | Manufacturing | | Distribution | Construction | Other | Total ⁴ | Salaried officers of corporations | Manufacturing Salaries |
| | | | | | | Salaried employees | Wage earners (average for year) ² | | | | | | |
| | INDUSTRY—continued | | | | | | | | | | | | |
| 1 | 12 Boot and shoe cut stock and findings | 520 | 265 | 21,230 | 474 | 1,450 | 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 | 12,696,456 | 24,308,430 |
| 3 | 13 Brick and hollow structural tile | 869 | 339 | 32,992 | 698 | 1,779 | 29,099 | 1,096 | 273 | 45 | 33,877,293 | 2,642,630 | 2,909,199 |
| 4 | 13 Bricks | 320 | 339 | 4,377 | 112 | 232 | 3,787 | 296 | — | — | 3,626,692 | 283,000 | 253,255 |
| 5 | 20 Brushes | 245 | 145 | 19,029 | 255 | 1,094 | 7,891 | 812 | 69 | — | 12,524,287 | 1,220,828 | 1,782,096 |
| 6 | 20 Brooms | 316 | 265 | 12,418 | 229 | 729 | 10,972 | 462 | 46 | — | 11,764,496 | 1,020,221 | 1,298,278 |
| 7 | 9 Candles | 28 | 9 | 1,138 | 48 | 84 | 840 | 204 | — | 2 | 1,752,222 | 329,673 | 184,637 |
| 8 | 1 Candy and other confectionery products | 1,252 | 314 | 61,111 | 959 | 3,716 | 49,740 | 6,154 | 190 | 352 | 63,124,190 | 5,331,149 | 6,457,177 |
| 9 | 1 Cane sugar—except refineries | 78 | 37 | 3,204 | 74 | 613 | 4,217 | 15 | 269 | 6 | 3,731,239 | 268,022 | 558,052 |
| 10 | 1 Cane-sugar refining | 27 | 3 | 16,828 | 24 | 1,682 | 14,133 | 193 | 266 | 539 | 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 | 193 | 16,928 | 190 | 638 | 15,735 | 179 | 97 | 89 | 9,283,827 | 767,231 | 918,400 |
| 13 | 4 Canvas products (except bags) | 334 | 189 | 3,982 | 336 | 575 | 3,669 | 1,165 | 25 | 18 | 7,428,915 | 1,297,125 | 816,429 |
| 14 | 20 Carbon paper and inked ribbons | 38 | 27 | 2,014 | 69 | 371 | 1,741 | 812 | 21 | — | 4,970,456 | 614,008 | 715,473 |
| 15 | 15 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 | 29,030 | 91 | 2,284 | 25,599 | 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, rayon fiber, and ramie | 84 | 62 | 3,608 | 70 | 247 | 3,137 | 140 | 13 | 1 | 3,039,210 | 327,327 | 357,563 |
| 18 | 3 Carpet yarn, woven 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 | 24,323 | 192 | 109 | 4 | 44,108,727 | 301,978 | 8,578,335 |
| 20 | 17 Cars and trucks, industrial | 55 | 17 | 3,779 | 92 | 517 | 2,732 | 419 | 2 | 8 | 5,330,131 | 436,966 | 893,966 |
| 21 | 6 Caskets, coffins, burial cases, and other mortician's goods | 599 | 327 | 16,615 | 612 | 1,496 | 12,447 | 2,035 | 5 | 20 | 23,096,973 | 2,737,477 | 2,494,672 |
| 22 | 14 Cast-iron pipe and fittings | 74 | 3 | 18,031 | 112 | 1,109 | 16,488 | 304 | 8 | 30 | 21,176,879 | 749,640 | 2,241,614 |
| 23 | 13 Cement | 190 | 1 | 28,197 | 116 | 2,652 | 23,801 | 1,066 | 529 | 33 | 42,582,657 | 943,029 | 6,475,170 |
| 24 | 1 Cereal preparations | 79 | 28 | 6,035 | 52 | 959 | 7,458 | 410 | 28 | 126 | 13,617,250 | 671,566 | 2,205,021 |
| 25 | 1 Cheese | 2,682 | 2,339 | 6,132 | 79 | 683 | 5,069 | 332 | 26 | 23 | 6,787,707 | 272,728 | 901,199 |
| 26 | 9 Chemicals not elsewhere classified | 543 | 36 | 83,093 | 43 | 13,646 | 69,298 | 2,051 | 6,104 | 564 | 148,148,149 | 3,641,490 | 34,570,910 |
| 27 | 1 Chewing gum | 27 | 3 | 3,693 | 28 | 316 | 2,627 | 653 | 7 | 52 | 5,436,916 | 338,426 | 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 | 731,230 | 19,359 | 20,682 |
| 29 | 4 Children's and infants' wear not elsewhere classified—made in fact in factories or by jobbers engaging contractors | 103 | 68 | 4,929 | 91 | 206 | 4,365 | 282 | 4 | 11 | 4,618,845 | 395,210 | 315,081 |
| 30 | 4 Children's coats—made in contract factories | 45 | 49 | 1,246 | 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 | 4,398 | 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 | 162 | 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 | 4,992 | 77 | 371 | 4,319 | 175 | 10 | — | 6,171,659 | 505,433 | 604,296 |
| 35 | 13 China firing and decorating (for the trade) | 24 | 19 | 570 | 18 | 29 | 421 | 38 | 3 | — | 616,449 | 82,093 | 43,524 |
| 36 | 1 Chocolate and cocoa products | 39 | 4 | 8,931 | 58 | 725 | 6,464 | 1,010 | 334 | 240 | 14,090,169 | 656,447 | 1,422,378 |
| 37 | 6 Cigar boxes, wooden, part wooden | 59 | 40 | 3,217 | 61 | 109 | 3,191 | 39 | 4 | 3 | 2,595,286 | 316,670 | 200,738 |
| 38 | 2 Cigarettes | 35 | 3 | 39,898 | 32 | 1,353 | 27,126 | 1,080 | 31 | 281 | 33,667,806 | 496,576 | 3,232,818 |
| 39 | 2 Cigars | 506 | 523 | 64,262 | 259 | 2,139 | 50,997 | 829 | 33 | 105 | 41,141,302 | 1,494,315 | 3,531,148 |
| 40 | 13 Clay products (except pottery) not elsewhere classified | 99 | 76 | 1,898 | 46 | 114 | 1,651 | 49 | 5 | — | 1,921,263 | 150,118 | 185,710 |
| 41 | 10 Clay refractories, including refractory cement (dry) | 165 | 13 | 13,635 | 124 | 929 | 12,211 | 221 | 138 | 32 | 15,404,131 | 612,049 | 1,794,163 |
| 42 | 9 Cleaning and polishing preparations, blacking, and dressings | 637 | 361 | 9,078 | 576 | 1,403 | 5,128 | 2,892 | 33 | 34 | 15,964,521 | 2,921,172 | 2,468,942 |
| 43 | 13 Clocks, watches, and materials and parts (except watches) | 74 | 29 | 21,287 | 111 | 1,615 | 17,878 | 1,273 | 114 | 206 | 27,504,819 | 1,001,402 | 3,008,850 |
| 44 | 3 Clothing, leather and sheep-lined | 57 | 79 | 3,333 | 166 | 333 | 4,672 | 235 | 5 | 2 | 5,877,750 | 538,289 | 430,823 |
| 45 | 3 Cloth sponging and miscellaneous special finishing | 112 | 41 | 3,400 | 121 | 267 | 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 | 148 | 17 | 9,349 | 204 | 1,049 | 7,450 | 765 | 84 | 8 | 14,898,515 | 1,609,555 | 2,091,888 |
| 48 | 4 Coats, suits, and skirts (except fur coats)—made in contract factories | 845 | 985 | 22,179 | 358 | 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 | 1,129 | 795 | 30,269 | 1,145 | 1,572 | 24,048 | 3,037 | 3 | 181 | 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 | 13 Collapsible tubes | 14 | 31 | 2,195 | 31 | 171 | 1,933 | 41 | 16 | — | 2,694,672 | 329,201 | 315,514 |
| 52 | 9 Colors and pigments | 89 | 7 | 8,018 | 99 | 1,381 | 5,839 | 290 | 316 | 87 | 13,267,077 | 688,309 | 3,235,950 |

See footnotes at end of table.

GENERAL SUMMARY

25

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 ⁴ | Value added by manufacture ⁵ | |
|------------------------------|--------------|--------------|-----------|---|------------------------|------------|---------------------------|---------------|--------------------------------|---|----|
| Manufacturing—Con. | Distribution | Construction | Other | Total ¹ | Materials and supplies | Fuel | Purchased electric energy | Contract work | | | |
| Wages | | | | | | | | | | | |
| \$17,195,728 | \$965,253 | \$29,823 | \$1,680 | \$90,487,474 | \$89,572,035 | \$306,074 | \$559,156 | \$50,179 | \$129,399,406 | \$38,911,932 | 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 | 246,909 | 38,119 | 22,469,597 | 6,996,528 | 12,666,149 | 2,725,259 | 87,661 | 78,153,227 | 55,683,630 | 3 |
| 2,756,770 | 333,667 | | | 6,052,345 | 5,930,852 | 46,788 | 77,577 | 3,128 | 11,842,422 | 5,790,077 | 4 |
| 7,988,974 | 1,448,831 | 83,645 | | 25,255,279 | 24,770,144 | 157,652 | 224,391 | 103,092 | 48,466,966 | 23,211,687 | 5 |
| 8,622,711 | 704,909 | 88,375 | | 12,473,349 | 11,407,301 | 193,113 | 404,675 | 468,260 | 29,817,188 | 17,343,839 | 6 |
| 816,811 | 419,189 | | 1,912 | 3,337,684 | 3,256,479 | 61,678 | 20,127 | | 6,329,179 | 2,991,495 | 7 |
| 41,081,966 | 9,455,370 | 351,073 | 442,455 | 170,735,600 | 167,017,930 | 1,744,923 | 1,815,078 | 157,669 | 297,761,813 | 127,028,213 | 8 |
| 2,573,319 | 19,333 | 301,527 | 10,086 | 23,017,224 | 22,317,139 | 615,321 | 67,275 | 17,489 | 33,526,898 | 10,509,674 | 9 |
| 16,196,600 | 394,964 | 865,636 | 633,997 | 333,876,627 | 327,757,373 | 4,412,707 | 127,433 | 1,579,114 | 389,869,764 | 55,993,137 | 10 |
| 65,234,801 | 2,920,436 | 656,287 | 309,449 | 356,280,508 | 349,863,318 | 3,932,764 | 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 | 26,207 | 65,455,696 | 25,434,108 | 12 |
| 3,620,832 | 1,654,098 | 25,890 | 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 | 97,266 | | 20,776,745 | 10,620,158 | 14 |
| 4,483,609 | 336,970 | 29,477 | 200 | 6,681,438 | 5,208,675 | 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 | 11,678,972 | 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 | 9,618,658 | 20 |
| 13,392,154 | 4,338,299 | 5,031 | 39,340 | 31,861,794 | 30,950,177 | 396,530 | 455,696 | 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 | 65,079,032 | 37,065,055 | 22 |
| 31,588,404 | 2,680,442 | 860,116 | 45,496 | 68,529,756 | 64,034,358 | 24,164,457 | 9,908,469 | 422,472 | 192,611,304 | 124,081,598 | 23 |
| 9,850,757 | 770,947 | 58,043 | 203,713 | 58,043,997 | 56,156,793 | 965,859 | 881,345 | | 128,382,565 | 70,348,598 | 24 |
| 5,165,715 | 410,228 | 28,347 | 19,400 | 91,440,315 | 89,388,179 | 1,341,178 | 664,486 | 8,472 | 108,267,060 | 16,766,745 | 25 |
| 94,883,557 | 4,606,542 | 9,500,515 | 936,195 | 368,635,583 | 320,066,525 | 31,757,103 | 16,560,926 | 251,029 | 839,780,366 | 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 | 908,145 | 28 |
| 3,502,811 | 390,084 | 7,213 | 8,436 | 10,377,783 | 8,816,474 | 9,833 | 65,782 | 1,485,694 | 17,941,969 | 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 | 2,185,670 | 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 | 19,117,419 | 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 | 3,817,744 | 37 |
| 26,067,632 | 3,413,028 | 121,028 | 336,724 | 811,068,315 | 809,870,030 | 690,401 | 378,532 | 129,352 | 1,037,747,817 | 226,679,292 | 38 |
| 34,289,556 | 1,657,028 | 54,730 | 114,525 | 79,249,087 | 78,247,281 | 217,109 | 491,189 | 293,508 | 160,754,424 | 81,595,337 | 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 | 154,161 | 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 | 37,670,807 | 37,036,595 | 303,935 | 300,226 | 29,231 | 89,766,752 | 52,096,745 | 42 |
| 20,467,333 | 2,368,531 | 205,861 | 332,842 | 35,204,098 | 34,592,070 | 256,727 | 248,973 | 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 | 1,230,498 | 209,511 | 225,466 | 42,917,034 | 17,359,727 | 46 |
| 9,384,260 | 1,684,387 | 110,019 | 18,406 | 53,627,595 | 52,315,862 | 526,682 | 610,662 | 176,499 | 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 | 25,072,030 | 50 |
| 1,903,311 | 114,958 | 27,538 | 3,850 | 4,935,815 | 4,821,294 | 40,841 | 73,680 | | 9,471,836 | 4,585,021 | 51 |
| 8,114,349 | 726,670 | 831,649 | 171,080 | 48,388,442 | 40,166,318 | 2,188,437 | 1,029,728 | 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 1 2 | | | | | | | SALARIES AND WAGES | | |
|-----------|---|--------------------------|------------------------------|--|-----------------------------------|--------------------|-----------------------------------|--------------|--------------|-------|--------------------|-----------------------------------|------------------------|
| | | | | Total | Salaried officers of corporations | Manufacturing | | Distribution | Construction | Other | Total 4 | Salaried officers of corporations | Manufacturing Salaries |
| | | | | | | Salaried employees | Wage earners (average for year) 3 | | | | | | |
| | INDUSTRY—continued | | | | | | | | | | | | |
| 1 17 | Commercial laundry, dry-cleaning, and pressing machinery | 83 | 37 | 3,854 | 89 | 598 | 2,705 | 245 | 4 | 23 | \$5,779,573 | \$640,821 | \$1,101,010 |
| 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 | 98 | 725 | 3,900 | 1,665 | 27 | 5 | 11,465,251 | 485,112 | 1,086,534 |
| 4 13 | Concrete products | 2,646 | 1,368 | 22,459 | 1,033 | 1,729 | 17,363 | 2,087 | 165 | 83 | 28,699,936 | 3,817,627 | 2,726,096 |
| 5 17 | Condensed and evaporated milk | 562 | 90 | 12,392 | 126 | 1,482 | 9,705 | 641 | 230 | 268 | 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 | 236 | 3,796 | 17,269 | 1,504 | 204 | 103 | 38,470,010 | 2,443,958 | 6,990,308 |
| 7 7 | Converted paper products not elsewhere classified | 264 | 148 | 28,301 | 539 | 2,791 | 21,775 | 2,983 | 198 | 25 | 36,827,482 | 3,793,138 | 4,907,239 |
| 8 1 | Cooking and other edible fats and oils, not elsewhere classified | 56 | 1 | 6,497 | 41 | 976 | 4,672 | 622 | 103 | 10 | 9,088,273 | 313,067 | 2,024,621 |
| 9 6 | Cooperage | 260 | 148 | 8,194 | 172 | 536 | 7,195 | 11 | 11 | 3 | 8,556,927 | 656,089 | 888,677 |
| 10 3 | Cordage and twine | 116 | 18 | 13,699 | 177 | 975 | 12,096 | 361 | 25 | 65 | 14,188,504 | 1,131,694 | 1,659,710 |
| 11 6 | Cork products | 25 | 10 | 3,567 | 50 | 342 | 2,923 | 241 | 36 | 5 | 4,880,752 | 372,334 | 631,243 |
| 12 1 | Corn strap, corn sugar, corn oil, and starch | 35 | 9 | 9,024 | 29 | 1,142 | 6,764 | 665 | 222 | 293 | 15,726,372 | 260,282 | 2,964,075 |
| 13 4 | Cosmetics and allied garments | 272 | 127 | 23,636 | 340 | 1,610 | 18,765 | 2,246 | 15 | 60 | 26,146,853 | 2,578,632 | 2,748,527 |
| 14 26 | Costume jewelry and costume novelties (jewelry other than fine jewelry) | 269 | 242 | 12,682 | 234 | 993 | 10,968 | 596 | 51 | | 12,612,943 | 1,264,308 | 1,422,601 |
| 15 2 | Cotton broad woven goods | 661 | 65 | 325,373 | 990 | 9,854 | 312,249 | 963 | 577 | 830 | 251,190,270 | 5,680,633 | 17,415,338 |
| 16 3 | Cotton narrow fabrics | 163 | 62 | 15,194 | 215 | 1,045 | 13,818 | 556 | 12 | 48 | 16,073,121 | 1,433,260 | 1,710,621 |
| 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 | 26 | 14,836 | 90 | 1,100 | 13,298 | 308 | | | 13,497,471 | 576,315 | 1,732,179 |
| 19 3 | Cotton yarn | 249 | 45 | 73,349 | 446 | 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 | 5,691 | 17,953 | 4,549 | 206 | 283 | 32,907,473 | 1,821,807 | 6,560,377 |
| 21 1 | Cured fish | 114 | 81 | 2,344 | 53 | 196 | 1,663 | 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 | 1,199 | 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 | 17,966 | 306 | 870 | 15,798 | 878 | 24 | 24 | 13,721,158 | 1,442,513 | 1,193,491 |
| 24 1 | Custom slaughtering, wholesale | 46 | 25 | 792 | 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 | 130 | 18,392 | 340 | 1,460 | 15,399 | 1,039 | 24 | 130 | 24,138,126 | 2,266,754 | 2,696,368 |
| 26 26 | Dental equipment and supplies | 131 | 66 | 5,708 | 148 | 679 | 4,245 | 630 | 6 | | 8,498,728 | 923,053 | 1,517,910 |
| 27 2 | Die-cut paper and paperboard, and converted cardboard | 121 | 47 | 5,670 | 181 | 534 | 4,354 | 568 | 19 | 14 | 8,890,835 | 1,110,723 | 1,032,786 |
| 28 20 | Dolls (except rubber) | 84 | 53 | 3,471 | 92 | 197 | 3,632 | 124 | 6 | | 3,754,215 | 389,873 | 287,088 |
| 29 14 | Doors, window sash, frames, molding, and trim (made of metal) | 205 | 73 | 10,428 | 332 | 1,130 | 7,740 | 1,172 | 82 | 2 | 16,504,731 | 1,825,085 | 1,990,792 |
| 30 4 | Dress and suitcases, 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 | 230 | 40,392 | 1,453 | 5,559 | 22,396 | 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 | 69,480 | 809 | 6,055 | 60,297 | 1,142 | 176 | 41 | 82,288,696 | 5,838,900 | 11,901,976 |
| 33 16 | 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 10 | Electrical appliances | 139 | 36 | 29,662 | 266 | 2,744 | 19,890 | 2,164 | 25 | 39 | 36,979,276 | 1,356,851 | 5,677,989 |
| 35 10 | Electrical measuring instruments | 59 | 30 | 9,318 | 86 | 1,719 | 6,976 | 450 | 65 | 22 | 15,222,595 | 706,374 | 3,616,751 |
| 36 16 | Electrical products not elsewhere classified | 176 | 62 | 8,391 | 163 | 1,390 | 6,614 | 723 | 55 | 6 | 12,326,919 | 854,264 | 2,936,145 |
| 37 10 | Electric lamps | 25 | 7 | 11,587 | 49 | 1,364 | 9,622 | 491 | 45 | 16 | 16,309,066 | 370,701 | 3,119,529 |
| 38 13 | Electroplating, plating, and painting | 943 | 614 | 9,638 | 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 establishments | 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 conveyors | 183 | 59 | 13,163 | 339 | 2,081 | 8,915 | 1,690 | 107 | 91 | 22,604,696 | 1,711,798 | 3,836,475 |
| 41 4 | Embroideries, other than Schiffli-machine products—contract factories | 227 | 498 | 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 regular factories or by jobbers engaging contractors | 54 | 49 | 792 | 33 | 33 | 608 | 26 | | 2 | 669,616 | 88,424 | 50,988 |
| 43 4 | Embroideries—Schiffli-machine products | 268 | 390 | 4,170 | 147 | 137 | 3,750 | 137 | | 5 | 4,316,588 | 573,008 | 258,654 |
| 44 14 | Enamelled-iron sanitary ware and other plumber's supplies (not including pipe and vitreous and semi-vitreous china sanitary ware) | 239 | 74 | 28,498 | 285 | 2,286 | 24,605 | 1,186 | 50 | 6 | 40,280,684 | 2,476,465 | 4,350,741 |
| 45 14 | Enameling, japanning, and lacquering | 89 | 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 | 490 | 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 | 806 | 8,669 | 1,289 | 75 | 25 | 15,826,608 | 1,621,032 | 1,777,199 |
| 49 9 | Exhausted oil | 14 | 4 | 367 | 15 | 39 | 255 | 25 | | 3 | 704,149 | 165,827 | 96,854 |

See footnotes at end of table.

GENERAL SUMMARY

27

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 ¹ | Value added by manu- facture ² | |
|--|---|---|---|---|---|--|--|--|---|---|----------------------------|
| Manufactur- ing—Con. | Distribution | Construc- tion | Other | Total ³ | Materials and supplies | Fuel | Purchased electric energy | Contract work | | | |
| Wages | | | | | | | | | | | |
| \$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 | \$8,538,081 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 94,088 250,588 | 13,532,407 65,084,650 163,523,169 | 10,084,364 63,177,255 157,712,090 | 398,536 870,467 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 |
| 25,108,311 | 3,457,109 | 267,711 | 112,613 | 63,376,072 | 60,429,972 | 990,082 | 1,017,171 | 938,817 | 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 | 161,365,558 | 77,939,477 | 7 |
| 5,396,788 6,580,047 10,184,862 3,301,627 | 1,220,173 330,217 791,314 622,799 | 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 4,968 35,264 232,706 | 186,262,453 38,261,442 56,685,817 17,723,564 | 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 | 60,915,692 40,104,739 | 63,662,138 38,617,767 | 3,069,028 95,613 | 184,526 231,550 | 1,189,809 | 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 1,060,950 | 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 | 183,607 22,765,646 551,865 | 236,596 267,331 24,704 | 33,921,990 869,354,285 48,800,689 | 20,092,383 438,530,852 25,860,259 | 14 15 16 |
| 8,930,334 10,529,271 46,055,469 18,378,544 1,669,604 | 897,797 639,706 324,813 5,519,598 301,437 | 107,061 ----- 76,428 316,095 26,149 | 39,245 ----- 62,501 301,452 8,790 | 138,764,149 26,095,205 114,741,279 418,751,847 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 | 2,162,700 731,938 7,085,042 3,630,917 87,126 | 20,555 (7) (7) 168,917 942 | 171,476,253 51,376,151 198,940,444 492,221,402 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 | 1,672,819 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 12,965,541 | 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 97,964 | 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 | 48,219,162 | 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 | 7,703,068 | 4,064,861 | 30 |
| 23,897,900 | 18,411,742 | 479,101 | 1,285,957 | 115,274,573 | 112,128,193 | 1,279,337 | 1,000,309 | 864,734 | 364,955,404 | 249,712,531 | 31 |
| 61,744,518 | 2,468,004 | 287,705 | 47,593 | 140,472,272 | 128,214,508 | 10,181,649 | 2,106,115 | (7) | 271,167,139 | 130,094,867 | 32 |
| 3,944,885 25,408,770 9,881,124 | 215,131 4,459,028 881,568 | 12,325 41,316 102,393 | 2,080 35,322 35,385 | 26,953,448 58,081,390 12,104,664 | 25,985,809 56,082,581 11,708,639 | 818,624 585,281 110,192 | 149,015 1,022,141 242,325 | ----- 391,357 42,508 | 37,437,032 145,696,194 41,797,493 | 10,483,584 87,614,834 29,092,531 | 33 34 35 |
| 7,409,584 10,689,019 | 940,969 ,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 | 412,769 628,023 | 118,636 31,114 | 39,048,906 84,827,985 | 24,192,445 56,256,844 | 36 37 |
| 9,382,801 | 545,905 | 59,901 | 41,946 | 7,300,444 | 5,841,349 | 352,606 | 969,724 | 136,763 | 28,168,051 | 20,567,607 | 38 |
| 8,919,760 | 1,674,807 | 2,414 | 29,632 | 6,904,385 | 3,591,993 | 161,480 | 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 | 39,070,965 | 40 |
| 3,323,654 | 124,805 | ----- | 12,984 | 1,622,129 | 1,373,524 | 9,825 | 72,876 | 165,904 | 8,220,437 | 6,598,308 | 41 |
| 504,561 | 24,627 | ----- | 1,016 | 671,431 | 519,605 | 1,515 | 12,589 | 137,722 | 1,686,181 | 1,014,750 | 42 |
| 3,247,549 | 232,644 | ----- | 4,133 | 6,128,753 | 4,796,819 | 68,552 | 134,962 | 1,128,426 | 14,121,853 | 7,993,100 | 43 |
| 30,708,552 | 2,591,301 | 81,170 | 12,455 | 52,630,117 | 48,400,592 | 2,473,318 | 1,269,232 | 477,975 | 125,578,189 | 72,948,072 | 44 |
| 2,062,275 | 123,162 | 9,800 | 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 | 4,156,006 | 46 |
| 7,156,404 9,596,844 857,346 | 710,359 2,652,170 81,983 | ----- 150,088 ----- | ----- 29,175 2,189 | 6,029,351 24,623,014 6,861,194 | 5,308,553 23,996,746 6,810,405 | 72,785 145,235 35,469 | 183,579 339,427 8,947 | 404,434 171,666 6,373 | 22,163,638 50,118,134 9,813,799 | 16,134,287 25,495,120 2,952,605 | 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 1 | | | | | | | SALARIES AND WAGES | | |
|-----------|-----------------------------|---|------------------------------|--|-----------------------------------|--------------------|-----------------------------------|--------------|--------------|-------|--------------------|-----------------------------------|------------------------|
| | | | | Total | Salaried officers of corporations | Manufacturing | | Distribution | Construction | Other | Total 4 | Salaried officers of corporations | Manufacturing Salaries |
| | | | | | | Salaried employees | Wage earners (average for year) 2 | | | | | | |
| | INDUSTRY—continued | | | | | | | | | | | | |
| 1 | 6 | Exerciser | 53 | 46 | 1 045 | 19 | 65 | 925 | 16 | 4 | 16 | \$913,256 | \$111,138 |
| 2 | 9 | Explosion | 89 | 7 | 8 315 | 25 | 776 | 7,242 | 57 | 209 | 6 | 13,721,116 | 2,193,151 |
| 3 | 20 | Fabricated plastic products, not elsewhere classified | 216 | 71 | 17,953 | 293 | 1,788 | 15,094 | 610 | 164 | 4 | 24,289,140 | 3,495,667 |
| 4 | 14 | Fabricated structural steel and ornamental metal work made in plants not operated in connection with rolling mills | 1 139 | 898 | 44,869 | 1,456 | 5 165 | 35,477 | 2,601 | 88 | 33 | 69,426,368 | 10,168,515 |
| 5 | 20 | Feathers, plumes, and artificial flowers | 314 | 283 | 7,722 | 203 | 327 | 6,650 | 539 | 4 | ----- | 6,521,637 | 391,888 |
| 6 | 3 | Felt goods, wool, hair, and jute (except woven felts and hat bodies and bases) | 37 | 14 | 3,770 | 32 | 321 | 3,346 | 70 | ----- | ----- | 196,684 | 654,053 |
| 7 | 9 | Fertilizers | 764 | 219 | 24,081 | 511 | 2 155 | 18,744 | 2,386 | 217 | 68 | 23,435,322 | 3,457,367 |
| 8 | 7 | Fiber cans, tubes, and similar products | 116 | 40 | 7,769 | 109 | 655 | 6,637 | 372 | 8 | 9 | 9,657,697 | 1,272,200 |
| 9 | 18 | Fine | 22 | 5 | 3,728 | 27 | 343 | 3,205 | 104 | 49 | ----- | 4,908,816 | 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 | 8,678,120 | 721,464 |
| 11 | 14 | Firearms | 23 | 7 | 6,061 | 28 | 753 | 5,001 | 157 | 113 | 9 | 8,806,827 | 1,323,567 |
| 12 | 20 | Fire extinguishers, chemical | 38 | 9 | 1,452 | 27 | 284 | 995 | 146 | ----- | ----- | 2,269,757 | 365,881 |
| 13 | 9 | Fireworks | 59 | 20 | 1,394 | 55 | 135 | 1,158 | 30 | 9 | 7 | 1,511,569 | 240,286 |
| 14 | 9 | Fish and other marine oils, cakes, and meal | 76 | 17 | 1,896 | 92 | 139 | 1,523 | 38 | 14 | ----- | 2,150,222 | 299,385 |
| 15 | 13 | Flint glass | 37 | ----- | 18,638 | 26 | 1,493 | 16,739 | 62 | 318 | ----- | 28,160,934 | 3,584,521 |
| 16 | 1 | Flavoring extracts and flavoring syrups, not elsewhere classified | 477 | 221 | 6,950 | 440 | 904 | 3,589 | 1,931 | 35 | 51 | 12,299,959 | 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 | 686,009 |
| 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 | 7,806,429 |
| 19 | 1 | Food preparations, not elsewhere classified | 1,067 | 739 | 19,444 | 635 | 1,659 | 13,120 | 3,887 | 55 | 108 | 23,232,337 | 2,904,534 |
| 20 | 17 | Food-products machinery | 379 | 139 | 29,067 | 545 | 2,954 | 13,979 | 2,419 | 31 | 78 | 32,497,864 | 3,158,913 |
| 21 | 12 | Footwear (except rubber) | 1,670 | 237 | 236,545 | 1,549 | 12,540 | 218,028 | 4,189 | 195 | 44 | 222,865,621 | 19,817,468 |
| 22 | 14 | Forgings, iron and steel made in plants not operated in connection with rolling mills | 297 | 40 | 18,943 | 329 | 1,689 | 15,372 | 474 | 131 | 48 | 30,123,958 | 3,849,710 |
| 23 | 10 | Fuel briquets | 32 | 9 | 494 | 13 | 60 | 410 | 11 | ----- | ----- | 644,696 | 115,259 |
| 24 | 4 | Fur coats and other fur garments, accessories, and trimmings | 2 175 | 2,378 | 17,329 | 1,652 | 1,158 | 13,111 | 1,405 | 3 | ----- | 33,434,509 | 1,070,178 |
| 25 | 20 | Furs, dressed and dyed | 145 | 91 | 6,615 | 235 | 315 | 5,115 | 325 | 25 | ----- | 11,960,167 | 902,129 |
| 26 | 14 | Galvanizing and other coating—carried on in plants not operated in connection with rolling mills | 83 | 30 | 1,489 | 77 | 120 | 1,212 | 47 | 3 | ----- | 2,179,776 | 243,456 |
| 27 | 20 | Gases and boys (except dolls and children's vehicles) | 843 | 217 | 18,251 | 349 | 1,402 | 15,610 | 871 | 28 | ----- | 18,268,523 | 2,176,959 |
| 28 | 9 | General commercial job printing | 9 385 | 8,216 | 120,059 | 5,821 | 14,304 | 95,039 | 9,543 | 142 | 10 | 200,064,264 | 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 | 44,457,168 |
| 30 | 13 | Glass containers | 77 | 1 | 29,557 | 132 | 2,785 | 25,753 | 552 | 118 | 17 | 43,022,557 | 5,723,717 |
| 31 | 9 | Gins and ginsin | 80 | 24 | 3,673 | 94 | 561 | 3,039 | 231 | 100 | 8 | 6,695,228 | 1,094,499 |
| 32 | 13 | Gold and silver leaf and foil | 26 | 30 | 688 | 13 | 51 | 563 | 60 | ----- | ----- | 712,908 | 95,828 |
| 33 | 9 | Grainware, rotavators, and rotary photoculture (including preparation of plates) | 24 | 5 | 3,114 | 36 | 367 | 2,623 | 82 | 6 | ----- | 7,191,590 | 1,136,331 |
| 34 | 14 | Gray-iron and finished castings | 1,161 | 351 | 65,459 | 1,261 | 4,578 | 55,428 | 962 | 144 | 86 | 88,374,243 | 9,318,155 |
| 35 | 9 | Grease and tallow (except lubricating greases) | 239 | 231 | 6,536 | 247 | 595 | 5,291 | 324 | 136 | 33 | 9,596,161 | 1,079,936 |
| 36 | 9 | Grocery cards (except hand-printed) | 109 | 70 | 9,983 | 137 | 1,405 | 7,522 | 904 | 15 | ----- | 12,266,714 | 1,391,382 |
| 37 | 9 | Gum and stores (processing but not gathering or warehousing) | 755 | 836 | 1,892 | 71 | 808 | 971 | 28 | 13 | 1 | 856,138 | 362,269 |
| 38 | 13 | Gypsum products | 68 | 1 | 5,863 | 25 | 667 | 4,936 | 82 | 132 | 21 | 8,540,550 | 1,365,079 |
| 39 | 20 | Hair work | 42 | 36 | 393 | 25 | 22 | 322 | 24 | ----- | ----- | 418,532 | 28,124 |
| 40 | 9 | Handkerchiefs—made in contract factories | 29 | 13 | 1,132 | 14 | 13 | 1,105 | ----- | ----- | ----- | 766,142 | 22,008 |
| 41 | 4 | Handkerchiefs—made in inside factories or by jobbers engaging contractors | 61 | 28 | 4,303 | 60 | 183 | 3,734 | 309 | 1 | 16 | 3,808,174 | 283,755 |
| 42 | 20 | Hand stamps, stencils, and brands | 298 | 217 | 3,333 | 217 | 331 | 2,211 | 598 | 6 | ----- | 4,896,867 | 507,049 |
| 43 | 14 | Hardware not elsewhere classified | 434 | 178 | 43,453 | 658 | 4,307 | 35,645 | 2,713 | 123 | 7 | 57,605,724 | 7,484,806 |
| 44 | 9 | Hardwood distillation and charcoal manufacture | 43 | 17 | 2,091 | 34 | 211 | 1,770 | 19 | 55 | 2 | 2,090,418 | 361,292 |
| 45 | 4 | Hat and cap materials, trimmings, etc. | 55 | 36 | 940 | 45 | 54 | 796 | 44 | ----- | ----- | 1,057,206 | 172,279 |
| 46 | 2 | Hat bodies and hats, fur felt | 43 | 6 | 11,182 | 52 | 748 | 9,928 | 251 | 33 | 140 | 15,078,264 | 1,529,782 |
| 47 | 3 | Hat bodies and hats, wool-felt | 12 | 9 | 4,755 | 18 | 262 | 4,421 | 41 | 13 | ----- | 4,902,930 | 80,779 |
| 48 | 3 | Hats, straw | 11 | 2 | 531 | 12 | 20 | 488 | 10 | 1 | ----- | 537,057 | 29,086 |
| 49 | 3 | Hatters' fur | 37 | 25 | 2,082 | 39 | 122 | 1,893 | 28 | ----- | ----- | 2,145,118 | 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 | 681,579 |
| 51 | 3 | Hosiery—full-fashioned | 499 | 176 | 103,902 | 639 | 3,840 | 97,200 | 1,891 | 247 | 85 | 117,443,136 | 7,472,035 |
| 52 | 3 | Hosiery—seamless | 433 | 206 | 65,353 | 501 | 2,470 | 61,852 | 419 | 64 | 47 | 48,873,410 | 3,843,662 |
| 53 | 13 | Knit chain | 17 | ----- | 4,798 | 49 | 267 | 4,350 | 111 | 18 | 3 | 5,715,529 | 519,009 |
| 54 | 4 | Knives, dressers, uniforms, and aprons—made in contract factories | 255 | 255 | 11,277 | 74 | 198 | 10,961 | 25 | 4 | 15 | 6,820,333 | 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 ^{1,2} | Value added by manu- facture ³ | |
|------------------------------|--------------|-------------------|----------|---|---------------------------|-----------|---------------------------------|------------------|----------------------------------|--|----|
| Manufactur- ing—Con. | | | | | | | | | | | |
| Wages | Distribution | Construc- tion | Other | Total ⁴ | 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 | \$34,236 | \$329 | \$2,957,285 | \$1,005,538 | 1 |
| 10,964,498 | 140,248 | 287,763 | 4,469 | 20,860,347 | 25,178,879 | 1,020,805 | 660,993 | | 71,024,206 | 44,102,859 | 2 |
| 17,088,104 | 1,390,052 | 200,354 | 13,819 | 31,747,085 | 29,881,056 | 781,006 | 840,562 | 244,461 | 71,994,967 | 40,156,982 | 3 |
| 47,540,506 | 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 | 102,507 | | | 13,048,313 | 12,447,341 | 360,855 | 249,117 | (7) | 23,573,823 | 10,525,510 | 6 |
| 13,678,397 | 4,191,260 | 224,845 | 91,559 | 128,629,745 | 126,325,685 | 589,173 | 1,690,510 | 18,377 | 185,684,328 | 57,054,583 | 7 |
| 6,962,529 | 849,550 | 16,167 | 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 | 11,263,946 | 8,841,058 | 9 |
| 6,207,422 | 840,082 | 1,110 | 754 | 19,949,437 | 18,764,078 | 168,155 | 147,315 | 899,889 | 33,240,221 | 13,280,784 | 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 | 14,639,095 | 11 |
| 1,273,155 | 256,428 | 25,000 | | 4,704,634 | 4,613,997 | 32,474 | 51,769 | 6,394 | 9,228,416 | 4,323,782 | 12 |
| 987,446 | 56,110 | 8,700 | 4,556 | 1,852,715 | 1,763,767 | 63,899 | 25,099 | | 4,628,181 | 2,775,406 | 13 |
| 1,307,934 | 80,524 | 11,960 | | 8,907,314 | 8,451,860 | 361,762 | 90,577 | 2,115 | 13,622,312 | 4,714,998 | 14 |
| 24,008,619 | 100,736 | 249,746 | | 33,848,967 | 28,015,297 | 4,376,128 | 1,446,549 | 10,893 | 102,389,012 | 68,540,145 | 15 |
| 3,764,360 | 3,926,985 | 46,005 | 81,168 | 50,167,843 | 49,671,293 | 258,195 | 234,600 | 2,755 | 139,901,840 | 89,733,697 | 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 | 6,228,425 | 104,318 | 649,943,088 | 143,881,569 | 18 |
| 11,180,773 | 5,730,325 | 97,281 | 121,288 | 106,234,288 | 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 | 31,949,595 | 30,363,802 | 493,483 | 592,165 | 500,078 | 90,840,544 | 58,891,618 | 20 |
| 183,957,529 | 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 | 52,999,621 | 22 |
| 484,710 | 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 | 17,536,906 | 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 | 88,636 | | 24,909,824 | 24,196,954 | 280,537 | 365,202 | 67,131 | 55,406,804 | 36,491,070 | 27 |
| 132,944,964 | 18,008,248 | 300,951 | 36,333 | 191,733,637 | 187,372,510 | 1,627,597 | 4,991,944 | 17,741,586 | 515,435,609 | 323,701,972 | 28 |
| 104,083,541 | 8,553,674 | 767,336 | 775,451 | 187,326,473 | 180,975,920 | 3,065,366 | 2,933,020 | 352,126 | 470,462,442 | 283,135,970 | 29 |
| 34,181,498 | 1,580,383 | 172,382 | 23,734 | 59,893,331 | 47,718,907 | 9,331,905 | 2,770,040 | 72,470 | 158,271,647 | 98,378,316 | 30 |
| 3,941,548 | 187,202 | 102,272 | 6,759 | 18,793,765 | 17,025,910 | 1,592,196 | 174,056 | 1,593 | 34,331,639 | 15,557,884 | 31 |
| 469,677 | 127,009 | | 2,022 | 1,065,785 | 1,062,992 | 9,695 | 15,508 | 7,350 | 2,108,990 | 1,013,265 | 32 |
| 5,436,278 | 301,196 | 11,914 | | 7,243,336 | 6,006,569 | 74,279 | 214,656 | 947,932 | 18,614,837 | 11,371,501 | 33 |
| 70,767,944 | 1,920,797 | 183,599 | 168,416 | 78,971,923 | 67,296,635 | 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 | 1,390,269 | 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 | 2,796 | 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 | 16,604,454 | 13,966,634 | 1,444,346 | 1,283,054 | 420 | 46,241,969 | 29,547,526 | 38 |
| 260,723 | 29,282 | | | 738,966 | 719,213 | 3,085 | 5,720 | 10,978 | 1,401,105 | 602,109 | 39 |
| 603,182 | | | | 164,811 | 137,071 | 1,124 | 14,952 | 11,664 | 1,182,947 | 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 | 7,037,397 | 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 | 4,687,394 | 1,747,012 | 45 |
| 11,837,057 | 947,121 | 52,163 | 57,899 | 16,987,854 | 16,052,725 | 628,399 | 183,452 | 125,278 | 39,591,929 | 22,513,075 | 46 |
| 4,210,354 | 102,181 | 21,037 | | 8,173,832 | 7,912,345 | 177,816 | 83,671 | | 16,099,816 | 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 | 3,790,541 | 49 |
| 3,597,970 | 685,509 | 1,087 | 13,416 | 8,804,884 | 8,590,005 | 98,798 | 129,805 | 76,276 | 20,329,879 | 11,524,995 | 50 |
| 100,774,988 | 4,553,376 | 382,697 | 97,856 | 121,122,941 | 112,328,877 | 1,158,060 | 2,032,577 | 5,603,427 | 277,170,371 | 156,047,430 | 51 |
| 41,862,268 | 701,353 | 62,338 | 43,085 | 66,573,220 | 63,342,174 | 857,616 | 889,966 | 1,494,464 | 138,665,497 | 72,090,267 | 52 |
| 4,639,398 | 267,372 | 24,850 | 2,776 | 1,706,993 | 1,262,455 | 420,982 | 82,932 | 644 | 9,350,660 | 7,652,667 | 53 |
| 6,368,350 | 27,332 | 5,161 | 10,560 | 689,629 | 293,021 | 33,284 | 142,405 | 20,829 | 9,251,940 | 8,762,301 | 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 ¹ | | | | | | | SALARIES AND WAGES | | |
|-----------|--|--------------------------|------------------------------|---|-----------------------------------|--------------------|--|--------------|--------------|-------|--------------------|-----------------------------------|------------------------|
| | | | | Total | Salaried officers of corporations | Manufacturing | | Distribution | Construction | Other | Total ² | Salaried officers of corporations | Manufacturing Salaries |
| | | | | | | Salaried employees | Wage earners (average for year) ³ | | | | | | |
| | INDUSTRY—continued | | | | | | | | | | | | |
| 1 | 4 House dresses, uniforms, and aprons—made in house factories or by jobbers engaging contractors | 487 | 303 | 31,341 | 373 | 1,600 | 27,833 | 1,459 | 5 | 71 | \$24,450,959 | \$2,037,692 | \$2,284,433 |
| 2 | 4 Housefurnishings (except curtains, draperies, and bedspreads) | 472 | 347 | 13,108 | 330 | 841 | 10,623 | 1,240 | 23 | 31 | 12,880,286 | 1,708,115 | 1,129,171 |
| 3 | 6 Household furniture, except upholstered | 1,592 | 889 | 108,144 | 1,905 | 6,986 | 94,760 | 4,161 | 212 | 200 | 113,071,352 | 9,082,758 | 11,329,509 |
| 4 | 1 Ice cream and ice | 2,794 | 1,816 | 35,923 | 1,289 | 3,449 | 15,711 | 14,074 | 470 | 1,016 | 50,628,962 | 5,211,081 | 5,449,690 |
| 5 | 1 Ice, manufactured | 3,975 | 1,267 | 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 | 588,795 |
| 7 | 17 Industrial machinery, not elsewhere classified | 379 | 195 | 30,308 | 960 | 5,002 | 21,938 | 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 | 9,428 | 743 | 1,396 | 5,617 | 2,298 | 55 | 40 | 15,556,764 | 3,478,631 | 2,610,078 |
| 9 | 18 Insulated wire and cable | 79 | 15 | 19,234 | 118 | 2,480 | 15,605 | 700 | 129 | 113 | 29,788,998 | 930,787 | 5,497,329 |
| 10 | 17 Internal-combustion engines | 74 | 13 | 19,902 | 160 | 3,329 | 14,752 | 1,342 | 195 | 34 | 33,321,655 | 1,325,949 | 7,537,207 |
| 11 | 13 Jewelry findings and materials | 82 | 49 | 3,412 | 94 | 306 | 2,813 | 189 | 4 | 6 | 4,790,440 | 791,128 | 618,979 |
| 12 | 29 Jewelry cases and instrument cases | 132 | 105 | 6,073 | 98 | 490 | 5,127 | 310 | 58 | — | 7,152,299 | 681,217 | 804,727 |
| 13 | 13 Jewelry (precious metals) | 385 | 790 | 15,958 | 622 | 1,824 | 17,378 | 1,185 | 16 | 50 | 22,397,525 | 3,038,214 | 2,785,467 |
| 14 | 3 Luggage (except suit) | 22 | 4 | 4,947 | 34 | 336 | 3,596 | 37 | 24 | — | 4,111,378 | 249,568 | 658,403 |
| 15 | 3 Knitted cloth | 239 | 109 | 12,432 | 244 | 943 | 10,917 | 261 | 49 | 18 | 14,042,760 | 1,524,614 | 1,784,902 |
| 16 | 3 Knitted gloves | 20 | 8 | 5,830 | 18 | 196 | 5,574 | 55 | 23 | 3 | 4,384,034 | 132,701 | 290,796 |
| 17 | 3 Knitted outerwear (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 outerwear (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 | 42,564 | 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 | 92 | 49 | 3,845 | 161 | 266 | 2,982 | 362 | 2 | 2 | 5,386,268 | 519,021 | 805,606 |
| 21 | 3 Luggage | 63 | 25 | 8,341 | 96 | 793 | 7,254 | 279 | 9 | — | 10,791,794 | 675,195 | 1,298,071 |
| 22 | 20 Lamp shades | 128 | 101 | 3,195 | 88 | 162 | 2,671 | 179 | 5 | — | 3,224,633 | 207,401 | 207,401 |
| 23 | 15 Lapidary work | 90 | 132 | 317 | 18 | 20 | 267 | 8 | — | 4 | 490,366 | 49,950 | 26,328 |
| 24 | 6 Luggage and related products | 46 | 15 | 1,848 | 48 | 185 | 1,519 | 93 | 3 | — | 2,849,571 | 246,156 | 362,534 |
| 25 | 27 Laundry equipment, domestic | 42 | 6 | 9,610 | 89 | 1,095 | 7,466 | 849 | 59 | 82 | 13,890,421 | 622,449 | 1,952,851 |
| 26 | 12 Leather gloves and mittens | 233 | 225 | 11,128 | 191 | 372 | 9,995 | 336 | 9 | 20 | 9,416,347 | 714,211 | 760,998 |
| 27 | 12 Leather goods not elsewhere classified | 160 | 145 | 2,893 | 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 | — | — | 7,009,003 | 752,273 | 693,759 |
| 29 | 12 Leather, tanned, curried, and finished—regular factories or jobbers engaging contractors | 335 | 89 | 45,638 | 449 | 2,800 | 41,795 | 461 | 133 | — | 61,657,227 | 3,852,326 | 6,015,143 |
| 30 | 15 Lighting fixtures | 368 | 346 | 25,686 | 650 | 2,416 | 20,477 | 1,999 | 12 | 132 | 35,757,741 | 3,709,681 | 4,604,120 |
| 31 | 15 Luggage | 269 | 169 | 10,917 | 184 | 719 | 9,438 | 362 | 205 | 18 | 11,916,480 | 672,438 | 1,361,167 |
| 32 | 3 Linen goods | 9 | 1 | 1,885 | 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 | 1,324,902 |
| 34 | 9 Liqueur, oil, cake, and meal | 25 | 4 | 2,388 | 6 | 238 | 2,120 | 16 | — | 2 | 3,782,486 | 47,215 | 482,395 |
| 35 | 1 Liquors, distilled | 133 | 5 | 5,732 | 131 | 900 | 4,091 | 246 | 167 | 217 | 8,258,731 | 699,919 | 1,616,336 |
| 36 | 1 Liquors, rectified or blended | 168 | 16 | 4,255 | 106 | 886 | 2,818 | 463 | 4 | 15 | 6,353,390 | 687,815 | 1,484,461 |
| 37 | 8 Lithography and photo-lithography (including preparation of stones or plates and dry transfers) | 729 | 278 | 34,722 | 1,179 | 3,966 | 29,000 | 3,464 | 78 | 35 | 62,178,985 | 7,331,679 | 7,985,605 |
| 38 | 19 Locomotives (including frames) and parts railroad, mining, and industrial | 13 | 4 | 8,310 | 24 | 1,465 | 6,470 | 311 | 37 | 3 | 13,913,435 | 173,913 | 3,220,689 |
| 39 | 5 Logging camps and logging contractors (not operating sawmills) | 967 | 1,092 | 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 | 4,189 | 247 | 708 | 2,128 | 1,035 | 87 | 33 | 7,648,324 | 1,263,091 | 1,428,134 |
| 41 | 1 Macaroni, spaghetti, vermicelli, and noodles | 228 | 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 | 8,190 | 483 | 892 | 6,244 | 480 | 1 | — | 14,095,489 | 2,063,530 | 1,576,325 |
| 43 | 17 Machine-shop products not elsewhere classified | 2,135 | 1,216 | 79,399 | 2,102 | 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 | 512 | 962 | 9,176 | 238 | 3 | 37 | 15,568,342 | 1,410,910 | 1,468,769 |
| 45 | 17 Machine-tool and other metalworking-machine accessories, metal-cutting and shaping tools, and machinists' precision tools | 954 | 609 | 31,542 | 1,028 | 3,234 | 25,161 | 1,746 | 117 | 261 | 58,679,346 | 6,180,926 | 6,808,217 |
| 46 | 17 Machine tools | 390 | 19 | 47,675 | 495 | 7,725 | 39,624 | 2,050 | 320 | 461 | 94,776,401 | 5,009,246 | 10,546,480 |
| 47 | 14 Machine-iron castings | 51 | 2 | 29,180 | 179 | 1,658 | 18,041 | 246 | 65 | 6 | 26,415,115 | 1,047,601 | 3,142,715 |
| 48 | 1 Malt | 52 | 2 | 1,902 | 50 | 231 | 1,459 | 77 | 68 | 17 | 4,130,702 | 677,132 | 588,471 |
| 49 | 1 Malt liquors | 603 | 40 | 61,185 | 1,216 | 4,667 | 56,088 | 17,424 | 735 | 1,115 | 122,264,690 | 9,657,007 | 10,441,516 |
| 50 | 6 Matches | 28 | 3 | 5,940 | 23 | 395 | 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 | 29,261,956 | 2,891,091 | 3,314,500 |
| 52 | 17 Measuring and dispensing pumps | 35 | 7 | 7,395 | 66 | 1,030 | 5,954 | 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 | 1,220 | 6,692 | 497 | 15 | 28 | 13,102,696 | 698,648 | 2,410,520 |
| 54 | 1 Metal casting, wholesale | 1,478 | 1,190 | 198,108 | 1,449 | 15,627 | 119,853 | 28,459 | 1,437 | 1,292 | 255,561,747 | 8,979,631 | 31,101,362 |
| 55 | 17 Mechanical power-transmission equipment | 218 | 60 | 37,353 | 380 | 4,352 | 30,268 | 2,124 | 94 | 145 | 61,190,554 | 3,482,635 | 9,012,492 |

See footnotes at end of table.

GENERAL SUMMARY

31

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 ¹ | Value added by manu- facture ² | |
|------------------------------|--------------|-------------------|-------------|---|---------------------------|------------|---------------------------------|------------------|--------------------------------|--|----|
| Manufactur- ing—Con. | | | | | | | | | | | |
| Wages | Distribution | Construc- tion | Other | Total ³ | Materials and supplies | Fuel | Purchased electric energy | Contract work | | | |
| \$17,637,610 | \$2,417,055 | \$6,516 | \$76,653 | \$61,683,442 | \$57,638,303 | \$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 | 42,996,804 | 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 | 149,983,568 | 2,024,427 | 2,704,287 | 490,018 | 328,620,913 | 173,437,415 | 3 |
| 17,344,035 | 20,423,235 | 712,637 | 1,488,223 | 145,924,115 | 134,691,706 | 1,710,327 | 5,591,512 | 12,042 | 283,890,581 | 139,882,666 | 4 |
| 17,601,804 | 14,625,872 | 303,578 | 561,661 | 26,010,218 | 6,237,042 | 3,701,017 | 15,971,583 | 10,576 | 130,166,312 | 104,156,064 | 5 |
| 2,860,652 | 725,364 | 9,115 | 3,712 | 13,696,416 | 13,374,701 | 99,998 | 190,490 | 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 | 962,201 | 1,358,713 | 694,566 | 140,628,049 | 87,663,577 | 7 |
| 5,393,213 | 3,930,054 | 102,387 | 42,401 | 44,375,652 | 43,277,425 | 511,499 | 404,936 | 181,703 | 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 | 340,711 | 120,330,050 | 50,265,479 | 9 |
| 21,503,252 | 2,721,963 | 125,859 | 107,425 | 53,455,778 | 51,522,510 | 1,104,400 | 324,002 | 497,836 | 110,357,964 | 56,902,186 | 10 |
| 2,974,875 | 392,444 | 8,226 | 4,788 | 14,493,587 | 14,129,559 | 61,818 | 116,579 | 185,431 | 22,488,960 | 7,965,573 | 11 |
| 4,691,283 | 853,508 | 61,564 | 6,478,978 | 6,478,978 | 6,243,778 | 50,253 | 127,285 | 57,602 | 16,670,434 | 10,191,456 | 12 |
| 14,243,142 | 2,247,727 | 29,003 | 34,596,938 | 34,596,938 | 33,046,756 | 108,159 | 232,323 | 1,189,700 | 71,418,667 | 36,821,729 | 13 |
| 3,118,291 | 68,308 | 16,898 | 7,784,357 | 7,784,357 | 7,474,800 | 143,416 | 295,135 | (7) | 16,897,414 | 9,114,057 | 14 |
| 10,165,641 | 494,999 | 59,289 | 44,296,633 | 44,296,633 | 41,480,312 | 121,430 | 555,948 | 1,447,943 | 68,662,722 | 24,437,089 | 15 |
| 3,839,330 | 97,190 | 21,131 | 4,998,466 | 4,998,466 | 4,693,369 | 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 | 6,238,121 | 97,641,147 | 39,530,276 | 18 |
| 27,404,709 | 2,507,679 | 112,216 | 38,536 | 61,614,201 | 59,216,757 | 546,682 | 568,636 | 987,126 | 113,353,462 | 51,739,291 | 19 |
| 8,350,765 | 704,915 | 2,913 | 6,313,529 | 6,313,529 | 5,961,083 | 80,118 | 190,411 | 151,947 | 14,655,189 | 8,341,651 | 20 |
| 8,106,969 | 728,663 | 12,956 | 8,784,613 | 8,784,613 | 8,227,824 | 341,116 | 89,007 | 126,666 | 24,137,550 | 15,352,937 | 21 |
| 1,715,155 | 221,056 | 8,059 | 4,894,442 | 4,894,442 | 4,315,008 | 7,891 | 33,883 | 27,665 | 8,975,706 | 3,991,264 | 22 |
| 391,656 | 19,894 | 3,638 | 3,756,537 | 3,756,537 | 3,705,721 | 30,857 | 8,466 | 40,291 | 5,128,926 | 1,373,589 | 23 |
| 1,035,127 | 239,918 | 5,838 | 2,026,266 | 2,026,266 | 1,897,188 | 39,663 | 87,342 | 11,066 | 6,672,100 | 4,645,834 | 24 |
| 9,277,024 | 1,873,800 | 102,919 | 36,965,346 | 36,965,346 | 35,706,872 | 281,419 | 371,170 | 3,885 | 61,691,221 | 25,235,875 | 25 |
| 7,406,682 | 499,512 | 10,240 | 13,762,965 | 13,762,965 | 12,571,808 | 69,196 | 83,503 | 1,035,478 | 26,830,856 | 13,067,671 | 26 |
| 2,087,363 | 228,275 | 2,340 | 4,240,886 | 4,240,886 | 4,120,208 | 18,488 | 49,216 | 52,974 | 8,911,482 | 4,670,596 | 27 |
| 6,212,934 | 50,037 | ----- | 6,302,515 | 6,302,515 | 5,461,629 | 452,496 | 229,996 | 138,404 | 16,709,502 | 10,406,987 | 28 |
| 50,570,248 | 1,043,763 | 175,757 | 222,741,041 | 222,741,041 | 211,063,678 | 3,497,296 | 1,510,999 | 6,060,167 | 329,728,052 | 106,987,611 | 29 |
| 23,238,474 | 3,947,721 | 18,661 | 59,850,099 | 59,850,099 | 57,869,697 | 627,286 | 999,083 | 354,439 | 124,581,725 | 64,731,229 | 30 |
| 9,068,627 | 527,470 | 244,634 | 13,705,840 | 13,705,840 | 7,288,216 | 5,033,194 | 1,443,493 | 29,938 | 36,671,171 | 23,265,331 | 31 |
| 1,496,185 | 36,581 | ----- | 3,350,611 | 3,350,611 | 3,224,041 | 77,568 | 40,662 | (7) | 6,297,642 | 2,947,031 | 32 |
| 10,405,841 | 1,350,591 | 87,864 | 28,369,104 | 28,369,104 | 26,979,664 | 813,691 | 547,749 | 28,099 | 69,874,678 | 41,505,874 | 33 |
| 3,193,158 | 40,473 | 16,128 | 56,456,099 | 56,456,099 | 55,679,329 | 383,927 | 392,843 | ----- | 68,011,767 | 11,565,668 | 34 |
| 4,884,598 | 492,541 | 196,715 | 28,333,830 | 28,333,830 | 26,083,702 | 1,898,263 | 491,633 | 10,245 | 56,089,145 | 27,696,395 | 35 |
| 3,215,970 | 934,727 | 8,360 | 28,244,679 | 28,244,679 | 27,961,516 | 129,905 | 133,428 | ----- | 49,143,605 | 20,898,926 | 36 |
| 37,929,201 | 8,713,536 | 155,446 | 63,518 | 57,686,434 | 49,330,263 | 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 | 230,374 | 102,837 | 47,425,590 | 21,498,801 | 38 |
| 22,703,098 | 134,802 | 622,345 | 143,554 | 28,164,565 | 29,302,098 | 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 | 19,221,350 | 41 |
| 10,424,914 | 927,871 | 2,849 | 3,052,076 | 3,052,076 | 2,211,510 | 111,441 | 316,427 | 412,698 | 25,096,407 | 22,044,421 | 42 |
| 81,659,539 | 10,967,216 | 477,095 | 941,296 | 141,492,964 | 132,786,360 | 3,169,747 | 3,547,961 | 1,689,196 | 360,334,229 | 218,841,265 | 43 |
| 12,273,448 | 384,318 | 4,684 | 26,213 | 10,997,646 | 10,071,811 | 285,093 | 579,741 | 61,091 | 38,166,257 | 27,168,621 | 44 |
| 41,346,606 | 3,820,100 | 188,495 | 335,002 | 31,410,211 | 28,159,708 | 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 | 63,855,133 | 59,940,248 | 1,109,919 | 1,547,801 | 1,308,174 | 218,044,728 | 154,178,595 | 46 |
| 21,555,449 | 575,484 | 86,098 | 17,930,661 | 17,930,661 | 14,035,843 | 2,773,367 | 1,019,416 | 90,953 | 53,430,770 | 35,500,089 | 47 |
| 2,503,142 | 193,709 | 46,998 | 37,250 | 39,295,774 | 37,321,890 | 1,343,699 | 628,255 | ----- | 58,478,581 | 19,182,807 | 48 |
| 62,231,236 | 36,290,542 | 1,356,408 | 2,287,981 | 162,896,515 | 153,071,102 | 6,392,639 | 3,067,874 | 135,130 | 526,976,938 | 363,180,423 | 49 |
| 5,597,503 | 218,900 | 3,000 | 2,000 | 13,098,259 | 13,655,137 | 367,165 | 121,911 | 14,026 | 23,577,201 | 11,478,942 | 50 |
| 19,498,327 | 3,477,996 | 15,657 | 69,385 | 69,941,584 | 59,920,909 | 326,964 | 662,465 | 31,346 | 113,114,833 | 52,173,049 | 51 |
| 6,760,717 | 2,490,720 | 106,961 | 64,144 | 19,019,628 | 18,124,210 | 177,368 | 218,232 | 492,628 | 41,236,332 | 25,266,704 | 52 |
| 8,873,656 | 1,070,478 | 16,203 | 33,491 | 13,177,382 | 12,716,798 | 181,227 | 227,362 | 52,026 | 39,684,434 | 26,507,052 | 53 |
| 161,523,772 | 49,695,679 | 2,106,298 | 2,155,195 | 2,226,559,039 | 2,267,486,622 | 10,363,840 | 7,026,317 | 1,462,260 | 2,648,323,552 | 421,786,513 | 54 |
| 43,761,830 | 4,618,784 | 147,943 | 185,870 | 50,366,749 | 46,818,844 | 1,204,578 | 1,958,933 | 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 1 2 | | | | | | | SALARIES AND WAGES | | |
|-----------|---|--------------------------|------------------------------|--|-----------------------------------|--------------------|-----------------------------------|--------------|--------------|-------|--------------------|-----------------------------------|------------------------|
| | | | | Total | Salaried officers of corporations | Manufacturing | | Distribution | Construction | Other | Total 4 | Salaried officers of corporations | Manufacturing Salaries |
| | | | | | | Salaried employees | Wage earners (average for year) 2 | | | | | | |
| | INDUSTRY—continued | | | | | | | | | | | | |
| 1 | 4 Men's and boys' hats and caps (except felt and straw) | 270 | 318 | 3,909 | 128 | 197 | 3,283 | 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 | 440 | 202 | 61,248 | 350 | 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 | 1,073 | 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 | 1,308 | 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 | 20 | 204 | 5,332 | 75 | 13 | 9 | 3,576,532 | 156,264 | 265,871 |
| 8 | 4 Men's underwear—made in inside factories or by jobbers engaging contractors | 34 | 37 | 946 | 6 | 17 | 917 | 6 | | | 607,904 | 32,212 | 22,063 |
| 9 | 17 Metal working machinery and equipment, not elsewhere classified | 347 | 311 | 10,421 | 251 | 508 | 8,686 | 929 | 1 | 46 | 10,346,954 | 1,154,212 | 740,838 |
| 10 | 4 Millinery | 178 | 35 | 21,609 | 302 | 3,734 | 15,899 | 990 | 27 | 57 | 37,367,967 | 2,429,370 | 7,642,340 |
| 11 | 13 Minerals and earths, ground or otherwise treated | 1,030 | 670 | 29,260 | 1,081 | 1,674 | 24,298 | 2,143 | 3 | 61 | 36,692,673 | 4,200,084 | 2,754,881 |
| 12 | 13 Mineral wool | 237 | 30 | 6,970 | 197 | 654 | 5,858 | 174 | 81 | 6 | 8,326,637 | 820,806 | 1,261,354 |
| 13 | 17 Mining machinery and equipment | 33 | 15 | 2,297 | 49 | 215 | 1,885 | 87 | 61 | | 2,601,566 | 263,839 | 383,391 |
| 14 | 6 Mirror frames and picture frames | 63 | 17 | 6,901 | 114 | 1,093 | 4,940 | 708 | 20 | 26 | 10,644,810 | 758,840 | 2,188,455 |
| 15 | 13 Mirrors and other glass products made of purchased glass | 132 | 122 | 3,951 | 161 | 262 | 3,220 | 307 | | 1 | 4,626,763 | 656,143 | 395,923 |
| 16 | 20 Miscellaneous fabricated products not elsewhere classified | 537 | 369 | 12,195 | 472 | 930 | 10,012 | 720 | 20 | 41 | 15,168,351 | 1,744,957 | 1,550,920 |
| 17 | 4 Miscellaneous fabricated textile products not elsewhere classified | 532 | 403 | 16,459 | 486 | 1,286 | 13,608 | 1,053 | 17 | 9 | 16,973,418 | 2,049,307 | 2,083,446 |
| 18 | 20 Models and patterns (except paper patterns) | 300 | 213 | 7,300 | 251 | 586 | 5,852 | 557 | 36 | 18 | 7,965,278 | 1,180,835 | 930,323 |
| 19 | 13 Monuments, tombstones, cut-stone, and stone products not elsewhere classified | 663 | 667 | 6,608 | 366 | 443 | 5,566 | 257 | 6 | | 11,857,209 | 1,510,007 | 840,229 |
| 20 | 10 Motorcycles, bicycles, and parts | 1,344 | 974 | 22,827 | 919 | 1,816 | 18,516 | 1,474 | 55 | 56 | 29,893,711 | 2,701,488 | 2,922,537 |
| 21 | 10 Motor vehicles, motor-vehicle bodies, parts and accessories | 36 | 8 | 3,382 | 70 | 735 | 6,973 | 512 | 12 | | 11,863,153 | 619,347 | 1,374,115 |
| 22 | 9 Machinery, parts, and other adhesives, except glue and rubber cement | 1,064 | 490 | 458,723 | 1,281 | 44,753 | 397,537 | 14,054 | 306 | 792 | 791,483,980 | 10,260,918 | 104,570,626 |
| 23 | 20 Musical instruments, parts, and materials not elsewhere classified | 64 | 37 | 578 | 51 | 111 | 285 | 129 | | 2 | 948,128 | 191,837 | 206,461 |
| 24 | 14 Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills | 161 | 64 | 4,194 | 117 | 401 | 3,191 | 370 | 25 | | 5,710,088 | 539,108 | 590,994 |
| 25 | 13 Natural graphite, ground and refined | 26 | 5 | 2,996 | 64 | 264 | 2,515 | 128 | 25 | | 3,850,716 | 388,363 | 434,810 |
| 26 | 20 Needles, pins, hooks and eyes, and slide and snap fasteners | 6 | 2 | 88 | 4 | 14 | 56 | 14 | | | 163,142 | 31,683 | 38,490 |
| 27 | 8 Newspapers, publishing and printing | 58 | 12 | 12,537 | 86 | 1,632 | 10,493 | 922 | 494 | | 18,183,881 | 898,431 | 2,897,591 |
| 28 | 8 Newspapers, publishing without printing | 6,878 | 5,768 | 204,897 | 4,177 | 62,396 | 96,991 | 41,025 | 262 | 26 | 379,127,956 | 25,315,955 | 122,113,051 |
| 29 | 1 Nonalcoholic beverages | 431 | 246 | 2,532 | 184 | 1,665 | 260 | 423 | | | 3,252,593 | 460,796 | 1,899,302 |
| 30 | 13 Nonferrous metal foundries | 4,594 | 3,530 | 34,994 | 2,827 | 4,739 | 21,265 | 25,357 | 210 | 596 | 76,831,849 | 11,862,603 | 7,446,711 |
| 31 | 13 Nonferrous metal foundries (except aluminum) | 46 | 2 | 5,278 | 49 | 366 | 4,792 | 63 | 3 | 5 | 6,580,146 | 258,893 | 780,529 |
| 32 | 15 Nonferrous metal products not elsewhere classified | 600 | 426 | 11,499 | 474 | 966 | 9,699 | 294 | 28 | 58 | 16,682,104 | 1,982,857 | 1,792,441 |
| 33 | 17 Office and store machines, not elsewhere classified | 438 | 225 | 39,594 | 536 | 3,322 | 24,834 | 1,395 | 344 | 163 | 48,993,295 | 3,820,896 | 6,727,011 |
| 34 | 8 Office furniture | 123 | 26 | 44,144 | 197 | 5,811 | 36,204 | 1,693 | 167 | 72 | 67,676,777 | 1,943,881 | 11,830,254 |
| 35 | 14 Oil burners, domestic and industrial | 102 | 64 | 14,921 | 230 | 1,392 | 11,776 | 1,306 | 45 | 172 | 19,978,611 | 1,211,809 | 2,432,785 |
| 36 | 17 Oil-field machinery and tools | 130 | 32 | 2,723 | 173 | 541 | 1,498 | 501 | | 10 | 4,588,075 | 791,146 | 863,141 |
| 37 | 1 Oleomargarine—not made in meat-packing establishments | 223 | 93 | 16,815 | 241 | 2,297 | 12,524 | 1,545 | 160 | 48 | 28,940,301 | 1,802,143 | 4,841,908 |
| 38 | 20 Optician goods: lenses and fittings | 18 | 1 | 1,709 | 26 | 234 | 984 | 442 | 8 | 15 | 2,806,387 | 257,969 | 508,349 |
| 39 | 20 Optical instruments and lenses | 91 | 32 | 13,497 | 148 | 1,958 | 10,252 | 963 | 160 | 16 | 19,270,860 | 1,282,090 | 3,409,696 |
| 40 | 20 Organic | 30 | 13 | 1,767 | 32 | 208 | 1,372 | 108 | 47 | | 2,677,313 | 197,604 | 436,794 |
| 41 | 20 Organic | 34 | 15 | 1,251 | 51 | 88 | 969 | 123 | | | 1,555,936 | 155,282 | 146,185 |
| 42 | 9 Paints, varnishes, and lacquers | 33 | | 24,060 | 26 | 2,066 | 21,008 | 364 | 502 | 94 | 39,003,487 | 235,668 | 5,530,098 |
| 43 | 7 Paper and paperboard mills | 1,196 | 386 | 38,154 | 1,439 | 5,825 | 22,334 | 8,095 | 166 | 294 | 70,395,267 | 9,038,114 | 11,968,838 |
| 44 | 7 Paper bags, except those made in paper 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 Paperboard containers and boxes not elsewhere classified | 119 | 19 | 12,703 | 140 | 896 | 11,081 | 509 | 67 | 10 | 14,933,981 | 1,332,305 | 1,673,734 |
| 46 | | 1,538 | 437 | 75,379 | 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

33

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 ^{1,2} | Value added by manu- facture ³ | |
|------------------------------|--------------|--------------|-----------|---|------------------------|------------|---------------------------|---------------|----------------------------------|--|----|
| Manufacturing—Con. | | | | | | | | | | | |
| Wages | Distribution | Construction | Other | Total ⁴ | 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 | 97,384,115 | 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 | 60,448,112 | 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 | 796,152 | 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 | 170,195 | 659,327 | 390,097 | 105,660,643 | 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 | 38,963,146 | 24,243,527 | 12 |
| 1,820,727 | 131,918 | 66,631 | 3,534,865 | 2,712,034 | 664,867 | 157,964 | 157,964 | ----- | 8,237,552 | 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 | 33,558,999 | 18,184,841 | 14 |
| 3,064,776 | 509,138 | ----- | 783 | 5,570,293 | 5,321,934 | 41,958 | 113,890 | 92,511 | 13,249,567 | 7,679,214 | 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 | 22,402,943 | 211,170 | 380,471 | 327,496 | 51,549,418 | 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 |
| 21,999,096 | 2,134,597 | 80,330 | 55,063 | 25,286,612 | 21,733,201 | 547,380 | 2,232,369 | 773,642 | 75,811,785 | 50,525,173 | 20 |
| 8,973,875 | 875,209 | 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 | 16,645,374 | 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 | ----- | 1,251,296 | 399,313 | 26 |
| 11,804,341 | 1,702,633 | 880,885 | ----- | 13,484,971 | 12,781,117 | 181,663 | 270,952 | 281,239 | 38,155,126 | 24,670,155 | 27 |
| 164,355,044 | 68,594,277 | 704,144 | 45,485 | 227,177,331 | 202,810,974 | 2,651,478 | 7,205,049 | 15,009,830 | 898,225,000 | 671,047,669 | 28 |
| 363,445 | 529,050 | ----- | ----- | 5,314,630 | 427,902 | 9,009 | 25,893 | 4,851,826 | 11,963,611 | 6,618,981 | 29 |
| 20,344,719 | 36,120,502 | 271,425 | 785,889 | 153,935,249 | 149,677,814 | 1,800,842 | 2,632,748 | 123,845 | 365,778,630 | 211,843,681 | 30 |
| 5,316,179 | 193,683 | 20,070 | 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 | 562,834 | 257,612 | 55,636,898 | 26,933,585 | 32 |
| 34,761,402 | 3,100,625 | 418,339 | 175,022 | 62,004,668 | 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 | 699,234 | 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 | 56,698 | 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 | 978,956 | 127,447 | 88,977,327 | 57,072,781 | 37 |
| 1,294,512 | 797,239 | 13,853 | 24,465 | 21,734,278 | 21,467,103 | 133,598 | 133,667 | ----- | 34,101,757 | 12,367,479 | 38 |
| 12,246,093 | 2,074,537 | 237,745 | 19,889 | 14,209,313 | 13,674,877 | 340,477 | 278,719 | 15,240 | 44,954,653 | 30,745,349 | 39 |
| 1,847,767 | 148,894 | 46,254 | ----- | 1,113,634 | 1,004,291 | 30,500 | 37,649 | 41,194 | 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 |
| 31,770,615 | 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 | 245,570,815 | 241,438,815 | 1,853,657 | 2,136,758 | 141,667 | 434,960,890 | 189,390,053 | 43 |
| 142,600,328 | 7,898,343 | 4,403,301 | 434,364 | 532,260,321 | 473,236,078 | 43,506,787 | 15,387,272 | 130,384 | 933,015,664 | 400,755,143 | 44 |
| 10,628,601 | 1,154,183 | 129,908 | 18,250 | 53,964,442 | 53,171,074 | 136,331 | 346,743 | 310,294 | 85,776,374 | 31,811,932 | 45 |
| 63,806,013 | 9,939,874 | 434,830 | 110,630 | 213,838,608 | 209,725,722 | 1,511,833 | 2,013,602 | 587,431 | 382,796,595 | 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 12 | | | | | | | SALARIES AND WAGES | | |
|-----------|---|--------------------------|------------------------------|---|-----------------------------------|--------------------|-----------------------------------|--------------|--------------|-------|--------------------|-----------------------------------|------------------------|
| | | | | Total | Salaried officers of corporations | Manufacturing | | Distribution | Construction | Other | Total 4 | Salaried officers of corporations | Manufacturing Salaries |
| | | | | | | Salaried employees | Wage earners (average for year) 3 | | | | | | |
| | Industry—continued | | | | | | | | | | | | |
| 1 17 | Paper-mill, pulp-mill, and paper-products machinery | 99 | 28 | 7,258 | 192 | 1,206 | 5,405 | 411 | 26 | 14 | \$12,990,332 | \$1,005,548 | \$2,437,694 |
| 2 6 | Partitions, shelving, cabinet work, and office and store fixtures | 716 | 516 | 17,841 | 702 | 1,622 | 13,826 | 1,541 | 33 | 77 | 26,039,336 | 2,960,036 | 2,814,676 |
| 3 10 | Paving blocks and paving mixtures: asphalt, untreated wood, and composition | 231 | 33 | 3,193 | 113 | 389 | 2,437 | 232 | 29 | 3 | 4,494,084 | 544,928 | 738,745 |
| 4 20 | Pencils (except mechanical) and crayons | 46 | 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 | 1,259 | 12 | — | 7,859,711 | 751,688 | 820,678 |
| 6 9 | Perfumes, cosmetics, and other toilet preparations | 539 | 201 | 15,614 | 371 | 1,069 | 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 | 20,963 | 5,501 | 112 | 34 | 60,033,717 | 3,967,234 | 14,080,609 |
| 8 8 | Periodicals: publishing without printing | 1,958 | 532 | 27,254 | 1,839 | 15,141 | 436 | 9,816 | 2 | — | 59,350,698 | 11,111,674 | 27,660,563 |
| 9 10 | Photoengraving, not done in printing establishments (including preparation of plates) | 485 | 109 | 103,972 | 335 | 14,407 | 72,840 | 2,513 | 10,175 | 702 | 199,547,331 | 2,112,748 | 36,069,048 |
| 11 20 | Photographic apparatus and materials and projection equipment (except lenses) | 694 | 394 | 13,747 | 981 | 1,626 | 9,207 | 1,923 | 3 | 2 | 35,019,183 | 4,880,820 | 3,140,030 |
| 12 20 | Plano and organ parts and materials | 160 | 79 | 24,497 | 181 | 4,238 | 17,271 | 1,062 | 1,686 | 59 | 40,880,449 | 1,222,938 | 9,545,127 |
| 13 20 | Plastics | 23 | 2 | 1,591 | 36 | 98 | 1,315 | 45 | 5 | — | 1,944,840 | 213,138 | 243,737 |
| 14 1 | Pickled fruits and vegetables and vegetable cannes and seasonings | 35 | 4 | 5,397 | 48 | 464 | 5,311 | 158 | 6 | — | 7,613,404 | 243,302 | 867,950 |
| 15 5 | Planing mills not operated in conjunction with sawmills | 377 | 261 | 12,194 | 294 | 822 | 9,998 | 1,109 | 34 | 27 | 11,740,305 | 1,173,288 | 1,397,756 |
| 16 9 | Plastic materials | 3,976 | 2,042 | 76,242 | 2,291 | 5,861 | 62,838 | 4,783 | 145 | 414 | 88,418,374 | 8,087,811 | 9,478,127 |
| 17 5 | Plywood mills | 28 | 1 | 16,693 | 44 | 2,017 | 6,966 | 429 | 612 | 12 | 16,916,989 | 503,226 | 4,254,643 |
| 18 13 | Porcelain electrical supplies | 86 | 24 | 16,597 | 142 | 514 | 9,805 | 92 | 28 | 16 | 11,942,712 | 683,537 | 967,264 |
| 19 13 | Pottery products not elsewhere classified | 42 | 7 | 6,395 | 72 | 631 | 6,018 | 131 | 44 | 1 | 8,769,011 | 564,701 | 1,253,088 |
| 20 1 | Poultry dressing and packing, wholesale | 151 | 103 | 6,972 | 161 | 459 | 6,054 | 236 | 16 | 5 | 8,549,161 | 781,954 | 793,839 |
| 21 14 | Power boilers and associated products | 765 | 359 | 16,731 | 188 | 1,235 | 14,596 | 687 | 19 | 96 | 11,955,717 | 623,545 | 1,759,825 |
| 22 1 | Prepared feeds (including mineral) for animals and fowls | 448 | 199 | 25,369 | 661 | 4,046 | 18,888 | 1,882 | 21 | 11 | 40,337,636 | 3,277,693 | 7,928,343 |
| 23 1 | Preserves, jams, jellies, and fruit butters | 1,383 | 931 | 24,177 | 794 | 2,747 | 15,401 | 4,761 | 243 | 231 | 31,803,464 | 3,875,937 | 4,436,823 |
| 24 13 | Primary smelting and refining of nonferrous metals | 171 | 79 | 4,774 | 153 | 393 | 3,717 | 447 | 23 | 41 | 5,289,747 | 700,062 | 621,931 |
| 25 9 | Printing ink | 63 | 1 | 22,906 | 16 | 3,791 | 27,639 | 14 | 659 | 886 | 49,822,691 | 142,496 | 8,913,869 |
| 26 17 | Printing-press machinery and equipment | 296 | 41 | 4,376 | 280 | 885 | 2,572 | 698 | 7 | 14 | 9,073,056 | 1,359,652 | 2,136,495 |
| 27 2 | Processed waste and recovered wool fibers—contract factories | 291 | 93 | 13,139 | 261 | 2,002 | 9,376 | 1,376 | 20 | 104 | 23,480,578 | 1,816,454 | 4,178,695 |
| 28 3 | Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors | 27 | 9 | 693 | 25 | 46 | 619 | 3 | — | — | 742,794 | 99,705 | 74,001 |
| 29 20 | Professional and scientific instruments (except surgical and dental) | 126 | 54 | 4,990 | 171 | 387 | 4,225 | 189 | 18 | — | 5,424,661 | 1,000,988 | 631,290 |
| 30 6 | Public-building furniture | 218 | 116 | 13,896 | 262 | 2,715 | 9,429 | 1,165 | 81 | 211 | 24,319,640 | 1,901,420 | 5,466,706 |
| 31 7 | Pulp goods (pressed, molded) | 195 | 48 | 7,062 | 141 | 777 | 5,930 | 228 | 19 | 6 | 9,058,119 | 630,379 | 1,298,891 |
| 32 7 | Pulp mills | 14 | 4 | 856 | 18 | 75 | 701 | 62 | — | — | 1,080,929 | 86,531 | 103,491 |
| 33 17 | Pumping equipment and air compressors | 194 | 2 | 30,613 | 65 | 2,314 | 26,870 | 36 | 1,123 | 208 | 40,866,247 | 635,481 | 5,243,830 |
| 34 1 | Quack-draw foods | 337 | 113 | 27,187 | 491 | 4,374 | 19,190 | 2,831 | 139 | 181 | 43,266,655 | 2,870,775 | 8,299,311 |
| 35 16 | Radios, radio tubes, and phonographs | 36 | 16 | 2,825 | 19 | 122 | 2,640 | 38 | 3 | 3 | 1,995,416 | 110,831 | 169,911 |
| 36 4 | Refrigerators and other waterproof garments (except oiled cotton) | 224 | 62 | 55,024 | 261 | 7,294 | 43,508 | 3,891 | 640 | 123 | 75,696,501 | 3,013,462 | 14,836,322 |
| 37 6 | Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets | 76 | 36 | 2,728 | 72 | 151 | 2,323 | 179 | — | 3 | 2,673,412 | 310,167 | 260,352 |
| 38 9 | Rapen and allied products | 47 | 32 | 1,631 | 56 | 161 | 1,377 | 96 | — | 1 | 1,510,977 | 301,397 | 153,023 |
| 39 3 | Rapen broad woven goods—contract factories | 39 | — | 53,471 | 36 | 5,236 | 48,332 | 207 | 1,333 | 283 | 75,217,022 | 604,051 | 11,689,302 |
| 40 3 | Rapen broad woven goods—regular factories or jobbers engaging contractors | 79 | 42 | 4,374 | 77 | 169 | 4,313 | 15 | — | — | 3,875,757 | 210,374 | 238,799 |
| 41 3 | Rapen narrow fabrics | 196 | 36 | 68,296 | 228 | 2,405 | 65,432 | 222 | — | 9 | 69,129,705 | 1,713,319 | 4,310,258 |
| 42 3 | Rapen throwing and spinning—contract factories | 129 | 65 | 6,931 | 113 | 506 | 5,999 | 302 | 6 | 5 | 6,454,834 | 541,691 | 774,673 |
| 43 3 | Rapen yarn and thread, spun or thrown—regular factories or jobbers engaging contractors | 32 | 15 | 2,546 | 21 | 95 | 2,423 | 7 | — | — | 1,738,790 | 98,558 | 134,163 |
| 44 11 | Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units | 92 | 11 | 6,385 | 62 | 338 | 5,930 | 50 | 5 | — | 4,939,758 | 331,768 | 495,148 |
| 45 17 | Refrigerators, commercial (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units | 16 | — | 1,262 | 16 | 96 | 1,072 | 31 | 62 | 5 | 1,989,617 | 159,000 | 227,207 |
| 46 1 | Rice cleaning and polishing | 309 | 136 | 43,174 | 388 | 4,615 | 35,160 | 2,627 | 201 | 183 | 65,774,100 | 2,326,447 | 9,465,047 |
| 47 6 | Ropes, twines, and cordage | 72 | 28 | 3,218 | 83 | 502 | 2,446 | 2,627 | 13 | 54 | 3,094,104 | 323,647 | 828,704 |
| 48 10 | Ropes, twines, and cordage: dressing houses | 264 | 237 | 8,716 | 191 | 527 | 7,377 | 572 | 3 | 46 | 8,280,452 | 811,786 | 772,043 |
| | Ropes, twines, and cordage: other | 129 | 36 | 10,174 | 68 | 1,001 | 8,048 | 909 | 145 | 12 | 14,060,259 | 648,302 | 2,094,215 |

See footnotes at end of table.

GENERAL SUMMARY

35

INDUSTRY GROUPS AND BY INDUSTRIES: 1939—Continued

| SALARIES AND WAGES—continued | | | | COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK | | | | | | | |
|------------------------------|--------------|-------------------|-----------|---|---------------------------|------------|---------------------------------|------------------|--------------------------|--------------------------------------|----|
| Manufactur- ing—Con. | | | | | | | | | | | |
| Wages | Distribution | Construc- tion | Other | Total 4 | Materials and supplies | Fuel | Purchased electric energy | Contract work | Value of products 4 5 | Value added by manu- facture 6 | |
| \$7,775,242 | \$1,105,540 | \$51,736 | \$14,572 | \$12,727,445 | \$12,141,188 | \$250,565 | \$254,034 | \$81,718 | \$32,419,924 | \$19,692,479 | 1 |
| 17,735,228 | 2,407,947 | 54,416 | 67,033 | 30,596,708 | 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 | 186,329 | 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 | 58,569,926 | 57,145,560 | 290,266 | 265,234 | 198,926 | 147,465,585 | 88,955,659 | 6 |
| 33,002,502 | 8,767,510 | 197,813 | 18,040 | 57,632,898 | 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 | 26,294 | 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 | 2,209,639 | 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 | 2,809,829 | 143,840 | 42,556,269 | 40,528,150 | 1,083,122 | 684,675 | 268,922 | 133,899,429 | 91,343,160 | 11 |
| 1,430,642 | 48,362 | 8,961 | ----- | 1,927,298 | 1,829,883 | 56,249 | 40,291 | 825 | 4,771,563 | 2,844,265 | 12 |
| 6,123,348 | 367,600 | 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 | (7) | 72,637,388 | 30,618,715 | 14 |
| 62,815,065 | 7,447,338 | 189,945 | 490,088 | 177,734,772 | 172,448,263 | 1,099,516 | 3,134,639 | 1,072,354 | 329,613,516 | 142,878,744 | 15 |
| 9,839,935 | 1,248,324 | 1,049,061 | 21,797 | 40,563,521 | 38,332,809 | 1,396,547 | 654,237 | 179,931 | 77,623,314 | 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 | 3,817,000 | 2,800,378 | 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 | (7) | 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 | 1,591,175 | 140,959,533 | 70,304,786 | 21 |
| 16,262,988 | 6,694,642 | 295,114 | 247,960 | 302,640,178 | 298,420,369 | 1,113,775 | 3,039,845 | 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 | (7) | 38,625,559 | 11,343,695 | 23 |
| 38,411,086 | 32,286 | 992,842 | 1,330,022 | 819,570,289 | 791,402,032 | 14,488,045 | 11,643,971 | 2,041,241 | 959,572,486 | 137,002,197 | 24 |
| 3,701,318 | 1,854,055 | 11,319 | 13,217 | 25,166,941 | 24,464,942 | 163,638 | 534,681 | 2,780 | 49,131,575 | 23,965,534 | 25 |
| 14,646,950 | 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 | 69,309 | (7) | 1,449,449 | 1,204,491 | 27 |
| 3,370,149 | 406,558 | 15,678 | ----- | 22,233,857 | 21,550,332 | 247,268 | 311,721 | 124,535 | 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 | 214,796 | 26,678,659 | 15,241,110 | 30 |
| 818,699 | 72,205 | 1,522,772 | ----- | 1,522,772 | 1,225,994 | 116,138 | 186,629 | 3,826,343 | 2,303,621 | 2,303,621 | 31 |
| 33,087,514 | 134,664 | 1,258,747 | 506,011 | 144,738,646 | 127,768,914 | 11,402,602 | 5,518,728 | 46,402 | 229,851,822 | 82,115,176 | 32 |
| 26,208,019 | 5,437,053 | 210,267 | 250,230 | 54,203,943 | 52,622,568 | 1,022,824 | 771,462 | 367,089 | 134,940,777 | 80,736,834 | 33 |
| 1,656,025 | 39,029 | 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 | 139,020,062 | 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 | 26,429 | 160 | 3,917,695 | 2,241,153 | 37 |
| 60,029,523 | 608,489 | 1,874,830 | 381,397 | 78,459,669 | 71,297,741 | 6,014,754 | 1,099,414 | 47,763 | 247,065,556 | 168,065,857 | 38 |
| 3,119,831 | 6,753 | ----- | ----- | 627,095 | 349,389 | 35,160 | 242,546 | (7) | 5,306,825 | 4,679,730 | 39 |
| 53,435,008 | 661,050 | 1,099 | 9,052 | 177,442,588 | 170,000,196 | 937,962 | 3,610,354 | 2,894,056 | 272,713,927 | 95,271,339 | 40 |
| 4,764,593 | 371,283 | 3,462 | 9,132 | 9,013,531 | 8,682,547 | 119,501 | 201,483 | (7) | 20,516,419 | 11,502,888 | 41 |
| 1,480,436 | 25,632 | ----- | ----- | 592,337 | 302,200 | 34,273 | 255,864 | (7) | 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 | 7,843,687 | 43 |
| 1,477,036 | 48,676 | 52,599 | 5,099 | 2,992,406 | 2,249,921 | 173,271 | 567,214 | ----- | 6,894,018 | 3,991,612 | 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 | 33,892,651 | 33,623,771 | 42,911 | 133,699 | 270 | 42,363,349 | 8,560,698 | 46 |
| 5,700,600 | 958,198 | 3,333 | 34,492 | 25,682,969 | 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 1 2 | | | | | | | SALARIES AND WAGES | | |
|-----------|---|--------------------------|------------------------------|--|-----------------------------------|--------------------|-----------------------------------|--------------|--------------|-------|--------------------|-----------------------------------|------------------------|
| | | | | Total | Salaried officers of corporations | Manufacturing | | Distribution | Construction | Other | Total 4 | Salaried officers of corporations | Manufacturing Salaries |
| | | | | | | Salaried employees | Wage earners (average for year) 3 | | | | | | |
| | INDUSTRY—continued | | | | | | | | | | | | |
| 1 | 13 Rubber tile | 16 | 9 | 728 | 7 | 75 | 628 | 16 | | | \$787,360 | \$11,002 | \$136,966 |
| 2 | 11 Rubber boots and shoes (including rubber-soled footwear with fabric uppers) | 13 | | 13,998 | 29 | 2,072 | 14,961 | 994 | 109 | 33 | 22,056,016 | 222,801 | 3,250,389 |
| 3 | 11 Rubber products not elsewhere classified | 519 | 156 | 63,189 | 741 | 6,066 | 59,622 | 4,003 | 955 | 132 | 80,732,785 | 4,981,425 | 12,339,249 |
| 4 | 12 Saddlery, harness, and whips | 136 | 180 | 3,351 | 111 | 255 | 2,755 | 221 | 6 | 3 | 3,415,580 | 357,601 | 348,457 |
| 5 | 14 Suits and suits | 16 | 6 | 1,558 | 22 | 297 | 1,296 | 84 | 3 | 6 | 2,285,911 | 140,785 | 348,830 |
| 6 | 11 Tailored dressings | 134 | 87 | 3,511 | 76 | 326 | 2,556 | 500 | 18 | 35 | 4,190,235 | 294,447 | 575,655 |
| 7 | 9 Suits | 49 | 4 | 4,555 | 30 | 377 | 3,737 | 234 | 168 | 9 | 5,927,903 | 238,343 | 827,292 |
| 8 | 13 Bond-time 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 | 7,794 | 6,998 | 287,272 | 2,147 | 12,824 | 265,185 | 3,998 | 2,388 | 730 | 254,598,365 | 8,028,293 | 21,343,580 |
| 12 | 14 Saws | 57 | 42 | 4,692 | 97 | 599 | 4,072 | 218 | 5 | 1 | 7,097,396 | 594,783 | 951,808 |
| 13 | 17 Scales and balances | 36 | 16 | 3,757 | 82 | 523 | 2,539 | 306 | 6 | 1 | 5,560,413 | 469,713 | 1,048,061 |
| 14 | 14 Screw-machine products and wood screws | 345 | 182 | 26,960 | 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 | 63 | 6 | 7,651 | 77 | 335 | 6,496 | 195 | 36 | 2 | 8,276,040 | 391,355 | 1,221,046 |
| 18 | 17 Sewing machines, domestic and industrial | 29 | 11 | 9,568 | 56 | 1,110 | 7,840 | 286 | 273 | 3 | 14,895,466 | 490,471 | 2,369,156 |
| 19 | 13 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 | 496 | 198 | 75,118 | 483 | 7,175 | 66,611 | 398 | 345 | 108 | 126,244,783 | 3,108,546 | 17,091,104 |
| 21 | 20 Signs, advertising displays, and advertising novelties | 1,365 | 1,025 | 23,370 | 1,023 | 2,246 | 17,206 | 2,824 | 68 | 3 | 33,074,925 | 4,577,951 | 3,575,754 |
| 22 | 3 Silk broad woven goods—contract factories | 37 | 20 | 1,169 | 26 | 50 | 1,066 | 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 | 1,050,577 |
| 24 | 3 Silk narrow fabrics | 190 | 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 | 9,696 | 48 | 486 | 9,191 | 163 | 5 | 3 | 8,498,789 | 575,875 | 898,063 |
| 27 | 15 Sewerware and related ware | 130 | 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 | 4,556 | 106 | 264 | 3,615 | 345 | | | 4,460,959 | 597,822 | 370,886 |
| 29 | 9 Soap and glycerin | 264 | 98 | 29,191 | 285 | 3,445 | 13,624 | 2,521 | 386 | 30 | 33,090,782 | 1,731,812 | 6,870,102 |
| 30 | 20 Soda fountains, beer dispensing equipment, and related products | 51 | 18 | 2,027 | 52 | 277 | 1,590 | 114 | 1 | | 3,367,841 | 195,099 | 590,904 |
| 31 | 9 Soybean oil, cake, and meal | 47 | 15 | 2,010 | 17 | 321 | 1,481 | 102 | 87 | 2 | 2,850,754 | 87,882 | 575,487 |
| 32 | 1 Special dairy products | 31 | 11 | 3,063 | 34 | 330 | 2,378 | 285 | 10 | 45 | 3,800,085 | 187,448 | 661,754 |
| 33 | 17 Special industry machinery, not elsewhere classified | 297 | 79 | 13,648 | 317 | 2,094 | 10,388 | 802 | 12 | 35 | 23,205,920 | 2,071,598 | 4,184,513 |
| 34 | 29 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 | 399,690 | 1,677,972 |
| 39 | 13 Steam and other packing, pipe and boiler covering | 134 | 49 | 7,531 | 161 | 719 | 5,967 | 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 | 10,523,900 | 340,739 | 2,776,193 |
| 41 | 14 Steam fittings, regardless of material | 181 | 29 | 27,991 | 329 | 4,242 | 21,815 | 1,466 | 27 | 52 | 42,787,133 | 2,268,760 | 7,856,327 |
| 42 | 14 Steel barrels, bags, and drums | 64 | 8 | 6,904 | 71 | 550 | 6,072 | 280 | 11 | | 9,544,686 | 525,040 | 1,060,835 |
| 43 | 14 Steel castings | 164 | 6 | 25,567 | 335 | 3,957 | 30,088 | 875 | 258 | 54 | 55,545,434 | 2,591,831 | 8,428,580 |
| 44 | 14 Steel works and rolling mills | 259 | 1 | 413,290 | 384 | 34,449 | 398,904 | 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 | 50,964 | 734 | 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 baggage | 329 | 223 | 9,294 | 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 | 2,292 | 54 | 249 | 2,558 | 336 | | 5 | 3,152,804 | 245,684 | 385,018 |

See footnotes at end of table.

GENERAL SUMMARY

37

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 ¹ | Value added by manu- facture ² | |
|------------------------------|--------------|-------------------|----------|---|---------------------------|-------------|---------------------------------|------------------|--------------------------------|--|----|
| Manufactur- ing—Con. | | | | | | | | | | | |
| Wages | Distribution | Construc- tion | Other | Total ³ | Materials and supplies | Fuel | Purchased electric energy | Contract work | | | |
| \$615,607 | \$22,006 | \$1,779 | ----- | \$376,245 | \$141,578 | \$205,073 | \$29,594 | ----- | \$1,824,881 | \$1,448,636 | 1 |
| 16,801,537 | 1,554,017 | 189,029 | \$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 | 264,525,260 | 141,649,823 | 3 |
| 2,388,239 | 314,374 | 4,756 | 2,153 | 6,876,684 | 6,756,855 | 52,508 | 52,193 | 15,198 | 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 | 6,064,319 | 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 | 264,300 | 16,606 | 9,568,742 | 7,338,580 | 2,088,071 | 142,001 | ----- | 27,530,172 | 17,961,430 | 7 |
| 414,466 | 74,960 | 4,817 | ----- | 637,730 | 510,163 | 78,273 | 49,294 | ----- | 1,915,875 | 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 | 623,831 | 1,343,933 | (7) | 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 | 844,509 | 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 | 734,347 | 6,932 | 884 | 4,987,514 | 4,676,264 | 111,011 | 112,494 | 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 | 1,194,135 | 947,890 | 82,806,869 | 50,157,656 | 14 |
| 1,089,944 | 699,322 | ----- | 72,470 | 94,783,030 | 94,485,005 | 165,164 | 92,173 | 40,688 | 101,783,864 | 7,000,834 | 15 |
| 4,369,477 | 701,936 | 84,572 | 47,642 | 65,436,289 | 63,960,891 | 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 | 18,265,679 | 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 | 21,006,335 | 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 | 2,486,747 | 638,065 | 327,387,099 | 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 | ----- | ----- | 131,700 | 54,675 | 10,277 | 66,857 | (7) | 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 | 4,385,723 | 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 | 6,962,482 | 28 |
| 18,800,527 | 4,844,957 | 809,071 | 28,313 | 161,002,676 | 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 | 473,567 | 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 | 507,939 | 183,258 | 64,753,813 | 38,064,018 | 34 |
| 4,277,439 | 321,107 | 20,746 | 6,086 | 12,795,702 | 12,033,716 | 493,407 | 267,369 | 1,210 | 23,044,252 | 10,248,550 | 35 |
| 37,635,454 | 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 |
| 1,150,824 | 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 | ----- | 17,165,288 | 15,718,041 | 942,290 | 498,706 | 6,282 | 45,377,801 | 28,212,533 | 38 |
| 7,190,308 | 1,380,533 | 86,842 | 20,845 | 17,608,350 | 16,628,640 | 697,983 | 269,681 | 12,046 | 37,170,483 | 19,502,133 | 39 |
| 6,849,143 | 1,051,352 | 6,118 | 364 | 9,551,498 | 9,133,733 | 289,725 | 125,638 | 2,402 | 24,751,466 | 15,199,908 | 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 | ----- | 32,328,346 | 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 | 616,722 | 1,572,471,554 | 1,408,063,761 | 123,988,648 | 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 | 9,435,563 | 173,434 | 190,759 | 57,642 | 24,545,164 | 14,687,826 | 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 | 33,354 | 2,319,730 | 2,228,296 | 24,579 | 51,591 | 15,254 | 8,052,120 | 5,732,400 | 48 |
| 8,547,630 | 4,455,599 | 210,913 | ----- | 40,298,593 | 39,568,465 | 271,188 | 392,526 | 64,414 | 79,398,442 | 39,101,849 | 49 |
| 1,966,082 | 558,724 | ----- | 7,801 | 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 1 | | | | | | | SALARIES AND WAGES | | |
|----------------------|---|--------------------------|------------------------------|--|-----------------------------------|--------------------|---------------------------------|--------------|--------------|-------|--------------------|-----------------------------------|------------------------|
| | | | | Total | Salaried officers of corporations | Manufacturing | | Distribution | Construction | Other | Total 2 | Salaried officers of corporations | Manufacturing Salaries |
| | | | | | | Salaried employees | Wage earners (average for year) | | | | | | |
| INDUSTRY V—continued | | | | | | | | | | | | | |
| 1 | 13 Tableware, pressed or blown glass, and glassware not elsewhere classified | 115 | 29 | 31,820 | 183 | 2,667 | 27,330 | 992 | 182 | 26 | \$38,974,956 | \$1,216,089 | \$5,292,508 |
| 2 | 9 Tanning materials, natural dyestuffs, mordants, assistants, and dyes | 156 | 33 | 4,937 | 168 | 632 | 2,716 | 495 | 67 | 69 | 7,106,047 | 1,366,480 | 1,373,278 |
| 3 | 13 Tannin | 12 | 1 | 1,297 | 14 | 144 | 1,099 | 24 | 16 | | 1,666,836 | 62,691 | 241,931 |
| 4 | 4 Textile mills—made in textile mills | 216 | 110 | 12,963 | 199 | 968 | 11,991 | 758 | 15 | 12 | 14,530,646 | 1,087,185 | 1,652,014 |
| 5 | 17 Textile machinery | 300 | 125 | 27,289 | 411 | 2,866 | 21,964 | 1,662 | 361 | 175 | 39,586,846 | 2,717,426 | 4,967,188 |
| 6 | 15 Tin and other foil (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 | 249 | 33 | 38,613 | 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 | 8,300 | 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 | 30,976 | 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 | 215,163 |
| 11 | 14 Tools (except edge tools, machine tools, files, and saws) | 387 | 199 | 39,668 | 457 | 2,129 | 15,345 | 1,662 | 66 | 11 | 26,626,381 | 2,571,990 | 3,815,767 |
| 12 | 17 Tractors | 26 | 4 | 39,262 | 48 | 6,221 | 31,275 | 1,535 | 167 | 16 | 64,893,114 | 250,623 | 10,936,609 |
| 13 | 19 Transportation equipment not elsewhere classified | 41 | 20 | 1,543 | 51 | 157 | 1,262 | 73 | 10 | | 1,725,327 | 159,223 | 278,762 |
| 14 | 4 Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories | 395 | 395 | 6,297 | 296 | 179 | 5,553 | 295 | 5 | 35 | 6,816,872 | 837,015 | 253,603 |
| 15 | 4 Trimmings (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 | 323 | 3,728 | 488 | 7 | 14 | 5,361,264 | 849,664 | 510,073 |
| 16 | 4 Trousers (workmen), wash suits, and washable service apparel | 297 | 235 | 21,339 | 247 | 898 | 19,541 | 691 | 7 | 26 | 16,486,878 | 1,133,939 | 1,161,139 |
| 17 | 20 Umbrellas, parasols, and canes | 10 | 19 | 3,236 | 78 | 184 | 2,862 | 112 | | | 3,055,376 | 357,994 | 311,511 |
| 18 | 9 Upholstered household furniture | 853 | 675 | 34,251 | 671 | 2,363 | 29,949 | 1,967 | 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 | 1,198 | 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 | 3,342 | 354 | 8 | 2 | 7,261,067 | 856,340 | 971,530 |
| 21 | 6 Venetian blinds | 274 | 299 | 6,770 | 175 | 613 | 5,179 | 716 | 29 | 18 | 7,352,867 | 536,737 | 819,863 |
| 22 | 1 Vinegar and cider | 132 | 79 | 1,330 | 43 | 145 | 1,089 | 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 | 1,040,636 | 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 | 13 Watchcases | 42 | 27 | 3,086 | 51 | 349 | 2,469 | 188 | 41 | 48 | 4,297,603 | 344,915 | 549,450 |
| 28 | 13 Whiteware | 31 | 2 | 12,779 | 63 | 566 | 11,728 | 192 | 199 | 34 | 15,690,374 | 434,741 | 1,341,598 |
| 29 | 6 Window and door screens and weather strip | 162 | 122 | 3,616 | 151 | 298 | 2,834 | 338 | 1 | 18 | 4,621,299 | 615,847 | 461,715 |
| 30 | 6 Window shades | 273 | 219 | 4,072 | 110 | 325 | 3,291 | 265 | 7 | 4 | 4,821,455 | 397,561 | 515,583 |
| 31 | 1 Wines | 361 | 214 | 3,461 | 172 | 564 | 2,056 | 585 | 109 | 65 | 4,550,868 | 661,086 | 783,216 |
| 32 | 14 Wire drawn from purchased rods | 95 | 9 | 23,960 | 159 | 2,921 | 21,969 | 760 | 123 | 18 | 40,382,370 | 2,103,181 | 6,407,981 |
| 33 | 14 Wirework not elsewhere classified | 660 | 413 | 35,916 | 714 | 5,179 | 39,386 | 1,512 | 91 | 34 | 49,066,575 | 4,454,674 | 5,952,979 |
| 34 | 16 Wiring devices and supplies | 146 | 29 | 17,960 | 290 | 1,969 | 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 | 26 | 89 | 5,109 | 11 | 1 | 3 | 3,739,119 | 133,356 | 113,984 |
| 36 | 4 Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors | 179 | 129 | 5,791 | 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 | 80 | 3,837 | 42 | 81 | 3,763 | 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 | 183 | 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 | 49,537,720 | 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 | 3,281 | 53,966 | 7,979 | 17 | 478 | 94,272,575 | 10,456,328 | 7,389,191 |
| 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 | 213 | 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 | 379 | 267 | 22,624 | 291 | 924 | 20,509 | 851 | | | 18,812,156 | 1,602,861 | 1,360,767 |
| 44 | 4 Women's neckwear, scarves, etc. | 107 | 100 | 2,598 | 75 | 126 | 1,831 | 260 | 5 | 44 | 2,680,529 | 409,957 | 184,191 |

See footnotes at end of table.

GENERAL SUMMARY

39

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 ¹ | Value added by manu- facture ² | |
|------------------------------|---------------|-------------------|-----------|---|---------------------------|---------------|---------------------------------|------------------|--------------------------------|--|----|
| Manufactur- ing—Con. | | | | | | | | | | | |
| Wages | Distribution | Construc- tion | Other | Total ³ | 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, 554 | \$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 | 245, 092 | 56, 213 | 1, 014 | 3, 175, 310 | 2, 417, 869 | 3 |
| 10, 002, 651 | 1, 755, 123 | 22, 024 | 11, 049 | 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, 671, 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, 671, 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 | 163, 141 | 105, 459 | 81, 719, 385 | 80, 690, 839 | 331, 544 | 153, 796 | 543, 206 | 123, 687, 198 | 41, 067, 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, 934, 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, 483 | 253, 951, 435 | 118, 325, 096 | 12 |
| 1, 149, 973 | 131, 369 | 4, 000 | 2, 000 | 3, 123, 700 | 3, 021, 105 | 50, 755 | 47, 561 | 4, 288 | 6, 268, 610 | 3, 144, 901 | 13 |
| 5, 338, 500 | 349, 841 | 10, 079 | 27, 774 | 1, 786, 389 | 1, 519, 093 | 33, 848 | 148, 534 | 54, 914 | 12, 509, 867 | 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, 670 | 60, 984, 613 | 26, 171, 735 | 16 |
| 2, 193, 255 | 192, 626 | ----- | ----- | 6, 809, 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, 744, 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, 646 | 13, 417, 278 | 97, 745 | 119, 545 | 30, 381 | 25, 965, 350 | 12, 500, 404 | 21 |
| 876, 651 | 110, 199 | ----- | 7, 974 | 4, 265, 980 | 4, 082, 305 | 101, 515 | 101, 657 | 303 | 7, 595, 800 | 3, 239, 820 | 22 |
| 6, 315, 843 | 215, 274 | 26, 023 | 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, 446 | 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, 939, 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, 026 | 214, 728 | 79, 749 | 8, 167, 025 | 6, 851, 085 | 936, 297 | 279, 301 | 90, 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, 297 | 486, 537 | 6, 947 | 3, 530 | 15, 410, 218 | 15, 119, 337 | 179, 694 | 97, 557 | 13, 630 | 27, 070, 810 | 11, 060, 592 | 30 |
| 2, 023, 106 | 975, 082 | 77, 122 | 31, 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, 387, 142 | 149, 566 | 176, 503, 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, 620 | 1, 790 | 82, 308 | 6, 083, 118 | 36, 419, 098 | 11, 870, 253 | 36 |
| 2, 527, 648 | 8, 796 | 792 | 1, 326 | 284, 151 | 174, 563 | 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, 734 | 19, 348, 127 | 24, 592 | 110, 740 | 3, 168, 295 | 35, 759, 421 | 13, 107, 667 | 38 |
| 40, 747, 846 | 140, 791 | 2, 000 | 63, 432 | 3, 301, 064 | 2, 870, 758 | 89, 393 | 728, 437 | 112, 476 | 64, 935, 922 | 61, 634, 858 | 39 |
| 61, 652, 253 | 14, 241, 920 | 20, 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, 349, 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, 078, 146 | 403, 021 | ----- | 5, 214 | 7, 199, 545 | 6, 267, 298 | 3, 581 | 38, 108 | 890, 558 | 11, 947, 604 | 4, 748, 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 ¹ | | | | | | | SALARIES AND WAGES | | |
|-----------|---|--------------------------|------------------------------|---|-----------------------------------|--------------------|--|--------------|--------------|-------|--------------------|-----------------------------------|---------------|
| | | | | Total | Salaried officers of corporations | Manufacturing | | Distribution | Construction | Other | Total | Salaried officers of corporations | Manufacturing |
| | | | | | | Salaried employees | Wage earners (average for year) ² | | | | | | Salaries |
| | INDUSTRY—continued. | | | | | | | | | | | | |
| 1 | 13 Women's pocketbooks, handbags, and purses | 296 | 189 | 15,700 | 329 | 668 | 14,048 | 651 | 1 | 12 | \$14,777,416 | \$1,380,023 | \$1,178,102 |
| 2 | 6 Wooden boxes except cigar boxes | 642 | 356 | 28,909 | 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 | 2,335 | 26 | 192 | 3 | 2,886,900 | 138,604 | 635,089 |
| 4 | 6 Wood preserving | 218 | 19 | 12,639 | 94 | 935 | 11,242 | 180 | 167 | 5 | 12,205,883 | 360,191 | 1,649,757 |
| 5 | 6 Wood products not elsewhere classified | 996 | 645 | 28,088 | 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 Woollen and worsted manufactures—contract factories | 70 | 36 | 6,595 | 55 | 283 | 6,072 | 39 | 11 | 5 | 7,477,021 | 543,699 | 781,740 |
| 8 | 3 Woollen and worsted manufactures—regular factories or jobbers engaging contractors | 393 | 123 | 149,904 | 947 | 7,921 | 140,022 | 830 | 124 | 60 | 159,297,747 | 6,682,129 | 16,238,995 |
| 9 | 20 Wool pulling | 17 | 11 | 940 | 23 | 46 | 836 | 2 | 3 | ----- | 1,373,074 | 150,122 | 113,744 |
| 10 | 4 Work clothing (except work shirts), sport garments (except leathers), and other men's and boys' apparel, not elsewhere classified | 742 | 471 | 63,941 | 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 | 66 | 9,438 | 70 | 313 | 8,991 | 148 | 4 | 2 | 6,641,036 | 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 | 1,950 | 354 | ----- | 4 | 5,132,848 | 630,402 | 1,184,935 |

¹ No data for employees of central-administrative offices are included.² 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.³ 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

41

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 ⁴ | Value added by manu- facture ⁵ | |
|------------------------------|--------------|-------------------|----------|---|---------------------------|-----------|---------------------------------|------------------|--------------------------------|--|----|
| Manufactur- ing—Con. | | | | | | | | | | | |
| Wages | Distribution | Construc- tion | Other | Total ⁶ | Materials and supplies | Fuel | Purchased electric energy | Contract work | | | |
| \$11,738,826 | \$965,542 | \$3,655 | \$11,268 | \$32,877,638 | \$30,972,609 | \$15,358 | \$162,716 | \$1,725,955 | \$55,806,860 | \$22,929,222 | 1 |
| 19,159,030 | 957,444 | 45,709 | 109,931 | 45,757,032 | 44,624,012 | 138,226 | 865,981 | 129,873 | 87,353,766 | 41,596,674 | 2 |
| 1,896,591 | 42,240 | 204,356 | 1,620 | 6,524,259 | 6,163,965 | 242,348 | 117,956 | | 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 | 253,661 | 100,295,341 | 28,818,077 | 4 |
| 17,680,122 | 926,564 | 49,060 | 37,396 | 30,191,098 | 28,894,948 | 335,831 | 842,156 | 218,153 | 69,185,697 | 38,894,599 | 5 |
| 4,656,946 | 1,032,828 | 2,505 | 31,778 | 8,291,723 | 7,768,782 | 131,314 | 180,722 | 219,965 | 21,604,196 | 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 | 405,546,956 | 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 | 35,930 | 155,447 | 112,543,601 | 108,132,732 | 330,638 | 696,990 | 3,383,241 | 184,222,956 | 71,679,355 | 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 | 10,618 | 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 | 34,008,394 | 14 |
| 2,744,251 | 565,685 | ----- | 7,575 | 5,754,928 | 5,535,585 | 38,345 | 91,326 | 59,672 | 17,945,038 | 12,190,110 | 15 |

⁴ 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.

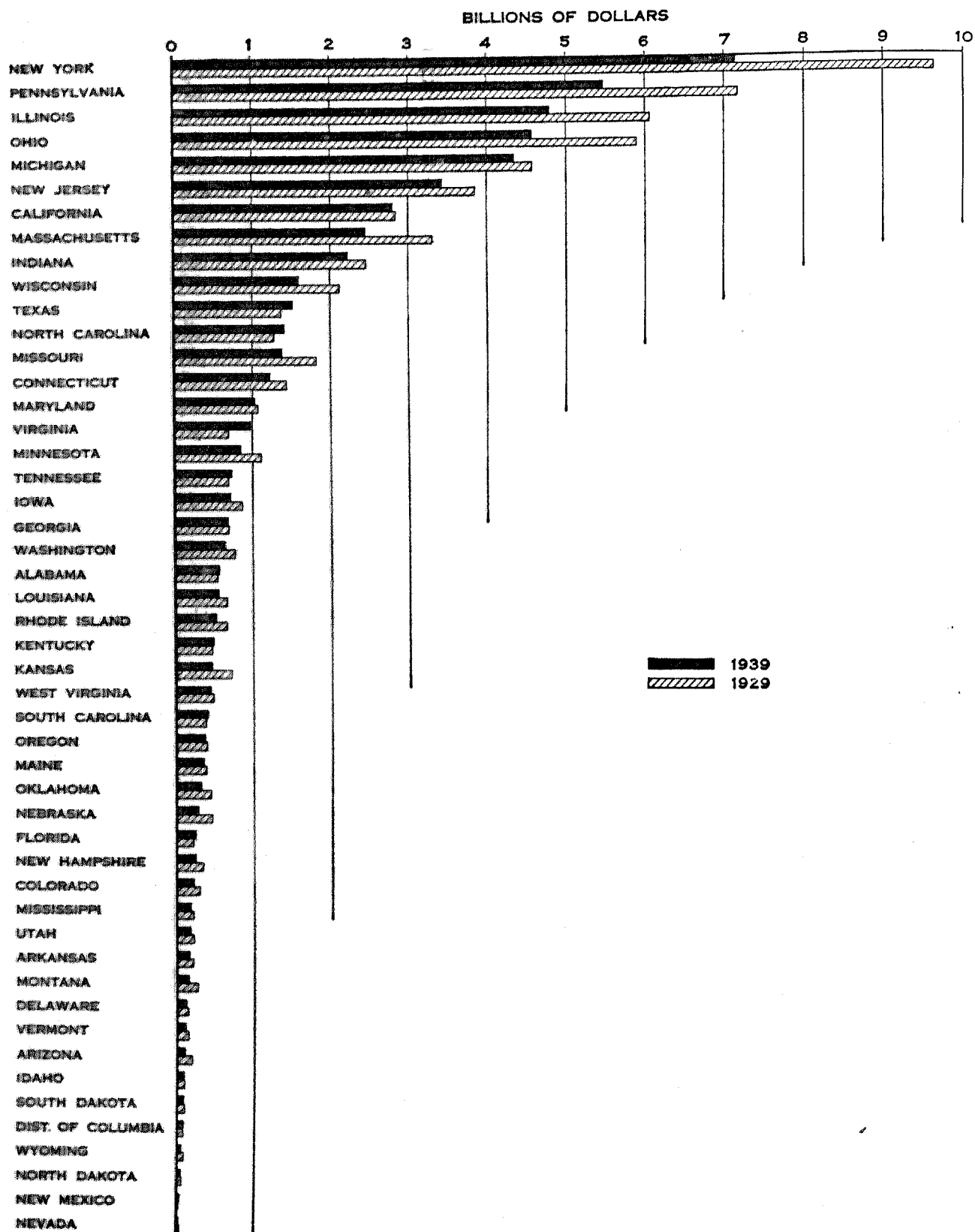
⁵ The aggregates for cost of materials and value of products include large but indeterminable amounts of duplication due to the use of the products of some industries as material by others. This duplication occurs, as a rule, between different industries, and is not found to any great extent in individual 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.

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

⁷ 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

43

VALUE ADDED BY MANUFACTURE, BY STATES, 1939 AND 1929

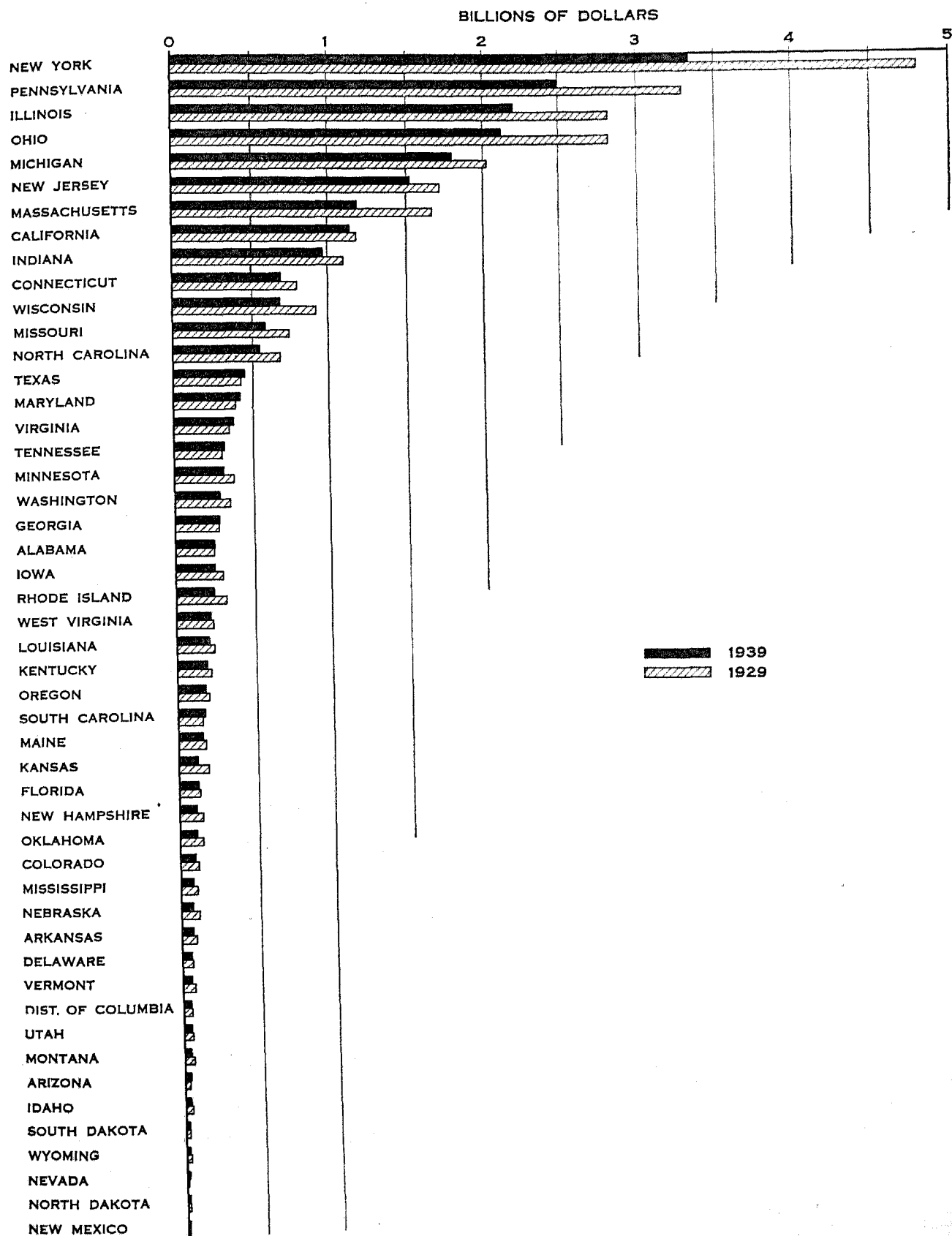


TABLE 7.—RELATIVE IMPORTANCE OF LEADING INDUSTRIES LISTED, ACCORDING TO NUMBER OF WAGE EARNERS: 1939

| Group No. | INDUSTRY | Number of establishments | WAGE EARNERS | | COST OF MATERIALS, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK | | VALUE OF PRODUCTS | | VALUE ADDED BY MANUFACTURE | |
|-----------|--|--------------------------|------------------|------|---|------|-------------------------|------|----------------------------|------|
| | | | Average for year | Rank | Amount | Rank | Amount | Rank | Amount | Rank |
| | All industries | 184,239 | 7,696,567 | | \$32,160,106,681 | | \$56,843,024,800 | | \$24,682,918,119 | |
| | Industries reporting 100,000 or more wage earners, total | 31,171 | 2,133,896 | | 9,141,096,712 | | 14,534,599,001 | | 5,393,508,289 | |
| 10 | Motor vehicles, motor-vehicle bodies, parts and accessories | 1,054 | 397,537 | 1 | 2,720,561,158 | 1 | 4,039,930,733 | 1 | 1,319,369,575 | 1 |
| 14 | Steel works and rolling mills | 253 | 308,904 | 2 | 1,872,471,554 | 4 | 2,720,019,564 | 2 | 1,147,548,010 | 2 |
| 3 | Cotton broad woven goods | 661 | 312,249 | 3 | 431,623,453 | 11 | 869,354,285 | 10 | 438,330,852 | 7 |
| 5 | Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills | 7,391 | 265,195 | 4 | 280,019,254 | 25 | 692,944,624 | 13 | 412,925,370 | 9 |
| 12 | Footwear (except rubber) | 1,070 | 218,628 | 5 | 388,439,102 | 14 | 734,673,111 | 12 | 346,234,009 | 12 |
| 1 | Bread and other bakery products (except biscuits, crackers, and pretzels) | 18,043 | 201,553 | 6 | 567,427,173 | 7 | 1,211,023,755 | 5 | 643,596,582 | 4 |
| 2 | Woolen and worsted manufactures—regular factories or jobbers engaging contractors | 582 | 149,022 | 7 | 422,349,478 | 12 | 685,311,713 | 14 | 262,962,235 | 15 |
| 1 | Meat packing, wholesale | 1,473 | 119,855 | 8 | 2,226,539,039 | 2 | 2,648,325,552 | 3 | 421,786,513 | 8 |
| 7 | Paper and paperboard mills | 638 | 110,373 | 9 | 932,260,521 | 8 | 933,015,062 | 8 | 400,755,143 | 10 |
| | Industries reporting 50,000 to 100,000 wage earners, total | 36,899 | 1,668,390 | | 6,191,372,094 | | 11,209,937,620 | | 5,018,565,526 | |
| 1 | Canned and dried fruits and vegetables (including canned soups) | 2,007 | 98,022 | 10 | 356,280,508 | 16 | 587,343,024 | 16 | 231,062,516 | 18 |
| 3 | Hosiery—full-fashioned | 499 | 97,300 | 11 | 121,122,941 | 53 | 277,170,371 | 46 | 156,047,430 | 31 |
| 3 | Newspapers: publishing and printing | 6,878 | 96,991 | 12 | 227,177,331 | 27 | 698,225,000 | 9 | 671,047,669 | 3 |
| 3 | General commercial (job) printing | 9,593 | 96,039 | 13 | 191,733,637 | 31 | 515,435,609 | 21 | 223,701,972 | 13 |
| 6 | Household furniture, except upholstered | 1,592 | 94,790 | 14 | 155,192,498 | 40 | 328,029,913 | 36 | 173,437,415 | 26 |
| 4 | Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors | 1,371 | 89,081 | 15 | 329,609,119 | 19 | 536,612,780 | 19 | 207,003,661 | 22 |
| 10 | Petroleum refining | 485 | 72,840 | 16 | 1,933,264,243 | 3 | 2,461,126,549 | 4 | 527,862,306 | 5 |
| 3 | Cotton yarn | 349 | 70,452 | 17 | 114,741,279 | 56 | 198,940,444 | 60 | 84,109,165 | 72 |
| 10 | Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified | 491 | 70,491 | 18 | 187,326,472 | 32 | 470,462,442 | 23 | 283,135,970 | 14 |
| 19 | Shipbuilding and ship repairing | 406 | 66,611 | 19 | 153,415,481 | 42 | 327,387,099 | 37 | 173,971,618 | 25 |
| 2 | Rayon broad woven goods—regular factories or jobbers engaging contractors | 196 | 65,432 | 20 | 177,442,588 | 34 | 272,713,927 | 48 | 95,271,339 | 59 |
| 3 | Planing mills not operated in conjunction with sawmills | 3,076 | 62,838 | 21 | 177,734,772 | 33 | 320,613,516 | 38 | 142,878,744 | 36 |
| 7 | Paperboard containers and boxes not elsewhere classified | 1,338 | 62,530 | 22 | 213,838,608 | 29 | 382,709,595 | 29 | 168,870,987 | 27 |
| 3 | Hosiery—seamless | 433 | 61,852 | 23 | 66,875,220 | 82 | 138,665,487 | 59 | 72,090,207 | 87 |
| 17 | Machine-shop products, not elsewhere classified | 2,125 | 60,717 | 24 | 141,492,964 | 47 | 360,334,229 | 33 | 218,841,265 | 20 |
| 9 | Chemicals not elsewhere classified | 543 | 60,268 | 25 | 368,635,583 | 15 | 839,760,366 | 11 | 471,114,783 | 6 |
| 3 | Dyeing and finishing cotton, rayon, silk, and linen textiles | 468 | 60,257 | 26 | 140,472,272 | 48 | 271,167,139 | 49 | 130,694,867 | 42 |
| 14 | Cray-iron and combined castings | 1,161 | 58,428 | 27 | 78,671,623 | 74 | 209,719,764 | 56 | 130,747,829 | 41 |
| 4 | Men's and boys' shirts (except work shirts), collars, and night-wear—made in inside factories or by jobbers engaging contractors | 449 | 57,082 | 28 | 107,491,718 | 50 | 181,174,168 | 65 | 73,682,450 | 83 |
| 4 | Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified | 742 | 56,939 | 29 | 112,543,601 | 57 | 184,222,956 | 64 | 71,679,355 | 88 |
| 11 | Tires and inner tubes | 53 | 54,115 | 30 | 349,356,866 | 17 | 580,928,993 | 17 | 231,372,127 | 17 |
| 4 | Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors | 1,426 | 53,966 | 31 | 284,628,004 | 21 | 441,324,635 | 25 | 166,096,631 | 30 |
| 2 | Cigars | 598 | 50,897 | 32 | 76,249,087 | 73 | 160,764,424 | 76 | 81,505,337 | 75 |
| 11 | Rubber products not elsewhere classified | 519 | 50,692 | 33 | 122,875,377 | 52 | 264,625,200 | 50 | 141,049,823 | 37 |
| | Industries reporting 25,000 to 50,000 wage earners, total | 17,268 | 1,290,111 | | 4,897,656,237 | | 9,178,385,938 | | 4,280,729,701 | |
| 4 | Women's and misses' dresses (except house dresses)—made in contract factories | 1,490 | 49,742 | 34 | 3,301,064 | 174 | 64,935,922 | 147 | 61,634,858 | 101 |
| 1 | Candy and other confectionery products | 1,253 | 49,740 | 35 | 170,735,600 | 36 | 297,761,813 | 40 | 127,026,213 | 45 |
| 19 | Aircraft and parts, including aircraft engines | 125 | 48,638 | 36 | 94,250,233 | 65 | 279,496,844 | 44 | 183,246,611 | 24 |
| 4 | Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories | 1,078 | 48,456 | 37 | 4,947,784 | 172 | 61,660,487 | 150 | 56,712,733 | 109 |
| 3 | Rayon and allied products | 30 | 48,332 | 38 | 78,459,699 | 75 | 247,065,556 | 52 | 168,605,857 | 28 |
| 10 | Radios, radio tubes, and phonographs | 224 | 43,508 | 39 | 145,850,163 | 45 | 275,870,165 | 47 | 130,020,002 | 43 |
| 12 | Leather tanned, curried, and finished—regular factories or jobbers engaging contractors | 335 | 41,795 | 40 | 222,741,041 | 28 | 329,728,052 | 35 | 106,987,011 | 54 |
| 14 | Stoves, ranges, water heaters, and hot-air furnaces (except electric) | 449 | 41,701 | 41 | 97,475,213 | 64 | 223,427,130 | 54 | 125,951,917 | 46 |
| 15 | Alloying and rolling and drawing of nonferrous metals, except aluminum | 188 | 38,816 | 42 | 280,890,489 | 22 | 445,060,017 | 24 | 164,160,528 | 29 |
| 3 | Knitted underwear | 199 | 38,536 | 43 | 61,614,391 | 90 | 113,353,402 | 106 | 51,739,201 | 117 |
| 17 | Machine tools | 200 | 36,624 | 44 | 63,866,133 | 86 | 218,044,728 | 55 | 154,178,595 | 32 |
| 17 | Office and store machines not elsewhere classified | 123 | 36,204 | 45 | 29,142,772 | 141 | 150,170,237 | 81 | 121,027,465 | 49 |
| 3 | Malt liquors | 605 | 36,095 | 46 | 162,896,515 | 38 | 526,076,938 | 20 | 363,180,423 | 11 |
| 14 | Hardware not elsewhere classified | 434 | 35,645 | 47 | 60,772,244 | 93 | 154,475,928 | 79 | 93,703,084 | 61 |
| 16 | Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills | 1,138 | 35,477 | 48 | 172,437,165 | 35 | 284,669,659 | 42 | 112,232,494 | 53 |
| 17 | Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units | 309 | 33,160 | 49 | 150,462,662 | 43 | 278,645,540 | 45 | 128,182,878 | 44 |
| 16 | Stamped and pressed metal products (except automobile stampings) | 655 | 33,112 | 50 | 89,140,826 | 68 | 178,395,076 | 66 | 89,254,250 | 64 |
| 10 | Communication equipment | 227 | 32,119 | 51 | 48,351,690 | 109 | 191,326,489 | 62 | 142,974,799 | 35 |
| 14 | Tin cans and other tinware not elsewhere classified | 248 | 31,770 | 52 | 249,044,215 | 25 | 372,616,014 | 30 | 128,571,790 | 48 |
| 17 | Tractors | 30 | 31,275 | 53 | 135,626,939 | 50 | 283,951,435 | 51 | 118,825,096 | 52 |

GENERAL SUMMARY

47

TABLE 7.—RELATIVE IMPORTANCE OF LEADING INDUSTRIES LISTED, ACCORDING TO NUMBER OF WAGE EARNERS: 1939—Continued

| Group No. | INDUSTRY | Number of establishments | WAGE EARNERS | | COST OF MATERIALS, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK | | VALUE OF PRODUCTS | | VALUE ADDED BY MANUFACTURE | |
|--|---|--------------------------|------------------|------|---|------|-------------------|------|----------------------------|------|
| | | | Average for year | Rank | Amount | Rank | Amount | Rank | Amount | Rank |
| Industries reporting 25,000 to 50,000 wage earners—Con. | | | | | | | | | | |
| 14 | Wirework not elsewhere classified..... | 609 | 30,386 | 54 | \$74,951,560 | 77 | \$158,816,863 | 77 | \$83,865,303 | 73 |
| 17 | Mechanical power-transmission equipment..... | 218 | 30,298 | 55 | 50,366,749 | 108 | 170,291,472 | 70 | 119,924,723 | 50 |
| 14 | Steel castings..... | 164 | 30,088 | 56 | 45,232,070 | 113 | 135,466,423 | 92 | 90,234,353 | 63 |
| 6 | Upholstered household furniture..... | 853 | 29,949 | 57 | 65,977,333 | 83 | 128,723,519 | 99 | 62,746,186 | 100 |
| 1 | Biscuit, crackers, and pretzels..... | 356 | 29,173 | 58 | 82,049,455 | 71 | 200,792,878 | 59 | 118,743,423 | 51 |
| 13 | Brick and hollow structural tile..... | 800 | 29,069 | 59 | 22,469,597 | 158 | 78,153,227 | 133 | 55,683,630 | 111 |
| 4 | House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors..... | 487 | 27,833 | 60 | 64,683,482 | 85 | 104,446,282 | 114 | 39,762,800 | 133 |
| 17 | Agricultural machinery (except tractors)..... | 317 | 27,806 | 61 | 79,270,104 | 72 | 167,895,292 | 74 | 88,625,188 | 66 |
| 15 | Primary smelting and refining of nonferrous metals..... | 63 | 27,630 | 62 | 819,576,289 | 5 | 956,572,486 | 7 | 137,062,197 | 40 |
| 2 | Cigarettes..... | 35 | 27,426 | 63 | 811,698,315 | 6 | 1,087,747,517 | 6 | 226,679,202 | 19 |
| 13 | Tableware, pressed or blown glass, and glassware not elsewhere classified..... | 115 | 27,336 | 64 | 27,632,202 | 146 | 97,317,363 | 119 | 70,284,161 | 90 |
| 7 | Pulp mills..... | 194 | 26,870 | 65 | 144,736,646 | 46 | 226,851,822 | 53 | 82,115,176 | 74 |
| 8 | Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)..... | 749 | 26,000 | 66 | 57,686,434 | 100 | 154,394,787 | 80 | 96,708,353 | 58 |
| 13 | Glass containers..... | 77 | 25,753 | 67 | 59,893,331 | 94 | 158,271,647 | 78 | 98,378,316 | 57 |
| 8 | Bookbinding and related industries..... | 1,133 | 25,690 | 68 | 30,428,715 | 139 | 102,591,313 | 115 | 72,162,598 | 86 |
| 3 | Carpets and rugs, wool..... | 48 | 25,590 | 69 | 61,065,634 | 91 | 140,337,725 | 87 | 79,272,091 | 78 |
| 6 | Wooden boxes except cigar boxes..... | 642 | 25,351 | 70 | 45,757,092 | 112 | 87,353,796 | 127 | 41,596,674 | 128 |
| 17 | Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools..... | 954 | 25,161 | 71 | 31,410,211 | 136 | 125,630,124 | 100 | 94,219,913 | 60 |
| Industries reporting 10,000 to 25,000 wage earners, total..... | | 59,510 | 1,717,309 | | 7,669,976,594 | | 13,683,172,031 | | 6,013,195,437 | |
| 15 | Nonferrous-metal products, not elsewhere classified..... | 438 | 24,834 | 72 | 62,004,698 | 89 | 141,765,939 | 84 | 79,761,241 | 77 |
| 1 | Flour and other grain-mill products..... | 2,143 | 24,771 | 73 | 506,061,519 | 9 | 649,943,088 | 15 | 143,881,599 | 34 |
| 14 | Enameled-iron sanitary ware and other plumbers' supplies (not including pipes and vitreous and semivitreous china sanitary ware)..... | 259 | 24,605 | 74 | 52,630,117 | 106 | 125,578,189 | 101 | 72,948,072 | 85 |
| 19 | Cars and car equipment—railroad, street, and rapid-transit..... | 143 | 24,623 | 75 | 103,661,234 | 62 | 168,381,877 | 72 | 64,730,643 | 96 |
| 4 | Millinery..... | 1,050 | 24,298 | 76 | 48,235,584 | 110 | 105,600,643 | 112 | 57,365,059 | 106 |
| 4 | Coats, suits, and shirts (except fur coats)—made in inside factories or by jobbers engaging contractors..... | 1,120 | 24,048 | 77 | 194,095,275 | 30 | 281,145,798 | 43 | 87,030,523 | 70 |
| 13 | Cement..... | 160 | 23,801 | 78 | 68,529,756 | 81 | 192,611,304 | 61 | 124,081,548 | 47 |
| 15 | Logging camps and logging contractors (not operating sawmills)..... | 967 | 22,785 | 79 | 28,164,565 | 142 | 69,626,906 | 141 | 41,456,341 | 129 |
| 9 | Drugs and medicines (including drug grinding)..... | 1,094 | 22,388 | 80 | 115,272,573 | 54 | 364,985,404 | 32 | 249,712,831 | 16 |
| 9 | Paints, varnishes, and lacquers..... | 1,166 | 22,334 | 81 | 245,570,837 | 26 | 434,960,890 | 26 | 189,390,053 | 23 |
| 6 | Wood products, not elsewhere classified..... | 886 | 21,993 | 82 | 30,291,098 | 140 | 69,185,697 | 142 | 38,894,599 | 136 |
| 14 | Wire drawn from purchased rods..... | 95 | 21,990 | 83 | 99,962,019 | 63 | 176,563,111 | 67 | 76,521,092 | 81 |
| 17 | Industrial machinery, not elsewhere classified..... | 579 | 21,936 | 84 | 52,964,472 | 105 | 140,628,049 | 86 | 67,663,577 | 67 |
| 17 | Textile machinery..... | 300 | 21,904 | 85 | 33,596,333 | 128 | 93,276,326 | 121 | 59,677,993 | 103 |
| 14 | Steam fittings, regardless of material..... | 181 | 21,815 | 86 | 37,667,330 | 122 | 111,985,627 | 108 | 74,318,297 | 82 |
| 7 | Converted paper products not elsewhere classified..... | 384 | 21,775 | 87 | 83,375,081 | 70 | 161,305,558 | 75 | 77,930,477 | 79 |
| 4 | Coats, suits, and skirts (except fur coats)—made in contract factories..... | 846 | 21,405 | 88 | 2,544,229 | 175 | 32,851,413 | 172 | 30,807,184 | 150 |
| 1 | Nonalcoholic beverages..... | 4,504 | 21,265 | 89 | 153,935,249 | 41 | 365,778,930 | 31 | 211,843,681 | 21 |
| 10 | Oven coke and coke-oven byproducts..... | 83 | 21,008 | 90 | 257,650,679 | 24 | 342,197,303 | 34 | 84,546,624 | 71 |
| 8 | Periodicals: publishing and printing..... | 600 | 20,985 | 91 | 57,632,808 | 101 | 202,015,136 | 58 | 144,382,328 | 33 |
| 4 | Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics..... | 372 | 20,509 | 92 | 59,021,250 | 96 | 90,627,640 | 123 | 31,606,360 | 147 |
| 15 | Lighting fixtures..... | 568 | 20,477 | 93 | 59,830,805 | 95 | 124,681,725 | 102 | 64,731,220 | 95 |
| 16 | Electrical appliances..... | 138 | 19,890 | 94 | 58,081,360 | 99 | 145,696,194 | 83 | 87,614,834 | 68 |
| 4 | Trousers (semidresses), wash suits, and washable service apparel..... | 297 | 19,541 | 95 | 34,812,878 | 124 | 60,964,613 | 151 | 26,171,735 | 157 |
| 14 | Blast-furnace products..... | 81 | 19,537 | 96 | 463,719,471 | 10 | 550,802,318 | 18 | 87,082,842 | 69 |
| 17 | Pumping equipment and air compressors..... | 337 | 19,180 | 97 | 54,203,943 | 102 | 134,940,777 | 93 | 80,736,834 | 76 |
| 14 | Power boilers and associated products..... | 448 | 18,888 | 98 | 70,654,747 | 79 | 140,959,633 | 85 | 70,304,786 | 89 |
| 12 | Boot and shoe cut stock and findings..... | 520 | 18,845 | 99 | 90,487,474 | 67 | 129,399,406 | 98 | 38,911,932 | 135 |
| 4 | Corsets and allied garments..... | 272 | 18,765 | 100 | 40,104,739 | 119 | 84,417,950 | 130 | 44,313,211 | 126 |
| 15 | Sheet-metal work, not specifically classified..... | 1,262 | 18,749 | 101 | 70,981,079 | 78 | 127,341,231 | 91 | 66,360,152 | 93 |
| 9 | Fertilizers..... | 764 | 18,744 | 102 | 128,620,745 | 51 | 185,684,328 | 63 | 57,054,583 | 107 |
| 13 | Monuments, tombstones, cut-stone, and stone products, not elsewhere classified..... | 1,244 | 18,516 | 103 | 25,286,612 | 151 | 75,811,785 | 134 | 50,525,173 | 118 |
| 3 | Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors..... | 476 | 18,440 | 104 | 58,110,871 | 98 | 97,641,147 | 118 | 39,530,276 | 134 |
| 6 | Mattresses and bedsprings..... | 947 | 18,342 | 105 | 60,941,584 | 92 | 113,114,633 | 107 | 52,173,049 | 116 |
| 14 | Malleable-iron castings..... | 83 | 18,041 | 106 | 17,950,681 | 165 | 53,450,770 | 158 | 35,500,089 | 143 |
| 1 | Creamery butter..... | 3,506 | 17,953 | 107 | 418,751,847 | 13 | 492,221,462 | 22 | 78,469,615 | 84 |
| 15 | Clocks, watches, and materials and parts (except watchcases)..... | 74 | 17,878 | 108 | 35,204,008 | 128 | 84,846,136 | 129 | 49,642,128 | 122 |
| 16 | Automotive electrical equipment..... | 84 | 17,495 | 109 | 42,040,631 | 118 | 109,761,620 | 110 | 67,720,689 | 92 |
| 13 | Concrete products..... | 2,040 | 17,363 | 110 | 65,684,650 | 84 | 130,393,396 | 96 | 64,708,746 | 97 |
| 20 | Photographic apparatus and materials and projection equipment (except lenses)..... | 160 | 17,271 | 111 | 42,556,260 | 117 | 133,899,429 | 95 | 91,343,160 | 62 |
| 17 | Construction and similar machinery (except mining and oil-field machinery and tools)..... | 190 | 17,259 | 112 | 63,378,072 | 87 | 140,137,586 | 88 | 76,761,514 | 80 |
| 15 | Aluminum products (including rolling and drawing and extruding, not elsewhere classified)..... | 162 | 17,249 | 113 | 106,983,222 | 60 | 169,819,269 | 71 | 62,826,047 | 99 |
| 20 | Signs, advertising displays, and advertising novelties..... | 1,386 | 17,206 | 114 | 32,493,335 | 131 | 87,625,230 | 126 | 55,131,885 | 113 |
| 14 | Screw-machine products and wood screws..... | 345 | 16,924 | 115 | 32,649,213 | 130 | 82,806,869 | 132 | 50,187,650 | 120 |
| 13 | Flat glass..... | 37 | 16,739 | 116 | 33,848,867 | 127 | 102,389,012 | 116 | 66,540,145 | 61 |

CENSUS OF MANUFACTURES: 1939

TABLE 7.—RELATIVE IMPORTANCE OF LEADING INDUSTRIES LISTED, ACCORDING TO NUMBER OF WAGE EARNERS: 1939—Continued

| Group No. | INDUSTRY | Number of establishments | WAGE EARNERS | | COST OF MATERIALS, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK | | VALUE OF PRODUCTS | | VALUE ADDED BY MANUFACTURE | |
|---|--|--------------------------|------------------|-----------|---|------|-------------------|------|----------------------------|------|
| | | | Average for year | Rank | Amount | Rank | Amount | Rank | Amount | Rank |
| | | | | | | | | | | |
| Industries reporting 10,000 to 25,000 wage earners—Con. | | | | | | | | | | |
| 8 | Books: printing without publishing | 690 | 16,547 | 117 | \$32,612,005 | 132 | \$87,656,088 | 125 | \$55,644,083 | 112 |
| 14 | Cast-iron pipe and fittings | 74 | 16,488 | 118 | 28,013,997 | 143 | 65,079,052 | 146 | 37,005,055 | 140 |
| 1 | Ice, manufactured | 3,975 | 15,912 | 119 | 26,010,218 | 150 | 130,166,312 | 97 | 104,156,094 | 55 |
| 17 | Metalworking machinery and equipment, not elsewhere classified | 178 | 15,869 | 120 | 34,749,908 | 125 | 98,975,454 | 117 | 64,225,540 | 98 |
| 4 | Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors | 362 | 15,798 | 121 | 47,475,227 | 111 | 70,232,983 | 140 | 22,757,756 | 168 |
| 1 | Canned fish, crustacea, and mollusks | 214 | 15,735 | 122 | 40,621,588 | 120 | 65,455,696 | 145 | 25,434,108 | 159 |
| 1 | Ice cream and less | 2,794 | 15,711 | 123 | 145,924,115 | 44 | 285,806,781 | 41 | 139,882,060 | 39 |
| 16 | Insulated wire and cable | 79 | 15,696 | 124 | 76,124,571 | 80 | 120,360,050 | 104 | 60,265,479 | 119 |
| 20 | Gases and toys (except dolls and children's vehicles) | 343 | 15,616 | 125 | 24,969,824 | 152 | 55,400,894 | 156 | 30,491,070 | 149 |
| 1 | Prepared feeds (including mineral) for animals and fowls | 1,363 | 15,401 | 126 | 362,640,178 | 20 | 401,880,235 | 27 | 99,240,060 | 56 |
| 14 | Cutlery (except aluminum, silver, and plated cutlery) and edge tools | 266 | 15,399 | 127 | 18,756,420 | 164 | 59,924,396 | 152 | 41,167,976 | 130 |
| 14 | Forgings, iron and steel—made in plants not operated in connection with rolling mills | 267 | 15,372 | 128 | 51,973,575 | 107 | 104,883,196 | 113 | 52,909,621 | 115 |
| 14 | Tools (except edge tools, machine tools, files, and saws) | 367 | 15,343 | 129 | 27,355,354 | 145 | 75,290,333 | 135 | 47,934,979 | 124 |
| 9 | Cottonseed oil, cake, meal, and linseed | 447 | 15,191 | 130 | 138,764,149 | 49 | 171,476,253 | 69 | 32,712,104 | 144 |
| 20 | Fabricated plastic products, not elsewhere classified | 216 | 15,094 | 131 | 31,747,085 | 135 | 71,904,067 | 136 | 40,156,982 | 132 |
| 16 | Batteries, storage and primary (dry and wet) | 221 | 15,094 | 132 | 63,176,798 | 88 | 117,582,712 | 105 | 54,405,914 | 114 |
| 11 | Rubber boots and shoes (including rubber-soled footwear with fabric uppers) | 13 | 14,861 | 133 | 20,749,368 | 161 | 49,980,591 | 161 | 29,231,223 | 151 |
| 17 | Internal-combustion engines | 74 | 14,752 | 134 | 33,455,778 | 104 | 110,357,964 | 109 | 56,902,186 | 108 |
| 16 | Writing devices and supplies | 146 | 14,564 | 135 | 44,535,642 | 114 | 94,305,273 | 120 | 49,799,631 | 121 |
| 1 | Poultry dressing and packing, wholesale | 765 | 14,396 | 136 | 114,742,997 | 55 | 138,318,081 | 90 | 23,575,084 | 104 |
| 14 | Bells, auto, washers, and rivets—made in plants not operated in connection with rolling mills | 135 | 14,331 | 137 | 38,708,570 | 121 | 84,117,969 | 131 | 45,409,399 | 125 |
| 1 | Cane-sugar refining | 27 | 14,133 | 138 | 333,876,627 | 18 | 339,869,764 | 28 | 55,993,137 | 110 |
| 12 | Women's pocketbooks, handbags, and purses | 266 | 14,048 | 139 | 32,877,638 | 129 | 55,806,890 | 154 | 22,929,222 | 167 |
| 17 | Food-products machinery | 379 | 13,979 | 140 | 31,949,526 | 133 | 90,840,544 | 122 | 58,891,018 | 104 |
| 6 | Furniture, shelving, cabinet work, and office and store fixtures | 716 | 13,826 | 141 | 30,566,708 | 138 | 70,718,293 | 138 | 40,211,585 | 131 |
| 20 | Sporting and athletic goods not elsewhere classified | 330 | 13,816 | 142 | 25,689,795 | 148 | 64,753,813 | 148 | 38,064,018 | 138 |
| 9 | Sap and glycerin | 264 | 13,624 | 143 | 161,062,676 | 39 | 302,634,474 | 39 | 141,631,798 | 38 |
| 20 | Miscellaneous fabricated products not elsewhere classified | 362 | 13,608 | 144 | 23,321,980 | 155 | 51,849,418 | 159 | 28,527,438 | 155 |
| 4 | Work shirts | 87 | 13,449 | 145 | 21,419,236 | 160 | 35,672,002 | 170 | 14,252,746 | 174 |
| 4 | Men's and boys' shirts (except work shirts), collars, and nightwear—made in contract factories | 141 | 13,371 | 146 | 1,146,963 | 176 | 11,191,950 | 176 | 10,044,987 | 176 |
| 3 | Cotton narrow fabrics | 163 | 13,318 | 147 | 22,934,330 | 156 | 48,500,589 | 163 | 25,560,259 | 158 |
| 3 | Cotton thread | 75 | 13,298 | 148 | 26,665,265 | 147 | 51,376,151 | 160 | 24,680,946 | 160 |
| 1 | Food preparations, not elsewhere classified | 1,067 | 13,129 | 149 | 106,294,268 | 61 | 172,459,397 | 68 | 66,225,129 | 94 |
| 17 | Fur coats and other fur garments, accessories, and trimmings | 2,175 | 13,111 | 150 | 107,751,912 | 58 | 108,031,656 | 73 | 60,279,744 | 102 |
| 17 | Oil-field machinery and tools | 223 | 12,524 | 151 | 31,304,546 | 137 | 88,977,327 | 124 | 57,672,781 | 105 |
| 6 | Caskets, coffins, burial cases, and other morticians' goods | 599 | 12,447 | 152 | 31,861,794 | 134 | 70,353,137 | 139 | 38,491,343 | 137 |
| 13 | Shk throwing and spinning—contract factories | 78 | 12,374 | 153 | 3,407,825 | 173 | 15,853,452 | 175 | 12,445,627 | 175 |
| 13 | Clay refractories, including refractory cement (clay) | 165 | 12,211 | 154 | 13,213,515 | 169 | 42,191,454 | 167 | 28,977,939 | 152 |
| 15 | Silverware and plated ware | 130 | 12,165 | 155 | 24,787,356 | 154 | 62,771,158 | 149 | 37,983,802 | 139 |
| 3 | Cordage and twine | 146 | 12,066 | 156 | 27,711,385 | 144 | 56,685,817 | 153 | 28,974,432 | 153 |
| 4 | Textile bags—not made in textile mills | 246 | 11,991 | 157 | 93,807,210 | 66 | 121,702,151 | 103 | 27,894,941 | 150 |
| 6 | Office furniture | 182 | 11,776 | 158 | 22,569,905 | 157 | 54,750,091 | 157 | 32,180,186 | 145 |
| 23 | Whiteware | 31 | 11,728 | 159 | 8,157,625 | 171 | 27,800,677 | 174 | 19,043,652 | 171 |
| 15 | Jewelry (precious metals) | 886 | 11,538 | 160 | 34,596,938 | 126 | 71,418,667 | 137 | 36,821,729 | 141 |
| 4 | Women's, children's, and infants' underwear and nightwear of cotton and synthetic woven fabrics | 174 | 11,349 | 161 | 21,944,368 | 159 | 37,184,478 | 169 | 15,240,110 | 173 |
| 1 | Sausages, prepared meats, and other meat products—not made in meat-packing establishments | 1,067 | 11,277 | 162 | 165,645,149 | 37 | 208,048,345 | 57 | 43,003,196 | 127 |
| 6 | Wood preserving | 218 | 11,242 | 163 | 77,477,264 | 76 | 106,295,341 | 111 | 28,818,077 | 154 |
| 7 | Paper bags, except those made in paper mills | 119 | 11,081 | 164 | 53,964,442 | 103 | 85,776,374 | 128 | 31,811,932 | 146 |
| 20 | Bathrooms | 316 | 10,972 | 165 | 12,473,349 | 170 | 29,817,188 | 173 | 17,343,839 | 172 |
| 4 | House dresses, uniforms, and aprons—made in contract factories | 255 | 10,961 | 166 | 489,639 | 177 | 9,251,940 | 177 | 8,762,301 | 177 |
| 3 | Knitted cloth | 229 | 10,917 | 167 | 44,265,633 | 115 | 68,602,722 | 143 | 24,457,089 | 162 |
| 14 | Vitreous-enamelled products, including kitchen, household, and hospital utensils | 55 | 10,809 | 168 | 20,348,180 | 162 | 44,239,055 | 160 | 23,890,875 | 163 |
| 26 | Costume jewelry and costume novelties (jewelry other than fine jewelry) | 269 | 10,808 | 169 | 13,829,607 | 167 | 33,921,990 | 171 | 20,092,383 | 170 |
| 4 | Children's dresses—made in inside factories or by jobbers engaging contractors | 182 | 10,646 | 170 | 24,534,866 | 153 | 46,742,013 | 164 | 21,907,147 | 160 |
| 4 | Household linings (except curtains, draperies, and bedspreads) | 472 | 10,623 | 171 | 43,972,843 | 116 | 67,521,325 | 144 | 23,548,482 | 165 |
| 1 | Boat sugar | 85 | 10,410 | 172 | 84,951,372 | 69 | 134,396,017 | 94 | 49,444,045 | 123 |
| 20 | Needles, pins, hooks and eyes, and slide and snap fasteners | 38 | 10,403 | 173 | 13,484,971 | 168 | 38,158,126 | 168 | 24,670,155 | 161 |
| 17 | Special-industry machinery, not elsewhere classified | 267 | 10,388 | 174 | 19,836,348 | 163 | 55,788,016 | 155 | 35,048,008 | 142 |
| 9 | Perfumes, cosmetics, and other toilet preparations | 539 | 10,363 | 175 | 28,509,926 | 97 | 147,485,585 | 82 | 88,955,859 | 65 |
| 20 | Optical goods, lenses and fittings | 91 | 10,252 | 176 | 14,209,813 | 166 | 44,954,653 | 165 | 30,745,340 | 148 |
| 13 | Mirrors and other glass products made of purchased glass | 587 | 10,012 | 177 | 26,454,765 | 149 | 49,886,496 | 162 | 23,431,641 | 166 |
| All other industries (each reporting fewer than 10,000 wage earners), total | | | 39,541 | 1,076,871 | 4,260,011,044 | | 8,236,930,210 | | 3,976,919,166 | |

INDUSTRIAL AREAS OF THE UNITED STATES

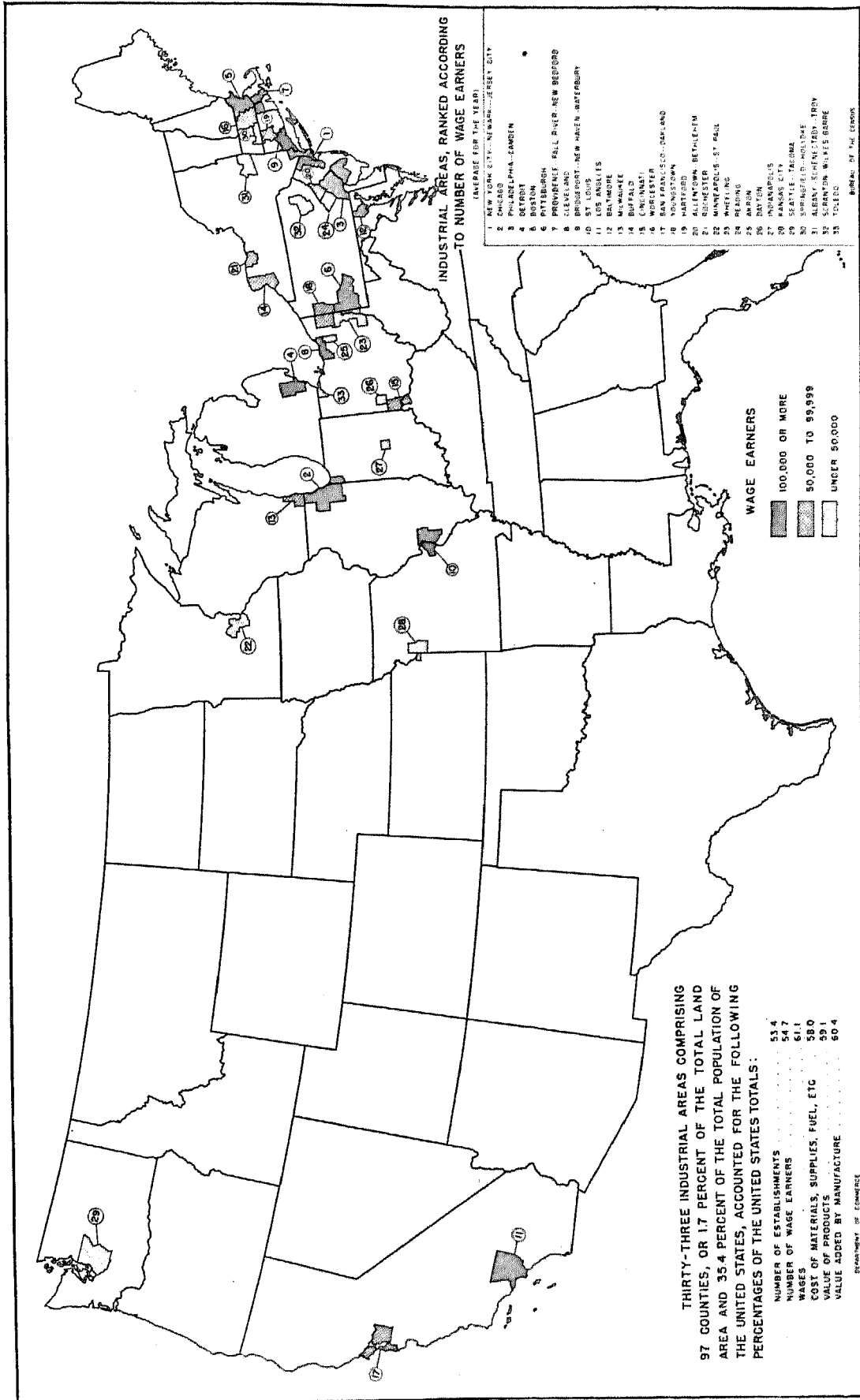


TABLE 8.—SUMMARY FOR INDUSTRIAL AREAS, RANKED ACCORDING TO NUMBER OF WAGE EARNERS: 1939 AND 1929

(See GENERAL EXPLANATIONS—Industrial areas)

| AREA | Cen- sus year | Num- ber of count- ies | Population | Num- ber of estab- lish- ments | WAGE EARNERS | | COST OF MATERIALS, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK | | VALUE OF PRODUCTS | | VALUE ADDED BY MANUFACTURE | |
|---|---------------------|---------------------------------|-------------|--|---------------------------------|-------|---|-------|-------------------|-------|-------------------------------|-------|
| | | | | | Number (average for year) | Rank | Amount | Rank | Amount | Rank | Amount | Rank |
| United States | 1939 | 3,073 | 131,689,275 | 184,230 | 7,886,567 | ..... | \$32,160,106,681 | ..... | \$56,843,024,800 | ..... | \$24,682,918,119 | ..... |
| Industrial areas, total | 1939 | 3,073 | 122,775,948 | 208,663 | 8,398,765 | ..... | 37,402,605,796 | ..... | 67,994,080,824 | ..... | 30,591,435,028 | ..... |
| | 1929 | 97 | 46,328,594 | 98,377 | 4,311,567 | ..... | 18,656,916,279 | ..... | 33,575,764,731 | ..... | 14,918,838,452 | ..... |
| | 1929 | 97 | 44,116,633 | 108,374 | 4,775,241 | ..... | 23,013,908,914 | ..... | 42,521,079,430 | ..... | 19,507,170,525 | ..... |
| New York City-Newark-Jersey City area (Bronx, Kings, New York, Queens, Rich- mond, and Westchester Counties, N. Y.; Ber- gen, Essex, Hudson, Middlesex, Passaic, and Union Counties, N. J.) | 1939 | 12 | 10,782,333 | 23,385 | 849,608 | 1 | 3,887,580,270 | 1 | 6,948,444,031 | 1 | 3,080,804,361 | 1 |
| | 1929 | 12 | 10,150,159 | 26,182 | 888,285 | 1 | 4,772,253,145 | 1 | 9,127,807,315 | 1 | 4,355,614,170 | 1 |
| Chicago area (Cook, DuPage, Kane, Lake, and Will Counties, Ill.; Lake County, Ind.) | 1939 | 6 | 4,925,327 | 9,921 | 483,593 | 2 | 2,367,826,185 | 2 | 4,277,815,582 | 2 | 1,909,989,397 | 2 |
| | 1929 | 6 | 4,675,877 | 11,633 | 526,824 | 2 | 2,927,632,244 | 2 | 5,397,266,269 | 2 | 2,460,634,025 | 2 |
| Philadelphia-Camden area (Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pa.; Burlington, Camden, and Gloucester Counties, N. J.) | 1939 | 8 | 3,199,637 | 6,082 | 321,725 | 3 | 1,252,248,479 | 4 | 2,262,980,250 | 4 | 1,040,711,771 | 4 |
| | 1929 | 8 | 3,137,040 | 7,111 | 367,546 | 3 | 1,522,251,466 | 4 | 2,915,992,476 | 3 | 1,393,741,010 | 3 |
| Detroit area (Oakland and Wayne Counties) | 1939 | 2 | 2,266,691 | 2,772 | 311,332 | 4 | 1,650,125,393 | 3 | 2,719,210,429 | 3 | 1,089,085,036 | 3 |
| | 1929 | 2 | 2,166,197 | 2,778 | 289,459 | 4 | 1,599,481,960 | 3 | 2,809,061,271 | 4 | 1,209,579,311 | 4 |
| Boston area (Essex, Middlesex, Norfolk, and Suffolk Counties) | 1939 | 4 | 2,656,131 | 5,673 | 237,496 | 5 | 764,643,490 | 6 | 1,425,482,462 | 6 | 680,839,002 | 5 |
| | 1929 | 4 | 2,611,926 | 6,339 | 276,159 | 5 | 942,932,792 | 6 | 1,880,162,210 | 6 | 943,229,418 | 5 |
| Pittsburgh area (Allegheny, Beaver, Washing- ton, and Westmoreland Counties) | 1939 | 4 | 2,082,550 | 2,110 | 191,993 | 6 | 858,173,578 | 5 | 1,531,398,647 | 5 | 643,225,069 | 6 |
| | 1929 | 4 | 2,023,269 | 2,324 | 216,359 | 6 | 1,124,489,099 | 5 | 1,958,447,852 | 5 | 833,958,763 | 6 |
| Providence-Fall River-New Bedford area (Provi- dence County, R. I.; Bristol County, Mass.) | 1939 | 2 | 914,693 | 2,636 | 153,013 | 7 | 348,906,053 | 16 | 663,917,458 | 16 | 316,111,405 | 16 |
| | 1929 | 2 | 894,686 | 2,274 | 183,815 | 7 | 456,142,078 | 17 | 884,704,714 | 15 | 428,502,036 | 14 |
| Cleveland area (Cuyahoga and Lorain Counties) | 1939 | 2 | 1,339,640 | 2,690 | 140,633 | 8 | 576,064,827 | 10 | 1,123,146,504 | 8 | 546,041,677 | 7 |
| | 1929 | 2 | 1,310,061 | 2,880 | 171,832 | 8 | 737,825,361 | 8 | 1,480,677,848 | 8 | 722,848,987 | 7 |
| Bridgeport-New Haven-Waterbury area (Fair- field and New Haven Counties) | 1939 | 2 | 902,760 | 1,728 | 128,396 | 9 | 328,869,811 | 18 | 722,554,276 | 14 | 393,084,465 | 11 |
| | 1929 | 2 | 890,151 | 1,760 | 133,727 | 11 | 410,601,027 | 19 | 846,490,385 | 16 | 435,895,358 | 13 |
| St. Louis area (St. Louis City and St. Louis County, Mo.; Madison and St. Clair Counties, Ill.) | 1939 | 3 | 1,406,526 | 2,787 | 126,831 | 10 | 623,079,603 | 8 | 1,056,595,741 | 9 | 463,010,138 | 9 |
| | 1929 | 4 | 1,335,138 | 3,214 | 145,443 | 9 | 891,163,685 | 7 | 1,492,711,355 | 7 | 601,647,670 | 8 |
| Los Angeles area (Los Angeles County) | 1939 | 1 | 2,785,643 | 5,594 | 126,391 | 11 | 760,906,903 | 7 | 1,219,433,652 | 7 | 512,526,749 | 8 |
| | 1929 | 1 | 2,208,492 | 4,797 | 101,283 | 14 | 670,926,902 | 9 | 1,165,169,333 | 9 | 494,242,431 | 10 |
| Baltimore area (Baltimore City and Baltimore County) | 1939 | 2 | 1,014,925 | 2,032 | 105,737 | 12 | 515,298,580 | 11 | 856,967,248 | 12 | 341,668,668 | 14 |
| | 1929 | 2 | 959,499 | 2,181 | 93,770 | 15 | 585,526,521 | 13 | 909,008,052 | 14 | 323,481,531 | 16 |
| Milwaukee area (Kenosha, Milwaukee, and Racine Counties) | 1939 | 3 | 924,437 | 1,936 | 98,415 | 13 | 392,224,026 | 14 | 753,680,088 | 13 | 361,456,062 | 12 |
| | 1929 | 3 | 878,757 | 2,198 | 128,510 | 10 | 604,183,632 | 12 | 1,138,346,438 | 10 | 534,162,786 | 9 |
| Buffalo area (Erie and Niagara Counties) | 1939 | 2 | 958,487 | 1,470 | 91,328 | 14 | 510,883,150 | 12 | 905,220,863 | 11 | 394,337,713 | 10 |
| | 1929 | 2 | 911,737 | 1,887 | 108,912 | 12 | 600,522,476 | 11 | 1,129,699,540 | 11 | 479,177,064 | 11 |
| Cincinnati area (Butler and Hamilton Counties, Ohio; Campbell and Kenton Counties, Ky.) | 1939 | 4 | 807,293 | 1,772 | 87,384 | 15 | 386,912,580 | 15 | 702,620,018 | 15 | 315,707,438 | 15 |
| | 1929 | 4 | 790,365 | 2,329 | 108,824 | 13 | 483,949,033 | 16 | 910,301,701 | 13 | 426,352,608 | 15 |
| Worcester area (Worcester County) | 1939 | 1 | 504,470 | 1,119 | 78,373 | 16 | 178,359,338 | 21 | 376,837,735 | 20 | 198,478,397 | 21 |
| | 1929 | 1 | 491,242 | 1,131 | 83,165 | 17 | 217,928,521 | 24 | 458,020,408 | 22 | 204,091,887 | 21 |
| San Francisco-Oakland area (Alameda, Contra Costa, Marin, San Francisco, and San Mateo Counties) | 1939 | 5 | 1,412,686 | 3,441 | 70,374 | 17 | 600,156,725 | 9 | 900,636,411 | 10 | 360,479,080 | 12 |
| | 1929 | 5 | 1,306,938 | 3,942 | 88,017 | 16 | 663,348,943 | 10 | 1,100,923,418 | 12 | 437,574,475 | 13 |
| Youngstown area (Mahoning and Trumbull Counties, Ohio; Lawrence and Mercer Coun- ties, Pa.) | 1939 | 4 | 570,492 | 547 | 72,826 | 18 | 402,716,763 | 13 | 629,223,979 | 17 | 226,507,216 | 17 |
| | 1929 | 4 | 553,769 | 593 | 75,618 | 18 | 499,168,393 | 14 | 812,012,341 | 17 | 312,843,948 | 17 |
| Hartford area (Hartford County) | 1939 | 1 | 450,189 | 671 | 62,244 | 19 | 121,947,975 | 28 | 326,666,843 | 23 | 204,718,868 | 19 |
| | 1929 | 1 | 421,097 | 662 | 64,919 | 20 | 120,580,817 | 30 | 346,497,052 | 28 | 225,916,235 | 22 |
| Allentown-Bethlehem area (Lehigh and North- ampton Counties) | 1939 | 2 | 346,493 | 624 | 35,942 | 20 | 138,871,123 | 25 | 280,801,946 | 27 | 141,720,823 | 25 |
| | 1929 | 2 | 342,197 | 601 | 57,277 | 24 | 203,660,464 | 25 | 392,375,536 | 25 | 188,715,072 | 26 |
| Rochester area (Monroe County) | 1939 | 1 | 438,230 | 803 | 51,311 | 21 | 137,231,763 | 27 | 345,900,066 | 21 | 208,698,303 | 18 |
| | 1929 | 1 | 423,681 | 1,639 | 62,185 | 21 | 161,608,067 | 28 | 408,195,890 | 23 | 246,587,853 | 20 |
| Minneapolis-St. Paul area (Dakota, Hennepin, and Ramsey Counties) | 1939 | 3 | 918,494 | 1,744 | 48,607 | 22 | 278,751,056 | 19 | 480,271,715 | 19 | 201,520,659 | 20 |
| | 1929 | 3 | 839,098 | 1,916 | 57,465 | 23 | 419,947,060 | 18 | 677,989,747 | 19 | 258,042,687 | 19 |
| Wheeling area (Brooks, Hancock, and Ohio Counties, W. Va.; Belmont, Columbiana, and Jefferson Counties, Ohio) | 1939 | 6 | 414,664 | 412 | 43,519 | 23 | 183,230,586 | 20 | 291,617,809 | 26 | 108,387,223 | 31 |
| | 1929 | 6 | 394,761 | 520 | 46,131 | 28 | 178,211,284 | 26 | 316,648,018 | 31 | 138,430,734 | 31 |
| Reading area (Berks County) | 1939 | 1 | 241,884 | 506 | 40,612 | 24 | 70,786,419 | 32 | 154,764,625 | 32 | 83,978,206 | 32 |
| | 1929 | 1 | 231,717 | 567 | 43,457 | 31 | 98,996,271 | 32 | 216,582,529 | 32 | 117,936,258 | 32 |
| Akron area (Summit County) | 1939 | 1 | 339,405 | 341 | 40,155 | 25 | 166,359,561 | 23 | 332,625,647 | 22 | 166,566,086 | 22 |
| | 1929 | 1 | 344,131 | 348 | 66,857 | 19 | 316,657,953 | 20 | 567,006,622 | 20 | 280,348,569 | 18 |
| Dayton area (Montgomery County) | 1939 | 1 | 265,480 | 461 | 39,367 | 26 | 114,879,532 | 30 | 277,139,061 | 28 | 162,254,129 | 23 |
| | 1929 | 1 | 273,481 | 509 | 42,251 | 32 | 116,527,095 | 31 | 326,681,142 | 30 | 210,384,047 | 24 |
| Indianapolis area (Marion County) | 1939 | 1 | 460,926 | 818 | 38,838 | 27 | 155,359,006 | 24 | 294,511,708 | 25 | 189,152,702 | 26 |
| | 1929 | 1 | 422,666 | 895 | 46,312 | 27 | 229,409,265 | 22 | 408,121,417 | 24 | 178,652,152 | 27 |
| Kansas City area (Clay and Jackson Counties, Mo.; Wyandotte County, Kans.) | 1939 | 3 | 603,316 | 1,047 | 38,378 | 28 | 335,305,534 | 17 | 483,770,597 | 18 | 148,465,063 | 24 |
| | 1929 | 3 | 608,476 | 1,138 | 43,938 | 30 | 498,829,897 | 15 | 718,607,336 | 18 | 219,677,439 | 28 |
| Seattle-Tacoma area (King and Pierce Counties) | 1939 | 2 | 687,061 | 1,539 | 36,853 | 29 | 178,018,521 | 22 | 302,226,067 | 24 | 124,205,080 | 28 |
| | 1929 | 2 | 627,559 | 1,723 | 44,374 | 29 | 218,577,034 | 23 | 372,286,069 | 26 | 153,709,035 | 30 |
| Springfield-Holyoke area (Hampden County) | 1939 | 1 | 332,107 | 630 | 36,446 | 30 | 101,600,175 | 31 | 211,697,017 | 31 | 100,608,842 | 30 |
| | 1929 | 1 | 335,493 | 636 | 35,190 | 33 | 158,465,477 | 29 | 335,104,200 | 29 | 176,638,723 | 29 |
| Albany-Schenectady-Troy area (Albany, Rensselaer, and Schenectady Counties) | 1939 | 3 | 456,735 | 879 | 36,368 | 31 | 118,504,177 | 29 | 245,190,246 | 30 | 128,095,069 | 27 |
| | 1929 | 3 | 456,761 | 877 | 38,771 | 22 | 171,565,912 | 27 | 349,818,338 | 27 | 178,252,426 | 28 |
| Scranton-Wilkes-Barre area (Lackawanna and Lycoming Counties) | 1939 | 2 | 743,806 | 735 | 51,402 | 32 | 66,821,221 | 33 | 132,622,225 | 33 | 66,101,004 | 33 |
| | 1929 | 2 | 744,333 | 735 | 58,409 | 33 | 85,904,072 | 33 | 170,854,072 | 33 | 84,680,386 | 33 |
| Tulsa area (Tulsa County) | 1939 | 1 | 344,333 | 499 | 30,676 | 33 | 137,933,906 | 26 | 249,406,045 | 29 | 111,475,139 | 29 |
| | 1929 | 1 | 347,709 | 605 | 51,646 | 26 | 264,477,438 | 21 | 461,282,809 | 21 | 208,805,371 | 25 |

* Campbell and Milton Counties, Ga., were consolidated with Fulton County after 1929.

* The independent cities of St. Louis and Baltimore are treated as counties.

GENERAL SUMMARY

51

TABLE 9.—GENERAL STATISTICS FOR INDUSTRIAL AREAS: 1939, 1937, 1935, AND 1929

[See GENERAL EXPLANATIONS—Industrial areas]

| AREA | Census year | Number of establishments | Salaried personnel ¹ | Wage earners (average for year) ² | Salaries ³ | Wages ⁴ | Cost of materials, fuel, purchased electric energy, and contract work ⁵ | Value of products ⁶ | Value added by manufacture ⁷ |
|---|-------------|--------------------------|---------------------------------|--|-----------------------|--------------------|--|--------------------------------|---|
| United States..... | 1939 | 184,230 | 1,048,607 | 7,886,567 | \$2,540,357,370 | \$9,099,940,916 | \$32,160,106,581 | \$56,843,024,800 | \$24,682,918,119 |
| | 1937 | 166,794 | 1,217,171 | 8,569,231 | 2,716,806,216 | 10,112,882,711 | 35,539,332,824 | 60,712,871,737 | 25,173,538,913 |
| | 1935 | 167,916 | 1,058,501 | 7,293,794 | 2,253,424,877 | 7,311,329,029 | 26,441,145,271 | 44,993,698,573 | 18,552,553,302 |
| | 1929 | 206,633 | 1,290,087 | 8,369,705 | 3,399,362,719 | 10,884,919,296 | 37,402,605,796 | 67,994,040,824 | 30,591,435,028 |
| Industrial areas, total..... | 1939 | 98,377 | 639,610 | 4,311,567 | 1,648,346,098 | 5,832,128,050 | 18,656,916,279 | 33,575,754,731 | 14,918,838,452 |
| | 1937 | 87,552 | 772,776 | 4,798,548 | 1,802,620,022 | 6,251,248,848 | 20,835,391,809 | 36,279,315,702 | 15,443,923,893 |
| | 1935 | 91,980 | 674,434 | 4,023,853 | 1,501,290,266 | 4,547,403,360 | 15,256,869,231 | 27,207,890,045 | 11,951,020,814 |
| | 1929 | 108,374 | 839,213 | 4,775,241 | 2,312,938,738 | 6,927,376,383 | 23,013,908,914 | 42,521,079,439 | 19,507,170,525 |
| New York City-Newark-Jersey City area..... | 1939 | 33,385 | 135,274 | 849,608 | 370,483,138 | 1,042,681,700 | 3,887,580,270 | 6,948,444,631 | 3,060,864,361 |
| | 1937 | 28,007 | 167,711 | 848,245 | 408,607,284 | 1,046,186,704 | 3,886,157,018 | 6,764,287,881 | 2,876,130,863 |
| | 1935 | 32,195 | 154,793 | 766,351 | 362,551,823 | 878,370,692 | 2,958,752,421 | 5,624,037,588 | 2,665,285,167 |
| | 1929 | 36,182 | 194,736 | 888,285 | 374,374,195 | 1,368,094,417 | 4,772,253,145 | 9,127,867,316 | 4,355,614,170 |
| Chicago area..... | 1939 | 9,921 | 76,346 | 483,693 | 205,669,622 | 640,533,131 | 2,367,826,185 | 4,277,815,582 | 1,909,989,397 |
| | 1937 | 9,019 | 96,939 | 538,775 | 232,104,239 | 740,156,996 | 2,715,470,136 | 4,711,428,323 | 1,965,686,187 |
| | 1935 | 9,302 | 82,008 | 421,397 | 184,765,362 | 494,037,000 | 1,902,395,057 | 3,316,851,321 | 1,414,456,264 |
| | 1929 | 11,653 | 108,337 | 526,824 | 306,309,608 | 829,161,812 | 2,927,632,244 | 5,397,266,269 | 2,469,634,025 |
| Philadelphia-Camden area..... | 1939 | 6,082 | 43,592 | 321,725 | 111,374,065 | 387,115,110 | 1,252,248,479 | 2,292,960,260 | 1,040,711,771 |
| | 1937 | 5,604 | 52,911 | 345,558 | 125,260,782 | 421,545,804 | 1,344,815,729 | 2,350,645,318 | 1,005,829,599 |
| | 1935 | 5,844 | 48,452 | 312,377 | 110,452,883 | 335,118,267 | 1,027,153,411 | 1,869,179,536 | 842,026,125 |
| | 1929 | 7,111 | 60,981 | 367,546 | 165,298,762 | 497,175,407 | 1,522,251,466 | 2,915,962,476 | 1,393,741,010 |
| Detroit area..... | 1939 | 2,772 | 38,287 | 311,322 | 107,201,163 | 511,909,475 | 1,650,125,393 | 2,719,210,429 | 1,069,085,036 |
| | 1937 | 2,451 | 44,818 | 406,882 | 112,489,711 | 648,515,254 | 2,104,398,259 | 3,409,350,809 | 1,304,932,550 |
| | 1935 | 2,513 | 35,871 | 330,676 | 83,156,737 | 465,426,682 | 1,631,358,309 | 2,657,006,494 | 1,025,648,185 |
| | 1929 | 2,778 | 37,211 | 289,459 | 118,311,338 | 505,353,898 | 1,599,481,900 | 2,809,061,271 | 1,209,579,311 |
| Boston area..... | 1939 | 5,673 | 34,919 | 237,496 | 85,891,386 | 264,495,570 | 764,643,400 | 1,425,482,462 | 660,839,002 |
| | 1937 | 5,443 | 39,051 | 247,685 | 87,825,974 | 281,911,062 | 806,898,032 | 1,483,927,399 | 677,039,367 |
| | 1935 | 5,204 | 35,996 | 226,936 | 78,958,019 | 235,742,636 | 649,644,680 | 1,224,194,305 | 574,549,625 |
| | 1929 | 6,339 | 46,842 | 278,159 | 123,519,377 | 359,198,293 | 942,932,702 | 1,886,162,210 | 943,226,418 |
| Pittsburgh area..... | 1939 | 2,110 | 25,422 | 191,908 | 63,551,921 | 271,080,178 | 858,173,578 | 1,501,398,647 | 643,225,099 |
| | 1937 | 2,041 | 29,761 | 227,678 | 74,628,339 | 348,761,574 | 979,551,288 | 1,746,908,065 | 767,536,777 |
| | 1935 | 1,927 | 24,488 | 174,717 | 55,821,610 | 195,231,698 | 582,559,786 | 1,032,911,602 | 450,351,876 |
| | 1929 | 2,524 | 32,009 | 216,339 | 85,067,233 | 337,837,747 | 1,124,489,089 | 1,958,447,832 | 833,958,763 |
| Providence-Fall River-New Bedford area..... | 1939 | 2,036 | 15,549 | 153,013 | 25,635,878 | 146,084,673 | 348,806,053 | 663,917,458 | 315,111,405 |
| | 1937 | 1,982 | 15,504 | 156,075 | 35,892,024 | 157,765,873 | 353,832,686 | 670,563,944 | 316,731,258 |
| | 1935 | 1,958 | 14,149 | 141,891 | 31,290,645 | 127,762,779 | 274,730,224 | 526,158,721 | 251,428,497 |
| | 1929 | 2,274 | 17,498 | 183,315 | 48,232,776 | 200,466,063 | 456,142,678 | 884,704,714 | 428,552,036 |
| Cleveland area..... | 1939 | 2,699 | 23,144 | 160,653 | 61,418,644 | 200,153,899 | 576,504,827 | 1,123,146,504 | 546,641,677 |
| | 1937 | 2,337 | 27,265 | 163,319 | 67,839,193 | 232,609,923 | 640,035,546 | 1,210,521,670 | 570,486,124 |
| | 1935 | 2,379 | 23,773 | 138,310 | 54,930,187 | 163,304,151 | 453,591,477 | 856,369,625 | 402,776,148 |
| | 1929 | 2,880 | 27,474 | 171,832 | 80,531,355 | 267,046,039 | 757,828,361 | 1,480,677,348 | 722,848,987 |
| Bridgeport-New Haven-Waterbury area..... | 1939 | 1,728 | 19,240 | 128,396 | 46,167,346 | 150,993,009 | 328,869,811 | 724,554,276 | 393,664,465 |
| | 1937 | 1,684 | 21,855 | 146,077 | 48,668,436 | 173,369,332 | 364,945,021 | 761,229,332 | 396,284,311 |
| | 1935 | 1,633 | 19,161 | 122,187 | 39,469,193 | 124,116,075 | 243,529,730 | 525,779,954 | 280,220,224 |
| | 1929 | 1,780 | 21,145 | 133,727 | 54,011,583 | 177,320,975 | 410,601,027 | 846,496,385 | 435,895,358 |
| St. Louis area..... | 1939 | 2,787 | 18,986 | 126,831 | 47,881,600 | 152,939,450 | 623,079,603 | 1,086,595,741 | 463,516,138 |
| | 1937 | 2,484 | 23,931 | 140,876 | 53,183,111 | 171,718,873 | 737,443,712 | 1,202,718,632 | 465,274,920 |
| | 1935 | 2,543 | 20,505 | 115,235 | 45,450,224 | 120,931,408 | 536,111,247 | 875,227,917 | 339,116,670 |
| | 1929 | 3,214 | 26,881 | 146,443 | 69,189,583 | 187,148,234 | 891,163,685 | 1,492,711,355 | 601,547,670 |
| Los Angeles area..... | 1939 | 5,594 | 25,182 | 126,391 | 57,481,628 | 166,630,467 | 706,906,903 | 1,219,433,652 | 512,526,749 |
| | 1937 | 4,504 | 27,263 | 128,555 | 55,172,544 | 164,763,028 | 739,199,680 | 1,205,280,042 | 466,080,362 |
| | 1935 | 4,361 | 19,687 | 94,013 | 46,130,532 | 105,847,621 | 517,334,539 | 838,622,580 | 321,288,041 |
| | 1929 | 4,797 | 23,637 | 101,383 | 57,175,469 | 148,472,526 | 670,926,902 | 1,165,160,333 | 494,242,431 |
| Baltimore area..... | 1939 | 2,032 | 12,386 | 105,737 | 36,417,296 | 126,981,659 | 515,298,880 | 856,967,248 | 241,668,668 |
| | 1937 | 1,835 | 15,111 | 105,615 | 34,019,524 | 124,628,167 | 573,266,025 | 925,760,636 | 352,494,611 |
| | 1935 | 1,924 | 12,674 | 84,415 | 27,216,252 | 83,960,704 | 364,350,847 | 613,650,343 | 249,299,496 |
| | 1929 | 2,181 | 15,521 | 93,770 | 36,839,057 | 109,727,320 | 365,526,521 | 909,008,052 | 323,481,531 |
| Milwaukee area..... | 1939 | 1,936 | 18,268 | 98,415 | 44,269,838 | 137,807,194 | 392,224,026 | 753,680,088 | 361,458,062 |
| | 1937 | 1,776 | 22,667 | 120,957 | 50,216,142 | 172,674,888 | 476,240,101 | 871,628,519 | 395,288,418 |
| | 1935 | 1,781 | 19,806 | 99,123 | 40,382,127 | 113,772,896 | 313,700,235 | 599,791,333 | 286,060,908 |
| | 1929 | 2,198 | 26,367 | 138,510 | 71,329,477 | 201,822,997 | 604,183,632 | 1,135,246,418 | 534,162,786 |
| Buffalo area..... | 1939 | 1,470 | 16,619 | 91,238 | 41,696,554 | 127,122,954 | 510,883,150 | 908,220,863 | 394,337,713 |
| | 1937 | 1,407 | 19,177 | 105,722 | 43,407,333 | 154,436,555 | 644,892,973 | 1,073,088,418 | 435,176,443 |
| | 1935 | 1,436 | 15,716 | 82,094 | 34,029,389 | 98,568,528 | 431,008,224 | 753,182,200 | 272,173,883 |
| | 1929 | 1,887 | 19,718 | 108,912 | 51,297,511 | 160,701,727 | 650,322,476 | 1,129,669,540 | 479,177,064 |
| Cincinnati area..... | 1939 | 1,772 | 12,996 | 87,384 | 34,344,963 | 112,224,524 | 386,912,590 | 702,620,018 | 315,707,438 |
| | 1937 | 1,665 | 16,797 | 101,044 | 39,111,590 | 128,762,202 | 463,571,283 | 794,340,890 | 330,796,605 |
| | 1935 | 1,737 | 15,580 | 85,961 | 33,649,280 | 96,453,527 | 366,844,079 | 621,640,813 | 254,796,739 |
| | 1929 | 2,329 | 19,424 | 108,824 | 50,897,145 | 149,027,746 | 483,949,032 | 910,301,701 | 426,352,668 |
| Worcester area..... | 1939 | 1,119 | 10,323 | 78,373 | 25,089,933 | 88,800,263 | 178,359,338 | 376,837,735 | 198,478,397 |
| | 1937 | 1,083 | 11,407 | 88,203 | 26,665,124 | 103,977,217 | 204,214,996 | 424,679,431 | 220,664,435 |
| | 1935 | 1,040 | 10,003 | 73,501 | 21,746,131 | 74,821,174 | 149,721,475 | 303,379,116 | 153,657,641 |
| | 1929 | 1,131 | 11,015 | 83,185 | 30,644,351 | 104,345,619 | 217,928,521 | 455,020,408 | 240,091,857 |
| San Francisco-Oakland area..... | 1939 | 3,441 | 13,536 | 76,374 | 32,905,313 | 110,964,281 | 600,156,725 | 980,636,411 | 360,479,686 |
| | 1937 | 3,261 | 17,536 | 88,414 | 37,600,984 | 122,916,300 | 665,632,112 | 1,082,383,275 | 386,521,163 |
| | 1935 | 3,123 | 15,792 | 76,963 | 33,342,598 | 91,273,731 | 533,829,610 | 825,618,361 | 292,288,771 |
| | 1929 | 3,842 | 19,394 | 88,017 | 46,839,456 | 129,728,641 | 663,348,943 | 1,100,923,418 | 437,574,475 |

See footnotes at end of table.

CENSUS OF MANUFACTURES: 1939

TABLE 9.—GENERAL STATISTICS FOR INDUSTRIAL AREAS: 1939, 1937, 1935, AND 1929—Continued

[See GENERAL EXPLANATIONS—Industrial areas]

| AREA | Census year | Number of establishments | Salaries ¹ | Wage earners (average for year) ² | Salaries ³ | Wages ⁴ | Cost of materials, fuel, purchased electric energy, and contract work ⁵ | Value of products ⁶ | Value added by manufacture ⁷ |
|-------------------------------|-------------|--------------------------|-----------------------|--|-----------------------|--------------------|--|--------------------------------|---|
| Youngstown area | 1939 | 547 | 7,666 | 72,826 | \$18,723,162 | \$107,944,195 | \$402,716,763 | \$629,223,979 | \$226,607,216 |
| | 1937 | 467 | 8,413 | 83,251 | 20,973,571 | 130,626,059 | 459,942,183 | 748,361,747 | 288,410,564 |
| | 1935 | 430 | 6,117 | 60,634 | 14,233,709 | 71,704,315 | 266,867,036 | 430,436,982 | 163,560,946 |
| | 1929 | 363 | 9,191 | 75,618 | 24,526,314 | 132,276,468 | 499,168,393 | 812,012,341 | 312,843,948 |
| Hartford area | 1939 | 671 | 8,992 | 62,244 | 20,933,970 | 80,424,117 | 121,947,975 | 326,666,843 | 204,718,868 |
| | 1937 | 666 | 10,496 | 70,079 | 22,742,699 | 89,473,937 | 120,337,658 | 314,894,007 | 194,559,349 |
| | 1935 | 608 | 9,267 | 55,138 | 18,739,313 | 59,844,853 | 81,291,724 | 216,320,361 | 135,028,637 |
| | 1929 | 602 | 9,260 | 64,919 | 24,736,580 | 89,062,766 | 120,580,817 | 346,497,052 | 225,016,235 |
| Albion-Bethlehem area | 1939 | 634 | 5,869 | 55,342 | 12,111,947 | 58,666,927 | 138,871,123 | 280,591,946 | 141,720,823 |
| | 1937 | 586 | 5,875 | 56,850 | 13,189,789 | 62,105,610 | 139,965,199 | 290,733,642 | 150,708,443 |
| | 1935 | 580 | 5,207 | 48,293 | 10,894,739 | 41,641,576 | 91,931,442 | 189,352,060 | 97,420,608 |
| | 1929 | 691 | 6,703 | 57,277 | 17,981,645 | 74,788,419 | 203,660,464 | 392,375,536 | 188,715,072 |
| Rochester area | 1939 | 803 | 9,458 | 51,331 | 24,082,832 | 70,961,249 | 137,231,763 | 345,900,066 | 208,668,303 |
| | 1937 | 704 | 12,653 | 67,690 | 27,867,633 | 75,019,612 | 145,659,444 | 342,224,259 | 198,594,815 |
| | 1935 | 798 | 10,945 | 44,548 | 20,667,624 | 59,260,281 | 100,803,010 | 235,732,961 | 135,139,981 |
| | 1929 | 1,039 | 11,835 | 62,185 | 31,760,795 | 87,779,513 | 161,008,007 | 408,195,860 | 246,587,853 |
| Minneapolis-St. Paul area | 1939 | 1,744 | 7,745 | 48,607 | 19,652,107 | 62,458,329 | 278,751,056 | 480,271,715 | 201,520,659 |
| | 1,622 | 11,494 | 55,969 | 24,876,877 | 69,315,991 | 328,204,218 | 533,732,678 | 205,528,400 | |
| | 1,681 | 11,356 | 60,637 | 23,160,195 | 49,754,179 | 265,761,206 | 432,517,353 | 166,756,147 | |
| | 1,916 | 12,964 | 57,465 | 31,741,874 | 72,756,182 | 419,947,060 | 677,989,747 | 258,042,687 | |
| Wheeling area | 1939 | 412 | 3,383 | 43,519 | 8,284,503 | 57,784,512 | 183,230,586 | 291,617,809 | 108,387,223 |
| | 1937 | 391 | 3,741 | 50,574 | 8,898,371 | 72,322,642 | 204,284,721 | 332,670,971 | 120,386,250 |
| | 1935 | 396 | 3,131 | 47,537 | 7,381,618 | 63,964,643 | 155,771,398 | 257,615,962 | 101,844,564 |
| | 1929 | 520 | 4,385 | 45,131 | 11,355,836 | 69,359,495 | 178,211,284 | 316,648,018 | 138,436,734 |
| Reading area | 1939 | 566 | 3,475 | 40,612 | 8,133,447 | 41,666,675 | 70,786,419 | 154,704,625 | 83,978,206 |
| | 1937 | 485 | 3,983 | 43,429 | 8,964,323 | 47,348,929 | 73,150,722 | 156,920,867 | 83,761,145 |
| | 1935 | 467 | 3,511 | 46,965 | 7,457,785 | 39,078,085 | 54,419,521 | 121,486,450 | 67,006,929 |
| | 1929 | 567 | 4,038 | 49,487 | 11,614,718 | 56,362,385 | 98,966,271 | 216,932,529 | 117,936,258 |
| Akron area | 1939 | 541 | 8,305 | 49,155 | 22,144,177 | 65,504,864 | 166,359,561 | 332,925,647 | 166,566,088 |
| | 1937 | 508 | 10,247 | 52,888 | 25,280,970 | 80,701,916 | 216,097,062 | 395,870,979 | 179,773,977 |
| | 1935 | 501 | 8,197 | 49,774 | 18,538,333 | 70,222,963 | 192,012,233 | 365,682,953 | 173,670,720 |
| | 1929 | 545 | 10,215 | 66,837 | 25,703,843 | 106,461,421 | 316,657,953 | 507,066,522 | 280,348,590 |
| Dayton area | 1939 | 491 | 6,335 | 39,367 | 16,291,734 | 60,089,013 | 114,879,532 | 277,133,661 | 162,254,129 |
| | 1937 | 432 | 8,137 | 47,368 | 17,256,711 | 72,593,591 | 129,842,443 | 315,584,017 | 185,701,574 |
| | 1935 | 432 | 6,440 | 34,237 | 13,211,949 | 43,632,132 | 83,359,067 | 204,759,530 | 121,400,523 |
| | 1929 | 509 | 7,805 | 42,251 | 20,870,165 | 64,248,308 | 116,527,095 | 326,861,142 | 210,334,047 |
| Indianapolis area | 1939 | 818 | 6,804 | 38,838 | 15,386,566 | 48,139,113 | 155,359,066 | 294,511,708 | 139,152,702 |
| | 1937 | 712 | 7,496 | 41,254 | 16,867,104 | 50,355,945 | 155,067,784 | 297,483,017 | 142,475,233 |
| | 1935 | 732 | 6,849 | 34,244 | 14,174,538 | 36,096,552 | 120,261,839 | 227,680,577 | 107,418,738 |
| | 1929 | 895 | 9,146 | 46,312 | 24,270,704 | 60,131,046 | 226,499,265 | 408,121,417 | 178,652,152 |
| Kansas City area | 1939 | 1,947 | 6,061 | 38,378 | 14,756,294 | 47,811,019 | 335,395,534 | 583,770,597 | 148,465,063 |
| | 1937 | 939 | 8,225 | 41,410 | 17,715,292 | 49,856,600 | 409,505,693 | 549,272,096 | 139,766,943 |
| | 1935 | 1,001 | 7,754 | 36,668 | 14,869,383 | 40,209,066 | 351,677,246 | 474,050,297 | 122,373,051 |
| | 1929 | 1,138 | 9,705 | 43,968 | 23,624,543 | 56,758,781 | 498,929,897 | 718,607,336 | 219,677,439 |
| Seattle-Tacoma area | 1939 | 1,520 | 5,473 | 36,853 | 13,163,434 | 50,708,151 | 178,018,521 | 302,226,607 | 124,208,086 |
| | 1937 | 1,292 | 7,047 | 39,193 | 13,828,468 | 51,202,204 | 191,815,528 | 307,401,262 | 115,554,734 |
| | 1935 | 1,266 | 5,849 | 30,631 | 11,594,273 | 34,262,587 | 132,860,402 | 218,823,187 | 85,962,785 |
| | 1929 | 1,723 | 7,206 | 44,374 | 18,813,817 | 61,282,691 | 218,577,034 | 372,280,069 | 163,709,035 |
| Springfield-Holyoke area | 1939 | 630 | 5,735 | 36,446 | 13,183,075 | 44,297,532 | 101,600,175 | 211,697,017 | 110,096,842 |
| | 1937 | 589 | 7,632 | 46,187 | 15,689,742 | 57,241,768 | 126,037,948 | 258,176,976 | 132,139,028 |
| | 1935 | 549 | 6,712 | 39,693 | 14,216,964 | 41,779,693 | 94,883,374 | 192,966,818 | 98,113,444 |
| | 1929 | 656 | 8,686 | 53,100 | 23,026,229 | 69,075,150 | 158,465,477 | 335,104,200 | 176,038,723 |
| Albany-Schenectady-Troy area | 1939 | 570 | 6,773 | 36,368 | 17,385,373 | 46,162,848 | 118,504,177 | 245,199,246 | 126,095,069 |
| | 1937 | 576 | 8,011 | 44,095 | 19,066,970 | 57,189,933 | 145,592,394 | 304,468,667 | 158,876,273 |
| | 1935 | 590 | 7,493 | 37,649 | 16,486,280 | 39,896,189 | 94,486,556 | 205,810,644 | 111,324,088 |
| | 1929 | 677 | 9,081 | 58,771 | 22,210,881 | 83,033,355 | 171,565,912 | 349,818,338 | 178,252,426 |
| Schenectady-Wilkes-Barre area | 1939 | 579 | 2,643 | 31,452 | 5,885,102 | 27,127,023 | 60,821,221 | 132,922,225 | 66,101,004 |
| | 1937 | 536 | 2,191 | 33,363 | 6,363,827 | 28,380,091 | 68,338,654 | 133,635,365 | 65,296,711 |
| | 1935 | 591 | 2,981 | 33,392 | 5,885,471 | 26,390,589 | 50,228,365 | 105,952,690 | 55,724,295 |
| | 1929 | 735 | 4,137 | 38,469 | 10,154,552 | 35,491,961 | 85,904,072 | 170,484,458 | 84,580,386 |
| Toledo area | 1939 | 499 | 4,945 | 30,676 | 12,928,057 | 43,655,822 | 137,933,906 | 249,409,045 | 111,475,130 |
| | 1937 | 390 | 6,741 | 41,716 | 15,256,272 | 59,023,179 | 191,105,647 | 334,092,058 | 142,985,411 |
| | 1935 | 376 | 5,410 | 37,606 | 12,222,193 | 44,540,557 | 134,349,321 | 261,099,327 | 126,729,006 |
| | 1929 | 605 | 6,684 | 51,646 | 21,398,094 | 75,941,087 | 254,477,438 | 461,282,809 | 206,895,371 |

¹ No data for employees of central-administrative offices are included.² The 1939 Census of Manufactures questionnaire, for the first time, called specifically for data on the personnel of manufacturing establishments who were employed in distribution, construction, and other nonmanufacturing activities, as well as those who were employed in manufacturing. The 1935 figures here presented do not include data for persons engaged in activities other than manufacturing, statistics for which will be found in chapter III, but it is not known how many of the persons reported for earlier years were engaged in such activities.³ 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 1937, the likelihood that the proportion of part-time employment varied should be taken into account. Also see footnote 2, above.⁴ Profits or 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.⁵ The totals 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 materials by others. This duplication occurs, as a rule, between different industries and is not found to any great extent in individual industries.⁶ Calculated by subtracting the sum of cost of materials, supplies, fuel, purchased electric energy, and contract work from the value of products.

GENERAL SUMMARY

53

TABLE 10.—GENERAL STATISTICS IN DETAIL, FOR INDUSTRIAL AREAS: 1939

| AREA | Number of establishments | Proprietors and firm members | PERSONS EMPLOYED BY MANUFACTURING ESTABLISHMENTS ^{1 2} | | | | | | |
|--|--------------------------|------------------------------|---|-----------------------------------|--------------------|--|--------------|--------------|--------|
| | | | Total | Salaried officers of corporations | Manufacturing | | Distribution | Construction | Other |
| | | | | | Salaried employees | Wage earners (average for year) ³ | | | |
| United States..... | 184,230 | 123,655 | 9,622,923 | 139,350 | 909,257 | 7,886,567 | 583,364 | 70,887 | 33,498 |
| Industrial areas, total..... | 98,377 | 63,622 | 5,374,180 | 86,149 | 551,461 | 4,311,567 | 367,210 | 37,874 | 17,919 |
| New York City-Newark-Jersey City..... | 33,385 | 23,156 | 1,092,792 | 30,673 | 104,601 | 849,608 | 96,163 | 7,074 | 4,673 |
| Chicago..... | 9,921 | 5,608 | 616,914 | 9,827 | 66,519 | 483,593 | 51,061 | 4,464 | 1,450 |
| Philadelphia-Camden..... | 6,062 | 4,553 | 394,909 | 5,259 | 38,333 | 321,725 | 25,482 | 2,663 | 1,447 |
| Detroit..... | 2,772 | 1,626 | 368,260 | 2,747 | 35,540 | 311,532 | 16,336 | 1,162 | 1,143 |
| Boston..... | 5,673 | 3,172 | 290,859 | 4,980 | 29,933 | 237,496 | 16,077 | 1,413 | 954 |
| Pittsburgh..... | 2,110 | 1,284 | 230,163 | 1,784 | 23,638 | 191,903 | 9,456 | 2,929 | 393 |
| Providence-Fall River-New Bedford..... | 2,036 | 1,203 | 174,307 | 1,802 | 13,747 | 153,013 | 4,534 | 734 | 677 |
| Cleveland..... | 2,699 | 1,219 | 175,499 | 2,743 | 20,401 | 149,653 | 10,498 | 664 | 570 |
| Bridgeport-New Haven-Waterbury..... | 1,728 | 813 | 187,811 | 1,936 | 17,304 | 128,396 | 8,353 | 1,437 | 385 |
| St. Louis..... | 2,787 | 1,982 | 161,572 | 2,829 | 16,157 | 126,831 | 13,733 | 1,678 | 344 |
| Los Angeles..... | 5,594 | 4,947 | 171,392 | 2,873 | 22,309 | 126,391 | 17,814 | 1,203 | 802 |
| Baltimore..... | 2,032 | 1,598 | 126,114 | 1,530 | 10,856 | 105,737 | 7,017 | 610 | 364 |
| Milwaukee..... | 1,936 | 846 | 127,799 | 2,354 | 15,914 | 98,415 | 9,975 | 617 | 524 |
| Buffalo..... | 1,470 | 765 | 117,251 | 1,459 | 15,160 | 91,328 | 7,389 | 1,089 | 226 |
| Cincinnati..... | 1,772 | 1,112 | 109,101 | 1,660 | 11,336 | 87,384 | 7,960 | 453 | 308 |
| Worcester..... | 1,119 | 529 | 93,380 | 1,168 | 9,155 | 78,273 | 3,879 | 499 | 306 |
| San Francisco-Oakland..... | 3,441 | 3,141 | 101,557 | 1,643 | 11,893 | 76,374 | 9,637 | 1,614 | 396 |
| Youngstown..... | 547 | 314 | 82,693 | 397 | 7,269 | 72,826 | 1,643 | 490 | 68 |
| Hartford..... | 671 | 312 | 75,041 | 850 | 8,012 | 62,244 | 3,337 | 473 | 125 |
| Allentown-Bethlehem..... | 624 | 394 | 62,802 | 551 | 5,309 | 55,342 | 1,326 | 184 | 90 |
| Rochester..... | 803 | 429 | 67,574 | 856 | 8,692 | 51,231 | 4,503 | 1,949 | 333 |
| Minneapolis-St. Paul..... | 1,744 | 1,163 | 65,244 | 1,518 | 6,227 | 48,607 | 8,188 | 255 | 449 |
| Wheeling..... | 412 | 206 | 49,204 | 317 | 3,066 | 43,519 | 1,090 | 1,136 | 76 |
| Reading..... | 506 | 317 | 46,299 | 507 | 2,968 | 40,612 | 1,819 | 214 | 89 |
| Akron..... | 341 | 140 | 52,656 | 411 | 7,924 | 40,155 | 3,693 | 430 | 53 |
| Dayton..... | 461 | 209 | 49,512 | 518 | 5,817 | 39,367 | 3,501 | 134 | 175 |
| Indianapolis..... | 818 | 401 | 50,840 | 819 | 5,085 | 38,838 | 4,737 | 312 | 449 |
| Kansas City..... | 1,047 | 586 | 51,067 | 959 | 5,102 | 38,378 | 6,199 | 171 | 258 |
| Seattle-Tacoma..... | 1,539 | 958 | 46,338 | 1,149 | 4,324 | 36,853 | 3,452 | 323 | 227 |
| Springfield-Holyoke..... | 650 | 282 | 45,281 | 645 | 5,110 | 36,446 | 2,582 | 439 | 59 |
| Albany-Schenectady-Troy..... | 579 | 341 | 46,090 | 499 | 6,274 | 36,368 | 2,296 | 325 | 328 |
| Scranton-Wilkes-Barre..... | 579 | 390 | 35,883 | 377 | 2,536 | 31,452 | 1,361 | 98 | 50 |
| Toledo..... | 499 | 226 | 38,125 | 503 | 4,440 | 30,676 | 2,369 | 18 | 119 |

| AREA | SALARIES AND WAGES | | | | | | |
|--|--------------------|--------------------------------------|-----------------|-----------------|-----------------|---------------|--------------|
| | Total ⁴ | Salaries of officers of corporations | Manufacturing | | Distribution | Construction | Other |
| | | | Salaries | Wages | | | |
| United States..... | \$12,836,584,293 | \$756,910,428 | \$1,783,446,942 | \$9,089,940,916 | \$1,052,755,302 | \$107,557,384 | \$45,973,321 |
| Industrial areas, total..... | 7,993,998,807 | 506,800,298 | 1,138,545,800 | 5,552,128,050 | 705,440,520 | 64,293,292 | 26,790,847 |
| New York City-Newark-Jersey City..... | 1,616,810,823 | 156,626,879 | 214,456,259 | 1,042,681,700 | 182,228,305 | 14,254,146 | 7,163,534 |
| Chicago..... | 953,275,380 | 62,057,457 | 143,612,165 | 640,533,131 | 97,838,090 | 7,405,578 | 1,828,959 |
| Philadelphia-Camden..... | 557,510,494 | 34,048,216 | 77,325,879 | 387,115,110 | 51,979,344 | 5,294,058 | 1,747,887 |
| Detroit..... | 657,393,332 | 20,630,336 | 87,170,827 | 511,969,475 | 34,329,725 | 1,979,191 | 1,973,778 |
| Boston..... | 385,288,736 | 28,659,017 | 57,232,969 | 264,495,570 | 31,454,628 | 2,160,703 | 1,286,449 |
| Pittsburgh..... | 357,981,899 | 10,928,394 | 52,623,527 | 271,080,178 | 18,598,067 | 4,124,089 | 627,644 |
| Providence-Fall River-New Bedford..... | 192,374,961 | 11,408,490 | 24,227,388 | 146,084,673 | 8,715,257 | 1,094,156 | 844,997 |
| Cleveland..... | 285,092,530 | 17,795,351 | 43,623,293 | 200,153,593 | 21,592,443 | 1,140,792 | 787,045 |
| Bridgeport-New Haven-Waterbury..... | 215,926,804 | 12,936,803 | 33,170,543 | 150,993,009 | 15,893,259 | 2,291,707 | 644,483 |
| St. Louis..... | 229,629,214 | 16,174,899 | 31,706,701 | 152,939,450 | 25,878,649 | 2,472,699 | 450,816 |
| Los Angeles..... | 258,123,668 | 15,336,999 | 42,144,629 | 166,630,467 | 30,489,643 | 2,090,562 | 1,431,368 |
| Baltimore..... | 171,508,272 | 9,056,090 | 21,361,206 | 126,981,059 | 12,881,854 | 708,923 | 450,140 |
| Milwaukee..... | 204,360,782 | 13,369,697 | 30,960,141 | 137,897,194 | 20,224,817 | 1,099,628 | 869,305 |
| Buffalo..... | 186,032,791 | 9,383,016 | 32,253,538 | 127,122,954 | 14,348,247 | 2,640,447 | 284,589 |
| Cincinnati..... | 163,044,483 | 10,858,753 | 23,486,210 | 112,224,524 | 15,302,052 | 808,291 | 364,653 |
| Worcester..... | 122,789,706 | 7,506,158 | 17,583,775 | 88,860,263 | 7,555,088 | 767,611 | 486,811 |
| San Francisco-Oakland..... | 166,273,326 | 8,313,547 | 24,591,766 | 110,964,281 | 18,964,347 | 2,874,607 | 564,778 |
| Youngstown..... | 130,884,786 | 2,305,901 | 16,417,281 | 107,944,195 | 3,149,563 | 986,693 | 81,173 |
| Hartford..... | 108,871,761 | 5,460,022 | 15,473,948 | 80,424,117 | 6,611,691 | 724,106 | 177,877 |
| Allentown-Bethlehem..... | 74,542,854 | 3,014,625 | 10,097,322 | 58,666,927 | 2,369,317 | 284,529 | 110,134 |
| Rochester..... | 107,372,407 | 5,449,006 | 18,633,826 | 70,961,249 | 8,504,366 | 3,355,990 | 467,970 |
| Minneapolis-St. Paul..... | 97,756,597 | 7,981,248 | 11,670,859 | 62,458,329 | 14,598,168 | 328,726 | 719,267 |
| Wheeling..... | 69,148,999 | 1,724,124 | 6,560,379 | 57,784,542 | 1,775,445 | 1,183,051 | 121,428 |
| Reading..... | 54,084,698 | 2,821,587 | 5,311,860 | 41,696,675 | 3,800,100 | 346,760 | 107,626 |
| Akron..... | 96,821,372 | 3,226,211 | 18,917,966 | 65,504,864 | 8,297,250 | 798,426 | 76,655 |
| Dayton..... | 83,387,346 | 3,728,821 | 12,563,113 | 60,089,013 | 6,389,290 | 253,388 | 363,921 |
| Indianapolis..... | 74,013,112 | 5,025,823 | 10,360,743 | 48,139,113 | 8,824,389 | 418,174 | 1,244,870 |
| Kansas City..... | 73,723,764 | 5,210,643 | 9,545,651 | 47,811,019 | 10,513,739 | 291,361 | 351,331 |
| Seattle-Tacoma..... | 70,834,770 | 4,734,777 | 8,368,657 | 50,708,151 | 6,208,675 | 524,894 | 289,596 |
| Springfield-Holyoke..... | 63,561,475 | 4,034,040 | 9,149,035 | 44,297,532 | 5,187,496 | 811,946 | 81,426 |
| Albany-Schenectady-Troy..... | 68,969,512 | 3,020,343 | 14,365,030 | 46,162,848 | 4,295,965 | 596,876 | 528,450 |
| Scranton-Wilkes-Barre..... | 35,232,052 | 1,839,552 | 4,043,550 | 27,127,023 | 2,048,543 | 90,049 | 81,308 |
| Toledo..... | 61,373,158 | 3,393,673 | 9,534,384 | 43,655,822 | 4,592,626 | 31,135 | 165,516 |

See footnotes at end of table.

CENSUS OF MANUFACTURES: 1939

TABLE 10.—GENERAL STATISTICS IN DETAIL, FOR INDUSTRIAL AREAS: 1939—Continued

| AREA | COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK | | | | | Value of products ¹ | Value added by manufacture ² |
|-----------------------------------|---|------------------------|---------------|---------------------------|---------------|--------------------------------|---|
| | Total ³ | Materials and supplies | Fuel | Purchased electric energy | Contract work | | |
| United States | 622,166,106,681 | \$36,254,960,667 | \$899,463,848 | \$465,426,583 | \$589,255,583 | \$56,843,024,800 | \$24,682,918,119 |
| Industrial areas, total | 18,656,916,279 | 17,456,438,356 | 491,739,207 | 239,863,036 | 474,935,680 | 33,575,754,731 | 14,918,838,452 |
| New York City-Newark-Jersey City | 3,887,580,270 | 3,523,042,272 | 41,872,413 | 39,574,278 | 283,091,307 | 6,948,444,631 | 3,060,864,361 |
| Chicago | 2,367,826,185 | 2,216,493,646 | 87,293,416 | 26,320,033 | 37,809,090 | 4,277,815,582 | 1,906,989,397 |
| Philadelphia-Camden | 1,262,204,479 | 1,179,269,975 | 32,285,789 | 15,391,466 | 25,271,249 | 2,292,960,250 | 1,040,711,771 |
| Detroit | 1,650,125,393 | 1,564,376,724 | 29,446,535 | 15,464,995 | 20,837,139 | 2,719,210,429 | 1,069,085,036 |
| Boston | 764,645,460 | 721,522,303 | 14,511,241 | 9,943,118 | 18,666,798 | 1,425,482,462 | 660,839,002 |
| Pittsburgh | 856,173,378 | 779,362,691 | 60,994,813 | 14,682,878 | 3,193,196 | 1,501,398,647 | 643,225,060 |
| Providence-Fall River-New Bedford | 348,506,053 | 331,241,038 | 6,880,373 | 7,866,633 | 2,818,009 | 663,917,458 | 315,111,405 |
| Cleveland | 976,594,927 | 894,583,948 | 26,613,241 | 8,773,813 | 7,133,825 | 1,123,146,504 | 546,641,677 |
| Bridgeport-New Haven-Waterbury | 328,800,811 | 310,554,882 | 7,863,964 | 6,029,774 | 4,421,191 | 722,554,276 | 393,684,465 |
| St. Louis | 626,078,693 | 599,169,735 | 10,726,826 | 6,702,551 | 6,540,477 | 1,086,595,741 | 463,516,138 |
| Los Angeles | 766,906,363 | 682,958,439 | 7,946,944 | 7,903,053 | 8,098,467 | 1,219,433,652 | 512,526,749 |
| Baltimore | 515,298,580 | 481,635,948 | 17,817,487 | 6,428,413 | 9,416,732 | 856,967,248 | 341,698,686 |
| Memphis | 392,224,026 | 375,291,637 | 7,329,086 | 5,140,397 | 4,463,506 | 753,080,088 | 361,456,092 |
| Buffalo | 510,893,150 | 471,175,210 | 24,301,363 | 12,678,969 | 2,427,578 | 905,220,833 | 394,337,713 |
| Cincinnati | 396,912,380 | 369,397,626 | 9,136,356 | 4,133,721 | 4,242,877 | 702,620,018 | 315,707,438 |
| Worcester | 178,359,338 | 165,705,221 | 5,186,467 | 4,195,622 | 3,272,028 | 376,837,735 | 198,478,397 |
| San Francisco-Oakland | 600,156,725 | 581,212,206 | 7,268,352 | 6,114,642 | 5,534,545 | 960,636,411 | 360,479,686 |
| Youngstown | 462,716,763 | 364,496,151 | 32,413,140 | 5,724,874 | 92,598 | 629,223,979 | 226,507,216 |
| Hartford | 121,647,975 | 109,896,361 | 2,867,931 | 2,835,707 | 6,357,976 | 326,660,843 | 204,718,868 |
| Allentown-Bethlehem | 136,871,123 | 120,729,000 | 12,719,536 | 3,695,567 | 1,720,718 | 260,591,946 | 141,720,823 |
| Rochester | 137,291,763 | 130,478,992 | 3,768,997 | 2,158,398 | 825,406 | 345,900,066 | 208,068,303 |
| Minneapolis-St. Paul | 278,781,656 | 269,887,116 | 3,614,131 | 2,804,551 | 2,444,258 | 450,271,715 | 201,520,659 |
| Wheating | 183,280,886 | 167,978,192 | 12,126,442 | 2,309,387 | 614,665 | 291,617,809 | 108,387,223 |
| Reading | 70,796,419 | 64,830,802 | 2,160,396 | 1,887,808 | 1,898,413 | 154,764,625 | 83,978,206 |
| Akron | 196,339,561 | 159,428,734 | 4,060,330 | 2,180,090 | 700,407 | 332,025,647 | 166,560,080 |
| Dayton | 114,879,532 | 108,406,232 | 1,925,007 | 2,170,246 | 2,375,047 | 277,133,661 | 162,254,129 |
| Indianapolis | 155,359,006 | 148,896,098 | 2,144,263 | 2,380,006 | 1,935,639 | 294,511,708 | 139,152,702 |
| Kansas City | 335,305,534 | 327,592,263 | 3,568,778 | 2,792,367 | 1,352,126 | 483,770,597 | 148,465,063 |
| Seattle-Tacoma | 178,618,521 | 170,990,418 | 2,500,852 | 2,581,777 | 1,945,474 | 302,226,607 | 124,208,086 |
| Springfield-Holyoke | 161,660,175 | 95,771,396 | 2,698,208 | 2,119,919 | 1,010,652 | 211,697,017 | 110,096,842 |
| Albany-Schenectady-Troy | 118,594,177 | 111,570,988 | 3,111,416 | 2,325,474 | 1,496,299 | 245,199,246 | 126,695,069 |
| Saratoga-Wilkes-Barre | 96,821,221 | 62,680,398 | 964,358 | 1,549,267 | 1,627,198 | 132,922,225 | 66,101,004 |
| Toledo | 137,993,906 | 129,847,294 | 4,349,780 | 2,442,942 | 1,293,890 | 249,409,045 | 111,475,139 |

¹ No data for employees of central-administrative offices are included.

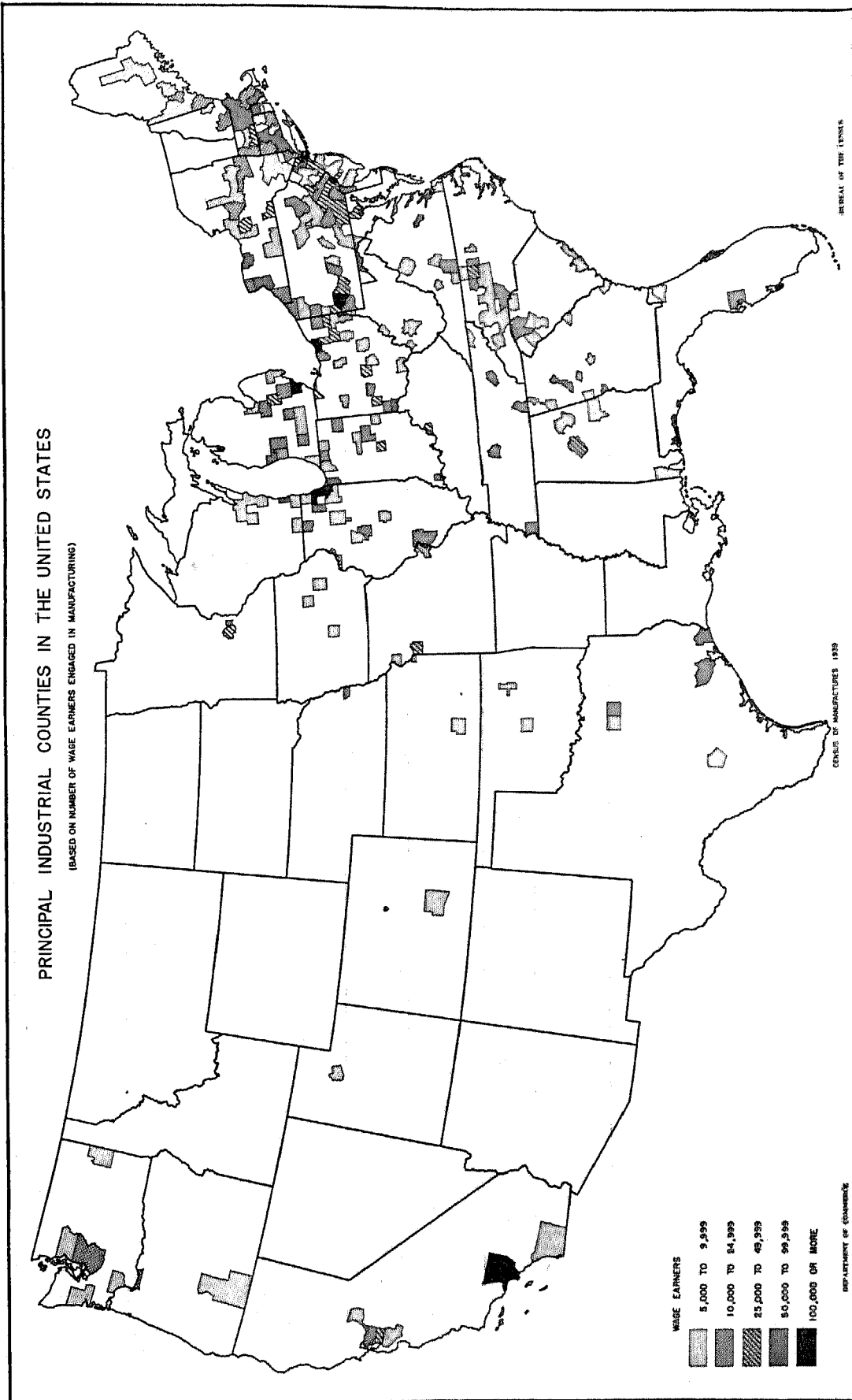
² The 1939 Census of Manufactures questionnaire, for the first time, called for personnel employed in distribution, construction, etc., separately from the manufacturing employees of the plants, and therefore the data for earlier years probably are not strictly comparable with those for 1939. It is not 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.

³ 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.

⁴ 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.

⁵ 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.

⁶ Calculated by subtracting the sum of the cost of materials, supplies, fuel, purchased electric energy, and contract work from the value of products.



CENSUS OF MANUFACTURES: 1939

TABLE 11.—SUMMARY FOR PRINCIPAL INDUSTRIAL COUNTIES, RANKED ACCORDING TO NUMBER OF WAGE EARNERS: 1939

(This table presents statistics for all counties in which 2,500 or more wage earners were employed in manufacturing establishments, for the independent cities of Baltimore and St. Louis, and for the District of Columbia)

| COUNTY AND STATE | Population, 1940 | Number of estab- lish- ments | WAGE EARNERS (AVERAGE FOR YEAR) ¹ | | Wages ² | Cost of materials, supplies, fuel, purchased electric energy, and con- tract work ³ | Value of prod- ucts ⁴ | Value added by manufacture ⁵ |
|------------------------------|---------------------|---------------------------------------|--|------|------------------------|--|-------------------------------------|--|
| | | | Number | Rank | | | | |
| United States | 131,669,273 | 184,239 | 7,886,567 | | \$5,089,940,916 | \$32,160,106,681 | \$56,843,024,800 | \$24,682,918,119 |
| Total for counties listed | 80,225,206 | 142,407 | 6,870,952 | | 8,243,799,040 | 28,465,938,780 | 50,761,181,863 | 22,295,243,083 |
| Percent of United States | 60.9 | 77.3 | 87.2 | | 90.7 | 88.5 | 89.3 | 90.3 |
| Cook County, Ill. | 4,062,342 | 9,126 | 353,837 | 1 | 508,424,374 | 1,770,318,132 | 3,286,085,645 | 1,515,767,513 |
| New York County, N. Y. | 1,889,924 | 19,949 | 360,102 | 2 | 378,629,784 | 1,469,212,872 | 2,618,700,898 | 1,149,488,026 |
| Wayne County, Mich. | 2,015,023 | 2,633 | 293,199 | 3 | (⁶) | (⁶) | (⁶) | (⁶) |
| Philadelphia County, Pa. | 1,931,394 | 4,511 | 196,356 | 4 | 231,691,380 | 766,035,636 | 1,418,256,304 | 652,220,668 |
| Kings County, N. Y. | 2,698,285 | 4,910 | 135,422 | 5 | 155,948,038 | 445,684,462 | 870,578,728 | 424,894,266 |
| Los Angeles County, Calif. | 2,785,642 | 5,594 | 126,391 | 6 | 166,630,467 | 706,906,903 | 1,219,433,652 | 512,526,749 |
| Cuyahoga County, Ohio | 1,217,259 | 2,576 | 123,876 | 7 | 178,521,574 | 507,320,185 | 896,703,500 | 489,383,375 |
| Allegheny County, Pa. | 1,411,539 | 1,871 | 124,216 | 8 | 174,608,567 | 580,796,799 | 1,007,975,693 | 427,178,794 |
| *St. Louis City, Mo. | 816,048 | 2,241 | 89,533 | 9 | 104,020,548 | 398,357,607 | 716,083,507 | 318,325,990 |
| Providence County, R. I. | 550,298 | 1,256 | 88,853 | 10 | 89,589,673 | 232,777,079 | 437,966,450 | 205,189,401 |
| Hudson County, N. J. | 632,049 | 1,778 | 86,151 | 11 | 109,361,585 | 421,863,846 | 765,853,956 | 343,990,110 |
| Milwaukee County, Wis. | 766,985 | 1,657 | 80,255 | 12 | 112,059,610 | 306,853,629 | 596,556,119 | 289,702,490 |
| Worcester County, Mass. | 971,390 | 1,555 | 78,354 | 13 | 84,562,423 | 276,659,706 | 506,906,838 | 230,247,132 |
| Worcester County, Mass. | 904,479 | 1,119 | 78,373 | 14 | 88,890,263 | 178,359,338 | 376,837,735 | 198,478,397 |
| Essex County, N. J. | 837,340 | 2,028 | 78,008 | 15 | 95,905,353 | 322,513,735 | 613,335,338 | 290,821,003 |
| *Baltimore City, Md. | 839,400 | 1,935 | 76,556 | 16 | 81,064,725 | 396,696,762 | 646,072,839 | 249,376,077 |
| Essex County, Mass. | 496,313 | 1,081 | 73,489 | 17 | 78,265,087 | 180,990,795 | 341,639,845 | 160,649,050 |
| Essex County, N. Y. | 798,377 | 1,249 | 70,489 | 18 | 98,032,996 | 415,405,765 | 706,790,225 | 291,393,450 |
| New Haven County, Conn. | 484,318 | 885 | 68,789 | 19 | 81,296,687 | 168,677,248 | 374,450,667 | 205,773,419 |
| Hamilton County, Ohio | 621,667 | 1,525 | 67,914 | 20 | 83,637,022 | 299,012,243 | 551,861,240 | 252,848,997 |
| Bristol County, Mass. | 364,637 | 780 | 64,139 | 21 | 56,495,090 | 116,028,974 | 225,950,978 | 109,922,004 |
| Suffolk County, Mass. | 803,248 | 2,086 | 62,467 | 22 | 71,404,532 | 332,491,920 | 435,705,457 | 203,213,537 |
| Hartford County, Conn. | 450,189 | 671 | 62,245 | 23 | 80,424,117 | 121,947,975 | 326,066,843 | 204,718,868 |
| Fairfield County, Conn. | 418,194 | 843 | 59,697 | 24 | 66,726,322 | 160,192,563 | 348,103,609 | 187,911,046 |
| Lake County, Ind. | 293,185 | 230 | 58,825 | 25 | 62,690,329 | 468,462,633 | 736,549,638 | 298,087,005 |
| Pascale County, N. J. | 300,333 | 934 | 56,947 | 26 | 60,639,004 | 123,621,468 | 264,651,471 | 141,030,003 |
| Queens County, N. Y. | 1,297,634 | 1,544 | 52,485 | 27 | 65,410,911 | 220,625,778 | 423,431,391 | 202,805,613 |
| Monroe County, N. Y. | 438,290 | 803 | 51,331 | 28 | 70,961,252 | 137,231,763 | 345,906,066 | 208,668,303 |
| Berk County, Pa. | 241,884 | 506 | 46,612 | 29 | 41,696,675 | 70,786,419 | 154,764,625 | 83,978,206 |
| Hammit County, Ohio | 339,465 | 341 | 46,155 | 30 | 65,504,864 | 166,359,561 | 332,925,647 | 166,566,086 |
| Montgomery County, Ohio | 295,480 | 461 | 39,267 | 31 | 60,089,013 | 114,879,532 | 277,133,661 | 162,254,129 |
| Marion County, Ind. | 460,926 | 818 | 38,838 | 32 | 48,139,113 | 155,399,006 | 294,511,708 | 139,152,702 |
| Hampden County, Mass. | 532,378 | 650 | 36,446 | 33 | 44,297,532 | 101,600,175 | 211,697,017 | 110,096,842 |
| Middlesex County, N. J. | 217,077 | 414 | 36,170 | 34 | 41,437,637 | 349,427,609 | 465,084,048 | 115,656,439 |
| Montgomery County, Pa. | 299,247 | 806 | 34,196 | 35 | 38,517,573 | 99,351,356 | 188,855,664 | 89,504,308 |
| Genesee County, Mich. | 227,944 | 139 | 33,085 | 36 | (⁶) | (⁶) | (⁶) | (⁶) |
| Madison County, Ohio | 245,251 | 219 | 33,074 | 37 | 49,536,662 | 206,154,611 | 304,794,591 | 98,639,980 |
| Northampton County, Pa. | 168,239 | 278 | 32,634 | 38 | 38,050,722 | 78,235,297 | 173,284,394 | 95,049,007 |
| Union County, N. J. | 328,384 | 509 | 32,591 | 39 | 43,852,354 | 162,552,149 | 263,402,598 | 130,850,449 |
| San Francisco County, Calif. | 634,536 | 2,172 | 31,789 | 40 | 44,723,211 | 174,783,186 | 319,232,639 | 138,469,453 |
| Jefferson County, Ky. | 265,302 | 564 | 31,114 | 41 | 32,216,403 | 192,623,222 | 304,527,919 | 111,904,697 |
| Lucas County, Ohio | 344,339 | 499 | 30,676 | 42 | 43,655,822 | 137,933,906 | 249,409,045 | 111,475,130 |
| Baltimore County, Md. | 155,825 | 87 | 29,181 | 43 | 45,916,394 | 118,601,818 | 210,894,409 | 92,292,591 |
| Camden County, N. J. | 255,727 | 290 | 29,028 | 44 | 37,479,929 | 114,366,685 | 222,708,417 | 108,341,732 |
| Jefferson County, Ala. | 439,930 | 383 | 28,921 | 45 | 33,190,910 | 150,819,105 | 256,650,263 | 105,840,168 |
| Lark County, Ohio | 234,887 | 328 | 28,808 | 46 | 42,116,892 | 116,803,552 | 224,734,793 | 107,931,241 |
| Stark County, Pa. | 212,594 | 431 | 27,718 | 47 | 25,114,722 | 65,558,833 | 131,382,414 | 65,823,581 |
| Broomfield County, N. Y. | 165,749 | 207 | 27,679 | 48 | 30,426,358 | 67,988,457 | 129,893,770 | 61,895,313 |
| York County, Pa. | 178,022 | 457 | 27,392 | 49 | 24,440,429 | 63,082,587 | 129,871,619 | 66,789,032 |
| Alameda County, Calif. | 513,011 | 678 | 27,040 | 50 | 37,898,309 | 159,477,503 | 282,405,138 | 122,927,635 |
| Hennepin County, Minn. | 598,899 | 1,143 | 26,957 | 51 | 34,390,127 | 120,131,192 | 229,137,565 | 109,006,373 |
| Beaver County, Pa. | 156,754 | 165 | 26,659 | 52 | 39,470,966 | 130,363,752 | 218,913,277 | 88,549,525 |
| Westmoreland County, Pa. | 303,411 | 245 | 26,556 | 53 | 36,130,319 | 85,996,956 | 168,906,433 | 82,909,477 |
| Delaware County, Pa. | 310,756 | 214 | 26,530 | 54 | 39,889,544 | 160,570,126 | 256,124,632 | 95,554,506 |
| Jackson County, Mo. | 477,828 | 851 | 26,060 | 55 | 31,614,944 | 106,401,750 | 268,394,790 | 101,993,040 |
| Bergen County, N. J. | 409,646 | 548 | 25,952 | 56 | 31,911,188 | 162,673,167 | 250,532,158 | 87,858,991 |
| Onondaga County, N. Y. | 295,108 | 495 | 25,644 | 57 | 31,673,386 | 67,695,226 | 150,691,615 | 82,996,389 |
| Franklin County, Ohio | 388,712 | 521 | 25,606 | 58 | 29,982,572 | 90,696,939 | 181,602,232 | 90,905,293 |
| Monroe County, N. J. | 197,318 | 326 | 25,329 | 59 | 28,643,082 | 54,282,633 | 126,441,918 | 72,159,285 |
| Guilford County, N. C. | 132,916 | 252 | 25,176 | 60 | 19,667,164 | 49,264,883 | 88,993,154 | 39,728,271 |
| Fulton County, Ga. | 392,886 | 590 | 24,718 | 61 | 22,145,425 | 111,987,338 | 189,156,633 | 77,109,295 |
| King County, Wash. | 504,980 | 1,216 | 24,252 | 62 | 33,953,902 | 87,246,511 | 173,098,445 | 85,791,914 |
| Kent County, Mich. | 246,338 | 491 | 23,965 | 63 | 29,235,873 | 64,185,509 | 130,137,069 | 71,951,500 |
| Norfolk County, Mass. | 325,180 | 421 | 23,145 | 64 | 30,265,528 | 74,501,039 | 141,230,322 | 66,729,283 |
| Onondaga County, N. Y. | 293,686 | 399 | 22,961 | 65 | 24,299,017 | 63,246,271 | 124,281,625 | 61,035,254 |
| Harris County, Tex. | 328,961 | 655 | 22,765 | 66 | 30,655,880 | 229,992,035 | 337,130,303 | 107,138,268 |
| Lehigh County, Pa. | 177,533 | 346 | 22,709 | 67 | 29,616,265 | 60,635,826 | 107,307,642 | 46,671,816 |
| Hillsborough County, N. H. | 144,898 | 245 | 22,284 | 68 | 29,966,306 | 60,460,318 | 103,897,512 | 43,488,194 |
| Westchester County, N. Y. | 575,558 | 523 | 21,842 | 69 | 25,818,917 | 107,183,827 | 186,834,787 | 79,650,960 |
| Forsyth County, N. C. | 128,473 | 134 | 21,673 | 70 | (⁶) | (⁶) | (⁶) | (⁶) |
| Cabarrus County, N. C. | 50,393 | 46 | 21,666 | 71 | (⁶) | (⁶) | (⁶) | (⁶) |
| Saint Joseph County, Ind. | 161,823 | 202 | 20,840 | 72 | 29,625,234 | 96,193,094 | 157,818,171 | 71,625,077 |
| Niagara County, N. Y. | 160,110 | 221 | 20,899 | 73 | 29,089,958 | 95,477,385 | 198,421,638 | 102,944,253 |
| Hamilton County, Tenn. | 180,478 | 261 | 20,674 | 74 | 17,343,770 | 45,902,760 | 87,227,617 | 41,324,757 |
| Orleans Parish, La. | 494,837 | 644 | 19,707 | 75 | 15,895,652 | 66,247,854 | 126,551,895 | 60,304,041 |

See footnotes at end of table.

GENERAL SUMMARY

57

TABLE 11.—SUMMARY FOR PRINCIPAL INDUSTRIAL COUNTIES, RANKED ACCORDING TO NUMBER OF WAGE EARNERS: 1939—Continued

[See note at head of table]

| COUNTY AND STATE | Population, 1940 | Number of estab- lish- ments | WAGE EARNERS (AVERAGE FOR YEAR) ¹ | | Wages ² | Cost of materials, supplies, fuel, purchased electric energy, and con- tract work ³ | Value of prod- ucts ⁴ | Value added by manufacture ⁵ |
|--|---------------------|---------------------------------------|--|------|--------------------|--|-------------------------------------|--|
| | | | Number | Rank | | | | |
| Gaston County, N. C. | 87,531 | 134 | 19,698 | 76 | \$13,564,908 | \$33,964,547 | \$59,554,241 | \$25,649,694 |
| Erie County, Pa. | 180,889 | 309 | 19,251 | 77 | 25,026,079 | 70,167,192 | 142,392,797 | 72,225,695 |
| Trumbull County, Ohio | 132,315 | 141 | 19,216 | 78 | 29,877,314 | 117,823,642 | 186,947,815 | 69,124,173 |
| Luzerne County, Pa. | 441,518 | 307 | 19,622 | 79 | 16,393,816 | 40,942,164 | 81,897,435 | 40,955,271 |
| Henrico County and Richmond City, Va. | 235,902 | 343 | 18,940 | 80 | 18,520,376 | 265,146,907 | 376,311,183 | 111,164,276 |
| Multnomah County, Oreg. | 355,099 | 822 | 18,594 | 81 | 22,985,830 | 79,330,172 | 139,779,896 | 60,449,694 |
| Bronx County, N. Y. | 1,394,711 | 1,082 | 18,577 | 82 | 24,160,454 | 52,533,884 | 115,752,382 | 63,218,498 |
| Greenville County, S. C. | 136,580 | 118 | 18,231 | 83 | 13,856,596 | 40,190,358 | 65,138,127 | 24,947,769 |
| Shelby County, Tenn. | 358,250 | 378 | 18,225 | 84 | 16,358,251 | 119,963,730 | 168,755,575 | 57,791,845 |
| Berkshire County, Mass. | 122,273 | 176 | 18,136 | 85 | 20,658,674 | 41,428,423 | 90,377,798 | 48,949,375 |
| Madison County, Ill. | 149,349 | 162 | 18,023 | 86 | 24,828,425 | 98,312,283 | 169,764,260 | 71,451,977 |
| Spartanburg County, S. C. | 127,733 | 104 | 17,536 | 87 | 12,208,485 | 28,638,493 | 51,717,419 | 23,078,917 |
| Winnebago County, Ill. | 121,178 | 266 | 17,466 | 88 | 21,496,633 | 35,542,424 | 86,503,165 | 50,960,741 |
| Davidson County, Tenn. | 257,267 | 314 | 17,427 | 89 | 16,964,110 | 63,550,531 | 121,918,334 | 58,367,783 |
| Ramsey County, Minn. | 309,935 | 575 | 17,158 | 90 | 21,576,134 | 77,808,986 | 156,263,819 | 78,454,833 |
| Dallas County, Texas | 398,664 | 716 | 16,339 | 91 | 15,522,683 | 94,291,666 | 155,945,064 | 61,633,398 |
| Oakland County, Mich. | 254,068 | 139 | 16,133 | 92 | (⁶) | (⁶) | (⁶) | (⁶) |
| Dauphin County, Pa. | 177,410 | 251 | 15,685 | 93 | 16,715,936 | 59,997,786 | 109,585,064 | 49,587,278 |
| New Castle County, Del. | 179,662 | 241 | 15,633 | 94 | 19,110,601 | 50,742,099 | 98,445,431 | 47,703,332 |
| Plymouth County, Mass. | 168,824 | 364 | 15,139 | 95 | 15,131,652 | 41,536,730 | 74,273,222 | 32,716,472 |
| Knox County, Tenn. | 178,468 | 190 | 14,893 | 96 | 11,834,643 | 31,324,216 | 60,753,291 | 29,429,075 |
| Lorain County, Ohio | 112,394 | 123 | 14,777 | 97 | 21,632,919 | 69,184,642 | 126,442,944 | 57,258,302 |
| Rock Island County, Ill. | 113,323 | 151 | 14,651 | 98 | 20,369,773 | 53,119,118 | 99,996,410 | 46,877,292 |
| Butler County, Ohio | 120,249 | 130 | 14,623 | 99 | 21,612,287 | 68,247,312 | 114,514,042 | 49,260,730 |
| Washington County, Pa. | 210,852 | 131 | 14,473 | 100 | 20,876,326 | 61,016,071 | 105,693,944 | 44,387,273 |
| Androscoggin County, Maine | 76,679 | 153 | 14,308 | 101 | 11,994,771 | 29,320,718 | 55,848,447 | 26,527,729 |
| Cambria County, Pa. | 213,459 | 133 | 14,191 | 102 | 19,056,739 | 65,969,474 | 162,060,365 | 36,150,891 |
| Allen County, Ind. | 155,084 | 180 | 14,173 | 103 | 19,064,164 | 66,278,494 | 120,531,458 | 54,252,964 |
| Hancock County, W. Va. | 31,572 | 41 | 14,005 | 104 | (⁶) | (⁶) | (⁶) | (⁶) |
| Vanderburg County, Ind. | 130,783 | 203 | 13,854 | 105 | 16,744,451 | 71,504,625 | 133,419,132 | 61,914,507 |
| Chautauqua County, N. Y. | 123,580 | 218 | 13,787 | 106 | 14,647,058 | 31,137,512 | 68,306,697 | 37,169,185 |
| Contra Costa County, Calif. | 100,450 | 126 | 13,787 | 107 | 22,124,698 | 231,883,363 | 314,344,063 | 82,490,762 |
| Muskegon County, Mich. | 94,501 | 125 | 13,493 | 108 | 16,010,445 | 43,170,092 | 81,860,230 | 38,690,138 |
| Kane County, Ill. | 130,206 | 229 | 13,377 | 109 | 15,806,283 | 32,156,939 | 77,174,866 | 45,017,527 |
| New London County, Conn. | 125,224 | 181 | 13,267 | 110 | 14,682,175 | 31,878,515 | 61,487,875 | 29,609,360 |
| Alamance County, N. C. | 57,427 | 101 | 13,255 | 111 | 11,306,122 | 23,776,896 | 44,939,768 | 21,162,998 |
| Madison County, Ind. | 88,575 | 117 | 13,031 | 112 | 17,298,186 | 34,619,577 | 79,314,825 | 44,095,248 |
| York County, Maine | 82,550 | 97 | 13,020 | 113 | 10,810,468 | 21,332,794 | 42,256,800 | 20,924,006 |
| Albany County, N. Y. | 221,315 | 306 | 12,900 | 114 | 14,771,926 | 49,529,241 | 95,093,244 | 45,564,003 |
| Ingham County, Mich. | 130,616 | 129 | 12,768 | 115 | (⁶) | (⁶) | (⁶) | (⁶) |
| St. Clair County, Ill. | 166,889 | 223 | 12,654 | 116 | 16,181,881 | 106,948,578 | 154,365,247 | 47,416,669 |
| Pierce County, Wash. | 182,081 | 323 | 12,601 | 117 | 16,754,249 | 90,771,960 | 129,188,162 | 38,416,172 |
| Muskogee County, Ga. | 75,494 | 83 | 12,496 | 118 | 8,407,960 | 21,153,736 | 46,068,578 | 24,914,842 |
| Lackawanna County, Pa. | 301,243 | 272 | 12,429 | 119 | 10,763,297 | 25,879,057 | 51,024,760 | 25,145,733 |
| Hillsborough County, Fla. | 180,148 | 263 | 12,301 | 120 | 9,511,138 | 27,235,846 | 51,278,432 | 24,042,586 |
| Jefferson County, Tex. | 145,329 | 130 | 12,268 | 121 | 18,409,136 | 252,354,457 | 321,532,176 | 69,177,719 |
| Saginaw County, Mich. | 130,468 | 159 | 12,155 | 122 | 17,230,369 | 31,124,729 | 68,516,385 | 37,391,665 |
| Mecklenburg County, N. C. | 151,826 | 185 | 12,067 | 123 | 10,543,930 | 29,761,825 | 55,734,658 | 25,952,833 |
| Schenectady County, N. Y. | 122,494 | 107 | 11,754 | 124 | 19,528,537 | 36,989,551 | 85,297,679 | 48,008,128 |
| Rensselaer County, N. Y. | 121,834 | 166 | 11,713 | 125 | 11,862,365 | 32,285,385 | 64,808,323 | 32,522,938 |
| Montgomery County, N. Y. | 59,142 | 108 | 11,649 | 126 | 11,114,768 | 24,644,862 | 55,703,637 | 31,058,775 |
| Denver County, Colo. | 322,412 | 620 | 11,477 | 127 | 13,435,820 | 59,036,099 | 107,715,090 | 48,678,991 |
| Allegheny County, Md. | 86,973 | 72 | 11,137 | 128 | 12,763,778 | 24,969,379 | 60,969,631 | 36,052,252 |
| Douglas County, Nebr. | 247,562 | 387 | 11,144 | 129 | 13,411,159 | 154,195,995 | 195,527,664 | 41,331,759 |
| Kalamazoo County, Mich. | 100,085 | 179 | 11,025 | 130 | 14,291,271 | 46,308,342 | 92,243,661 | 45,935,319 |
| Lebanon County, Pa. | 72,641 | 157 | 10,942 | 131 | 10,079,106 | 23,482,902 | 41,273,899 | 17,790,997 |
| Bucks County, Pa. | 107,715 | 185 | 10,899 | 132 | 10,962,971 | 33,515,664 | 49,840,238 | 26,324,574 |
| Mercer County, Pa. | 101,039 | 102 | 10,785 | 133 | 15,512,265 | 53,661,078 | 86,447,549 | 32,786,471 |
| Chester County, Pa. | 135,626 | 181 | 10,651 | 134 | 11,825,984 | 33,133,976 | 59,063,219 | 25,949,263 |
| Litchfield County, Conn. | 87,041 | 115 | 10,539 | 135 | 12,045,367 | 19,507,634 | 48,529,053 | 29,021,419 |
| Delaware County, Ind. | 74,963 | 108 | 10,478 | 136 | 13,949,321 | 36,999,082 | 67,625,599 | 30,656,517 |
| Clark County, Ohio | 95,647 | 157 | 10,325 | 137 | 14,451,354 | 58,301,102 | 106,358,609 | 48,037,507 |
| Tazewell County, Ill. | 58,562 | 64 | 10,256 | 138 | 16,191,529 | 49,273,356 | 84,823,707 | 44,580,351 |
| Pittsylvania County and Danville City, Va. | 94,446 | 44 | 10,080 | 139 | (⁶) | (⁶) | (⁶) | (⁶) |
| Anderson County, S. C. | 88,712 | 51 | 9,980 | 140 | 6,486,252 | 16,948,590 | 28,689,085 | 11,740,495 |
| Norfolk County and Norfolk, Portsmouth, and South Norfolk Cities, Va. | 238,943 | 266 | 9,955 | 141 | 8,898,988 | 60,671,556 | 91,756,125 | 31,084,569 |
| Fulton County, N. Y. | 48,597 | 219 | 9,818 | 142 | 8,338,345 | 17,233,536 | 32,999,881 | 15,766,345 |
| Calhoun County, Mich. | 94,206 | 129 | 9,775 | 143 | 13,388,173 | 35,143,947 | 88,053,387 | 32,909,440 |
| Lawrence County, Pa. | 96,877 | 94 | 9,750 | 144 | 13,017,954 | 25,077,432 | 51,034,024 | 25,856,562 |
| Wyandotte County, Kans. | 145,071 | 133 | 9,594 | 145 | 12,896,585 | 143,017,714 | 176,961,244 | 33,943,530 |
| Cumberland County, N. J. | 73,184 | 138 | 9,539 | 146 | 8,632,956 | 17,188,741 | 37,910,810 | 20,722,059 |
| Richland County, Ohio | 73,853 | 109 | 9,537 | 147 | 12,114,693 | 42,157,388 | 71,840,888 | 29,692,690 |
| Racine County, Wis. | 94,047 | 206 | 9,323 | 148 | 13,469,275 | 32,070,229 | 72,498,246 | 40,428,017 |
| Campbell County and Lynchburg City, Va. | 70,589 | 83 | 9,461 | 149 | 7,634,752 | 29,694,981 | 57,018,199 | 16,323,188 |
| Jefferson County, Ohio | 98,129 | 55 | 9,417 | 150 | 14,167,136 | 66,297,176 | 92,488,553 | 26,191,377 |
| Burlington County, N. J. | 97,013 | 122 | 9,408 | 151 | 10,591,083 | 24,453,937 | 41,841,147 | 17,387,210 |
| Herkimer County, N. Y. | 59,627 | 92 | 9,363 | 152 | 9,472,370 | 14,400,793 | 33,450,901 | 19,059,108 |
| LaSalle County, Ill. | 97,801 | 124 | 9,338 | 153 | 11,414,685 | 22,938,252 | 37,685,332 | 34,747,090 |
| Windham County, Conn. | 56,223 | 87 | 9,325 | 154 | 8,230,896 | 15,777,194 | 31,632,859 | 15,835,665 |
| Santa Clara County, Calif. | 174,949 | 312 | 9,316 | 155 | 10,036,654 | 48,236,440 | 78,074,065 | 29,838,243 |

See footnotes at end of table.

CENSUS OF MANUFACTURES: 1939

TABLE 11.—SUMMARY FOR PRINCIPAL INDUSTRIAL COUNTIES, RANKED ACCORDING TO NUMBER OF WAGE EARNERS: 1939—Continued

[See note at head of table]

| COUNTY AND STATE | Population, 1940 | Number of estab- lish- ments | WAGE EARNERS (AVERAGE FOR YEAR) ¹ | | Wages ² | Cost of materials, supplies, fuel, purchased electric energy, and con- tract work ³ | Value of prod- ucts ⁴ | Value added by manufacture ⁵ |
|---|---------------------|---------------------------------------|--|------|--------------------|--|-------------------------------------|--|
| | | | Number | Rank | | | | |
| Lyconing County, Pa. | 93,633 | 153 | 9,297 | 136 | \$9,689,669 | \$27,780,255 | \$49,956,670 | \$22,170,415 |
| Cumberland County, Maine | 148,000 | 228 | 9,260 | 137 | 8,806,475 | 26,719,193 | 48,531,188 | 21,811,995 |
| Floyd County, Ga. | 58,141 | 57 | 9,090 | 138 | 7,011,595 | 13,901,943 | 28,817,581 | 14,915,638 |
| Sheboygan County, Wis. | 76,221 | 234 | 9,065 | 139 | 9,871,820 | 31,012,347 | 58,013,933 | 27,001,586 |
| Berrien County, Mich. | 89,117 | 167 | 9,052 | 140 | 10,155,999 | 26,736,565 | 51,022,532 | 24,285,907 |
| Kanawha County, W. Va. | 195,619 | 95 | 8,970 | 161 | 13,688,211 | 39,039,179 | 88,604,629 | 49,595,450 |
| Orange County, N. Y. | 148,113 | 172 | 8,843 | 162 | 8,496,167 | 18,485,300 | 38,805,611 | 20,320,411 |
| Etowah County, Ala. | 72,080 | 52 | 8,835 | 163 | 8,439,163 | 29,775,594 | 53,401,081 | 23,025,497 |
| Mobile County, Ala. | 141,674 | 158 | 8,819 | 164 | 7,058,686 | 24,771,706 | 47,179,785 | 22,408,079 |
| Catawba County, N. C. | 51,653 | 120 | 8,805 | 165 | 6,076,137 | 13,868,057 | 24,704,653 | 10,890,596 |
| Stafford County, N. H. | 43,533 | 82 | 8,754 | 166 | 7,770,657 | 17,271,537 | 32,253,622 | 14,982,085 |
| Peoria County, Ill. | 153,374 | 210 | 8,704 | 167 | 11,922,194 | 48,060,954 | 88,842,117 | 40,781,163 |
| Kennebec County, Wis. | 61,595 | 79 | 8,695 | 168 | 12,377,309 | 53,300,168 | 84,625,723 | 31,325,555 |
| Kennebec County, Maine | 77,221 | 78 | 8,627 | 169 | 8,248,343 | 20,617,619 | 38,196,825 | 17,879,206 |
| Schenck County, Pa. | 228,321 | 201 | 8,510 | 170 | 6,263,874 | 15,170,717 | 30,025,145 | 14,854,428 |
| Winnebago County, Wis. | 53,567 | 203 | 8,424 | 171 | 9,968,490 | 39,076,204 | 63,410,169 | 24,339,965 |
| Davidson County, N. C. | 53,377 | 63 | 8,385 | 172 | 5,597,661 | 13,539,297 | 23,772,059 | 10,232,702 |
| Sullivan County, Tenn. | 69,085 | 56 | 8,369 | 173 | 8,640,029 | 24,864,703 | 50,718,440 | 25,853,737 |
| Lake County, Ill. | 121,694 | 141 | 8,336 | 174 | 11,317,919 | 36,956,713 | 78,143,091 | 41,186,378 |
| Elkhart County, Ind. | 72,694 | 154 | 8,194 | 175 | 8,940,438 | 19,301,837 | 47,901,878 | 28,600,041 |
| Durham County, N. C. | 80,244 | 75 | 8,165 | 176 | (⁶) | (⁶) | (⁶) | (⁶) |
| Rock County, Wis. | 98,173 | 94 | 8,140 | 177 | 11,395,841 | 59,630,090 | 92,885,775 | 33,846,715 |
| Warwick County and Newport News City, Va. | 46,515 | 32 | 8,129 | 178 | (⁶) | (⁶) | (⁶) | (⁶) |
| Tarrant County, Tex. | 228,321 | 312 | 8,122 | 179 | 8,535,913 | 76,111,788 | 106,431,481 | 30,319,695 |
| Blackhawk County, Iowa | 76,940 | 162 | 8,086 | 180 | 10,715,352 | 64,243,756 | 104,124,437 | 39,880,079 |
| Will County, Ill. | 114,240 | 125 | 8,061 | 181 | 10,828,059 | 55,850,439 | 90,026,232 | 34,175,793 |
| Scioto County, Ohio | 68,565 | 54 | 8,059 | 182 | 9,182,798 | 20,545,773 | 37,996,387 | 17,450,614 |
| District of Columbia | 603,091 | 497 | 7,877 | 183 | 11,772,280 | 35,558,454 | 79,875,299 | 44,316,845 |
| Rockingham County, N. C. | 57,898 | 45 | 7,896 | 184 | (⁶) | (⁶) | (⁶) | (⁶) |
| Roanoke County and Roanoke City, Va. | 112,164 | 105 | 7,734 | 185 | 8,098,789 | 20,404,428 | 39,339,925 | 18,935,497 |
| Duval County, Fla. | 210,143 | 249 | 7,711 | 186 | 6,271,335 | 28,126,651 | 53,144,698 | 25,018,047 |
| Frederick County and Martinsville City, Va. | 35,561 | 43 | 7,699 | 187 | 5,450,045 | 15,703,707 | 29,944,951 | 14,241,244 |
| Butler County, N. Y. | 120,542 | 153 | 7,145 | 188 | 6,990,188 | 15,019,991 | 35,168,828 | 20,148,837 |
| LaPorte County, Ind. | 63,690 | 94 | 7,136 | 189 | 7,782,635 | 25,365,649 | 52,518,494 | 27,152,845 |
| Monmouth County, N. J. | 101,238 | 217 | 7,134 | 190 | 6,733,705 | 14,068,424 | 30,231,713 | 16,143,289 |
| Polk County, Iowa | 135,935 | 270 | 7,109 | 191 | 8,680,830 | 46,090,672 | 76,207,567 | 30,176,995 |
| Snohomish County, Wash. | 98,734 | 178 | 7,028 | 192 | 9,697,874 | 18,119,035 | 39,301,230 | 21,182,195 |
| York County, S. C. | 58,693 | 43 | 6,994 | 193 | 5,098,034 | 12,871,916 | 24,520,462 | 11,657,546 |
| Kent County, E. I. | 58,311 | 86 | 6,943 | 194 | 6,370,270 | 19,199,990 | 34,075,937 | 15,476,971 |
| Jackson County, Mich. | 61,108 | 125 | 6,938 | 195 | 2,790,094 | 28,832,491 | 54,801,416 | 25,908,925 |
| Wood County, W. Va. | 62,399 | 63 | 6,918 | 196 | 7,505,438 | 13,570,261 | 31,178,015 | 17,807,754 |
| Chatham County, Ala. | 42,146 | 21 | 6,901 | 197 | (⁶) | (⁶) | (⁶) | (⁶) |
| Rear County, Tex. | 339,179 | 356 | 6,827 | 198 | 6,023,169 | 31,904,772 | 54,452,055 | 22,547,283 |
| Somerset County, N. J. | 74,390 | 95 | 6,735 | 199 | 8,183,467 | 23,510,193 | 56,081,352 | 32,571,159 |
| Greenwood County, S. C. | 49,093 | 89 | 6,723 | 200 | 4,651,155 | 13,211,340 | 20,697,148 | 7,485,808 |
| Buncombe County, N. C. | 108,785 | 73 | 6,709 | 201 | 6,608,254 | 9,574,894 | 29,573,164 | 19,998,280 |
| Grays Harbor County, Wash. | 63,168 | 124 | 6,685 | 202 | 8,906,609 | 17,335,613 | 36,253,366 | 18,017,753 |
| Northumberland County, Pa. | 120,687 | 119 | 6,673 | 203 | 5,480,750 | 11,546,962 | 23,704,150 | 12,157,218 |
| Columbiana County, Ohio | 90,121 | 125 | 6,671 | 204 | 8,626,369 | 12,879,202 | 29,131,085 | 16,251,833 |
| Cleveland County, N. C. | 58,055 | 55 | 6,643 | 205 | 4,449,773 | 12,229,094 | 22,163,211 | 9,934,117 |
| St. Louis County, Mo. | 374,230 | 161 | 6,621 | 206 | 7,508,596 | 19,461,135 | 45,782,687 | 26,321,502 |
| Salem County, N. J. | 42,274 | 34 | 6,616 | 207 | (⁶) | (⁶) | (⁶) | (⁶) |
| Ohio County, W. Va. | 73,115 | 100 | 6,614 | 208 | 7,493,799 | 27,175,122 | 43,682,334 | 16,507,202 |
| Tulsa County, Okla. | 120,369 | 263 | 6,257 | 209 | 7,638,238 | 44,075,236 | 70,485,628 | 26,410,390 |
| Chenango County, N. Y. | 73,715 | 91 | 6,379 | 210 | 7,592,254 | 14,422,288 | 31,468,630 | 17,046,342 |
| Hampshire County, Mass. | 72,461 | 117 | 6,371 | 211 | 5,949,743 | 18,352,594 | 32,854,847 | 14,502,253 |
| Morris County, N. J. | 125,732 | 110 | 6,358 | 212 | 7,938,416 | 19,066,478 | 37,807,517 | 18,841,039 |
| Bibb County, Ga. | 85,793 | 101 | 6,248 | 213 | 8,810,593 | 17,216,838 | 28,328,262 | 11,111,424 |
| Orange County, N. Y. | 71,275 | 88 | 6,205 | 214 | 6,964,537 | 28,727,489 | 47,595,087 | 18,867,598 |
| Allen County, Ohio | 72,353 | 92 | 6,164 | 215 | 6,539,546 | 19,946,764 | 36,402,403 | 16,455,649 |
| Saratoga County, N. Y. | 65,096 | 66 | 6,134 | 216 | 6,008,625 | 20,922,678 | 35,239,748 | 14,317,070 |
| Chatham County, Ga. | 117,979 | 146 | 6,129 | 217 | 4,684,464 | 47,460,376 | 69,056,616 | 18,596,240 |
| Oklahoma County, Okla. | 244,159 | 325 | 6,107 | 218 | 6,676,706 | 45,097,999 | 68,532,988 | 25,434,989 |
| Cowlitz County, Wash. | 49,135 | 70 | 6,101 | 219 | 8,461,429 | 14,777,918 | 33,949,037 | 19,171,119 |
| Calhoun County, Ala. | 63,319 | 65 | 6,081 | 220 | 4,683,262 | 10,916,448 | 21,077,623 | 10,161,175 |
| Richmond County, N. Y. | 174,441 | 166 | 6,080 | 221 | 8,060,475 | 49,687,473 | 80,286,876 | 30,569,403 |
| Ottawa County, Mich. | 59,690 | 129 | 6,027 | 222 | 6,182,731 | 16,636,524 | 34,893,415 | 18,256,891 |
| Trapp County, Ga. | 48,879 | 38 | 6,024 | 223 | 4,382,067 | 12,232,408 | 20,568,230 | 8,335,822 |
| San Diego County, Calif. | 289,945 | 292 | 6,016 | 224 | 7,483,051 | 19,952,448 | 41,821,822 | 21,869,374 |
| Penobscot County, Maine | 67,464 | 127 | 5,999 | 225 | 6,422,171 | 23,423,605 | 41,883,725 | 18,400,120 |
| Bay County, Mich. | 74,981 | 99 | 5,946 | 226 | 7,527,478 | 20,621,973 | 36,895,304 | 16,273,331 |
| Franklin County, Pa. | 69,378 | 95 | 5,942 | 227 | 5,812,183 | 12,584,223 | 28,548,011 | 15,963,788 |
| Chesapeake County, Pa. | 74,990 | 107 | 5,941 | 228 | 4,317,399 | 10,769,162 | 21,597,820 | 10,828,698 |
| Island County, N. C. | 30,424 | 84 | 5,930 | 229 | 4,278,756 | 12,126,313 | 19,437,879 | 7,311,566 |
| Randolph County, N. C. | 44,554 | 67 | 5,902 | 230 | 4,511,511 | 9,284,533 | 16,351,314 | 7,066,781 |
| Grant County, Ind. | 55,813 | 102 | 5,896 | 231 | 6,190,654 | 19,282,731 | 30,351,995 | 17,069,264 |
| Crawford County, Pa. | 71,644 | 73 | 5,899 | 232 | 7,341,218 | 16,323,253 | 32,867,057 | 16,543,774 |
| Richmond County, Ga. | 81,963 | 79 | 5,814 | 233 | 3,797,577 | 13,521,476 | 22,878,199 | 9,356,723 |
| Bowen County, N. C. | 69,295 | 64 | 5,812 | 234 | 4,182,618 | 9,927,370 | 20,064,357 | 10,156,687 |
| Wayne County, Ind. | 56,229 | 97 | 5,809 | 235 | 6,410,114 | 16,513,409 | 33,446,540 | 16,932,131 |

See footnotes at end of table.

GENERAL SUMMARY

59

TABLE 11.—SUMMARY FOR PRINCIPAL INDUSTRIAL COUNTIES, RANKED ACCORDING TO NUMBER OF WAGE EARNERS: 1939—Continued

[See note at head of table]

| COUNTY AND STATE | Population, 1940 | Number of estab- lish- ments | WAGE EARNERS (AVERAGE FOR YEAR) ¹ | | Wages ² | Cost of materials, supplies, fuel, purchased electric energy, and con- tract work ³ | Value of prod- ucts ⁴ | Value added by manufacture ⁵ |
|---|---------------------|---------------------------------------|--|------|--------------------|--|-------------------------------------|--|
| | | | Number | Rank | | | | |
| Middlesex County, Conn. | 55,999 | 99 | 5,797 | 236 | \$5,847,167 | \$9,114,781 | \$21,467,992 | \$12,353,211 |
| Howard County, Ind. | 47,752 | 55 | 5,799 | 237 | 7,608,163 | 18,901,710 | 35,625,027 | 16,723,517 |
| Cabell County, W. Va. | 97,459 | 100 | 5,748 | 238 | 6,634,696 | 18,625,807 | 39,414,962 | 21,389,385 |
| Buchanan County, Mo. | 94,067 | 114 | 5,735 | 239 | 6,199,486 | 52,146,359 | 72,242,595 | 20,036,245 |
| Muskingum County, Ohio. | 69,795 | 73 | 5,727 | 240 | 7,196,722 | 13,189,899 | 28,492,563 | 15,392,664 |
| Burke County, N. C. | 38,615 | 49 | 5,688 | 241 | 4,417,392 | 9,034,759 | 17,884,217 | 8,849,458 |
| Cayuga County, N. Y. | 65,508 | 75 | 5,596 | 242 | 5,934,900 | 17,253,821 | 32,733,505 | 15,479,684 |
| Mifflin County, Pa. | 42,993 | 38 | 5,591 | 243 | 6,586,434 | 7,163,937 | 19,614,926 | 12,450,989 |
| Carbon County, Pa. | 61,735 | 59 | 5,590 | 244 | (⁶) | (⁶) | (⁶) | (⁶) |
| Tuscarawas County, Ohio. | 68,816 | 107 | 5,558 | 245 | 6,501,945 | 10,838,103 | 24,552,523 | 13,714,430 |
| Warren County, N. J. | 50,181 | 70 | 5,512 | 246 | 6,264,520 | 12,655,457 | 31,560,462 | 19,595,005 |
| Spokane County, Wash. | 164,652 | 259 | 5,482 | 247 | 6,784,913 | 29,590,338 | 48,821,066 | 19,239,728 |
| Columbia County, Pa. | 51,413 | 77 | 5,455 | 248 | 4,643,624 | 12,221,581 | 21,396,801 | 9,145,230 |
| Salt Lake County, Utah. | 211,623 | 261 | 5,453 | 249 | 6,282,745 | 79,490,881 | 103,165,133 | 23,674,252 |
| Charleston County, S. C. | 121,105 | 92 | 5,383 | 250 | 3,581,719 | 16,594,471 | 27,098,293 | 10,503,822 |
| Macon County, Ill. | 84,693 | 101 | 5,380 | 251 | 5,915,708 | 26,571,523 | 47,249,567 | 20,678,044 |
| Steuben County, N. Y. | 84,927 | 94 | 5,346 | 252 | 6,617,411 | 19,685,355 | 30,081,615 | 19,396,260 |
| Tallapoosa County, Ala. | 35,270 | 40 | 5,336 | 253 | 3,355,379 | 7,486,966 | 12,720,928 | 5,233,962 |
| St. Clair County, Mich. | 76,222 | 72 | 5,324 | 254 | 6,898,263 | 19,094,981 | 39,118,008 | 20,113,027 |
| Whitfield County, Ga. | 26,105 | 45 | 5,281 | 255 | 3,120,761 | 6,921,349 | 13,776,751 | 6,855,402 |
| Manitowoc County, Wis. | 61,617 | 186 | 5,268 | 256 | 6,276,361 | 24,800,383 | 45,439,172 | 20,638,789 |
| Outagamie County, Wis. | 70,032 | 170 | 5,261 | 257 | 6,348,779 | 21,943,109 | 38,860,985 | 16,916,976 |
| Linn County, Iowa. | 89,142 | 147 | 5,246 | 258 | 6,763,237 | 51,518,473 | 80,314,261 | 28,795,788 |
| Washington County, Md. | 68,838 | 95 | 5,227 | 259 | 4,540,018 | 11,598,596 | 23,944,560 | 12,375,914 |
| Spalding County, Ga. | 28,427 | 38 | 5,224 | 260 | 3,524,583 | 5,639,598 | 12,321,732 | 6,682,134 |
| Oxford County, Maine. | 42,662 | 84 | 5,193 | 261 | 4,962,561 | 16,215,826 | 25,452,534 | 9,236,908 |
| Augusta County and Staunton City, Va. | 56,109 | 69 | 5,183 | 262 | 4,863,153 | 12,431,360 | 27,381,629 | 14,959,290 |
| Laurens County, S. C. | 44,185 | 21 | 5,182 | 263 | 3,817,899 | 9,388,374 | 16,095,021 | 6,706,647 |
| Fairfield County, Ohio. | 48,490 | 48 | 5,139 | 264 | 4,913,488 | 8,826,657 | 19,698,452 | 10,771,795 |
| Rutherford County, N. C. | 45,577 | 33 | 5,115 | 265 | 3,332,800 | 9,066,419 | 15,826,569 | 6,700,180 |
| Blair County, Pa. | 140,358 | 105 | 5,105 | 266 | (⁶) | (⁶) | (⁶) | (⁶) |
| Klamath County, Oreg. | 40,497 | 73 | 5,101 | 267 | 7,723,386 | 9,688,703 | 24,199,279 | 14,510,576 |
| Caldwell County, N. C. | 35,795 | 53 | 5,082 | 268 | 3,701,178 | 9,245,577 | 16,919,615 | 7,673,438 |
| Sedgwick County, Kans. | 143,311 | 193 | 5,074 | 269 | 5,731,104 | 39,329,297 | 56,993,655 | 17,663,758 |
| Ulster County, N. Y. | 87,017 | 142 | 5,051 | 270 | 4,252,783 | 9,378,355 | 18,831,169 | 9,452,814 |
| Sacramento County, Calif. | 170,333 | 227 | 5,044 | 271 | 6,166,655 | 29,347,291 | 48,185,404 | 18,838,203 |
| Brown County, Wis. | 83,109 | 178 | 5,037 | 272 | 5,992,176 | 40,604,437 | 58,809,307 | 18,204,870 |
| Pueblo County, Colo. | 68,870 | 72 | 5,019 | 273 | 7,171,543 | 25,481,728 | 41,212,184 | 15,730,456 |
| Vigo County, Ind. | 99,709 | 121 | 4,996 | 274 | 5,608,024 | 30,262,044 | 48,076,322 | 17,774,278 |
| Fresno County, Calif. | 178,565 | 259 | 4,933 | 275 | 5,298,891 | 32,656,364 | 51,597,293 | 18,880,929 |
| Rockingham County, N. H. | 58,142 | 91 | 4,932 | 276 | 4,194,388 | 8,608,086 | 16,596,435 | 7,978,349 |
| Butler County, Pa. | 87,590 | 83 | 4,855 | 277 | 7,085,342 | 28,744,309 | 44,121,775 | 15,377,466 |
| Washtenaw County, Mich. | 80,810 | 118 | 4,852 | 278 | 6,493,531 | 15,567,545 | 31,613,295 | 16,105,750 |
| Upson County, Ga. | 25,064 | 20 | 4,850 | 279 | (⁶) | (⁶) | (⁶) | (⁶) |
| Talladega County, Ala. | 51,832 | 48 | 4,849 | 280 | 3,094,539 | 8,327,611 | 13,364,285 | 5,036,674 |
| Stanly County, N. C. | 32,834 | 36 | 4,835 | 281 | 3,825,895 | 9,032,414 | 20,737,953 | 11,705,539 |
| Alken County, S. C. | 49,916 | 25 | 4,831 | 282 | (⁶) | (⁶) | (⁶) | (⁶) |
| Burry County, N. C. | 41,783 | 33 | 4,824 | 283 | 3,531,284 | 8,811,211 | 14,948,508 | 6,137,297 |
| St. Lawrence County, N. Y. | 91,098 | 97 | 4,739 | 284 | 6,394,855 | 47,896,226 | 70,835,484 | 22,949,258 |
| Marathon County, Wis. | 75,915 | 190 | 4,738 | 285 | 5,290,174 | 29,545,612 | 33,489,122 | 12,943,510 |
| Lane County, Oreg. | 69,096 | 169 | 4,717 | 286 | 4,919,072 | 6,795,197 | 15,901,792 | 9,106,595 |
| Kankakee County, Ill. | 60,877 | 62 | 4,707 | 287 | 5,358,010 | 14,804,351 | 26,636,605 | 11,832,254 |
| Dawidde County and Petersburg City, Va. | 48,797 | 53 | 4,683 | 288 | (⁶) | (⁶) | (⁶) | (⁶) |
| Bristol County, R. I. | 25,548 | 41 | 4,671 | 289 | 4,184,587 | 15,830,710 | 24,067,312 | 8,236,602 |
| Gloucester County, N. J. | 72,219 | 73 | 4,668 | 290 | 6,159,646 | 30,821,119 | 56,250,629 | 26,429,510 |
| Washington County, R. I. | 32,493 | 50 | 4,646 | 291 | 4,384,019 | 9,166,763 | 17,051,477 | 7,884,714 |
| Rockland County, N. Y. | 74,261 | 72 | 4,632 | 292 | 4,939,808 | 12,094,889 | 31,940,590 | 18,945,701 |
| Scott County, Iowa. | 84,748 | 130 | 4,616 | 293 | 5,252,598 | 18,318,479 | 34,853,913 | 16,535,434 |
| Miami County, Ohio. | 52,632 | 90 | 4,594 | 294 | 5,025,501 | 18,971,211 | 36,537,206 | 17,565,995 |
| St. Louis County, Minn. | 206,917 | 223 | 4,580 | 295 | 6,156,273 | 22,804,358 | 40,905,160 | 18,100,802 |
| Merrimack County, N. H. | 60,710 | 89 | 4,578 | 296 | 4,432,523 | 9,603,628 | 17,688,625 | 8,084,997 |
| Pulaski County, Ark. | 156,085 | 142 | 4,576 | 297 | 3,385,853 | 18,639,528 | 28,763,767 | 10,124,299 |
| Hallfax County, N. C. | 56,512 | 33 | 4,568 | 298 | 3,488,734 | 6,401,604 | 12,838,357 | 6,436,753 |
| Dubuque County, Iowa. | 63,768 | 92 | 4,537 | 299 | 4,724,466 | 15,229,130 | 26,175,572 | 10,955,442 |
| Woodbury County, Iowa. | 103,627 | 129 | 4,533 | 300 | 5,727,954 | 64,617,461 | 81,079,868 | 16,462,467 |
| Macomb County, Mich. | 107,638 | 62 | 4,512 | 301 | 6,764,391 | 45,117,473 | 65,662,812 | 20,545,339 |
| Jefferson Parish, La. | 50,427 | 55 | 4,512 | 302 | 3,087,011 | 29,607,509 | 43,296,594 | 16,089,075 |
| Bangamon County, Ill. | 117,912 | 115 | 4,498 | 303 | 5,765,539 | 23,983,293 | 41,722,615 | 18,359,315 |
| Dakota County, Minn. | 39,660 | 26 | 4,493 | 304 | 6,498,068 | 80,810,878 | 94,870,331 | 14,039,458 |
| Marshall County, W. Va. | 40,189 | 33 | 4,459 | 305 | (⁶) | (⁶) | (⁶) | (⁶) |
| Nassau County, N. Y. | 496,748 | 284 | 4,402 | 306 | 5,677,978 | 8,595,752 | 22,170,398 | 13,574,646 |
| San Joaquin County, Calif. | 134,207 | 267 | 4,350 | 307 | 5,248,196 | 28,372,400 | 46,692,201 | 18,318,801 |
| Humboldt County, Calif. | 45,612 | 91 | 4,340 | 308 | 5,378,963 | 6,618,201 | 18,010,195 | 11,391,994 |
| Franklin County, Mass. | 49,453 | 53 | 4,328 | 309 | 4,756,337 | 8,064,702 | 20,600,447 | 11,935,745 |
| Carthage County, N. Y. | 72,652 | 112 | 4,256 | 310 | 4,779,382 | 19,175,751 | 33,218,052 | 14,042,391 |
| Henry County, Ind. | 40,208 | 42 | 4,247 | 311 | 5,334,962 | 19,009,951 | 38,679,111 | 8,679,111 |
| Monroe County, Mich. | 58,620 | 50 | 4,244 | 312 | 5,214,778 | 12,191,178 | 25,865,271 | 13,614,093 |
| Cortland County, N. Y. | 33,668 | 61 | 4,234 | 313 | 4,223,254 | 12,009,274 | 20,907,121 | 8,897,847 |
| Blount County, Tenn. | 41,116 | 26 | 4,223 | 314 | (⁶) | (⁶) | (⁶) | (⁶) |
| Adams County, Pa. | 39,435 | 70 | 4,192 | 315 | 3,008,382 | 8,003,496 | 14,977,646 | 6,974,180 |

See footnotes at end of table.

CENSUS OF MANUFACTURES: 1939

TABLE 11.—SUMMARY FOR PRINCIPAL INDUSTRIAL COUNTIES, RANKED ACCORDING TO NUMBER OF WAGE EARNERS: 1939—Continued

[See note at head of table]

| COUNTY AND STATE | Population, 1939 | Num- ber of estab- lish- ments | WAGE EARNERS (AVERAGE FOR YEAR) ¹ | | Wages ² | Cost of materials, supplies, fuel, purchased electric energy, and con- tract work ³ | Value of prod- ucts ⁴ | Value added by manufacture ⁵ |
|------------------------------|---------------------|---|--|------|--------------------|--|-------------------------------------|--|
| | | | Number | Rank | | | | |
| Cheshire County, N. H. | 34,953 | 81 | 4,119 | 316 | \$4,664,438 | \$7,667,600 | \$16,796,473 | \$9,128,873 |
| Richmond County, S. C. | 104,943 | 92 | 4,100 | 317 | 2,889,936 | 8,402,169 | 15,634,278 | 7,232,109 |
| Lancaster County, S. C. | 33,542 | 19 | 4,092 | 318 | 2,640,550 | 6,322,960 | 10,999,966 | 4,677,006 |
| Harrison County, W. Va. | 82,911 | 51 | 4,084 | 319 | 5,253,077 | 7,850,727 | 18,925,172 | 11,074,445 |
| Dane County, Wis. | 120,660 | 209 | 4,082 | 320 | 5,475,773 | 28,137,197 | 47,077,565 | 18,940,368 |
| Jasper County, Mo. | 78,705 | 120 | 4,068 | 321 | 3,437,001 | 14,973,806 | 24,534,398 | 9,560,502 |
| Armstrong County, Pa. | 81,087 | 52 | 4,062 | 322 | 4,841,871 | 9,482,865 | 24,505,787 | 15,022,922 |
| La Crosse County, Wis. | 39,638 | 97 | 4,040 | 323 | 4,525,447 | 11,674,115 | 24,883,730 | 13,209,615 |
| Polk County, Tenn. | 25,127 | 12 | 4,036 | 324 | 4,981,925 | 5,560,932 | 19,241,951 | 13,081,019 |
| Richmond County, N. C. | 26,810 | 31 | 4,030 | 325 | 2,455,977 | 5,474,490 | 9,621,673 | 4,147,183 |
| Lake County, Ohio | 30,920 | 51 | 4,020 | 326 | 5,446,729 | 13,921,964 | 31,383,208 | 17,461,334 |
| Winchester County, Va. | 37,852 | 67 | 3,949 | 327 | 4,555,632 | 7,223,381 | 21,303,891 | 14,143,510 |
| Tolland County, Conn. | 31,956 | 55 | 3,936 | 328 | 4,051,512 | 10,303,171 | 17,246,675 | 6,943,794 |
| Polk County, Ga. | 28,467 | 22 | 3,932 | 329 | 2,949,253 | 8,388,032 | 13,734,464 | 5,346,432 |
| Walker County, Ga. | 31,624 | 22 | 3,878 | 330 | 2,959,878 | 6,584,259 | 12,407,661 | 5,823,402 |
| Payette County, Pa. | 290,999 | 118 | 3,864 | 331 | 4,348,249 | 8,950,297 | 18,736,922 | 9,786,625 |
| Chittenden County, Vt. | 32,088 | 74 | 3,844 | 332 | 3,251,948 | 8,824,500 | 16,175,564 | 7,351,064 |
| Jones County, Miss. | 49,927 | 41 | 3,827 | 333 | 2,782,803 | 5,250,159 | 9,752,016 | 4,501,857 |
| Campbell County, Ky. | 71,818 | 37 | 3,822 | 334 | 4,604,267 | 8,390,903 | 17,316,812 | 8,925,909 |
| Marion County, Ind. | 73,246 | 127 | 3,808 | 335 | 3,685,765 | 13,834,751 | 22,951,037 | 9,116,286 |
| McKean County, Pa. | 56,673 | 95 | 3,805 | 336 | 4,047,756 | 18,071,134 | 30,551,806 | 12,480,672 |
| Jefferson County, N. Y. | 64,093 | 116 | 3,784 | 337 | 4,482,109 | 16,494,290 | 28,764,472 | 12,270,182 |
| Whitehorse County, Ill. | 43,328 | 55 | 3,773 | 338 | 4,573,441 | 11,045,942 | 22,440,291 | 11,394,349 |
| Polk County, Fla. | 66,685 | 92 | 3,759 | 339 | 2,128,841 | 9,112,532 | 15,099,725 | 5,987,193 |
| Somerset County, Maine | 28,245 | 36 | 3,708 | 340 | 3,094,438 | 8,099,371 | 14,474,978 | 6,375,607 |
| Seneca County, Ohio | 48,499 | 74 | 3,700 | 341 | 4,335,522 | 10,745,125 | 23,289,225 | 12,544,100 |
| Union County, S. C. | 31,360 | 21 | 3,670 | 342 | 2,469,862 | 5,418,544 | 8,923,180 | 3,604,636 |
| Fou du Lac County, Wis. | 62,333 | 137 | 3,659 | 343 | 3,546,990 | 13,865,707 | 23,679,636 | 9,813,929 |
| Vernon County, Pa. | 61,958 | 68 | 3,648 | 344 | 4,146,475 | 25,326,008 | 36,616,249 | 11,290,241 |
| Cheslerfield County, Va. | 31,183 | 36 | 3,636 | 345 | (5) | (5) | (5) | (5) |
| Clark County, Wash. | 49,852 | 66 | 3,629 | 346 | 4,570,025 | 16,873,477 | 29,430,719 | 12,557,242 |
| Wood County, Wis. | 34,465 | 55 | 3,613 | 347 | 4,271,751 | 21,813,023 | 33,369,963 | 11,556,940 |
| Boyd County, Ky. | 45,938 | 31 | 3,597 | 348 | 6,058,548 | 26,732,182 | 39,198,341 | 12,460,169 |
| Brooke County, W. Va. | 25,313 | 26 | 3,593 | 349 | (5) | (5) | (5) | (5) |
| Chesler County, S. C. | 32,579 | 16 | 3,588 | 350 | 2,463,160 | 5,628,713 | 9,523,520 | 3,894,807 |
| Adams County, Ill. | 61,229 | 106 | 3,580 | 351 | 3,375,183 | 8,415,096 | 19,999,709 | 11,584,613 |
| Chatham County, Ga. | 19,532 | 16 | 3,564 | 352 | 2,356,265 | 5,329,518 | 9,137,815 | 3,698,295 |
| East Chair County, Wis. | 46,999 | 68 | 3,563 | 353 | 4,804,311 | 23,731,772 | 35,959,853 | 12,228,081 |
| Dade County, Fla. | 267,739 | 321 | 3,545 | 354 | 3,631,492 | 9,469,530 | 22,995,202 | 13,525,672 |
| Oneida County, N. Y. | 44,481 | 55 | 3,524 | 355 | 3,726,255 | 12,023,896 | 24,030,724 | 12,006,628 |
| East Baton Rouge Parish, La. | 88,415 | 51 | 3,519 | 356 | 5,215,587 | 71,469,431 | 101,979,325 | 30,509,894 |
| San Mateo County, Calif. | 111,782 | 111 | 3,488 | 357 | 5,866,242 | 32,454,538 | 47,845,251 | 15,300,713 |
| Sebastian County, Ark. | 62,909 | 81 | 3,477 | 358 | 3,049,259 | 9,968,977 | 18,114,183 | 8,145,206 |
| Eric County, Ohio | 43,291 | 87 | 3,462 | 359 | 3,789,028 | 12,588,077 | 23,596,971 | 11,008,894 |
| Cosco County, Ore. | 32,656 | 88 | 3,460 | 360 | 4,453,644 | 7,574,840 | 16,528,018 | 8,953,178 |
| Wicomico County, Md. | 34,339 | 72 | 3,437 | 361 | 2,061,960 | 6,268,482 | 11,216,140 | 4,647,658 |
| Sagadahoc County, Maine | 19,129 | 27 | 3,431 | 362 | 4,471,496 | 14,107,377 | 21,258,527 | 7,151,150 |
| Vermilion County, Ill. | 86,791 | 86 | 3,431 | 363 | 3,535,693 | 11,649,154 | 21,408,885 | 9,750,731 |
| Licking County, Ohio | 62,279 | 67 | 3,428 | 364 | 4,690,141 | 18,294,846 | 29,563,990 | 11,269,144 |
| Berkeley County, W. Va. | 28,016 | 28 | 3,423 | 365 | 2,746,427 | 5,480,587 | 11,866,417 | 6,385,830 |
| Atlantic County, N. J. | 124,666 | 146 | 3,417 | 366 | 2,926,060 | 6,160,787 | 13,763,090 | 7,602,303 |
| Cherokee County, S. C. | 33,260 | 30 | 3,391 | 367 | 2,088,987 | 4,123,690 | 8,098,997 | 3,975,307 |
| Covington County, Ala. | 42,417 | 43 | 3,389 | 368 | 1,775,686 | 4,954,231 | 8,026,041 | 3,071,810 |
| Elk County, Pa. | 34,463 | 44 | 3,374 | 369 | 3,953,306 | 14,542,998 | 24,374,529 | 9,831,531 |
| Sandusky County, Ohio | 41,614 | 78 | 3,362 | 370 | 3,896,227 | 9,535,778 | 19,827,653 | 10,291,875 |
| Montgomery County, Ala. | 114,429 | 114 | 3,360 | 371 | 2,208,415 | 13,763,828 | 21,047,635 | 7,283,807 |
| Dodge County, Wis. | 54,280 | 207 | 3,347 | 372 | 5,054,835 | 12,311,071 | 21,518,049 | 9,206,978 |
| Barnes County, Del. | 52,562 | 129 | 3,333 | 373 | 1,974,948 | 5,677,747 | 10,455,302 | 4,777,555 |
| Ontario County, N. Y. | 25,367 | 76 | 3,326 | 374 | 3,669,854 | 9,061,623 | 17,787,271 | 8,705,649 |
| Belmont County, Ohio | 95,614 | 59 | 3,319 | 375 | 3,998,576 | 12,700,575 | 19,144,694 | 6,444,116 |
| Cometa County, Ga. | 26,972 | 27 | 3,297 | 376 | 2,038,400 | 5,497,821 | 9,712,985 | 4,215,164 |
| Jefferson County, Mo. | 32,023 | 22 | 3,294 | 377 | (5) | (5) | (5) | (5) |
| Clinton County, Pa. | 34,557 | 41 | 3,273 | 378 | 3,136,714 | 14,340,720 | 21,664,602 | 7,323,882 |
| Washington County, Wis. | 62,744 | 100 | 3,267 | 379 | 3,963,230 | 12,589,047 | 24,846,896 | 12,257,849 |
| St. Joseph County, Mich. | 31,749 | 56 | 3,262 | 380 | 3,664,139 | 12,617,488 | 23,279,328 | 10,601,840 |
| Chisago County, Ore. | 24,697 | 78 | 3,259 | 381 | 4,697,895 | 12,809,803 | 21,091,302 | 9,181,589 |
| Portage County, Ohio | 46,660 | 60 | 3,247 | 382 | 4,117,575 | 19,052,019 | 29,879,643 | 10,827,624 |
| Caddo Parish, La. | 190,293 | 130 | 3,197 | 383 | 3,324,719 | 21,127,876 | 32,851,327 | 11,723,451 |
| Suffolk County, N. Y. | 197,355 | 163 | 3,156 | 384 | 3,319,691 | 6,445,165 | 14,243,174 | 7,798,009 |
| Lemay County, Mich. | 53,119 | 89 | 3,149 | 385 | 3,389,392 | 12,232,340 | 22,962,266 | 10,729,926 |
| Galveston County, Tex. | 61,178 | 74 | 3,131 | 386 | 4,328,273 | 65,589,569 | 79,285,884 | 13,090,315 |
| Marion County, Mo. | 31,576 | 36 | 3,124 | 387 | (5) | (5) | (5) | (5) |
| Blower County, Minn. | 36,113 | 36 | 3,116 | 388 | (5) | (5) | (5) | (5) |
| Newberry County, S. C. | 23,577 | 29 | 3,111 | 389 | 2,166,304 | 4,197,271 | 8,443,386 | 4,246,115 |
| Tumacacora County, Ala. | 76,636 | 57 | 3,104 | 390 | 2,411,569 | 9,208,388 | 14,401,290 | 5,252,902 |
| Columbia County, N. Y. | 61,494 | 58 | 3,099 | 391 | 3,155,095 | 7,191,139 | 14,917,113 | 7,725,974 |
| Wayne County, N. Y. | 82,747 | 73 | 3,093 | 392 | 2,570,291 | 9,297,625 | 16,152,558 | 6,854,933 |
| El Paso County, Tex. | 121,067 | 132 | 3,081 | 393 | 2,671,294 | 58,262,010 | 65,783,148 | 7,521,138 |
| Hill County, Ga. | 34,822 | 27 | 3,080 | 394 | 2,161,856 | 4,417,345 | 8,732,914 | 4,315,599 |
| Jefferson County, Wis. | 26,838 | 100 | 3,073 | 395 | 3,197,297 | 14,133,943 | 24,258,041 | 10,124,098 |

See footnotes at end of table.

GENERAL SUMMARY

61

TABLE 11.—SUMMARY FOR PRINCIPAL INDUSTRIAL COUNTIES, RANKED ACCORDING TO NUMBER OF WAGE EARNERS: 1939—Continued

[See note at head of table]

| COUNTY AND STATE | Population, 1940 | Number of estab- lish- ments | WAGE EARNERS (AVERAGE FOR YEAR) ¹ | | Wages ² | Cost of materials, supplies, fuel, purchased electric energy, and con- tract work ³ | Value of prod- ucts ⁴ | Value added by manufacture ⁵ |
|--|---------------------|---------------------------------------|--|------|--------------------|--|-------------------------------------|--|
| | | | Number | Rank | | | | |
| Carroll County, Md. | 39,054 | 80 | 3,068 | 396 | \$2,160,330 | \$6,608,549 | \$11,362,369 | \$4,663,820 |
| Siskiyou County, Calif. | 28,598 | 41 | 3,022 | 397 | 4,345,159 | 4,016,179 | 11,949,325 | 7,933,146 |
| Darlington County, S. C. | 45,198 | 34 | 2,999 | 398 | 2,152,123 | 5,490,618 | 11,333,025 | 5,872,407 |
| Wapello County, Iowa | 44,280 | 43 | 2,983 | 399 | (⁶) | (⁶) | (⁶) | (⁶) |
| Bradley County, Tenn. | 28,498 | 38 | 2,971 | 400 | 2,186,341 | 5,265,061 | 10,051,881 | 4,766,820 |
| Clearfield County, Pa. | 92,094 | 71 | 2,963 | 401 | 2,910,096 | 6,521,642 | 12,991,428 | 6,469,786 |
| Madison County, Ala. | 66,317 | 50 | 2,959 | 402 | 1,902,194 | 4,672,518 | 7,642,455 | 2,969,937 |
| San Bernardino County, Calif. | 161,108 | 122 | 2,951 | 404 | 4,261,308 | 10,164,282 | 25,562,389 | 15,398,107 |
| Marion County, Ohio | 44,898 | 52 | 2,951 | 405 | 3,596,837 | 8,689,808 | 18,248,451 | 9,558,643 |
| Franklin County, Mo. | 33,868 | 42 | 2,937 | 406 | 2,409,021 | 8,205,451 | 14,441,824 | 6,236,373 |
| Pickens County, S. C. | 37,111 | 21 | 2,935 | 407 | 1,902,891 | 3,649,224 | 6,732,515 | 3,083,291 |
| Sullivan County, N. H. | 25,442 | 30 | 2,934 | 408 | 2,814,230 | 5,659,847 | 11,390,600 | 5,700,753 |
| Washington County, N. Y. | 46,726 | 47 | 2,930 | 409 | 2,848,564 | 8,684,926 | 13,992,805 | 5,307,879 |
| Coos County, N. H. | 39,274 | 39 | 2,894 | 410 | (⁶) | (⁶) | (⁶) | (⁶) |
| Allegheny County and Clifton Forge City, Va. | 29,149 | 28 | 2,891 | 411 | (⁶) | (⁶) | (⁶) | (⁶) |
| Wood County, Ohio | 51,796 | 53 | 2,881 | 412 | 3,339,744 | 10,763,001 | 25,970,130 | 15,207,129 |
| McLennan County, Tex. | 101,898 | 112 | 2,876 | 413 | 2,128,144 | 8,432,790 | 15,466,253 | 7,013,463 |
| Hinds County, Miss. | 107,273 | 113 | 2,860 | 414 | 1,895,238 | 11,896,890 | 20,658,367 | 8,171,477 |
| Stephenson County, Ill. | 40,646 | 91 | 2,856 | 415 | 3,275,837 | 20,107,418 | 30,963,896 | 10,756,448 |
| Warren County, N. Y. | 36,035 | 48 | 2,848 | 416 | 2,780,130 | 8,964,257 | 17,653,851 | 8,689,594 |
| Daviess County, Ky. | 52,335 | 58 | 2,837 | 417 | 2,968,059 | 4,718,427 | 11,270,034 | 6,533,607 |
| Ashland County, Ohio | 29,785 | 46 | 2,821 | 418 | 3,165,666 | 7,573,847 | 14,944,445 | 7,370,598 |
| Ross County, Ohio | 52,147 | 27 | 2,826 | 419 | 3,080,369 | 10,533,590 | 19,422,694 | 8,889,104 |
| Crawford County, Ohio | 35,571 | 69 | 2,754 | 420 | 3,058,195 | 9,996,862 | 19,271,867 | 9,275,005 |
| Dorchester County, Md. | 28,006 | 66 | 2,753 | 421 | 1,523,132 | 9,076,516 | 13,777,932 | 4,701,416 |
| Henry County, Ill. | 43,798 | 37 | 2,751 | 422 | 2,828,553 | 5,164,508 | 12,446,822 | 7,282,314 |
| Grafton County, N. H. | 44,645 | 69 | 2,735 | 423 | 2,405,925 | 6,937,879 | 11,938,736 | 5,000,857 |
| Clay County, Mo. | 30,417 | 63 | 2,734 | 424 | 3,386,490 | 25,886,070 | 38,414,563 | 12,528,493 |
| Stanislaus County, Calif. | 74,866 | 105 | 2,715 | 425 | 2,562,058 | 18,007,168 | 25,851,109 | 7,843,941 |
| Franklin County, Maine | 19,896 | 43 | 2,698 | 426 | 2,378,097 | 6,063,484 | 10,748,999 | 4,685,515 |
| Warren County, Pa. | 42,789 | 58 | 2,684 | 427 | 3,321,406 | 13,413,965 | 22,345,940 | 8,931,975 |
| Lauderdale County, Miss. | 58,247 | 57 | 2,684 | 428 | 1,556,895 | 5,798,631 | 9,722,253 | 3,923,622 |
| Spotsylvania County and Fredericksburg City, Va. | 19,971 | 27 | 2,666 | 429 | 2,345,832 | 6,569,711 | 13,317,621 | 6,747,910 |
| Harrison County, Miss. | 50,799 | 55 | 2,660 | 430 | 1,016,195 | 4,155,373 | 7,460,211 | 3,304,838 |
| McHenry County, Ill. | 37,311 | 40 | 2,622 | 431 | 2,754,801 | 4,469,983 | 11,142,994 | 6,673,011 |
| Columbia County, Ore. | 20,971 | 45 | 2,607 | 432 | 3,626,538 | 7,318,259 | 14,731,413 | 7,413,154 |
| New Hanover County, N. C. | 47,935 | 61 | 2,606 | 433 | 1,775,191 | 8,488,983 | 17,609,593 | 9,120,610 |
| Frederick County, Md. | 57,812 | 68 | 2,578 | 434 | 1,908,164 | 5,732,055 | 11,284,781 | 5,552,726 |
| Jay County, Ind. | 22,601 | 30 | 2,576 | 435 | 2,791,630 | 5,461,888 | 10,955,483 | 5,493,595 |
| Whatcom County, Wash. | 60,355 | 111 | 2,571 | 436 | 3,200,278 | 8,739,436 | 15,956,705 | 7,217,269 |
| Hancock County, Ohio | 40,793 | 48 | 2,568 | 437 | 2,946,923 | 13,609,282 | 20,959,517 | 7,390,235 |
| Floyd County, Ind. | 35,061 | 58 | 2,556 | 438 | 2,113,474 | 6,388,139 | 11,229,915 | 4,841,776 |
| Thurston County, Wash. | 37,285 | 52 | 2,553 | 439 | 3,495,259 | 7,284,813 | 15,457,569 | 8,152,606 |
| Minnehaha County, S. D. | 57,697 | 70 | 2,549 | 440 | 3,188,150 | 34,426,377 | 44,250,056 | 9,823,679 |
| Lassen County, Calif. | 14,479 | 18 | 2,543 | 441 | 3,575,230 | 2,470,348 | 7,497,528 | 5,027,180 |
| Wayne County, Ohio | 50,520 | 72 | 2,535 | 442 | 2,945,354 | 10,927,136 | 18,313,077 | 7,385,901 |
| Loudon County, Tenn. | 19,838 | 23 | 2,528 | 443 | 1,636,169 | 3,743,108 | 6,305,376 | 2,562,208 |
| Newton County, Ga. | 18,576 | 15 | 2,525 | 444 | (⁶) | (⁶) | (⁶) | (⁶) |
| Hunterdon County, N. J. | 36,766 | 40 | 2,519 | 445 | 3,157,855 | 6,700,210 | 13,951,946 | 7,251,736 |
| Washington County, Maine | 37,767 | 74 | 2,518 | 446 | 1,487,450 | 6,629,149 | 11,047,650 | 4,421,501 |
| Knox County, Ill. | 52,250 | 50 | 2,516 | 447 | 2,334,203 | 10,091,160 | 17,041,760 | 7,000,600 |
| Ouachita Parish, La. | 59,168 | 67 | 2,515 | 448 | 2,396,527 | 11,741,508 | 18,450,627 | 6,679,629 |
| Skagit County, Wash. | 37,630 | 95 | 2,513 | 449 | 2,760,389 | 10,276,688 | 17,508,612 | 7,641,924 |
| Rutland County, Vt. | 45,638 | 103 | 2,513 | 450 | 2,474,054 | 3,086,110 | 8,604,043 | 4,917,933 |
| McCracken County, Ky. | 48,534 | 45 | 2,501 | 451 | 1,992,767 | 4,623,562 | 9,994,020 | 5,370,458 |

* The independent cities of Baltimore, Md., and St. Louis, Mo., are treated as counties.

¹ 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.

² 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.

³ 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.

⁴ Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work.

⁵ Figures withheld to avoid disclosing exact or approximate data for individual establishments; included in United States total and in "Total for counties listed."

CENSUS OF MANUFACTURES: 1939

TABLE 12.—GENERAL STATISTICS FOR SELECTED COUNTIES: 1939

[This table presents statistics for all counties in which 10,000 or more wage earners were employed by manufacturing establishments in 1939, and for the most important industrial county in each State having no county with 10,000 factory wage earners]

| STATE AND COUNTY | Number of establishments | Salaries of officers and employees | Wage earners (average for year) | Salaries ¹ | Wages ² | Cost of materials, fuel, purchased electric energy, and contract work ³ | Value of products ⁴ | Value added by manufacture ⁵ |
|------------------------------------|--------------------------|------------------------------------|---------------------------------|-----------------------|--------------------|--|--------------------------------|---|
| United States, total | 184,200 | 1,048,697 | 7,886,567 | \$2,540,357,370 | \$3,089,940,916 | \$32,160,106,681 | \$56,843,024,800 | \$24,682,918,119 |
| SELECTED COUNTIES | | | | | | | | |
| Alabama: | | | | | | | | |
| Jefferson | 363 | 3,350 | 28,921 | 7,492,496 | 33,190,010 | 180,819,105 | 256,659,263 | 105,840,168 |
| Arizona: | | | | | | | | |
| Maricopa | 182 | 507 | *1,960 | 1,208,401 | 2,189,787 | 14,415,947 | 22,847,634 | 8,431,687 |
| Arkansas: | | | | | | | | |
| Pulaski | 142 | 672 | *4,576 | 1,378,745 | 2,365,853 | 18,639,528 | 28,763,767 | 10,124,239 |
| California: | | | | | | | | |
| Alameda | 978 | 4,949 | 27,040 | 9,768,630 | 37,588,309 | 159,477,593 | 282,405,138 | 122,927,635 |
| Contra Costa | 120 | 2,190 | 13,787 | 5,351,988 | 22,124,608 | 261,853,303 | 314,344,065 | 82,460,762 |
| Los Angeles | 5,504 | 25,182 | 120,361 | 57,481,628 | 168,630,467 | 706,906,903 | 1,219,453,652 | 512,526,749 |
| San Francisco | 2,172 | 6,377 | 31,789 | 16,065,445 | 44,723,211 | 174,783,186 | 313,252,639 | 138,469,453 |
| Colorado: | | | | | | | | |
| Denver | 620 | 2,345 | 11,477 | 5,363,213 | 13,435,820 | 59,036,060 | 107,715,060 | 48,678,991 |
| Connecticut: | | | | | | | | |
| Fairfield | 843 | 9,425 | 50,687 | 22,984,357 | 69,726,322 | 160,192,563 | 348,103,609 | 187,911,046 |
| Hartford | 671 | 8,962 | 62,245 | 20,933,970 | 80,424,117 | 121,947,975 | 326,666,843 | 204,718,808 |
| Litchfield | 115 | 1,319 | 10,599 | 2,750,488 | 12,045,367 | 19,507,634 | 48,829,053 | 20,021,410 |
| New Haven | 805 | 9,815 | 68,789 | 23,122,969 | 81,266,687 | 168,677,248 | 374,450,667 | 205,773,410 |
| New London | 181 | 1,041 | 13,267 | 4,132,266 | 14,682,175 | 31,878,515 | 61,487,875 | 29,609,360 |
| Delaware: | | | | | | | | |
| New Castle | 241 | 2,014 | 15,638 | 5,378,371 | 19,110,601 | 50,742,099 | 98,445,481 | 47,703,332 |
| District of Columbia (no counties) | 467 | 3,572 | *7,877 | 8,547,869 | 11,772,280 | 35,568,454 | 79,875,299 | 44,310,845 |
| Florida: | | | | | | | | |
| Hillsborough | 263 | 960 | 12,361 | 2,146,354 | 9,511,138 | 27,235,846 | 51,278,432 | 24,042,586 |
| Georgia: | | | | | | | | |
| Fulton | 560 | 3,260 | 24,718 | 7,297,737 | 22,145,426 | 111,987,338 | 189,156,633 | 77,160,295 |
| Muscogee | 83 | 969 | 12,496 | 1,693,351 | 8,407,960 | 21,163,736 | 46,068,678 | 24,914,842 |
| Idaho: | | | | | | | | |
| Not Perce | 18 | 102 | *1,358 | 212,573 | 1,863,834 | 2,954,089 | 6,517,633 | 3,563,544 |
| Illinois: | | | | | | | | |
| Cook | 9,126 | 62,960 | 399,937 | 173,397,549 | 508,424,374 | 1,770,318,132 | 3,286,085,645 | 1,515,707,513 |
| Kane | 229 | 1,980 | 13,377 | 4,531,161 | 15,800,283 | 32,186,639 | 77,174,866 | 45,017,927 |
| Madison | 162 | 2,686 | 18,023 | 6,008,731 | 24,828,426 | 98,312,283 | 169,764,200 | 71,451,977 |
| Rock Island | 151 | 2,719 | 14,651 | 4,434,115 | 20,301,773 | 59,996,410 | 46,877,292 | 20,021,410 |
| St. Clair | 223 | 2,601 | 12,664 | 4,697,573 | 16,181,861 | 106,948,678 | 154,366,247 | 47,416,669 |
| Tazewell | 64 | 1,775 | 10,260 | 3,426,153 | 14,191,520 | 40,273,856 | 84,823,707 | 44,550,351 |
| Winnebago | 266 | 2,718 | 17,490 | 6,306,968 | 21,496,633 | 33,542,424 | 80,603,165 | 50,960,741 |
| Indiana: | | | | | | | | |
| Allen | 190 | 3,690 | 14,175 | 7,359,543 | 19,094,164 | 66,278,494 | 120,631,458 | 54,252,964 |
| Delaware | 198 | 1,514 | 10,479 | 3,489,368 | 13,940,321 | 36,969,052 | 67,625,599 | 30,656,517 |
| Lake | 296 | 8,647 | 58,525 | 21,175,661 | 62,690,329 | 468,462,632 | 786,549,638 | 298,087,005 |
| Madison | 117 | 1,528 | 13,091 | 3,967,094 | 17,298,186 | 34,619,877 | 79,314,825 | 44,695,248 |
| Marion | 318 | 6,594 | 35,838 | 15,386,566 | 48,139,113 | 155,359,006 | 294,511,708 | 139,152,702 |
| St. Joseph | 202 | 3,362 | 20,840 | 7,345,976 | 26,625,234 | 86,193,094 | 157,818,171 | 71,625,077 |
| Vanderburg | 203 | 2,169 | 13,854 | 4,345,637 | 16,744,451 | 71,504,625 | 135,419,132 | 61,914,607 |
| Iowa: | | | | | | | | |
| Black Hawk | 102 | 1,127 | *8,086 | 2,125,967 | 10,716,352 | 64,243,758 | 104,124,437 | 39,880,679 |
| Kansas: | | | | | | | | |
| Wyandotte | 133 | 1,569 | *8,594 | 3,068,536 | 12,808,855 | 143,017,714 | 178,961,244 | 33,943,530 |
| Kentucky: | | | | | | | | |
| Jefferson | 594 | 4,353 | 31,114 | 10,326,551 | 32,216,403 | 192,625,222 | 304,527,919 | 111,904,697 |
| Louisiana: | | | | | | | | |
| Orleans | 644 | 2,438 | 19,707 | 5,699,279 | 15,895,652 | 66,247,854 | 126,551,895 | 60,804,041 |
| Maine: | | | | | | | | |
| Androscoggin | 130 | 127 | 14,308 | 289,307 | 11,904,771 | 29,320,718 | 55,848,447 | 26,527,729 |
| York | 97 | 663 | 13,029 | 2,000,998 | 10,510,468 | 21,332,794 | 42,256,800 | 20,924,006 |
| Maryland: | | | | | | | | |
| Allegany | 72 | 1,025 | 11,167 | 2,358,747 | 12,763,778 | 24,908,379 | 60,960,631 | 36,052,252 |
| Baltimore | 97 | 1,367 | 25,181 | 3,544,648 | 43,916,334 | 118,691,818 | 210,894,409 | 92,292,591 |
| Baltimore City ¹ | 1,603 | 11,079 | 76,536 | 26,972,688 | 81,064,725 | 396,696,762 | 646,072,839 | 249,376,077 |
| Massachusetts: | | | | | | | | |
| Berkshire | 176 | 2,801 | 18,186 | 6,196,219 | 20,638,674 | 41,428,423 | 90,377,798 | 48,040,375 |
| Bristol | 789 | 5,014 | 64,139 | 11,195,214 | 36,496,000 | 116,028,974 | 225,950,978 | 109,622,004 |
| Essex | 1,081 | 8,751 | 73,489 | 20,533,287 | 78,263,087 | 180,990,795 | 341,639,845 | 160,649,050 |
| Hampden | 630 | 5,753 | 26,446 | 13,183,675 | 44,297,532 | 101,600,175 | 211,697,017 | 110,096,842 |
| Worcester | 1,283 | 10,621 | 78,394 | 25,548,999 | 84,562,423 | 276,659,706 | 506,906,838 | 230,247,132 |
| Plymouth | 421 | 3,088 | 23,145 | 9,462,796 | 30,263,628 | 74,501,039 | 141,230,322 | 66,729,283 |
| Suffolk | 364 | 1,743 | 13,139 | 3,975,784 | 15,131,652 | 41,556,750 | 74,273,222 | 32,716,472 |
| Worcester | 2,360 | 11,400 | 62,467 | 30,206,304 | 71,404,532 | 232,491,920 | 435,703,457 | 203,213,537 |
| Worcester | 1,119 | 10,323 | 78,373 | 25,080,933 | 88,890,263 | 178,356,338 | 376,837,735 | 198,478,397 |
| Michigan: | | | | | | | | |
| Calhoun | 130 | 3,808 | 33,085 | (⁶) | (⁶) | (⁶) | (⁶) | (⁶) |
| Ingham | 120 | 2,250 | 12,768 | (⁶) | (⁶) | (⁶) | (⁶) | (⁶) |
| Kalamazoo | 179 | 1,559 | 11,625 | 4,298,758 | 14,291,271 | 46,308,342 | 92,243,661 | 45,935,319 |
| Kent | 491 | 3,287 | 23,985 | 8,114,694 | 29,255,873 | 64,185,809 | 136,137,069 | 71,951,560 |

See footnotes at end of table.

GENERAL SUMMARY

68

TABLE 12.—GENERAL STATISTICS FOR SELECTED COUNTIES: 1939—Continued

[See note at head of table]

| STATE AND COUNTY | Number of establishments | Salaried officers and employees | Wage earners (average for year) ¹ | Salaries ² | Wages ³ | Cost of materials, fuel, purchased electric energy, and contract work ⁴ | Value of products ⁵ | Value added by manufacture ⁶ |
|-----------------------------------|--------------------------|---------------------------------|--|-----------------------|--------------------|--|--------------------------------|---|
| SELECTED COUNTIES—continued | | | | | | | | |
| Michigan—Continued. | | | | | | | | |
| Muskegon..... | 125 | 1,841 | 13,493 | \$4,266,473 | \$16,010,445 | \$43,170,092 | \$81,860,230 | \$38,690,138 |
| Oakland..... | 139 | 2,986 | 16,133 | (⁷) | (⁸) | (⁹) | (¹⁰) | (¹¹) |
| Saginaw..... | 159 | 1,665 | 12,155 | 3,861,566 | 17,220,309 | 31,124,720 | 68,516,385 | 37,391,665 |
| Wayne and Oakland..... | 2,772 | 38,287 | 311,332 | 107,201,163 | 511,909,475 | 1,650,125,393 | 2,719,210,429 | 1,069,085,036 |
| Minnesota: | | | | | | | | |
| Hennepin..... | 1,143 | 4,461 | 26,987 | 11,276,643 | 34,390,127 | 120,131,192 | 229,137,565 | 109,006,373 |
| Ramsey..... | 575 | 2,617 | 17,158 | 7,042,290 | 21,570,134 | 77,808,986 | 156,263,819 | 78,454,833 |
| Mississippi: | | | | | | | | |
| Jones..... | 41 | 316 | *3,827 | 610,760 | 2,782,803 | 5,250,159 | 9,752,016 | 4,501,857 |
| Missouri: | | | | | | | | |
| Jackson..... | 851 | 4,053 | 26,050 | 10,375,155 | 31,614,944 | 166,401,750 | 298,394,790 | 101,993,040 |
| St. Louis City ⁴ | 2,241 | 13,004 | 89,533 | 33,883,408 | 104,020,548 | 398,357,607 | 716,083,597 | 318,325,990 |
| Montana: | | | | | | | | |
| Cascade..... | 46 | 369 | *1,508 | 820,955 | 2,234,263 | 44,736,796 | 56,231,035 | 11,494,839 |
| Nebraska: | | | | | | | | |
| Douglas..... | 387 | 1,898 | 11,144 | 4,433,873 | 13,411,139 | 154,195,965 | 195,527,064 | 41,331,759 |
| Nevada: | | | | | | | | |
| Washoe..... | 50 | 107 | *511 | 239,470 | 690,854 | 3,116,117 | 5,315,550 | 2,199,433 |
| New Hampshire: | | | | | | | | |
| Hillsborough..... | 245 | 1,640 | 22,284 | 3,827,776 | 20,966,306 | 60,409,215 | 103,897,512 | 43,488,194 |
| New Jersey: | | | | | | | | |
| Bergen..... | 548 | 3,666 | 25,952 | 9,708,422 | 31,911,188 | 162,673,167 | 250,532,158 | 87,888,991 |
| Camden..... | 290 | 4,298 | 29,028 | 11,519,524 | 37,479,929 | 114,366,085 | 222,708,437 | 108,341,732 |
| Essex..... | 2,028 | 13,738 | 78,008 | 37,347,377 | 95,905,353 | 222,513,735 | 613,335,338 | 290,821,603 |
| Hudson..... | 1,778 | 13,960 | 86,131 | 37,805,164 | 109,361,585 | 421,863,846 | 765,853,966 | 343,990,110 |
| Mercer..... | 326 | 3,124 | 25,329 | 7,022,598 | 28,643,092 | 54,282,633 | 126,441,918 | 72,159,285 |
| Middlesex..... | 414 | 4,370 | 36,170 | 10,894,180 | 41,437,637 | 249,427,609 | 465,084,045 | 115,656,439 |
| Passaic..... | 934 | 6,379 | 56,947 | 16,002,124 | 60,639,004 | 123,621,498 | 264,651,471 | 141,030,003 |
| Union..... | 509 | 5,119 | 32,391 | 13,052,329 | 43,852,354 | 162,562,149 | 293,402,598 | 130,850,449 |
| New Mexico: | | | | | | | | |
| Bernalillo..... | 54 | 130 | *926 | 236,461 | 804,729 | 2,926,938 | 5,515,157 | 2,588,219 |
| New York: | | | | | | | | |
| Albany..... | 306 | 1,795 | 12,900 | 4,955,260 | 14,771,926 | 49,529,241 | 95,093,244 | 45,564,003 |
| Bronx..... | 1,082 | 2,763 | 18,577 | 7,615,536 | 24,100,454 | 52,633,884 | 115,752,382 | 63,218,498 |
| Broome..... | 207 | 2,364 | 27,079 | 5,192,802 | 30,426,358 | 67,998,437 | 129,838,770 | 61,895,313 |
| Chautauque..... | 218 | 1,658 | 13,787 | 3,455,547 | 14,047,058 | 31,137,512 | 68,306,697 | 37,169,185 |
| Erle..... | 1,249 | 12,150 | 70,469 | 20,290,733 | 98,032,996 | 415,495,765 | 706,799,225 | 291,393,460 |
| Kings..... | 4,910 | 16,093 | 135,422 | 44,404,353 | 155,948,038 | 445,084,462 | 870,578,728 | 424,894,296 |
| Monroe..... | 803 | 9,458 | 51,331 | 24,082,832 | 70,961,252 | 137,231,763 | 345,900,066 | 208,608,303 |
| Montgomery..... | 108 | 1,007 | 11,640 | 2,270,647 | 11,114,706 | 24,644,862 | 55,703,637 | 31,058,775 |
| New York..... | 18,949 | 57,272 | 300,102 | 160,044,383 | 378,629,784 | 1,469,212,672 | 2,618,700,898 | 1,149,488,026 |
| Niagara..... | 221 | 4,469 | 20,839 | 11,345,821 | 29,089,958 | 95,477,585 | 198,421,638 | 102,944,253 |
| Onondaga..... | 309 | 2,493 | 22,961 | 5,715,669 | 24,239,017 | 63,246,271 | 124,281,525 | 61,035,254 |
| Orondaga..... | 405 | 4,190 | 25,644 | 9,329,317 | 31,673,386 | 67,695,226 | 150,691,615 | 82,996,389 |
| Queens..... | 1,544 | 7,400 | 52,485 | 21,567,347 | 65,410,911 | 220,625,778 | 423,431,391 | 202,805,613 |
| Rensselaer..... | 166 | 1,096 | 11,713 | 2,828,958 | 11,862,365 | 32,285,385 | 64,808,223 | 32,522,958 |
| Schenectady..... | 107 | 3,882 | 11,754 | 9,601,155 | 19,528,557 | 36,689,551 | 85,297,679 | 48,608,128 |
| Westchester..... | 523 | 3,389 | 21,342 | 8,922,473 | 26,818,917 | 107,183,827 | 186,834,827 | 79,650,960 |
| North Carolina: | | | | | | | | |
| Alamance..... | 101 | 650 | 13,255 | 1,761,351 | 11,306,122 | 23,776,800 | 44,939,768 | 21,162,968 |
| Cabarrus..... | 46 | 449 | 21,066 | (¹²) | (¹³) | (¹⁴) | (¹⁵) | (¹⁶) |
| Forsyth..... | 114 | 1,103 | 21,073 | (¹⁷) | (¹⁸) | (¹⁹) | (²⁰) | (²¹) |
| Gaston..... | 134 | 810 | 19,698 | 1,787,374 | 13,594,998 | 33,904,547 | 59,554,241 | 25,649,094 |
| Guilford..... | 252 | 1,464 | 25,176 | 3,778,902 | 19,607,164 | 49,264,883 | 88,959,154 | 39,728,271 |
| Mecklenburg..... | 185 | 1,009 | 12,067 | 2,590,287 | 10,543,930 | 28,761,825 | 55,794,658 | 25,972,833 |
| North Dakota: | | | | | | | | |
| Cass..... | 47 | 220 | *884 | 458,581 | 1,201,054 | 13,686,850 | 18,185,394 | 4,498,544 |
| Ohio: | | | | | | | | |
| Butler..... | 130 | 1,876 | 14,623 | 5,191,760 | 21,612,287 | 68,247,312 | 114,514,042 | 46,266,730 |
| Clark..... | 157 | 1,701 | 10,325 | 3,692,319 | 14,461,354 | 58,301,102 | 106,358,609 | 48,057,507 |
| Cuyahoga..... | 2,576 | 21,025 | 125,876 | 56,312,635 | 178,521,574 | 507,320,185 | 999,703,560 | 489,383,375 |
| Franklin..... | 551 | 4,119 | 25,606 | 10,082,884 | 29,982,572 | 90,696,639 | 181,602,232 | 90,905,293 |
| Hamilton..... | 1,525 | 10,405 | 67,014 | 27,198,661 | 83,637,022 | 299,012,243 | 551,861,240 | 232,848,997 |
| Lorain..... | 122 | 2,119 | 14,777 | 5,106,009 | 21,632,019 | 69,184,642 | 126,442,944 | 57,258,302 |
| Lucas..... | 499 | 4,943 | 30,676 | 12,928,057 | 43,655,822 | 127,933,906 | 249,409,045 | 111,475,139 |
| Madison..... | 210 | 2,939 | 33,974 | 7,441,466 | 49,536,662 | 206,154,611 | 394,794,591 | 98,639,980 |
| Montgomery..... | 461 | 6,335 | 39,367 | 16,291,734 | 60,089,013 | 114,879,532 | 277,133,661 | 162,254,129 |
| Stark..... | 328 | 3,493 | 28,898 | 8,293,422 | 42,116,882 | 116,803,552 | 224,734,793 | 107,931,241 |
| Summit..... | 341 | 8,335 | 40,155 | 22,144,177 | 65,504,864 | 166,369,561 | 332,926,647 | 166,566,086 |
| Trumbull..... | 141 | 1,893 | 19,216 | 4,774,016 | 29,877,314 | 117,823,642 | 186,947,815 | 69,124,173 |
| Oklahoma: | | | | | | | | |
| Tulsa..... | 265 | 1,503 | *6,387 | 3,517,344 | 7,628,238 | 44,075,236 | 70,485,626 | 26,410,390 |
| Oregon: | | | | | | | | |
| Multnomah..... | 822 | 2,854 | 18,594 | 6,359,774 | 22,985,830 | 79,330,172 | 139,779,866 | 60,449,694 |
| Pennsylvania: | | | | | | | | |
| Allegheny..... | 1,571 | 17,991 | 124,216 | 45,677,891 | 174,608,567 | 550,796,799 | 1,007,975,593 | 427,178,794 |
| Beaver..... | 165 | 2,511 | 26,659 | 6,538,638 | 39,470,960 | 130,363,752 | 218,913,277 | 88,546,625 |
| Berks..... | 506 | 3,475 | 40,812 | 8,133,447 | 41,696,675 | 70,786,419 | 154,764,625 | 83,978,206 |
| Bucks..... | 185 | 1,092 | 10,899 | 2,606,504 | 10,962,971 | 23,615,664 | 49,840,238 | 26,324,874 |

See footnotes at end of table.

CENSUS OF MANUFACTURES: 1939

TABLE 12.—GENERAL STATISTICS FOR SELECTED COUNTIES: 1939—Continued

[See note at head of table]

| STATE AND COUNTY | Number of establishments | Number of employees | Wage earners (average for year) ¹ | Salaries ² | Wages ³ | Cost of materials, fuel, purchased electric energy, and contract work ⁴ | Value of products ⁵ | Value added by manufacture ⁶ |
|---|--------------------------|---------------------|--|-----------------------|--------------------|--|--------------------------------|---|
| SELECTED COUNTIES—continued | | | | | | | | |
| Pennsylvania—Continued. | | | | | | | | |
| Cambria | 133 | 1,456 | 14,191 | \$3,467,849 | \$19,656,730 | \$65,909,474 | \$102,090,365 | \$36,150,891 |
| Chester | 181 | 1,299 | 10,631 | 3,235,718 | 11,825,984 | 33,133,959 | 59,083,219 | 25,949,263 |
| Dauphin | 231 | 1,614 | 15,685 | 3,693,944 | 16,715,636 | 59,997,786 | 109,585,064 | 49,587,278 |
| Delaware | 214 | 3,699 | 29,529 | 9,227,184 | 39,886,544 | 160,570,126 | 256,124,632 | 95,554,506 |
| Erie | 369 | 3,585 | 19,251 | 8,499,987 | 25,628,079 | 70,167,192 | 142,392,797 | 72,225,603 |
| Lackawanna | 272 | 1,394 | 12,429 | 2,693,666 | 10,763,207 | 28,879,057 | 51,024,790 | 25,145,733 |
| Lancaster | 431 | 2,592 | 27,718 | 5,656,040 | 25,114,722 | 65,558,833 | 131,382,414 | 65,823,581 |
| Lebanon | 137 | 1,695 | 19,942 | 2,219,849 | 10,670,166 | 23,482,932 | 41,273,899 | 17,790,907 |
| Lehigh | 346 | 2,630 | 22,709 | 5,423,222 | 20,616,205 | 60,635,826 | 107,307,642 | 49,955,271 |
| Lycoming | 267 | 1,709 | 19,622 | 3,281,236 | 16,363,816 | 40,942,164 | 81,897,435 | 32,786,471 |
| Mercer | 192 | 1,629 | 19,789 | 3,654,182 | 15,512,265 | 53,661,078 | 80,447,549 | 39,504,308 |
| Montgomery | 506 | 3,593 | 34,196 | 9,098,190 | 38,517,573 | 99,451,356 | 188,855,064 | 95,049,007 |
| Northampton | 279 | 3,290 | 32,694 | 7,688,725 | 38,050,722 | 78,235,297 | 173,256,304 | 65,220,668 |
| Philadelphia | 4,511 | 28,255 | 196,350 | 72,365,957 | 231,691,380 | 766,635,696 | 1,418,256,344 | 44,587,273 |
| Washington | 131 | 1,362 | 14,473 | 2,876,976 | 20,870,326 | 61,016,671 | 108,608,344 | 82,909,477 |
| Westmoreland | 243 | 3,558 | 28,536 | 8,488,436 | 30,130,319 | 85,998,956 | 188,906,433 | 66,789,032 |
| York | 457 | 2,914 | 27,362 | 6,025,125 | 24,440,429 | 68,082,687 | 129,571,619 | 205,189,401 |
| Rhode Island: | | | | | | | | |
| Providence | 1,256 | 10,535 | 88,883 | 24,440,664 | 89,589,673 | 232,777,079 | 437,966,480 | 205,189,401 |
| South Carolina: | | | | | | | | |
| Greenville | 118 | 852 | 18,231 | 2,108,435 | 13,856,596 | 40,190,358 | 65,138,127 | 24,947,799 |
| Spartanburg | 164 | 714 | 17,536 | 1,433,793 | 12,208,485 | 28,638,493 | 51,717,410 | 23,078,917 |
| South Dakota: | | | | | | | | |
| Minnehaha | 70 | 561 | *2,549 | 1,156,557 | 3,188,150 | 34,426,377 | 44,250,056 | 9,823,679 |
| Tennessee: | | | | | | | | |
| Davidson | 314 | 2,238 | 17,427 | 4,771,375 | 16,964,110 | 63,550,551 | 121,918,334 | 58,367,783 |
| Hamilton | 261 | 1,719 | 20,974 | 4,248,652 | 17,343,770 | 45,902,760 | 87,227,517 | 41,324,757 |
| Knox | 190 | 1,322 | 14,993 | 3,116,114 | 11,834,043 | 31,324,216 | 60,753,291 | 29,429,075 |
| Shelby | 378 | 2,669 | 18,225 | 5,285,513 | 16,358,251 | 110,963,730 | 168,755,575 | 57,791,845 |
| Texas: | | | | | | | | |
| Dallas | 716 | 2,443 | 16,339 | 5,678,768 | 15,322,683 | 94,291,666 | 155,945,064 | 61,653,398 |
| Harris | 635 | 4,549 | 22,765 | 11,227,995 | 30,635,880 | 229,992,035 | 337,130,303 | 107,138,268 |
| Jefferson | 139 | 2,635 | 12,208 | 3,372,928 | 18,409,136 | 252,354,457 | 321,532,176 | 69,177,719 |
| Utah: | | | | | | | | |
| Salt Lake | 263 | 1,327 | *5,453 | 2,692,291 | 6,282,745 | 79,490,881 | 103,165,133 | 23,674,252 |
| Vermont: | | | | | | | | |
| Windsor | 67 | 686 | *3,949 | 1,796,090 | 4,555,632 | 7,226,381 | 21,363,891 | 14,143,510 |
| Virginia: | | | | | | | | |
| Henrico and Richmond City ⁷ | 343 | 2,385 | 18,949 | 5,653,571 | 18,520,576 | 265,146,907 | 376,311,183 | 111,104,276 |
| Pittsylvania and Danville City ⁷ | 44 | 495 | 19,060 | (⁸) | (⁸) | (⁸) | (⁸) | (⁸) |
| Washington: | | | | | | | | |
| King | 1,216 | 4,371 | 24,222 | 10,090,771 | 33,953,902 | 87,246,531 | 173,038,445 | 85,791,914 |
| Pierce | 323 | 1,392 | 12,661 | 3,192,663 | 16,754,249 | 99,771,990 | 129,188,162 | 38,416,172 |
| West Virginia: | | | | | | | | |
| Hancock | 41 | 724 | 14,005 | (⁸) | (⁸) | (⁸) | (⁸) | (⁸) |
| Wisconsin: | | | | | | | | |
| Milwaukee | 1,637 | 15,452 | 99,265 | 37,167,928 | 112,059,610 | 306,853,629 | 596,556,119 | 289,702,490 |
| Wyoming: | | | | | | | | |
| Natrona | 28 | 294 | *628 | 522,226 | 1,124,109 | 8,403,490 | 12,465,415 | 4,061,925 |

¹ Wage earners in the most important county in the State and in the District of Columbia.² 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 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.³ 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.⁴ 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 materials by others. This duplication occurs, as a rule, between different industries, and is not found to any great extent in individual industries.⁵ Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work.⁶ The independent cities of Baltimore, Md., and St. Louis, Mo., are treated as counties.⁷ Figures for monetary items withheld to avoid disclosing exact or approximate data for individual establishments.⁸ Cities in Virginia are independent, but for manufactures-census purposes they are treated as parts of the counties in which they are located.